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REPORTS

DATE:

2003

Price, Wayne

From: Price, Wayne
Sent: Friday, August 29, 2003 2:37 PM
To: 'Mark Larson'; Price, Wayne; 'SToner@chevrontexaco.com'
Cc: Sheeley, Paul; Johnson, Larry; Darrell Moore (E-mail)
Subject: RE: D.F. Fergason - Chlorides 1R0257

Dear Mr. Toner:

The OCD is in receipt of the "Preliminary Report and Closure Request for Emergency Pit Excavation, D.F. Fergason U11 H (SE/4 NE/4) Section 30, Township 18 South, Range 39 East, Lea County, New Mexico" dated August 28, 2003 and submitted by Larson and Associates, Inc. requesting that the main portion of the excavation be backfilled and properly compacted with clean soil and area reseeded. OCD understands that the pipeline and east area will remain open for future investigation. **OCD hereby approves of this request.**

Please be advised that NMOCD approval of this plan does not relieve Chevron-Texaco of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD approval does not relieve Chevron-Texaco of responsibility for compliance with any OCD, federal, state, or local laws and/or regulations.

Wayne Price-OCD

cc-Mr. Turner- property owner

-----Original Message-----

From: Mark Larson [mailto:mark@laenvironmental.com]
Sent: Friday, August 29, 2003 12:38 PM
To: Price, Wayne
Subject: FW: D.F. Fergason - Chlorides

Wayne: I talked to Scott Toner with ChevronTexaco regarding the chlorides at the D.F. Fergason and several things that ChevronTexaco thought are presented below.

-----Original Message-----

From: Toner, Scott L (SToner) [mailto:SToner@chevrontexaco.com]
Sent: Monday, June 16, 2003 1:14 PM
To: Mark Larson
Subject: D.F. Fergason - Chlorides

We have discussed the NMOCD's request to investigate the chlorides in the soil beneath the excavation at the former D.F. Fergason Lease, and we would like to note the following points:

1. There was no chloride issue identified during the investigation of this site.
2. Since there was no issue identified, the remediation plan did not include any clean up level for chlorides.
3. Soil sampling completed during the excavation work still did not show any chloride problem associated with the former pits.

Since there has been no data collected to date that shows an issue with chlorides in the soil, ChevronTexaco does not see any benefit in trying to document that levels beneath the excavation decrease with depth. The Company believes that the levels of chloride at the site do not represent a threat to groundwater.

9/5/2003

If you have any questions or would like to discuss this further, please give me a call.

Scott Toner, Environmental Specialist
HES Group

ChevronTexaco Exploration & Production Company
CTNAU, Permian Business Unit
15 Smith Road, Midland, TX 79705
Tel (915) 687-7318 Fax (915) 687-7660

<mailto:stoner@chevrontexaco.com>

9/5/2003

August 28, 2003

VIA FACSIMILE: (505) 476-3462

Mr. Wayne Price
New Mexico Oil Conservation Division
1220 S. St. Francis Drive
Santa Fe, New Mexico 87505

Re: Preliminary Report and Closure Request for Emergency Pit Excavation, D. F. Fergason Lease, U. L. H (SE/4, NE/4), Section 30, Township 18 South, Range 39 East, Lea County New Mexico

Dear Mr. Price:

ChevronTexaco Exploration and Production (Chevron Texaco), as successor to Texaco Exploration and Production, Inc. (Texaco), has retained Larson & Associates, Inc. (LA) to supervise remediation of a former emergency pit (Site) once associated with a tank battery at the D. F. Fergason Lease located in unite letter (UL) H (SE/4, NE/4), Section 30, Township 18 South, Range 39 East, Lea County, New Mexico. The emergency pit remediation was conducted in accordance with a remediation plan that was approved by the New Mexico Oil Conservation Division (NMOCD) on March 8, 2002. The remediation plan proposed to excavate soil in the vicinity of borings BH-12 and BH-14, to achieve the approved recommended remediation action level (RRAL) of 100 milligrams per kilogram (mg/kg) for total petroleum hydrocarbons (TPH). The RRAL for TPH was based on guidelines established by the NMOCD. The NMOCD approved the remediation plans with the condition that remediation include the area east of the ARCO (currently Navajo Pipeline) pipeline near the southeast corner of the Site, areas between borings BH-7 and BH-12, between borings BH-7 and BH-14, between borings BH-13 and BH-3, around boring BH-13, northeast of boring BH-13 and around BH-10. The NMOCD also required laboratory analysis of final soil samples for benzene, toluene, ethylbenzene, xylene (collectively referred to as BTEX), TPH and chloride. CrownQuest Operating is the current operator for the D.F. Fergason Lease, and has discounted using the tank battery. CrownQuest Operating removed all equipment from the battery site, and ChevronTexaco acquired the property from the owner to facilitate remediation of the emergency pit. This report presents the results and a request to close the excavation associated with the emergency pit excavation west of the Navajo Pipeline. A separate report and closure request will be submitted following completion of remediation activities associates with the pipeline area, and area southeast of the pipeline. Figure 1 presents a Site location map.

Turner Services, Inc. commenced work at the Site on April 15, 2003. The emergency pit was excavated to a depth of approximately 40 feet below ground surface

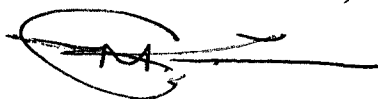
Mr. Wayne Price
August 28, 2003
Page 2

(bgs). Approximately 56,310 cubic yards of contaminated soil was removed from the excavation, and transported to ChevronTexaco's landfarm located in the west half of Section 17, Township 17 South, Range 36 East, Lea County, New Mexico. The final excavation dimensions were approximately 225 x 315 feet. Figure 2 presents a contoured drawing of the excavation. Clean soil was obtained from an area about 3 miles east of the Site, and is currently stockpiled at the Site. Soil samples were collected during the excavation process for field and laboratory screening. Soil samples were field screened using a RAE Instruments photoionization detector (PID), and a Wilks Enterprise, Inc. infrared TPH analyzer. Soil samples were analyzed by the laboratory for verification using method SW-846-8015 for gasoline range organics (GRO) and diesel range organics (DRO), benzene, total BTEX and chloride. Table 1 presents a summary of the screening samples. Final samples were collected from the excavation on June 26, 2003. The samples were collected at various locations and depths, and were analyzed for TPH using method SW-846-8015 for GRO and DRO, BTEX using method SW-846-8021B and chloride using method SW-846-9253. Table 2 presents a summary of the final samples. Final sample locations are presented on Figure 2. Appendix A presents the laboratory reports.

Referring to Table 2, no levels of TPH, benzene, or total BTEX exceeded the RRALs in the final soil samples. The concentration of chloride in the final samples ranged from less the method detection limit of 20 mg/kg to 372 mg/kg. The average chloride concentration for the excavation was calculated at approximately 143 mg/kg. Based on the depth-to-groundwater (93.50 feet bgs) measured in a nearby well, and groundwater samples collected by the NMOCD, it does not appear that groundwater has been impacted from the Site, therefore, the residual concentration of chloride in soil should not be of concern. ChevronTexaco requests permission from the NMOCD to fill the main excavation with the clean soil. The excavation will be crowned slightly to assist runoff from the area. A final cover of grass will be applied to the area. ChevronTexaco will provide a letter to the NMOCD following completion of the backfilling. Please call MR. Scott Toner with ChevronTexaco at (432) 687-7318 or myself at (432) 687-0901 if you have questions. You may also email at stoner@chevrontexcaco.com or mark@Laenvironmental.com.

Sincerely,

Larson and Associates, Inc.



Mark J. Larson, CPG, CGWP
President
Encl.

cc: Scott Toner - ChevronTexaco
Paul Sheeley - NMOCD District I

TABLES

Table 1
Summary of Soil Screening Samples from Emergency Pit Excavation
D.F. Ferguson Lease
U. L. H (SE/4, NE/4) Section 30, Township 18 South, Range 39 East
Lea County, New Mexico

Sample Number	Sample Location	Sample Date	Sample Depth (BGS)	PID (ppm)	Benzene mg/kg	BTEX mg/kg	GRO C6 C12 mg/kg	DRO >C12-C35 mg/kg	TPH C35 mg/kg	C6 mg/kg	Chloride mg/kg
RRAL					10	50			100		
S-1	East of Pipeline	16-Apr-03	2	0.1	---	---	<10.0	<10.0	<20.0	---	---
S-2	East of Pipeline	16-Apr-03	2	0.1	---	---	<10.0	<10.0	<20.0	---	---
S-3	East of Pipeline	16-Apr-03	2	0.4	---	---	<10.0	24.6	24.6	---	---
S-4	East of Pipeline	16-Apr-03	2	0.1	---	---	<10.0	108	108	---	---
S-5	East of Pipeline	16-Apr-03	2	0.1	---	---	<10.0	45.2	45.2	---	---
S-6	East of Pipeline	16-Apr-03	2	0.1	---	---	<10.0	<10.0	<20.0	---	---
S-7	East of Pipeline	16-Apr-03	2	0.1	---	---	<10.0	<10.0	<20.0	---	---
S-8	East of Pipeline	16-Apr-03	2	0.1	---	---	<10.0	<10.0	<20.0	---	---
S-9	East of Pipeline	16-Apr-03	2	0.1	---	---	<10.0	<10.0	<20.0	---	---
S-10	East of Pipeline	16-Apr-03	2	0.1	---	---	<10.0	<10.0	<20.0	---	---
S-11	East of Pipeline	17-Apr-03	2	0.7	---	---	<10.0	<10.0	<20.0	---	---
S-12	East of Pipeline	17-Apr-03	2	1.5	---	---	<10.0	<10.0	<20.0	---	---
S-13	East of Pipeline	17-Apr-03	2	0.3	---	---	<10.0	<10.0	<20.0	---	---
S-14	East of Pipeline	17-Apr-03	2	0.1	---	---	<10.0	108	108	---	---
S-15	East of Pipeline	17-Apr-03	2	0.4	---	---	<10.0	<10.0	<20.0	---	---
S-16	East of Pipeline	17-Apr-03	2	0.1	---	---	<10.0	68.0	68.0	---	---
S-17	East of Pipeline	17-Apr-03	2	0.1	---	---	<10.0	128	128	---	---
S-18	East of Pipeline	17-Apr-03	2	0.1	---	---	<10.0	91.0	91.0	---	---
S-19	East of Pipeline	17-Apr-03	2	0.1	---	---	<10.0	53.0	53.0	---	---
S-20	East of Pipeline	17-Apr-03	2	0.1	---	---	<10.0	251	251	---	---
S-21	East of Pipeline	17-Apr-03	2	0.1	---	---	<10.0	<10.0	<20.0	---	---
S-22(4)	East of Pipeline	17-Apr-03	3	0.1	---	---	<10.0	<10.0	<20.0	---	---
S-23(17)	East of Pipeline	18-Apr-03	3	19.5	---	---	<10.0	<10.0	<20.0	---	---
S-24(14)	East of Pipeline	18-Apr-03	3	10.1	---	---	<10.0	116	116	---	---
S-25	SE Corner(W.Pit)	18-Apr-03	6	19.6	---	---	<10.0	<10.0	<20.0	---	---
S-26	SE Corner(W.Pit)	18-Apr-03	12	34.0	---	---	<10.0	163	163	---	---
S-27(14)	East of Pipeline	22-Apr-03	3.5	25.6	---	---	<10.0	<10.0	<20.0	---	---
S-28	W Wall(W.Pit)	22-Apr-03	15	35.6	---	---	<10.0	<10.0	<20.0	---	---
S-29	W Wall(W.Pit)	22-Apr-03	15	146	---	---	65.9	540	606	---	---
S-30	SE Wall(W.Pit)	22-Apr-03	8	60.5	---	---	<50.0	1180	1180	---	---

Table 1
Summary of Soil Screening Samples from Emergency Pit Excavation

D.F. Ferguson Lease

U. L. H (SE/4, NE/4) Section 30, Township 18 South, Range 39 East

Lea County, New Mexico

Lea County, New Mexico												
Sample Number	Sample Location	Sample Date	Sample Depth (BGS)	PID (ppm)	Benzene mg/kg	BTEX mg/kg	GRO C6 C12 mg/kg	DRO >C12-C35 mg/kg	TPH C35 mg/kg	C6	Chloride mg/kg	
RRAL												
S-31	NE Wall(W.Pit)	22-Apr-03	8	48.5	---	---	110	4960	5070	---	---	
S-32	NW Wall(W.Pit)	22-Apr-03	8	15.3	---	---	<10.0	<10.0	<20.0	---	---	
S-33	S Wall(W.Pit)	23-Apr-03	8	47.3	---	---	<10.0	<10.0	<20.0	---	---	
S-34	S Wall(W.Pit)	23-Apr-03	8	123	---	---	<10.0	<10.0	<20.0	---	---	
S-35	S Wall(W.Pit)	23-Apr-03	8	127	---	---	<10.0	<10.0	<20.0	---	---	
S-36	S Wall(W.Pit)	23-Apr-03	8	2.1	---	---	<10.0	14.4	14.4	---	---	
S-37	S Wall(W.Pit)	23-Apr-03	8	18.7	---	---	<10.0	<10.0	<20.0	---	---	
S-38	S Wall(W.Pit)	23-Apr-03	8	13.4	---	---	<10.0	<10.0	<20.0	---	---	
S-39(20)	East of Pipeline	23-Apr-03	3.5	24.6	---	---	<10.0	<10.0	<20.0	---	---	
S-40	N Wall(W.Pit)	24-Apr-03	10	88.0	---	---	<10.0	<10.0	<20.0	---	---	
S-41	N Wall(W.Pit)	24-Apr-03	10	34.0	---	---	<10.0	<10.0	<20.0	---	---	
S-42	N Wall(W.Pit)	24-Apr-03	10	15.4	---	---	<10.0	<10.0	<20.0	---	---	
S-43	N Wall(W.Pit)	24-Apr-03	10	18.0	---	---	<10.0	<10.0	<20.0	---	---	
S-44	N Wall(W.Pit)	24-Apr-03	10	34.6	---	---	<10.0	<10.0	<20.0	---	---	
S-45	W Wall(W.Pit)	25-Apr-03	18	148	---	---	---	---	---	---	---	
S-46	W Wall(W.Pit)	25-Apr-03	18	617	---	---	---	---	---	---	---	
S-47	W Wall(W.Pit)	25-Apr-03	18	450	---	---	---	---	---	---	---	
S-48	S Wall(W.Pit)	29-Apr-03	18	7.6	---	---	<10.0	<10.0	<20.0	---	---	
S-49	S Wall(W.Pit)	29-Apr-03	18	6.0	---	---	<10.0	<10.0	<20.0	---	---	
S-50	MidBottom(W.Pit)	29-Apr-03	18	476	---	---	21.2	144	165	---	---	
S-51	MidBottom(W.Pit)	29-Apr-03	18	1999	---	---	762	2660	3422	---	---	
S-52	MidBottom(W.Pit)	29-Apr-03	18	126	---	---	<10.0	29.9	29.9	---	---	
S-53	MidBottom(W.Pit)	29-Apr-03	18	95.6	---	---	<10.0	868	868	---	---	
S-54	N Wall(W.Pit)	30-Apr-03	8	17.3	---	---	<10.0	<10.0	<20.0	---	---	
S-55	N Wall(W.Pit)	30-Apr-03	8	49.0	---	---	<10.0	633	633	---	---	
S-56	NE Corner(W.Pit)	30-Apr-03	8	94.0	---	---	<10.0	<10.0	<20.0	---	---	
S-57	SE Corner(W.Pit)	30-Apr-03	8	44.6	---	---	<10.0	<10.0	<20.0	---	---	
S-58	E Side TB	06-May-03	5	210	---	---	<10.0	<10.0	<20.0	---	---	
S59	E Side TB	06-May-03	5	16.8	---	---	<10.0	<10.0	<20.0	---	---	
S-60	W Wall(W.Pit)	07-May-03	12	100	---	---	<10.0	<10.0	<20.0	---	---	
S-61	W Wall(W.Pit)	07-May-03	12	100	---	---	<10.0	21.1	21.1	---	---	
S-62	W Wall(W.Pit)	07-May-03	12	100	---	---	<10.0	<10.0	<20.0	---	---	
S-63	W Wall(W.Pit)	07-May-03	12	100	---	---	<10.0	<10.0	<20.0	---	---	
S-64	W Wall(W.Pit)	08-May-03	18	11.6	---	---	<10.0	<10.0	<20.0	---	---	
S-65	W Wall(W.Pit)	08-May-03	18	2.1	---	---	<10.0	<10.0	<20.0	---	---	

Table 1
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U. L. H (SE/4, NE/4) Section 30, Township 18 South, Range 39 East
Lea County, New Mexico

Sample Number	Sample Location	Sample Date	Sample Depth (BGS)	PID (ppm)	Benzene mg/kg	BTEX mg/kg	GRO C6 C12 mg/kg	DRO >C12-C35 mg/kg	TPH C35 mg/kg	C6 mg/kg	Chloride mg/kg
RRAL					10	50			100		
S-66	W Wall(W.Pit)	08-May-03	18	2.0	---	---	<10.0	<10.0	<20.0	---	---
S-67	W Wall(W.Pit)	08-May-03	18	4.5	---	---	<10.0	<10.0	<20.0	---	---
S-68	W Bench	08-May-03	5	2.6	---	---	<10.0	19.2	19.2	---	---
S-69	W Bench	08-May-03	5	29.3	---	---	<10.0	<10.0	<20.0	---	---
S-70	W Bench	08-May-03	5	23.0	---	---	47.8	30.9	78.7	---	---
S-71	Junction Box(STB)	09-May-03	4	3.5	---	---	<10.0	34.2	34.2	106	---
S-72	W Bench(TB)	13-May-03	5	0.7	---	---	<10.0	<10.0	<20.0	---	---
S-73	W Bench(TB)	13-May-03	5	0.1	---	---	<10.0	<10.0	<20.0	---	---
S-74	W Bench(TB)	13-May-03	5	2.2	---	---	<10.0	<10.0	<20.0	---	---
S-75	W Bench(TB)	13-May-03	5	0.9	---	---	<10.0	<10.0	<20.0	---	---
S-76	MidBottom(W.Pit)	14-May-03	30	149.2	---	---	1040	3080	4120	---	---
S-77	West Mid TB	23-May-03	8	55.0	---	---	---	---	**17	---	---
S-78	MidBottom(W.Pit)	26-May-03	*50	123	---	---	---	---	**898	---	---
S-79	MidBottom(W.Pit)	27-May-03	*50	189	---	---	---	---	**1098	---	---
S-80	WMidBottom	02-Jun-03	*50	1999	<0.025	<0.125	<10.0	<10.0	<20.0	---	---
S-81	MidBottom	02-Jun-03	*52.5	1999	<0.025	<0.125	<10.0	24.2	24.2	---	---
S-82	MidBottom	02-Jun-03	*56	1999	<0.025	<0.125	<10.0	<10.0	<20.0	---	---
S-83	W Bottom Pit	05-Jun-03	*53	---	<0.025	<0.125	<10.0	13.9	13.9	319	---
S-84	W Bottom Pit	05-Jun-03	*53	---	<0.025	<0.125	<10.0	<10.0	<20.0	337	---
S-85	W Bottom Pit	05-Jun-03	*53	---	<0.025	<0.125	<10.0	<10.0	<20.0	319	---
S-86	W Bottom Pit	05-Jun-03	*53	---	<0.025	<0.125	<10.0	<10.0	<20.0	319	---
S-87	W Bottom Pit	05-Jun-03	*53	---	<0.025	<0.125	<10.0	<10.0	<20.0	354	---
S-88	W Bottom Pit	05-Jun-03	*53	---	<0.025	<0.125	<10.0	<10.0	<20.0	284	---
S-89	W Bottom Pit	05-Jun-03	*53	---	<0.025	<0.125	<10.0	<10.0	<20.0	284	---
S-90	W Bottom Pit	05-Jun-03	*53	---	<0.025	<0.125	<10.0	18.6	18.6	301	---
S-91	W Bottom Pit	05-Jun-03	*53	---	<0.025	<0.125	<10.0	<10.0	<20.0	284	---
S-92	W Bottom Pit	05-Jun-03	*53	---	<0.025	<0.125	<10.0	<10.0	<20.0	284	---
S-93	W Bottom Pit	05-Jun-03	*53	---	<0.025	<0.125	<10.0	19.3	19.3	337	---
S-94	W Bottom Pit	05-Jun-03	*53	---	<0.025	<0.125	<10.0	<10.0	<20.0	142	---
S-95	W Bottom Pit	05-Jun-03	*53	---	<0.025	<0.125	<10.0	<10.0	<20.0	142	---
S-96	W Bottom Pit	05-Jun-03	*53	---	<0.025	<0.125	<10.0	31.8	31.8	213	---

Table 1
Summary of Soil Screening Samples from Emergency Pit Excavation
D.F. Ferguson Lease
U. L. H (SE/4, NE/4) Section 30, Township 18 South, Range 39 East
Lea County, New Mexico

Sample Number	Sample Location	Sample Date	Sample Depth (BGS)	PID (ppm)	Benzene mg/kg	BTEX mg/kg	GRO C6 C12 mg/kg	DRO >C12-C35 mg/kg	TPH C35 mg/kg	C6 Chloride mg/kg
RRAL										
1050										
S-97	E Bottom Pit	05-Jun-03	22	---	<0.025	<0.125	<10.0	<10.0	<20.0	195
S-98	E Bottom Pit	05-Jun-03	22	---	<0.025	<0.125	<10.0	<10.0	<20.0	70.9
S-99	Pile in Pit	20-Jun-03	--	15.0	--	--	<10.0	40.4	40.4	--
S-100	Pit @ Pipeline	23-Jun-03	8	0.4	---	--	<10.0	28.3	28.3	35.4
S-101	Pit @ Pipeline	23-Jun-03	8	26.6	---	---	36.6	2150	2187	35.4
S-102	Pit @ Pipeline	23-Jun-03	8	2.2	---	---	<10.0	35.8	35.8	<20.0
S-103	Pit @ Pipeline	23-Jun-03	8	600	---	---	310	4500	4810	<20.0
S-104	Pit @ Pipeline	23-Jun-03	8	--	---	---	13.6	3570	3584	<20.0
S-105	Pit @ Pipeline	23-Jun-03	8	66.8	---	---	18.1	165	183	<20.0
S-106	Pit @ Pipeline	24-Jun-03	13	145	--	--	262	1540	1802	--
S-107	Pit @ Pipeline	24-Jun-03	13	548	---	---	482	2240	2722	---
S-108	Pit @ Pipeline	24-Jun-03	13	550	---	---	674	2450	3124	---
S-109	Pit @ Pipeline	24-Jun-03	10	308	---	---	289	2560	2849	---
S-110	Pit @ Pipeline	24-Jun-03	10	103	---	---	561	15400	15961	---
S-111	West TB	24-Jun-03	2	---	<0.025	<0.125	<10.0	47.3	47.3	177
S-112	West TB	24-Jun-03	2	---	<0.025	<0.125	<10.0	34.7	34.7	<20.0
S-113	West TB	24-Jun-03	2	---	<0.025	<0.125	<50.0	1130	1130	<20.0
S-114	West TB	24-Jun-03	2	---	<0.025	<0.125	<10.0	285	285	<20.0
S-115	West TB	24-Jun-03	2	---	<0.025	<0.125	<10.0	224	224	<20.0
S-116	West TB	24-Jun-03	2	---	<0.025	<0.125	<10.0	<10.0	<20.0	<20.0
S-117	West TB	24-Jun-03	2	---	<0.025	<0.125	<10.0	<10.0	<20.0	<20.0
S-118	West TB	24-Jun-03	2	---	<0.025	<0.125	<10.0	<10.0	<20.0	53.2
S-119	West TB	24-Jun-03	2	50.0	<0.025	0.047	<10.0	288	288	142
S-120	West TB	24-Jun-03	2	---	<0.025	<0.125	<10.0	158	158	<20.0
S-121	West TB	24-Jun-03	2	---	<0.025	<0.125	<10.0	85.0	85.0	<20.0
S-122	West TB	24-Jun-03	2	---	<0.025	<0.125	<10.0	90.0	90.0	<20.0
S-123	West TB	24-Jun-03	2	---	<0.025	0.053	<10.0	90.8	90.8	106
S-124	West TB	24-Jun-03	2	---	<0.025	<0.125	<10.0	42.5	42.5	35.4
S-125	West TB	24-Jun-03	2	41.0	<0.025	<0.125	<10.0	239	239	993
S-126	West TB	24-Jun-03	2	---	<0.025	<0.125	88.3	5240	5328	248
S-127	West TB	24-Jun-03	2	---	<0.025	<0.125	<10.0	445	445	177
S-128	West TB	24-Jun-03	2	---	<0.025	<0.125	<10.0	286	286	106
S-129	West TB	24-Jun-03	2	---	<0.025	<0.125	<10.0	39.2	39.2	35.4

Table 1
Summary of Soil Screening Samples from Emergency Pit Excavation
D.F. Ferguson Lease
U. L. H (SE/4, NE/4) Section 30, Township 18 South, Range 39 East
Lea County, New Mexico

Sample Number	Sample Location	Sample Date	Sample Depth (BGS)	PID (ppm)	Benzene mg/kg	BTEX mg/kg	GRO C6 C12 mg/kg	DRO >C12-C35 mg/kg	TPH C35 mg/kg	C6 mg/kg	Chloride mg/kg
RRAL											
1050											
50											
100											
S-130	West TB	24-Jun-03	2	---	<0.025	<0.125	<10.0	27.4	27.4		230
S-131	West TB	24-Jun-03	2	---	<0.025	<0.125	<10.0	1720	1720		284
S-132	West TB	24-Jun-03	2	21.0	<0.025	<0.125	<10.0	1090	1090		390
S-133	West TB	24-Jun-03	2	21.0	<0.025	<0.125	<10.0	300	300		284
S-134	West TB	24-Jun-03	2	---	<0.025	<0.125	<10.0	85.4	85.4		425
S-135	West TB	24-Jun-03	2	---	<0.025	<0.125	<10.0	150	150		70.9
S-136	West TB	24-Jun-03	2	0.8	<0.025	<0.125	<10.0	36.8	36.8		727
S-137	West TB	24-Jun-03	2	0.8	<0.025	<0.125	<10.0	256	256		213
S-138	West TB	24-Jun-03	2	---	<0.025	<0.125	<10.0	288	288		142
S-139	West TB	24-Jun-03	2	---	<0.025	<0.125	<10.0	153	153		70.9
S-140	West TB	24-Jun-03	2	---	<0.025	<0.125	<10.0	130	130		337
S-141	West TB	24-Jun-03	2	---	<0.025	<0.125	<10.0	<10.0	<20.0		<20.0
S-142	West TB	24-Jun-03	2	---	<0.025	<0.125	<10.0	104	104		709
S-143	West TB	24-Jun-03	2	---	<0.025	<0.125	<10.0	130	130		780
S-144	West TB	24-Jun-03	2	---	<0.025	<0.125	<10.0	243	243		88.6
S-145	West TB	24-Jun-03	2	---	<0.025	<0.125	<10.0	38.6	38.6		35.4
S-146	West TB	24-Jun-03	2	---	<0.025	<0.125	<10.0	68.4	68.4		106

Notes: Laboratory analyses performed by Environmental Lab of Texas, Inc., Odessa, Texas

1. BGS Sample depth in feet below ground surface
2. PID: Photoionization detector measurement
3. ppm: Parts per million
4. GRO: Gasoline-range organics by method SW-846-8015
5. DRO: Diesel-range organics by method SW-846-8015
6. TPH: Total petroleum hydrocarbons (Sum of GRO + DRO)
7. mg/kg Milligrams per kilogram
8. ---: No data available
9. <: Less than method detection limit
10. RRAL: Recommended remediation action level (NMOCD)
11. *: Estimated depth (surveyed depth approximately 35 feet BGS)
12. **: Field TPH measurement

Table 2
Summary of Laboratory Analysis of Soil Samples from Emergency Pit Excavation
D.F. Ferguson Lease
U. L. H (SE/4, NE/4), Section 30, Township 18 South, Range 39 East
Lea County, New Mexico

Sample Number	Sample Location	Sample Date	Sample Depth (feet BGS)	Benzene mg/kg	BTEX mg/kg	GRO C6 C12 mg/kg	DRO >C12-C35 mg/kg	TPH (C6-C35) mg/kg	Chloride mg/kg
RRAL			10	50				100	
1	West End	25-Jun-03	10	<0.025	<0.125	<10.0	<10.0	<20.0	230
2	West End	25-Jun-03	10	<0.025	<0.125	<10.0	<10.0	<20.0	53.2
3	West End	25-Jun-03	10	<0.025	<0.125	<10.0	<10.0	<20.0	106
4	West End	25-Jun-03	10	<0.025	<0.125	<10.0	<10.0	<20.0	177
5	West End	25-Jun-03	16	<0.025	<0.125	<10.0	<10.0	<20.0	<20.0
6	West End	25-Jun-03	16	<0.025	<0.125	<10.0	<10.0	<20.0	124
7	West End	25-Jun-03	18	<0.025	<0.125	<10.0	<10.0	<20.0	70.9
8	West End	25-Jun-03	24	<0.025	<0.125	<10.0	<10.0	<20.0	88.6
9	West End	25-Jun-03	24	<0.025	<0.125	<10.0	<10.0	<20.0	<20.0
10	West End	25-Jun-03	24	<0.025	<0.125	<10.0	<10.0	<20.0	195
11	South Side	25-Jun-03	24	<0.025	<0.125	<10.0	<10.0	<20.0	<20.0
12	South Side	25-Jun-03	24	<0.025	<0.125	<10.0	<10.0	<20.0	372
13	South Side	25-Jun-03	24	<0.025	<0.125	<10.0	<10.0	<20.0	354
14	South Side	25-Jun-03	24	<0.025	<0.125	<10.0	<10.0	<20.0	124
15	East End	25-Jun-03	24	<0.025	<0.125	<10.0	<10.0	<20.0	195
16	East End	25-Jun-03	22	<0.025	<0.125	<10.0	80.8	80.8	142
17	East End	25-Jun-03	22	<0.025	<0.125	<10.0	28.0	28.0	142
18	Bottom	25-Jun-03	30	<0.025	<0.125	<10.0	<10.0	<20.0	284
19	Bottom	25-Jun-03	30	<0.025	<0.125	<10.0	48.8	48.8	177
20	Bottom	25-Jun-03	34	<0.025	<0.125	<10.0	<10.0	<20.0	319
21	Bottom	25-Jun-03	34	<0.025	<0.125	<10.0	51.0	51.0	88.6
22	North Side	25-Jun-03	3	<0.025	<0.125	<10.0	33.1	33.1	<20.0
23	North Side	25-Jun-03	24	<0.025	<0.125	<10.0	<10.0	<20.0	35.4
24	North Side	25-Jun-03	24	<0.025	<0.125	<10.0	<10.0	<20.0	70.9
25	North Side	25-Jun-03	24	<0.025	<0.125	<10.0	26.6	26.6	35.4
26	North Side	25-Jun-03	24	<0.025	<0.125	<10.0	17.5	17.5	70.9
27	North Side	25-Jun-03	16	<0.025	<0.125	<10.0	<10.0	<20.0	53.2
28	North Side	25-Jun-03	16	<0.025	<0.125	<10.0	<10.0	<20.0	35.4
29	North Side	25-Jun-03	16	<0.025	<0.125	<10.0	<10.0	<20.0	35.4
30	North Side	25-Jun-03	16	<0.025	<0.125	<10.0	<10.0	<20.0	<20.0
31	North Side	25-Jun-03	16	<0.025	0.044	<10.0	30.2	30.2	142
32	North Side	25-Jun-03	7	<0.025	<0.125	<10.0	<10.0	<20.0	<20.0

Notes: Laboratory analyses performed by Environmental Lab of Texas, Inc., Odessa, Texas

1. BGS: Sample depth in feet below ground surface
2. GRO: Gasoline-range organics by method SW-846-8015
3. DRO: Diesel-range organics by method SW-846-8015
4. TPH: Total petroleum hydrocarbons (Sum of GRO + DRO)
5. mg/kg: Milligrams per kilogram
6. <: Less than method detection limit
7. RRAL: Recommended remediation action level (NMOCD)

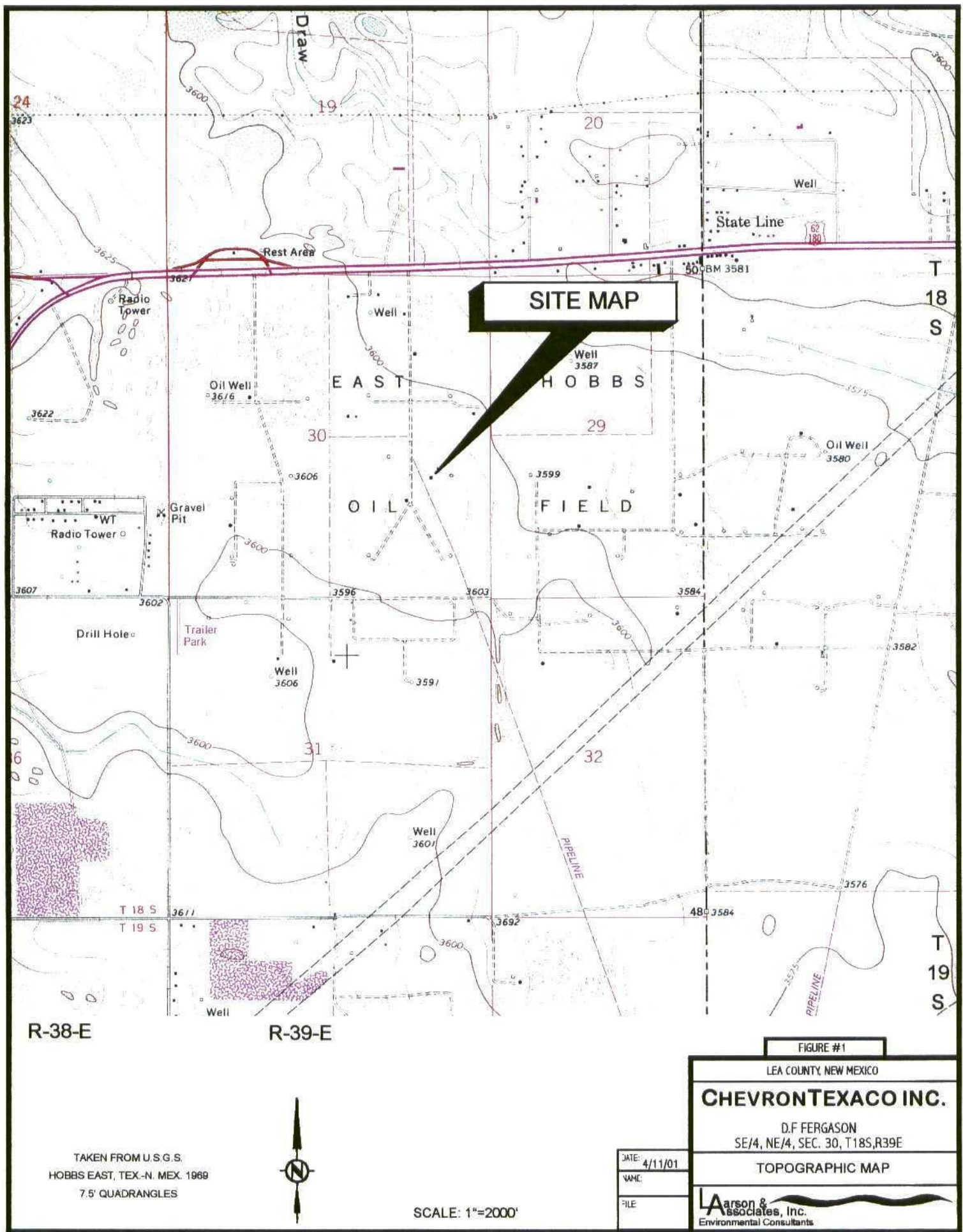


FIGURE #1

LEA COUNTY, NEW MEXICO

CHEVRONTEXACO INC.

D.F. FERGASON
SE/4, NE/4, SEC. 30, T18S, R39E

TOPOGRAPHIC MAP

DATE: 4/11/01
WMC:
FILE:

Larson & Associates, Inc.
Environmental Consultants

TAKEN FROM U.S.G.S.
HOBBS EAST, TEX.-N. MEX. 1969
7.5' QUADRANGLES

Dagoberto Rodriguez

Lina Rodriguez

(Tank Battery Site)
ChevronTexaco

PITS SHOWN on AERIAL
FEBRUARY 14 & MAY 12, 1967

Leah A. Pierce

BH-2

BH-1

BH-3

BH-4

BH-5

BH-9

BH-13

BH-14

BH-6

BH-7

BH-11

BH-10

Jimmy D. Roberts

W.A. Breeding

NAVAJO
(FORMERLY ARCO)
PIPELINE

Garnice Land

0 175
SCALE in FEET
CONTOUR INTERVAL: 2'



Table 2: Summary of Headspace and Laboratory Analysis of Soil Samples Following Excavation
Texaco-Turner Site
SE 1/4, NE 1/4, Section 30, Township 18 South, Range 30 East
Lee County, New Mexico

Area / Sample No.	Sample Date	Sample Depth (feet BGS)	Benzene mg/kg	Total BTEX mg/kg	GRO C6- C12 mg/kg	DRO C6- C35 mg/kg	TPH (C6- C35) mg/kg	Colloids mg/kg
1	06/25/03	10.0	<0.025	<0.025	<10.0	<10.0	<20.0	230.0
2	06/25/03	10.0	<0.025	<0.025	<10.0	<10.0	<20.0	53.2
3	06/25/03	10.0	<0.025	<0.025	<10.0	<10.0	<20.0	106.0
4	06/25/03	10.0	<0.025	<0.025	<10.0	<10.0	<20.0	177.0
5	06/25/03	16.0	<0.025	<0.025	<10.0	<10.0	<20.0	<20.0
6	06/25/03	16.0	<0.025	<0.025	<10.0	<10.0	<20.0	124.0
7	06/25/03	16.0	<0.025	<0.025	<10.0	<10.0	<20.0	70.0
8	06/25/03	24.0	<0.025	<0.025	<10.0	<10.0	<20.0	88.6
9	06/25/03	24.0	<0.025	<0.025	<10.0	<10.0	<20.0	<20.0
10	06/25/03	24.0	<0.025	<0.025	<10.0	<10.0	<20.0	195.0
11	06/25/03	24.0	<0.025	<0.025	<10.0	<10.0	<20.0	<20.0
12	06/25/03	24.0	<0.025	<0.025	<10.0	<10.0	<20.0	372.0
13	06/25/03	24.0	<0.025	<0.025	<10.0	<10.0	<20.0	354.0
14	06/25/03	24.0	<0.025	<0.025	<10.0	<10.0	<20.0	124.0
15	06/25/03	24.0	<0.025	<0.025	<10.0	<10.0	<20.0	195.0
16	06/25/03	22.0	<0.025	<0.025	<10.0	80.8	<90.8	142.0
17	06/25/03	22.0	<0.025	<0.025	<10.0	26.0	<36.0	142.0
18	06/25/03	30.0	<0.025	<0.025	<10.0	<10.0	<20.0	284.0
19	06/25/03	30.0	<0.025	<0.025	<10.0	48.8	<58.8	177.0
20	06/25/03	34.0	<0.025	<0.025	<10.0	<10.0	<20.0	319.0
21	06/25/03	34.0	<0.025	<0.025	<10.0	51.0	<61.0	88.6
22	06/25/03	3.0	<0.025	<0.025	<10.0	33.1	<43.1	<20.0
23	06/25/03	24.0	<0.025	<0.025	<10.0	<10.0	<20.0	35.4
24	06/25/03	24.0	<0.025	<0.025	<10.0	<10.0	<20.0	70.9
25	06/25/03	24.0	<0.025	<0.025	<10.0	26.6	<36.6	35.4
26	06/25/03	24.0	<0.025	<0.025	<10.0	17.5	<27.5	70.9
27	06/25/03	16.0	<0.025	<0.025	<10.0	<10.0	<20.0	53.2
28	06/25/03	16.0	<0.025	<0.025	<10.0	<10.0	<20.0	35.4
29	06/25/03	16.0	<0.025	<0.025	<10.0	<10.0	<20.0	35.4
30	06/25/03	16.0	<0.025	<0.025	<10.0	<10.0	<20.0	<20.0
31	06/25/03	16.0	<0.025	<0.025	<10.0	30.2	<40.2	142.0
32	06/25/03	7.0	<0.025	<0.025	<10.0	<10.0	<20.0	<20.0

FIGURE #2

LEA COUNTY NEW MEXICO

CHEVRONTExaco INC.

D.F. FERGASON
EMERGENCY PIT

EXCAVATION DRAWING

Larson &
Associates, Inc.
Environmental Consultants

DATE: 06/04/03

NAME:

FILE:

FIGURES

APPENDIX A
Laboratory Reports

ANALYTICAL REPORT

Prepared for:

CINDY CRAIN
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Project: Texaco, J.C. Turner
PO#: 0-0107
Order#: G0306281
Report Date: 04/17/2003

Certificates

US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710
915-687-0456

Order#: G0306281
Project: 0-0107
Project Name: Texaco, J.C. Turner
Location:

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

<u>Lab ID:</u>	<u>Sample :</u>	<u>Matrix:</u>	<u>Date / Time</u>	<u>Date / Time</u>	<u>Container</u>	<u>Preservative</u>
			<u>Collected</u>	<u>Received</u>		
0306281-01	SS-1	SOIL	4/16/03 14:40	4/16/03 18:40	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 4.5 C		
0306281-02	SS-2	SOIL	4/16/03 14:42	4/16/03 18:40	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 4.5 C		
0306281-03	SS-3	SOIL	4/16/03 14:44	4/16/03 18:40	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 4.5 C		
0306281-04	SS-4	SOIL	4/16/03 14:46	4/16/03 18:40	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 4.5 C		
0306281-05	SS-5	SOIL	4/16/03 14:48	4/16/03 18:40	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 4.5 C		
0306281-06	SS-6	SOIL	4/16/03 14:50	4/16/03 18:40	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 4.5 C		
0306281-07	SS-7	SOIL	4/16/03 14:52	4/16/03 18:40	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 4.5 C		
0306281-08	SS-8	SOIL	4/16/03 14:54	4/16/03 18:40	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 4.5 C		

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710
915-687-0456

Order#: G0306281
Project: 0-0107
Project Name: Texaco, J.C. Turner
Location:

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

<u>Lab ID:</u>	<u>Sample :</u>	<u>Matrix:</u>	<u>Date / Time</u> <u>Collected</u>	<u>Date / Time</u> <u>Received</u>	<u>Container</u>	<u>Preservative</u>
0306281-09	SS-9	SOIL	4/16/03 14:56	4/16/03 18:40	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 4.5 C		
0306281-10	SS-10	SOIL	4/16/03 14:58	4/16/03 18:40	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 4.5 C		

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

CINDY CRAIN
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306281
Project: 0-0107
Project Name: Texaco, J.C. Turner
Location:

Lab ID: 0306281-01
Sample ID: SS-1

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		4/17/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	121%	70	130
1-Chlorooctadecane	120%	70	130

Lab ID: 0306281-02
Sample ID: SS-2

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		4/17/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	93%	70	130
1-Chlorooctadecane	92%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

Page 1 of 5

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

CINDY CRAIN
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306281
Project: 0-0107
Project Name: Texaco, J.C. Turner
Location:

Lab ID: 0306281-03
Sample ID: SS-3

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		4/17/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	24.6	10.0
TOTAL, C6-C35	24.6	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	104%	70	130
1-Chlorooctadecane	103%	70	130

Lab ID: 0306281-04
Sample ID: SS-4

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		4/17/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	108	10.0
TOTAL, C6-C35	108	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	108%	70	130
1-Chlorooctadecane	104%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

Page 2 of 5

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

CINDY CRAIN
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306281
Project: 0-0107
Project Name: Texaco, J.C. Turner
Location:

Lab ID: 0306281-05

Sample ID: SS-5

8015M

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		4/17/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	45.2	10.0
TOTAL, C6-C35	45.2	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	100%	70	130
1-Chlorooctadecane	96%	70	130

Lab ID: 0306281-06

Sample ID: SS-6

8015M

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		4/17/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	92%	70	130
1-Chlorooctadecane	92%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

Page 3 of 5

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

CINDY CRAIN
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306281
Project: 0-0107
Project Name: Texaco, J.C. Turner
Location:

Lab ID: 0306281-07

Sample ID: SS-7

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		4/17/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	84%	70	130
1-Chlorooctadecane	83%	70	130

Lab ID: 0306281-08

Sample ID: SS-8

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		4/17/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	96%	70	130
1-Chlorooctadecane	91%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

CINDY CRAIN
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306281
Project: 0-0107
Project Name: Texaco, J.C. Turner
Location:

Lab ID: 0306281-09
Sample ID: SS-9

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		4/17/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	100%	70	130
1-Chlorooctadecane	98%	70	130

Lab ID: 0306281-10
Sample ID: SS-10

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		4/17/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	113%	70	130
1-Chlorooctadecane	110%	70	130

Approval: Raland K. Tuttle 4-17-03
Raland K. Tuttle, Lab Director, QA Officer Date
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8015M

Order#: G0306281

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005247-02			<10.0		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0306281-01	0	952	909	95.5%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0306281-01	0	952	895	94.4%	1.6%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005247-05		1000	798	79.8%	

ANALYTICAL REPORT

Prepared for:

CINDY CRAIN
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Project: Texaco/ Turner

PO#:

Order#: G0306288

Report Date: 04/18/2003

Certificates

US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710
915-687-0456

Order#: G0306288
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

<u>Lab ID:</u>	<u>Sample :</u>	<u>Matrix:</u>	<u>Date / Time</u> <u>Collected</u>	<u>Date / Time</u> <u>Received</u>	<u>Container</u>	<u>Preservative</u>
0306288-01	SS-11 (2 ft.)	SOIL	4/17/03 9:30	4/17/03 16:35	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 4.5 C		
0306288-02	SS-12 (2 ft.)	SOIL	4/17/03 9:32	4/17/03 16:35	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 4.5 C		
0306288-03	SS-13 (2 ft.)	SOIL	4/17/03 9:34	4/17/03 16:35	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 4.5 C		
0306288-04	SS-14 (2 ft.)	SOIL	4/17/03 9:36	4/17/03 16:35	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 4.5 C		
0306288-05	SS-15 (2 ft.)	SOIL	4/17/03 9:38	4/17/03 16:35	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 4.5 C		
0306288-06	SS-16 (2 ft.)	SOIL	4/17/03 9:50	4/17/03 16:35	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 4.5 C		
0306288-07	SS-17 (2 ft.)	SOIL	4/17/03 9:48	4/17/03 16:35	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 4.5 C		
0306288-08	SS-18 (2 ft.)	SOIL	4/17/03 9:42	4/17/03 16:35	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 4.5 C		

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710
915-687-0456

Order#: G0306288
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

<u>Lab ID:</u>	<u>Sample :</u>	<u>Matrix:</u>	<u>Date / Time</u> <u>Collected</u>	<u>Date / Time</u> <u>Received</u>	<u>Container</u>	<u>Preservative</u>
0306288-09	SS-19 (2 ft.)	SOIL	4/17/03 9:46	4/17/03 16:35	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 4.5 C		
0306288-10	SS-20 (2 ft.)	SOIL	4/17/03 9:40	4/17/03 16:35	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 4.5 C		
0306288-11	SS-21 (2 ft.)	SOIL	4/17/03 9:44	4/17/03 16:35	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 4.5 C		
0306288-12	SS-22 (2 ft.)	SOIL	4/17/03 11:45	4/17/03 16:35	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 4.5 C		

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

CINDY CRAIN
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306288
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

Lab ID: 0306288-01
Sample ID: SS-11 (2 ft.)

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		4/18/03 10:56	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	111%	70	130
1-Chlorooctadecane	101%	70	130

Lab ID: 0306288-02
Sample ID: SS-12 (2 ft.)

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		4/18/03 10:56	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	106%	70	130
1-Chlorooctadecane	96%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

CINDY CRAIN
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306288
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

Lab ID: 0306288-03
Sample ID: SS-13 (2 ft.)

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		4/18/03 10:56	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	102%	70	130
1-Chlorooctadecane	90%	70	130

Lab ID: 0306288-04
Sample ID: SS-14 (2 ft.)

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		4/18/03 10:56	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	108	10.0
TOTAL, C6-C35	108	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	101%	70	130
1-Chlorooctadecane	89%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

CINDY CRAIN
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306288
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

Lab ID: 0306288-05
Sample ID: SS-15 (2 ft.)

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		4/18/03 10:56	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	96%	70	130
1-Chlorooctadecane	88%	70	130

Lab ID: 0306288-06
Sample ID: SS-16 (2 ft.)

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		4/18/03 10:56	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	68.0	10.0
TOTAL, C6-C35	68.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	98%	70	130
1-Chlorooctadecane	88%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

CINDY CRAIN
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306288
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

Lab ID: 0306288-07
Sample ID: SS-17 (2 ft.)

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		4/18/03 10:56	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	128	10.0
TOTAL, C6-C35	128	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	104%	70	130
1-Chlorooctadecane	97%	70	130

Lab ID: 0306288-08
Sample ID: SS-18 (2 ft.)

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		4/18/03 10:56	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	91.0	10.0
TOTAL, C6-C35	91.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	100%	70	130
1-Chlorooctadecane	96%	70	130

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

CINDY CRAIN
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306288
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

Lab ID: 0306288-09
Sample ID: SS-19 (2 ft.)

8015M

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		4/18/03 10:56	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	53.0	10.0
TOTAL, C6-C35	53.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	91%	70	130
1-Chlorooctadecane	90%	70	130

Lab ID: 0306288-10
Sample ID: SS-20 (2 ft.)

8015M

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		4/18/03 10:56	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	251	10.0
TOTAL, C6-C35	251	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	106%	70	130
1-Chlorooctadecane	106%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

Page 5 of 6

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

CINDY CRAIN
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306288
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

Lab ID: 0306288-11
Sample ID: SS-21 (2 ft.)

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		4/18/03 10:56	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	107%	70	130
1-Chlorooctadecane	102%	70	130

Lab ID: 0306288-12
Sample ID: SS-22 (2 ft.)

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		4/18/03 10:56	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	100%	70	130
1-Chlorooctadecane	98%	70	130

Approval:

Raland K. Tuttle, Lab Director, QA Officer
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

Date

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8015M

Order#: G0306288

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005257-02			<10.0		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0306285-01	32	952	830	83.8%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0306285-01	32	952	830	83.8%	0.0%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005257-05		1000	870	87.0%	

ANALYTICAL REPORT

Prepared for:

CINDY CRAIN
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Project: Texaco/ Turner

PO#:

Order#: G0306300

Report Date: 04/22/2003

Certificates

US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

LARSON AND ASSOCIATES, INC.

P.O. BOX 50685

MIDLAND, TX 79710

915-687-0456

Order#: G0306300

Project: 0-0107

Project Name: Texaco/ Turner

Location: None Given

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

<u>Lab ID:</u>	<u>Sample :</u>	<u>Matrix:</u>	<u>Date / Time</u> <u>Collected</u>	<u>Date / Time</u> <u>Received</u>	<u>Container</u>	<u>Preservative</u>
0306300-01	SS_24	SOIL	4/18/03 11:12	4/18/03 16:41	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 5.0 C		
0306300-02	SS-23	SOIL	4/18/03 11:10	4/18/03 16:41	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 5.0 C		
0306300-03	SS-25	SOIL	4/18/03 14:30	4/18/03 16:41	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 5.0 C		
0306300-04	SS-26	SOIL	4/18/03 14:32	4/18/03 16:41	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 5.0 C		

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

CINDY CRAIN
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306300
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

Lab ID: 0306300-01
Sample ID: SS_24

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		4/21/03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	116	10.0
TOTAL, C6-C35	116	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	98%	70	130
1-Chlorooctadecane	92%	70	130

Lab ID: 0306300-02
Sample ID: SS-23

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		4/21/03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	114%	70	130
1-Chlorooctadecane	95%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

CINDY CRAIN
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306300
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

Lab ID: 0306300-03
Sample ID: SS-25

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		4/21/03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	108%	70	130
1-Chlorooctadecane	90%	70	130

Lab ID: 0306300-04
Sample ID: SS-26

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		4/21/03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	163	10.0
TOTAL, C6-C35	163	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	105%	70	130
1-Chlorooctadecane	92%	70	130

Approval: *Raland K. Tuttle* 4-22-03
Raland K. Tuttle, Lab Director, QA Officer
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

Page 2 of 2

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8015M

Order#: G0306300

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005277-02			<10.0		
CONTROL	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005277-03		1000	921	92.1%	
CONTROL DUP	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005277-04		1000	895	89.5%	2.9%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005277-05		1000	765	76.5%	

ANALYTICAL REPORT

Prepared for:

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Project: Texaco
PO#: 0-0107
Order#: G0306320
Report Date: 04/23/2003

Certificates

US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710
915-687-0456

Order#: G0306320
Project: 0-0107
Project Name: Texaco
Location: Turner

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

<u>Lab ID:</u>	<u>Sample :</u>	<u>Matrix:</u>	<u>Date / Time</u> <u>Collected</u>	<u>Date / Time</u> <u>Received</u>	<u>Container</u>	<u>Preservative</u>
0306320-01	SS-27	SOIL	4/22/03 8:45	4/22/03 16:50	4 oz glass	ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 6 C		
0306320-02	SS-28	SOIL	4/22/03 9:30	4/22/03 16:50	4 oz glass	ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 6 C		
0306320-03	SS-29	SOIL	4/22/03 10:15	4/22/03 16:50	4 oz glass	ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 6 C		
0306320-04	SS-30	SOIL	4/22/03 13:05	4/22/03 16:50	4 oz glass	ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 6 C		
0306320-05	SS-31	SOIL	4/22/03 13:08	4/22/03 16:50	4 oz glass	ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 6 C		
0306320-06	SS-32	SOIL	4/22/03 13:25	4/22/03 16:50	4 oz glass	ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 6 C		

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306320
Project: 0-0107
Project Name: Texaco
Location: Turner

Lab ID: 0306320-01
Sample ID: SS-27

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		4/23/03 15:03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	89%	70	130
1-Chlorooctadecane	73%	70	130

Lab ID: 0306320-02
Sample ID: SS-28

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		4/23/03 15:03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	95%	70	130
1-Chlorooctadecane	81%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

Page 1 of 3

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306320
Project: 0-0107
Project Name: Texaco
Location: Turner

Lab ID: 0306320-03
Sample ID: SS-29

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		4/23/03 15:03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	65.9	10.0
DRO, >C12-C35	540	10.0
TOTAL, C6-C35	606	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	88%	70	130
1-Chlorooctadecane	77%	70	130

Lab ID: 0306320-04
Sample ID: SS-30

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		4/23/03 15:03	1	5	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<50.0	50.0
DRO, >C12-C35	1,180	50.0
TOTAL, C6-C35	1,180	50.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	17%	70	130
1-Chlorooctadecane	16%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

Page 2 of 3

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306320
Project: 0-0107
Project Name: Texaco
Location: Turner

Lab ID: 0306320-05
Sample ID: SS-31

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		4/23/03 15:03	1	5	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	110	50.0
DRO, >C12-C35	4,960	50.0
TOTAL, C6-C35	5070	50.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	17%	70	130
1-Chlorooctadecane	17%	70	130

Lab ID: 0306320-06
Sample ID: SS-32

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		4/23/03 15:03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	81%	70	130
1-Chlorooctadecane	71%	70	130

Approval:

Raland K. Tuttle, Lab Director, QA Officer
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

Date

4-23-08

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

Page 3 of 3

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8015M

Order#: G0306320

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005304-02			<10.0		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0306320-01	0	1014.832	890	87.7%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0306320-01	890	1014.832	910	89.7%	2.2%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005304-05		1000	777	77.7%	

CASE NARRATIVE

ENVIRONMENTAL LAB OF TEXAS

Prepared for:

LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306320

Project: Texaco

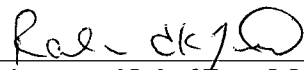
The following samples were received as indicated below and on the attached Chain of Custody record. All analyses were performed within the holding time and with acceptable quality control results unless otherwise noted.

SAMPLE ID	LAB ID	MATRIX	Date Collected	Date Received
SS-27	0306320-01	SOIL	04/22/2003	04/22/2003
SS-28	0306320-02	SOIL	04/22/2003	04/22/2003
SS-29	0306320-03	SOIL	04/22/2003	04/22/2003
SS-30	0306320-04	SOIL	04/22/2003	04/22/2003
SS-31	0306320-05	SOIL	04/22/2003	04/22/2003
SS-32	0306320-06	SOIL	04/22/2003	04/22/2003

Surrogate recoveries on 8015M TPH are outside of control limits due to dilution (G0306320-04, 05).

The enclosed results of analyses are representative of the samples as received by the laboratory. Environmental Lab of Texas makes no representations or certifications as to the methods of sample collection, sample identification, or transportation handling procedures used prior to our receipt of samples. To the best of my knowledge, the information contained in this report is accurate and complete.

Approved By:


Environmental Lab of Texas I, Ltd.

Date:

4-23-03

CLIENT NAME:	SITE MANAGER:
--------------	---------------

John Stewart

PROJECT NO.:

PROJECT NAME:

0-0107
used

PAGE _____ OF _____ LAB. PO # _____

SAMPLE IDENTIFICATION

LC-55	✓	548	10/11/11
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11	930	✓	88-25
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11	10/5	✓	55-33
11	10/5	✓	55-33

55-30	✓	581
55-30	✓	11

11	108	✓	CS-31
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11	501	/	CC-33
11	105		CC-33

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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[illegible][illegible][illegible]

DATE	11/13	REVISION	1
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SAMPLED BY: (signature)
DATE: 1/18/01
TIME: 1:30

RECEIVED BY:	DATE: 4/12
REMOVED BY: (Signature)	

TIME: 4:55

1951

COMMENTS: 536 1003 11 00 10

Call Cindy (again w/ original result)

RECEIVING LABORATORY: E-601 ADDRESS _____

ADDRESS: _____
CITY: _____ STATE: _____ ZIP: _____

CONTACT: _____ **PHONE:** _____

SAMPLE CONDITION WHEN RECEIVED:

Journal of Management Studies, 20(6), 791-806.

ANALYTICAL REPORT

Prepared for:

CINDY CRAIN
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Project: Texaco/Turner

PO#: 0-0107

Order#: G0306327

Report Date: 04/24/2003

Certificates

US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710
915-687-0456

Order#: G0306327
Project:
Project Name: Texaco/Turner
Location: None Given

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

Lab ID:	Sample :	Matrix:	Date / Time	Date / Time	Container	Preservative
			Collected	Received		
0306327-01	SS-33	SOIL	4/23/03 12:45	4/23/03 16:30	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 0.5C		
0306327-02	SS-34	SOIL	4/23/03 12:48	4/23/03 16:30	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 0.5C		
0306327-03	SS-35	SOIL	4/23/03 12:50	4/23/03 16:30	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 0.5C		
0306327-04	SS-36	SOIL	4/23/03 12:55	4/23/03 16:30	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 0.5C		
0306327-05	SS-37	SOIL	4/23/03 12:23	4/23/03 16:30	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 0.5C		
0306327-06	SS-38	SOIL	4/23/03 12:20	4/23/03 16:30	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 0.5C		
0306327-07	SS-39	SOIL	4/23/03 12:30	4/23/03 16:30	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 0.5C		

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

CINDY CRAIN
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306327
Project:
Project Name: Texaco/Turner
Location: None Given

Lab ID: 0306327-01
Sample ID: SS-33

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		4/24/03 13:57	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	122%	70	130
1-Chlorooctadecane	114%	70	130

Lab ID: 0306327-02
Sample ID: SS-34

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		4/24/03 13:57	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	99%	70	130
1-Chlorooctadecane	89%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

Page 1 of 4

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

CINDY CRAIN
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306327
Project:
Project Name: Texaco/Turner
Location: None Given

Lab ID: 0306327-03
Sample ID: SS-35

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		4/24/03 13:57	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	100%	70	130
1-Chlorooctadecane	93%	70	130

Lab ID: 0306327-04
Sample ID: SS-36

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		4/24/03 13:57	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	14.4	10.0
TOTAL, C6-C35	14.4	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	100%	70	130
1-Chlorooctadecane	90%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

Page 2 of 4

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

CINDY CRAIN
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306327
Project:
Project Name: Texaco/Turner
Location: None Given

Lab ID: 0306327-05
Sample ID: SS-37

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		4/24/03 13:57	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	101%	70	130
1-Chlorooctadecane	90%	70	130

Lab ID: 0306327-06
Sample ID: SS-38

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		4/24/03 13:57	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	104%	70	130
1-Chlorooctadecane	94%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

Page 3 of 4

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

CINDY CRAIN
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306327
Project:
Project Name: Texaco/Turner
Location: None Given

Lab ID: 0306327-07
Sample ID: SS-39

8015M

Method	Date	Date	Sample	Dilution		
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		4/24/03 13:57	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	98%	70	130
1-Chlorooctadecane	89%	70	130

Approval: Raland K Tuttle 4-24-03
Raland K. Tuttle, Lab Director, QA Officer Date
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8015M

Order#: G0306327

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005311-02			<10.0		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0306324-01	0	952	960	100.8%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0306324-01	0	952	970	101.9%	1.1%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005311-05		1000	869	86.9%	

CHAIN—OF—CUSTODY RECORD

LA arson & ssociates, Inc. Fax: 915-687-0456
Environmental Consultants 915-687-0901

507 N. Marientfeld, Ste. 202 • Midland, TX 79701

LAB. I.D. NUMBER (LAB USE ONLY)
0306327-01

REMARKS
(I.E., FILTERED, UNFILTERED, PRESERVED, UNPRESERVED, GRAB COMPOSITE)

PARAMETERS/METHOD NUMBER

NUMBER OF CONTAINERS

SITE MANAGER: *John Stewart*

PROJECT NAME: *Turner*

LAB. PO #

PAGE 1 OF 1

SAMPLE IDENTIFICATION

OTHER
SOIL
WATER

TIME

DATE

SS-33

SS-34

SS-35

SS-36

SS-37

SS-38

SS-39

RELINQUISHED BY: (Signature)

DATE: 4/23/03
TIME: 4:30

SAMPLED BY: (Signature)

DATE: 4/23/03
TIME: 4:30

RECEIVED BY: (Signature)

DATE: 4/23/03
TIME: 4:30

RECEIVED BY: (Signature)

DATE: 4/23/03
TIME: 4:30

COMMENTS:

Call Cindy Grant w/ verbal results

SS-36-8665

TURNAROUND TIME NEEDED

Rush SS-39

RECEIVING LABORATORY:

ADDRESS:

CITY:

STATE:

ZIP:

DATE:

TIME:

SAMPLE CONDITION WHEN RECEIVED:

LA CONTACT PERSON:

Cindy Grant

SAMPLE TYPE:

Soil

0.5% H₂O₂

glass

ANALYTICAL REPORT

Prepared for:

CINDY CRAIN
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Project: Texaco/ Turner
PO#: 0-0107
Order#: G0306337
Report Date: 04/28/2003

Certificates

US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710
915-687-0456

Order#: G0306337
Project: 0-0107
Project Name: Texaco/ Turner
Location: Turner

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

<u>Lab ID:</u>	<u>Sample :</u>	<u>Matrix:</u>	<u>Date / Time</u> <u>Collected</u>	<u>Date / Time</u> <u>Received</u>	<u>Container</u>	<u>Preservative</u>
0306337-01	SS-40	SOIL	4/24/03 11:00	4/24/03 16:48	4 OZ GLASS	ICE
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 3.5C		
0306337-02	SS-41	SOIL	4/24/03 11:05	4/24/03 16:48	4 OZ GLASS	ICE
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 3.5C		
0306337-03	SS-42	SOIL	4/24/03 11:15	4/24/03 16:48	4 OZ GLASS	ICE
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 3.5C		
0306337-04	SS-43	SOIL	4/24/03 11:20	4/24/03 16:48	4 OZ GLASS	ICE
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 3.5C		
0306337-05	SS-44	SOIL	4/24/03 11:25	4/24/03 16:48	4 OZ GLASS	ICE
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 3.5C		

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

CINDY CRAIN
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306337
Project: 0-0107
Project Name: Texaco/ Turner
Location: Turner

Lab ID: 0306337-01
Sample ID: SS-40

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		4/24/03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	124%	70	130
1-Chlorooctadecane	112%	70	130

Lab ID: 0306337-02
Sample ID: SS-41

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		4/24/03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	102%	70	130
1-Chlorooctadecane	85%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

Page 1 of 3

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

CINDY CRAIN
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306337
Project: 0-0107
Project Name: Texaco/ Turner
Location: Turner

Lab ID: 0306337-03
Sample ID: SS-42

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		4/24/03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	114%	70	130
1-Chlorooctadecane	98%	70	130

Lab ID: 0306337-04
Sample ID: SS-43

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		4/24/03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	102%	70	130
1-Chlorooctadecane	85%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

Page 2 of 3

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

CINDY CRAIN
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306337
Project: 0-0107
Project Name: Texaco/ Turner
Location: Turner

Lab ID: 0306337-05
Sample ID: SS-44

8015M

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		4/24/03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	106%	70	130
1-Chlorooctadecane	91%	70	130

Approval: *Raland K. Tuttle* 4-28-03
Raland K. Tuttle, Lab Director, QA Officer Date
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8015M

Order#: G0306337

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005339-02			<10.0		
CONTROL	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005339-03		952	786	82.6%	
CONTROL DUP	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005339-04		952	796	83.6%	1.3%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005339-05		1000	815	81.5%	

ANALYTICAL REPORT

Prepared for:

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Project: Texaco Turner
PO#: 0-0107
Order#: G0306374
Report Date: 04/30/2003

Certificates

US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710
915-687-0456

Order#: G0306374
Project:
Project Name: Texaco Turner
Location:

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

<u>Lab ID:</u>	<u>Sample :</u>	<u>Matrix:</u>	<u>Date / Time</u> <u>Collected</u>	<u>Date / Time</u> <u>Received</u>	<u>Container</u>	<u>Preservative</u>
0306374-01	SS-48	SOIL	4/29/03 9:15	4/29/03 16:50	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 4 C		
0306374-02	SS-49	SOIL	4/29/03 9:20	4/29/03 16:50	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 4 C		
0306374-03	SS-50	SOIL	4/29/03 13:10	4/29/03 16:50	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 4 C		
0306374-04	SS-51	SOIL	4/29/03 13:12	4/29/03 16:50	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 4 C		
0306374-05	SS-52	SOIL	4/29/03 13:14	4/29/03 16:50	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 4 C		
0306374-06	SS-53	SOIL	4/29/03 13:16	4/29/03 16:50	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 4 C		

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306374
Project:
Project Name: Texaco Turner
Location:

Lab ID: 0306374-01
Sample ID: SS-48

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		4/30/03 12:24	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	82%	70	130
1-Chlorooctadecane	73%	70	130

Lab ID: 0306374-02
Sample ID: SS-49

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		4/30/03 12:24	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	96%	70	130
1-Chlorooctadecane	85%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

Page 1 of 3

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306374
Project:
Project Name: Texaco Turner
Location:

Lab ID: 0306374-03
Sample ID: SS-50

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		4/30/03 12:24	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	21.2	10.0
DRO, >C12-C35	144	10.0
TOTAL, C6-C35	165	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	97%	70	130
1-Chlorooctadecane	90%	70	130

Lab ID: 0306374-04
Sample ID: SS-51

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		4/30/03 12:24	1	5	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	762	50.0
DRO, >C12-C35	2660	50.0
TOTAL, C6-C35	3422	50.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	23%	70	130
1-Chlorooctadecane	18%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

Page 2 of 3

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306374
Project:
Project Name: Texaco Turner
Location:

Lab ID: 0306374-05
Sample ID: SS-52

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		4/30/03 12:24	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	29.9	10.0
TOTAL, C6-C35	29.9	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	94%	70	130
1-Chlorooctadecane	86%	70	130

Lab ID: 0306374-06
Sample ID: SS-53

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		4/30/03 12:24	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	868	10.0
TOTAL, C6-C35	868	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	96%	70	130
1-Chlorooctadecane	93%	70	130

Approval:

Raland K. Tuttle, Lab Director, QA Officer	Date
Celey D. Keene, Org. Tech. Director	
Jeanne McMurrey, Inorg. Tech. Director	
Sandra Biezugbe, Lab Tech.	
Sara Molina, Lab Tech.	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8015M

Order#: G0306374

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005371-02			<10.0		
CONTROL	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005371-03		952	799	83.9%	
CONTROL DUP	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005371-04		952	814	85.5%	1.9%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005371-05		1000	792	79.2%	

CASE NARRATIVE

ENVIRONMENTAL LAB OF TEXAS

Prepared for:

LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306374

Project: Texaco Turner

The following samples were received as indicated below and on the attached Chain of Custody record. All analyses were performed within the holding time and with acceptable quality control results unless otherwise noted.

SAMPLE ID	LAB ID	MATRIX	Date Collected	Date Received
SS-48	0306374-01	SOIL	04/29/2003	04/29/2003
SS-49	0306374-02	SOIL	04/29/2003	04/29/2003
SS-50	0306374-03	SOIL	04/29/2003	04/29/2003
SS-51	0306374-04	SOIL	04/29/2003	04/29/2003
SS-52	0306374-05	SOIL	04/29/2003	04/29/2003
SS-53	0306374-06	SOIL	04/29/2003	04/29/2003

Surrogate recoveries on 8015M TPH are outside of control limits due to dilution (G0306374-04).

The enclosed results of analyses are representative of the samples as received by the laboratory. Environmental Lab of Texas makes no representations or certifications as to the methods of sample collection, sample identification, or transportation handling procedures used prior to our receipt of samples. To the best of my knowledge, the information contained in this report is accurate and complete.

Approved By: Ralan DK Justo Date: 5-01-03
Environmental Lab of Texas I, Ltd.

ANALYTICAL REPORT

Prepared for:

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Project: Texaco/ Turner

PO#:

Order#: G0306385

Report Date: 05/01/2003

Certificates

US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710
915-687-0456

Order#: G0306385
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

<u>Lab ID:</u>	<u>Sample :</u>	<u>Matrix:</u>	<u>Date / Time</u> <u>Collected</u>	<u>Date / Time</u> <u>Received</u>	<u>Container</u>	<u>Preservative</u>
0306385-01	SS-54	SOIL	4/30/03 11:50	4/30/03 15:40	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 11.0 C		
0306385-02	SS-55	SOIL	4/30/03 11:52	4/30/03 15:40	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 11.0 C		
0306385-03	SS-56	SOIL	4/30/03 11:54	4/30/03 15:40	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 11.0 C		
0306385-04	SS-57	SOIL	4/30/03 11:56	4/30/03 15:40	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 11.0 C		

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306385
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

Lab ID: 0306385-01
Sample ID: SS-54

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		5/1/03 14:25	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	118%	70	130
1-Chlorooctadecane	101%	70	130

Lab ID: 0306385-02
Sample ID: SS-55

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		5/1/03 14:25	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	633	10.0
TOTAL, C6-C35	633	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	110%	70	130
1-Chlorooctadecane	104%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

Page 1 of 2

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306385
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

Lab ID: 0306385-03
Sample ID: SS-56

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		5/1/03 14:25	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	110%	70	130
1-Chlorooctadecane	96%	70	130

Lab ID: 0306385-04
Sample ID: SS-57

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		5/1/03 14:25	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	103%	70	130
1-Chlorooctadecane	89%	70	130

Approval:

Raland K. Tuttle, Lab Director, QA Officer
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

Date

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

Page 2 of 2

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8015M

Order#: G0306385

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005388-02			<10.0		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0306383-01	0	952	1023	107.5%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0306383-01	0	952	983	103.3%	4.0%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005388-05		1000	790	79.0%	

CHAIN—OF—CUSTODY RECORD

LA arson & ssociates, Inc. Fax: 915-687-0456
Environmental Consultants 915-687-0901

507 N. Marienfeld, Ste. 202 • Midland, TX 79701

LAB. I.D. NUMBER (LAB USE ONLY) REMARKS (I.E., FILTERED, UNFILTERED, PRESERVED, UNPRESERVED, GRAB COMPOSITE)

0306985-01
02
03
04

PARAMETERS/METHOD NUMBER

NUMBER OF CONTAINERS

SITE MANAGER: *John Stewart*

PROJECT NAME: *Tanred*

PROJECT NO.: *0-0107*

PAGE OF LAB. PO #

SAMPLE IDENTIFICATION

WATER SOIL OTHER

DATE TIME

4/30 11:50
11 11:52
11 11:54
11 11:56

SS-54
SS-55
SS-56
SS-57

SAMPLED BY: (Signature) *John J. Stewart* DATE: *4/30* TIME: *11:50*

DATE: TIME:

RECEIVED BY: (Signature)

DATE: TIME:

RELINQUISHED BY: (Signature) *John J. Stewart* DATE: *4/30* TIME: *11:50*

RECEIVED BY: (Signature)

DATE: TIME:

SAMPLE SHIPPED BY: (Circle)

FEDEX HAND DELIVERED BUS UPS AIRBILL # OTHER:

COMMENTS: *Call Cindy Crampin/verbal for sample*

WHITE - RECEIVING LAB
YELLOW - RECEIVING LAB (TO BE RETURNED TO LA AFTER RECEIPT)
PINK - PROJECT MANAGER
GOLD - QA/QC COORDINATOR

RECEIVING LABORATORY: *Environmental Labs* RECEIVED BY: (Signature) *John J. Stewart*

ADDRESS: *507 N. Marienfeld, Ste. 202 • Midland, TX 79701* DATE: *4/30/03* TIME: *15:40*

CITY: STATE: ZIP: PHONE:

CONTACT: *11.0°C*

SAMPLE CONDITION WHEN RECEIVED:

LA CONTACT PERSON: *Cindy Crampin*

SAMPLE TYPE: *Soil*

ANALYTICAL REPORT

Prepared for:

MARK LARSON
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Project: Texaco Turner
PO#: 0-0107
Order#: G0306429
Report Date: 05/09/2003

Certificates

US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710
915-687-0456

Order#: G0306429
Project:
Project Name: Texaco Turner
Location:

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

<u>Lab ID:</u>	<u>Sample :</u>	<u>Matrix:</u>	<u>Date / Time</u> <u>Collected</u>	<u>Date / Time</u> <u>Received</u>	<u>Container</u>	<u>Preservative</u>
0306429-01	SS-58	SOIL	5/6/03 13:35	5/6/03 16:37	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 3 C		
0306429-02	SS-59	SOIL	5/6/03 13:37	5/6/03 16:37	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 3 C		

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

MARK LARSON
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306429
Project:
Project Name: Texaco Turner
Location:

Lab ID: 0306429-01
Sample ID: SS-58

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		5/7/03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	98%	70	130
1-Chlorooctadecane	87%	70	130

Lab ID: 0306429-02
Sample ID: SS-59

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		5/7/03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	101%	70	130
1-Chlorooctadecane	91%	70	130

Approval:

Raland K. Tuttle, Lab Director, QA Officer
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

Date

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

Page 1 of 1

ENVIRONMENTAL LAB OF TEXAS I, LTD.

12600 West I-20 East, Odessa, TX 79765 Ph: 915-563-1800

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8015M

Order#: G0306429

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005467-02			<10.0		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0306429-02	0	1003.41	980	97.7%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0306429-02	980	1003.41	980	97.7%	0.0%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005467-05		1000	937	93.7%	

ANALYTICAL REPORT

Prepared for:

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Project: Texaco Turner

PO#: 0-0107

Order#: G0306436

Report Date: 05/09/2003

Certificates

US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710
915-687-0456

Order#: G0306436
Project:
Project Name: Texaco Turner
Location:

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

<u>Lab ID:</u>	<u>Sample :</u>	<u>Matrix:</u>	<u>Date / Time</u> <u>Collected</u>	<u>Date / Time</u> <u>Received</u>	<u>Container</u>	<u>Preservative</u>
0306436-01	SS-60	SOIL	5/7/03 9:00	5/7/03 16:00	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 0.5 C		
0306436-02	SS-61	SOIL	5/7/03 9:05	5/7/03 16:00	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 0.5 C		
0306436-03	SS-62	SOIL	5/7/03 9:10	5/7/03 16:00	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 0.5 C		
0306436-04	SS-63	SOIL	5/7/03 9:15	5/7/03 16:00	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 0.5 C		

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306436
Project:
Project Name: Texaco Turner
Location:

Lab ID: 0306436-01
Sample ID: SS-60

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		5/7/03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	108%	70	130
1-Chlorooctadecane	97%	70	130

Lab ID: 0306436-02
Sample ID: SS-61

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		5/7/03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	21.1	10.0
TOTAL, C6-C35	21.1	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	108%	70	130
1-Chlorooctadecane	92%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

Page 1 of 2

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306436
Project:
Project Name: Texaco Turner
Location:

Lab ID: 0306436-03
Sample ID: SS-62

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		5/7/03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	91%	70	130
1-Chlorooctadecane	79%	70	130

Lab ID: 0306436-04
Sample ID: SS-63

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		5/7/03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	111%	70	130
1-Chlorooctadecane	95%	70	130

Approval:

Raland K. Tuttle
Raland K. Tuttle, Lab Director, QA Officer
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

Date

5-12-03

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

Page 2 of 2

ENVIRONMENTAL LAB OF TEXAS I, LTD.

12600 West I-20 East, Odessa, TX 79765 Ph: 915-563-1800

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8015M

Order#: G0306436

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005469-02			<10.0		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0306436-01	0	1064.336	970	91.1%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0306436-01	970	1064.336	940	88.3%	3.1%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005469-05		1000	915	91.5%	

CHAIN—OF—CUSTODY RECORD

LA arson & Associates, Inc. Environmental Consultants
 507 N. Marienfeld, Ste. 202 • Midland, TX 79701
 Fax: 915-687-0456
 915-687-0901

LAB. I.D. NUMBER (LAB USE ONLY)
 REMARKS
 (I.E., FILTERED, UNFILTERED, PRESERVED, UNPRESERVED, GRAB COMPOSITE)

PARAMETERS/METHOD NUMBER

NUMBER OF CONTAINERS

CLIENT NAME: 0500

SITE MANAGER: John Stewart

PROJECT NO.: 0-0107

PROJECT NAME: Turner

PAGE 1 OF 1

LAB. PO #

DATE

TIME

WATER

SOIL

OTHER

SAMPLE IDENTIFICATION

SS-60

SS-61

SS-62

SS-63

1

1

1

1

1

1

1

1

1

1

1

1

1

SAMPLED BY: (Signature) John Stewart DATE: 5/7/03 RELINQUISHED BY: (Signature) _____ DATE: _____

RECEIVED BY: (Signature) _____ DATE: _____

RECEIVED BY: (Signature) _____ DATE: _____

RECEIVED BY: (Signature) _____ DATE: _____

RECEIVED BY: (Signature) _____ DATE: _____

RECEIVED BY: (Signature) _____ DATE: _____

RECEIVED BY: (Signature) _____ DATE: _____

RECEIVED BY: (Signature) _____ DATE: _____

RECEIVED BY: (Signature) _____ DATE: _____

COMMENTS: Call Cindy Stewart for verbal results

RECEIVING LABORATORY: SS-6-8865

ADDRESS: _____

CITY: _____

STATE: _____

ZIP: _____

TURNAROUND TIME NEEDED

DATE: 5/7/03 TIME: 16:00

DATE: 5/7/03 TIME: 16:00

DATE: 5/7/03 TIME: 16:00

DATE: 5/7/03 TIME: 16:00

DATE: 5/7/03 TIME: 16:00

WHITE - RECEIVING LAB

YELLOW - RECEIVING LAB (TO BE RETURNED TO LA AFTER RECEIPT)

PINK - PROJECT MANAGER

GOLD - QA/QC COORDINATOR

SAMPLE TYPE: Soil

LA CONTACT PERSON: Cindy Stewart

0.5°C

0.5°C

0.5°C

0.5°C

0.5°C

0.5°C

ANALYTICAL REPORT

Prepared for:

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Project: Texaco/ Turner

PO#:

Order#: G0306451

Report Date: 05/12/2003

Certificates

US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710
915-687-0456

Order#: G0306451
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

<u>Lab ID:</u>	<u>Sample :</u>	<u>Matrix:</u>	<u>Date / Time</u> <u>Collected</u>	<u>Date / Time</u> <u>Received</u>	<u>Container</u>	<u>Preservative</u>
0306451-01	SS-64@18 ft.	SOIL	5/8/03 13:20	5/8/03 17:45	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 3.5 C		
0306451-02	SS-65@18 ft.	SOIL	5/8/03 13:22	5/8/03 17:45	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 3.5 C		
0306451-03	SS-66@18 ft.	SOIL	5/8/03 13:24	5/8/03 17:45	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 3.5 C		
0306451-04	SS-67@18 ft.	SOIL	5/8/03 13:26	5/8/03 17:45	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 3.5 C		
0306451-05	SS-68@ 5 ft.	SOIL	5/8/03 13:28	5/8/03 17:45	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 3.5 C		
0306451-06	SS-69@ 5 ft.	SOIL	5/8/03 13:30	5/8/03 17:45	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 3.5 C		
0306451-07	SS-70@ 5 ft.	SOIL	5/8/03 13:32	5/8/03 17:45	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 3.5 C		

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306451
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

Lab ID: 0306451-01
Sample ID: SS-64@18 ft.

8015M

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		5/9/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	95%	70	130
1-Chlorooctadecane	81%	70	130

Lab ID: 0306451-02
Sample ID: SS-65@18 ft.

8015M

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		5/9/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	78%	70	130
1-Chlorooctadecane	71%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

Page 1 of 4

ENVIRONMENTAL LAB OF TEXAS I, LTD.

12600 West I-20 East, Odessa, TX 79765 Ph: 915-563-1800

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306451
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

Lab ID: 0306451-03
Sample ID: SS-66@18 ft.

8015M

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
		5/9/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	99%	70	130
1-Chlorooctadecane	81%	70	130

Lab ID: 0306451-04
Sample ID: SS-67@18 ft.

8015M

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
		5/9/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	91%	70	130
1-Chlorooctadecane	78%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

Page 2 of 4

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306451
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

Lab ID: 0306451-05

Sample ID: SS-68@ 5 ft.

8015M

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		5/9/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	19.2	10.0
TOTAL, C6-C35	19.2	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	98%	70	130
1-Chlorooctadecane	85%	70	130

Lab ID: 0306451-06

Sample ID: SS-69@ 5 ft.

8015M

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		5/9/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	92%	70	130
1-Chlorooctadecane	77%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

Page 3 of 4

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306451
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

Lab ID: 0306451-07
Sample ID: SS-70@ 5 ft.

8015M

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		5/9/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	47.8	10.0
DRO, >C12-C35	30.9	10.0
TOTAL, C6-C35	78.7	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	107%	70	130
1-Chlorooctadecane	90%	70	130

Approval:

Raland K. Tuttle, Lab Director, QA Officer
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

Date

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

Page 4 of 4

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8015M

Order#: G0306451

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005486-02			<10.0		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0306443-01	0	952	967	101.6%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0306443-01	0	952	995	104.5%	2.9%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005486-05		1000	960	96.0%	

CHAIN—OF—CUSTODY RECORD

LA arson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 202 • Midland, TX 79701
Fax: 915-687-0456
915-687-0901

LAB. I.D. NUMBER (LAB USE ONLY)
REMARKS (I.E., FILTERED, UNFILTERED, PRESERVED, UNPRESERVED, GRAB COMPOSITE)

PARAMETERS/METHOD NUMBER

NUMBER OF CONTAINERS

CLIENT NAME: **Texaco**

SITE MANAGER: **John Stewart**
PROJECT NAME: **Turner**

PAGE OF
LAB. PO #

DATE
TIME
WATER
SOIL
OTHER
SAMPLE IDENTIFICATION

5/18 11:20 SS-64 @ 18 ft ✓
" 11:22 SS-65 " ✓
" 11:24 SS-66 " ✓
" 11:26 SS-67 " ✓
" 11:28 SS-68 @ 5 ft ✓
" 11:30 SS-69 " ✓
" 11:32 SS-70 " ✓

SAMPLED BY: (Signature) **John Stewart** DATE: 5/16 TIME: 11:20
RELINQUISHED BY: (Signature) **John Stewart** DATE: 5/16 TIME: 5:47

RECEIVED BY: (Signature) **Janet Bingle** DATE: 5/18/03 TIME: 1745
SAMPLE SHIPPED BY: (Circle) FEDEX BUS AIRBILL #:
HAND DELIVERED UPS OTHER:

COMMENTS: **TURNAROUND TIME NEEDED**
WHITE - RECEIVING LAB
YELLOW - RECEIVING LAB (TO BE RETURNED TO LA AFTER RECEIPT)
PINK - PROJECT MANAGER
GOLD - QA/QC COORDINATOR

RECEIVING LABORATORY: Environmental Labs of TX RECEIVED BY: (Signature) **Janet Bingle**
ADDRESS: 12600 West 1-20 East
CITY: Odessa STATE: TX ZIP: 79715
CONTACT: PHONE: 915/563-1800 DATE: 5/18/03 TIME: 1745

SAMPLE CONDITION WHEN RECEIVED: **3.5°C**
LA CONTACT PERSON: **Cindy Crane**
SAMPLE TYPE: **Soil**

3506451-62-63-64-65-66-67-68-69-70

ANALYTICAL REPORT

Prepared for:

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Project: Texaco/ Turner

PO#:

Order#: G0306461

Report Date: 05/13/2003

Certificates

US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710
915-687-0456

Order#: G0306461
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

<u>Lab ID:</u>	<u>Sample :</u>	<u>Matrix:</u>	<u>Date / Time</u> <u>Collected</u>	<u>Date / Time</u> <u>Received</u>	<u>Container</u>	<u>Preservative</u>
0306461-01	SS-71	SOIL	5/9/03 10:00	5/9/03 17:55	4 oz glass	Ice
<u>Lab Testing:</u>		Rejected: No	Temp: 4 C			
8015M Chloride						

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306461
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

Lab ID: 0306461-01
Sample ID: SS-71

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		5/11/03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	34.2	10.0
TOTAL, C6-C35	34.2	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	128%	70	130
1-Chlorooctadecane	115%	70	130

Approval:

Raland K. Tuttle
Raland K. Tuttle, Lab Director, QA Officer
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

Date

5-13-03

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

Page 1 of 1

ENVIRONMENTAL LAB OF TEXAS I, LTD.

12600 West I-20 East, Odessa, TX 79765 Ph: 915-563-1800

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306461
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

Lab ID: 0306461-01
Sample ID: SS-71

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution</u> <u>Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date</u> <u>Analyzed</u>	<u>Analyst</u>
Chloride	106	mg/kg	1	20	9253	5/12/03	CK

Approval: *Raland K Tuttle* 5-13-03
Raland K. Tuttle, Lab Director, QA Officer Date
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

RL = Reporting Limit N/A = Not Applicable

Page 1 of 1

ENVIRONMENTAL LAB OF TEXAS I, LTD.

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ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8015M

Order#: G0306461

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005491-02			<10.0		
CONTROL	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005491-03		952	968	101.7%	
CONTROL DUP	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005491-04		952	1025	107.7%	5.7%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005491-05		1000	979	97.9%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Test Parameters

Order#: G0306461

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0005496-01			<20.0		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0306447-01	0	500	514	102.8%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0306447-01	0	500	514	102.8%	0.0%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0005496-04		5000	5140	102.8%	

ANALYTICAL REPORT

Prepared for:

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Project: Texaco/Turner

PO#:

Order#: G0306493

Report Date: 05/16/2003

Certificates

US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710
915-687-0456

Order#: G0306493
Project: 0-0107
Project Name: Texaco/Turner
Location: None Given

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

<u>Lab ID:</u>	<u>Sample :</u>	<u>Matrix:</u>	<u>Date / Time</u> <u>Collected</u>	<u>Date / Time</u> <u>Received</u>	<u>Container</u>	<u>Preservative</u>
0306493-01	SS-72@ 5 ft.	SOIL	5/13/03 8:35	5/14/03 16:50	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 4.5 C		
0306493-02	SS-73@ 5 ft.	SOIL	5/13/03 8:37	5/14/03 16:50	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 4.5 C		
0306493-03	SS-74@ 5 ft.	SOIL	5/13/03 8:39	5/14/03 16:50	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 4.5 C		
0306493-04	SS-75@ 5 ft.	SOIL	5/13/03 8:41	5/14/03 16:50	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 4.5 C		
0306493-05	SS-76@ 30 ft.	SOIL	5/14/03 11:30	5/14/03 16:50	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 4.5 C		

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306493
Project: 0-0107
Project Name: Texaco/Turner
Location: None Given

Lab ID: 0306493-01
Sample ID: SS-72@ 5 ft.

8015M

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
		5/15/03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	110%	70	130
1-Chlorooctadecane	91%	70	130

Lab ID: 0306493-02
Sample ID: SS-73@ 5 ft.

8015M

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
		5/15/03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	114%	70	130
1-Chlorooctadecane	96%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306493
Project: 0-0107
Project Name: Texaco/Turner
Location: None Given

Lab ID: 0306493-03
Sample ID: SS-74@ 5 ft.

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		5/15/03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	115%	70	130
1-Chlorooctadecane	96%	70	130

Lab ID: 0306493-04
Sample ID: SS-75@ 5 ft.

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		5/15/03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	88%	70	130
1-Chlorooctadecane	74%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

Page 2 of 3

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306493
Project: 0-0107
Project Name: Texaco/Turner
Location: None Given

Lab ID: 0306493-05
Sample ID: SS-76@ 30 ft.

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		5/15/03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	1,040	10.0
DRO, >C12-C35	3,080	10.0
TOTAL, C6-C35	4,120	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	167%	70	130
1-Chlorooctadecane	111%	70	130

Approval:

Raland K. Tuttle, Lab Director, QA Officer
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

Date

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

Page 3 of 3

ENVIRONMENTAL LAB OF TEXAS I, LTD.

12600 West I-20 East, Odessa, TX 79765 Ph: 915-563-1800

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8015M

Order#: G0306493

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005544-02			<10.0		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0306502-01	0	1904	1634	85.8%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0306502-01	0	1904	1715	90.1%	4.8%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005544-05		1000	1053	105.3%	

CASE NARRATIVE

ENVIRONMENTAL LAB OF TEXAS

Prepared for:

LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306493

Project: Texaco/Turner

The following samples were received as indicated below and on the attached Chain of Custody record. All analyses were performed within the holding time and with acceptable quality control results unless otherwise noted.

SAMPLE ID	LAB ID	MATRIX	Date Collected	Date Received
SS-72@ 5 ft.	0306493-01	SOIL	05/13/2003	05/14/2003
SS-73@ 5 ft.	0306493-02	SOIL	05/13/2003	05/14/2003
SS-74@ 5 ft.	0306493-03	SOIL	05/13/2003	05/14/2003
SS-75@ 5 ft.	0306493-04	SOIL	05/13/2003	05/14/2003
SS-76@ 30 ft.	0306493-05	SOIL	05/14/2003	05/14/2003

Surrogate recoveries on 8015M TPH are outside control limits due to matrix interference of coeluting compounds. (0306493-05)

The enclosed results of analyses are representative of the samples as received by the laboratory. Environmental Lab of Texas makes no representations or certifications as to the methods of sample collection, sample identification, or transportation handling procedures used prior to our receipt of samples. To the best of my knowledge, the information contained in this report is accurate and complete.

Approved By: Ral - dk jw Date: 5-19-03
Environmental Lab of Texas I, Ltd.

CLIENT NAME:	SITE MANAGER:
--------------	---------------

Laarson &
son associates, Inc. Fax: 915-687-0456
Environmental Consultants 915-687-0901
507 N. Marjinfeld, Ste. 202 • Midland, TX 79701

TEXACO	PROJECT NO.: 0-0107	PROJECT NAME: Turner	John Stewart
--------	------------------------	-------------------------	--------------

LAB. I.D. NUMBER (LAB USE ONLY)	REMARKS (I.E., FILTERED, UNFILTERED, PRESERVED, UNPRESERVED, GRAB COMPOSITE)
---------------------------------------	---

PAGE	DATE	TIME	WATER	SOIL	OTHER	SAMPLE IDENTIFICATION	LAB. PO #

[illegible]

5/13	8:35	✓	SS-72 @ 5.47
81	8:37	✓	SS-73 @ 5.47

[illegible][illegible]

11	839	✓	55-74 C 54
11	841	✓	55-75 C 64

--	--

[illegible]

11.30	✓	15.74	16.30

[illegible][illegible][illegible][illegible]

--	--

[illegible]

[illegible][illegible][illegible][illegible][illegible]

RECEIVED BY: (Signature) _____
DATE: _____
TIME: _____

AMPLE SHIPPED BY: (Circle)

DATE: 3/14/05
TIME: 4:50P
DATE: _____

SAMPLED BY: (Signature)	RELINQUISHED BY: (Signature)
DATE: 5/13/94	DATE: 5/11/94
TIME: 2	

EX	BUS	AIRBILL #:
ND DELIVERED	UPS	OTHER:

TIME: _____	TURNAROUND TIME NEEDED
-------------	------------------------

REPLY QUALIFIED BY: 159-1045
 TIME: 12:45
 COMMENTS: See Student

WHITE - RECEIVING LAB
LOW - RECEIVING LAB (TO BE RETURNED TO
 LA AFTER RECEIPT)
 PROJECT MANAGER

(Signature)	A.
-------------	----

Call Cindy Grant w/ results - 558-3866

RECEIVING LABORATORY: Env. Lab of TX

REF: _____

- PROJECT MANAGER
- QA/QC COORDINATOR

McMurray
1/4-03 TIME: 1650

ADDRESS: 12000 W 1-20 E STATE: TX ZIP: 79765
CITY: Odessa PHONE: _____
CONTACT: _____

SAMPLE TYPE: Soil

ACT PERSON: *not here*

SAMPLE CONDITION WHEN RECEIVED: 4,5°C Ho2glass

ANALYTICAL REPORT

Prepared for:

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Project: Turner

PO#:

Order#: G0306626

Report Date: 06/06/2003

Certificates

US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710
915-687-0456

Order#: G0306626
Project: 0-0107
Project Name: Turner
Location: None Given

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

<u>Lab ID:</u>	<u>Sample :</u>	<u>Matrix:</u>	<u>Date / Time</u> <u>Collected</u>	<u>Date / Time</u> <u>Received</u>	<u>Container</u>	<u>Preservative</u>
0306626-01	SS-80	SOIL	6/2/03 11:35	6/2/03 18:30	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 4.0 C		
0306626-02	SS-81	SOIL	6/2/03 11:40	6/2/03 18:30	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 4.0 C		
0306626-03	SS-82	SOIL	6/2/03 11:45	6/2/03 18:30	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 4.0 C		

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306626
Project: 0-0107
Project Name: Turner
Location: None Given

Lab ID: 0306626-01
Sample ID: SS-80

8015M

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		6/3/03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	108%	70	130
1-Chlorooctadecane	121%	70	130

Lab ID: 0306626-02
Sample ID: SS-81

8015M

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		6/3/03	1	2	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<20.0	20.0
DRO, >C12-C35	24.2	20.0
TOTAL, C6-C35	24.2	20.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	50%	70	130
1-Chlorooctadecane	49%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

Page 1 of 2

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306626
Project: 0-0107
Project Name: Turner
Location: None Given

Lab ID: 0306626-03
Sample ID: SS-82

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		6/3/03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	102%	70	130
1-Chlorooctadecane	105%	70	130

Approval:

Raland K. Tuttle, Lab Director, QA Officer
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

Date

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

Page 2 of 2

ENVIRONMENTAL LAB OF TEXAS I, LTD.

12600 West I-20 East, Odessa, TX 79765 Ph: 915-563-1800

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306626
Project: 0-0107
Project Name: Turner
Location: None Given

Lab ID: 0306626-01
Sample ID: SS-80

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
0005754-02		6/6/03 9:50	1	25	JMM	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	86%	80	120
Bromofluorobenzene	90%	80	120

Lab ID: 0306626-02
Sample ID: SS-81

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
0005754-02		6/6/03 10:12	1	25	JMM	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	89%	80	120
Bromofluorobenzene	88%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

Page 1 of 2

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306626
Project: 0-0107
Project Name: Turner
Location: None Given

Lab ID: 0306626-03
Sample ID: SS-82

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
0005754-02		6/6/03 12:24	1	25	JMM	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	83%	80	120
Bromofluorobenzene	94%	80	120

Approval:

Raland K. Tuttle, Lab Director, QA Officer
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

Date

6-09-03

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

Page 2 of 2

ENVIRONMENTAL LAB OF TEXAS I, LTD.

12600 West I-20 East, Odessa, TX 79765 Ph: 915-563-1800

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306626
Project: 0-0107
Project Name: Turner
Location: None Given

Lab ID: 0306626-01
Sample ID: SS-80

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	1170	mg/kg	1	20	9253	6/6/03	SB

Lab ID: 0306626-02
Sample ID: SS-81

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	408	mg/kg	1	20	9253	6/6/03	SB

Lab ID: 0306626-03
Sample ID: SS-82

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	1450	mg/kg	1	20	9253	6/6/03	SB

Approval:

Cele D. Keene 06/06/03
Raland K. Tuttle, Lab Director, QA Officer
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

Date

RL = Reporting Limit N/A = Not Applicable

Page 1 of 1

ENVIRONMENTAL LAB OF TEXAS I, LTD.

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ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8015M

Order#: G0306626

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005726-02			<10.0		
CONTROL	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005726-03		952	1094	114.9%	
CONTROL DUP	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005726-04		952	1084	113.9%	0.9%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005726-05		1000	1211	121.1%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0306626

BLANK						
	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery
Benzene-mg/kg		0005754-02			<0.025	
Toluene-mg/kg		0005754-02			<0.025	
Ethylbenzene-mg/kg		0005754-02			<0.025	
p/m-Xylene-mg/kg		0005754-02			<0.025	
o-Xylene-mg/kg		0005754-02			<0.025	
MS						
	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery
Benzene-mg/kg		0306659-02	0	0.1	0.094	94.%
Toluene-mg/kg		0306659-02	0	0.1	0.092	92.%
Ethylbenzene-mg/kg		0306659-02	0	0.1	0.094	94.%
p/m-Xylene-mg/kg		0306659-02	0	0.2	0.195	97.5%
o-Xylene-mg/kg		0306659-02	0	0.1	0.092	92.%
MSD						
	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery
Benzene-mg/kg		0306659-02	0	0.1	0.092	92.%
Toluene-mg/kg		0306659-02	0	0.1	0.087	87.%
Ethylbenzene-mg/kg		0306659-02	0	0.1	0.086	86.%
p/m-Xylene-mg/kg		0306659-02	0	0.2	0.178	89.%
o-Xylene-mg/kg		0306659-02	0	0.1	0.084	84.%
SRM						
	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery
Benzene-mg/kg		0005754-05		0.1	0.097	97.%
Toluene-mg/kg		0005754-05		0.1	0.094	94.%
Ethylbenzene-mg/kg		0005754-05		0.1	0.090	90.%
p/m-Xylene-mg/kg		0005754-05		0.2	0.186	93.%
o-Xylene-mg/kg		0005754-05		0.1	0.088	88.%

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Test Parameters

Order#: G0306626

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0005764-01			<20.0		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0306647-01	2300	500	2820	104.%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0306647-01	2300	500	2840	108.%	0.7%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0005764-04		5000	4960	99.2%	

CASE NARRATIVE

ENVIRONMENTAL LAB OF TEXAS

Prepared for:

LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306626

Project: Turner

The following samples were received as indicated below and on the attached Chain of Custody record. All analyses were performed within the holding time and with acceptable quality control results unless otherwise noted.

SAMPLE ID	LAB ID	MATRIX	Date Collected	Date Received
SS-80	0306626-01	SOIL	06/02/2003	06/02/2003
SS-81	0306626-02	SOIL	06/02/2003	06/02/2003
SS-82	0306626-03	SOIL	06/02/2003	06/02/2003

Surrogate recoveries on 8015M TPH are outside of control limits due to dilution (G0306626-02).

The enclosed results of analyses are representative of the samples as received by the laboratory. Environmental Lab of Texas makes no representations or certifications as to the methods of sample collection, sample identification, or transportation handling procedures used prior to our receipt of samples. To the best of my knowledge, the information contained in this report is accurate and complete.

Approved By: _____

Environmental Lab of Texas I, Ltd.

Date: _____

06/04/03

CLIENT NAME: Texaco		SITE MANAGER: John Stewart		PARAMETERS/METHOD NUMBER		CHAIN—OF—CUSTODY RECORD	
PROJECT NO.: 0-0107		PROJECT NAME: Turner		NUMBER OF CONTAINERS		LARSON & ASSOCIATES, Inc. Environmental Consultants 507 N. Martenfeld, Ste. 202 • Midland, TX 79701 915-687-0901	
PAGE	OF	LAB. PO #	SAMPLE IDENTIFICATION		LAB. I.D. NUMBER (LAB USE ONLY)		REMARKS (I.E., FILTERED, UNFILTERED, PRESERVED, UNPRESERVED, GRAB COMPOSITE)
DATE	TIME	WATER	SOIL	OTHER			
6/2	1135		✓				
6/2	1140		✓				
6/2	1145		✓				
COMMENTS: Please call sometime this week					RECEIVED BY: (Signature) John Stewart		
RECEIVING LABORATORY: 12600 W. I-20 E					RECEIVED BY: (Signature) John Stewart		
ADDRESS: ODESSA					RECEIVED BY: (Signature) John Stewart		
CITY: ODESSA					RECEIVED BY: (Signature) John Stewart		
STATE: TX					RECEIVED BY: (Signature) John Stewart		
ZIP: 79761					RECEIVED BY: (Signature) John Stewart		
PHONE:					RECEIVED BY: (Signature) John Stewart		
SAMPLE CONDITION WHEN RECEIVED:					RECEIVED BY: (Signature) John Stewart		
LA CONTACT PERSON: Per 48					RECEIVED BY: (Signature) John Stewart		
LA CONTACT PERSON: Cinda Cane					RECEIVED BY: (Signature) John Stewart		
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LA CONTACT PERSON: Per 48					RECEIVED BY: (Signature) John Stewart		
LA CONTACT							

010203

ANALYTICAL REPORT

Prepared for:

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Project: Texaco Turner
PO#: 0-0107
Order#: G0306659
Report Date: 06/06/2003

Certificates

US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710
915-687-0456

Order#: G0306659
Project:
Project Name: Texaco Turner
Location:

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

<u>Lab ID:</u>	<u>Sample :</u>	<u>Matrix:</u>	<u>Date / Time</u> <u>Collected</u>	<u>Date / Time</u> <u>Received</u>	<u>Container</u>	<u>Preservative</u>
0306659-01	SS-83	SOIL	6/5/03 7:30	6/5/03 18:05	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 4 C		
0306659-02	SS-84	SOIL	6/5/03 7:32	6/5/03 18:05	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 4 C		
0306659-03	SS-85	SOIL	6/5/03 7:34	6/5/03 18:05	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 4 C		
0306659-04	SS-86	SOIL	6/5/03 7:36	6/5/03 18:05	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 4 C		
0306659-05	SS-87	SOIL	6/5/03 7:38	6/5/03 18:05	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 4 C		
0306659-06	SS-88	SOIL	6/5/03 7:40	6/5/03 18:05	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 4 C		

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710
915-687-0456

Order#: G0306659
Project:
Project Name: Texaco Turner
Location:

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

<u>Lab ID:</u>	<u>Sample :</u>	<u>Matrix:</u>	<u>Date / Time</u> <u>Collected</u>	<u>Date / Time</u> <u>Received</u>	<u>Container</u>	<u>Preservative</u>
	8021B/5030 BTEX Chloride					
0306659-07	SS-89	SOIL	6/5/03 7:42	6/5/03 18:05	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 4 C		
0306659-08	SS-90	SOIL	6/5/03 7:44	6/5/03 18:05	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 4 C		
0306659-09	SS-91	SOIL	6/5/03 7:46	6/5/03 18:05	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 4 C		
0306659-10	SS-92	SOIL	6/5/03 7:48	6/5/03 18:05	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 4 C		
0306659-11	SS-93	SOIL	6/5/03 7:50	6/5/03 18:05	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 4 C		

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710
915-687-0456

Order#: G0306659
Project:
Project Name: Texaco Turner
Location:

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

<u>Lab ID:</u>	<u>Sample :</u>	<u>Matrix:</u>	<u>Date / Time</u> <u>Collected</u>	<u>Date / Time</u> <u>Received</u>	<u>Container</u>	<u>Preservative</u>
0306659-12	SS-94	SOIL	6/5/03 7:52	6/5/03 18:05	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 4 C		
0306659-13	SS-95	SOIL	6/5/03 7:54	6/5/03 18:05	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 4 C		
0306659-14	SS-96	SOIL	6/5/03 7:56	6/5/03 18:05	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 4 C		
0306659-15	SS-97	SOIL	6/5/03 12:30	6/5/03 18:05	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 4 C		
0306659-16	SS-98	SOIL	6/5/03 12:35	6/5/03 18:05	4 oz Glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 4 C		

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306659
Project:
Project Name: Texaco Turner
Location:

Lab ID: 0306659-01
Sample ID: SS-83

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		6/6/03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	13.9	10.0
TOTAL, C6-C35	13.9	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	106%	70	130
1-Chlorooctadecane	87%	70	130

8021B/5030 BTEX

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
0005754-02		6/5/03 19:48	1	25	JMM	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	99%	80	120
Bromofluorobenzene	84%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306659
Project:
Project Name: Texaco Turner
Location:

Lab ID: 0306659-02
Sample ID: SS-84

8015M

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
Blank	Prepared	Analyzed	Amount	Factor		
		6/6/03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	114%	70	130
1-Chlorooctadecane	91%	70	130

8021B/5030 BTEX

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
Blank	Prepared	Analyzed	Amount	Factor		
0005754-02		6/5/03 20:10	1	25	JMM	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	93%	80	120
Bromofluorobenzene	87%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306659
Project:
Project Name: Texaco Turner
Location:

Lab ID: 0306659-03
Sample ID: SS-85

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		6/6/03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	94%	70	130
1-Chlorooctadecane	76%	70	130

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
0005754-02		6/5/03 20:32	1	25	JMM	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	93%	80	120
Bromofluorobenzene	85%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306659
Project:
Project Name: Texaco Turner
Location:

Lab ID: 0306659-04
Sample ID: SS-86

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
Blank	Prepared	Analyzed	Amount	Factor		
		6/6/03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	106%	70	130
1-Chlorooctadecane	76%	70	130

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution	Analyst	Method
Blank	Prepared	Analyzed	Amount	Factor		
0005754-02		6/5/03 20:54	1	25	JMM	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	92%	80	120
Bromofluorobenzene	85%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306659
Project:
Project Name: Texaco Turner
Location:

Lab ID: 0306659-05
Sample ID: SS-87

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		6/6/03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	105%	70	130
1-Chlorooctadecane	72%	70	130

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
0005754-02		6/5/03 21:16	1	25	JMM	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	92%	80	120
Bromofluorobenzene	84%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306659
Project:
Project Name: Texaco Turner
Location:

Lab ID: 0306659-06
Sample ID: SS-88

8015M

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
		6/6/03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	98%	70	130
1-Chlorooctadecane	73%	70	130

8021B/5030 BTEX

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
0005754-02		6/5/03 21:38	1	25	JMM	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	94%	80	120
Bromofluorobenzene	90%	80	120

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306659
Project:
Project Name: Texaco Turner
Location:

Lab ID: 0306659-07
Sample ID: SS-89

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		6/6/03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	94%	70	130
1-Chlorooctadecane	71%	70	130

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
0005754-02		6/5/03 22:00	1	25	JMM	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	90%	80	120
Bromofluorobenzene	96%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306659
Project:
Project Name: Texaco Turner
Location:

Lab ID: 0306659-08
Sample ID: SS-90

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		6/6/03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	18.6	10.0
TOTAL, C6-C35	18.6	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	97%	70	130
1-Chlorooctadecane	72%	70	130

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
0005754-02		6/5/03 22:22	1	25	JMM	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	87%	80	120
Bromofluorobenzene	85%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306659
Project:
Project Name: Texaco Turner
Location:

Lab ID: 0306659-09
Sample ID: SS-91

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		6/6/03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	115%	70	130
1-Chlorooctadecane	82%	70	130

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
0005754-02		6/5/03 22:44	1	25	JMM	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	90%	80	120
Bromofluorobenzene	89%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306659
Project:
Project Name: Texaco Turner
Location:

Lab ID: 0306659-10
Sample ID: SS-92

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		6/6/03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	111%	70	130
1-Chlorooctadecane	74%	70	130

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
0005754-02		6/5/03 23:28	1	25	JMM	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	87%	80	120
Bromofluorobenzene	81%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306659
Project:
Project Name: Texaco Turner
Location:

Lab ID: 0306659-11
Sample ID: SS-93

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		6/6/03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	19.3	10.0
TOTAL, C6-C35	19.3	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	111%	70	130
1-Chlorooctadecane	73%	70	130

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
0005754-02		6/5/03 23:50	1	25	JMM	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	84%	80	120
Bromofluorobenzene	84%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306659
Project:
Project Name: Texaco Turner
Location:

Lab ID: 0306659-12
Sample ID: SS-94

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		6/6/03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	96%	70	130
1-Chlorooctadecane	70%	70	130

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
0005754-02		6/6/03 0:12	1	25	JMM	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	88%	80	120
Bromofluorobenzene	85%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306659
Project:
Project Name: Texaco Turner
Location:

Lab ID: 0306659-13
Sample ID: SS-95

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		6/6/03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	94%	70	130
1-Chlorooctadecane	70%	70	130

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0005754-02		6/6/03 0:34	1	25	JMM	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	90%	80	120
Bromofluorobenzene	82%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306659
Project:
Project Name: Texaco Turner
Location:

Lab ID: 0306659-14
Sample ID: SS-96

8015M

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
		6/6/03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	31.8	10.0
TOTAL, C6-C35	31.8	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	114%	70	130
1-Chlorooctadecane	76%	70	130

8021B/5030 BTEX

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
0005754-02		6/6/03 0:56	1	25	JMM	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	86%	80	120
Bromofluorobenzene	82%	80	120

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306659
Project:
Project Name: Texaco Turner
Location:

Lab ID: 0306659-15
Sample ID: SS-97

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		6/6/03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	112%	70	130
1-Chlorooctadecane	72%	70	130

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
0005754-02		6/6/03 9:06	1	25	JMM	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	102%	80	120
Bromofluorobenzene	86%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

Page 15 of 16

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306659
Project:
Project Name: Texaco Turner
Location:

Lab ID: 0306659-16
Sample ID: SS-98

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		6/6/03	1	1	WL	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	113%	70	130
1-Chlorooctadecane	71%	70	130

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0005754-02		6/6/03 9:28	1	25	JMM	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	89%	80	120
Bromofluorobenzene	92%	80	120

Approval:

Raland K. Tuttle, Lab Director, QA Officer
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

Date

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

Page 16 of 16

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306659
Project:
Project Name: Texaco Turner
Location:

Lab ID: 0306659-01
Sample ID: SS-83

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	319	mg/kg	1	20	9253	6/6/03	SB

Lab ID: 0306659-02
Sample ID: SS-84

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	337	mg/kg	1	20	9253	6/6/03	SB

Lab ID: 0306659-03
Sample ID: SS-85

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	319	mg/kg	1	20	9253	6/6/03	SB

Lab ID: 0306659-04
Sample ID: SS-86

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	319	mg/kg	1	20	9253	6/6/03	SB

Lab ID: 0306659-05
Sample ID: SS-87

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	354	mg/kg	1	20	9253	6/6/03	SB

Lab ID: 0306659-06
Sample ID: SS-88

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	284	mg/kg	1	20	9253	6/6/03	SB

RL = Reporting Limit N/A = Not Applicable

Page 1 of 3

ENVIRONMENTAL LAB OF TEXAS I, LTD. 12600 West I-20 East, Odessa, TX 79765 Ph: 915-563-1800

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306659
Project:
Project Name: Texaco Turner
Location:

Lab ID: 0306659-07
Sample ID: SS-89

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	284	mg/kg	1	20	9253	6/6/03	SB

Lab ID: 0306659-08
Sample ID: SS-90

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	301	mg/kg	1	20	9253	6/6/03	SB

Lab ID: 0306659-09
Sample ID: SS-91

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	284	mg/kg	1	20	9253	6/6/03	SB

Lab ID: 0306659-10
Sample ID: SS-92

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	248	mg/kg	1	20	9253	6/6/03	SB

Lab ID: 0306659-11
Sample ID: SS-93

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	337	mg/kg	1	20	9253	6/6/03	SB

Lab ID: 0306659-12
Sample ID: SS-94

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	142	mg/kg	1	20	9253	6/6/03	SB

RL = Reporting Limit N/A = Not Applicable

Page 2 of 3

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306659
Project:
Project Name: Texaco Turner
Location:

Lab ID: 0306659-13
Sample ID: SS-95

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	142	mg/kg	1	20	9253	6/6/03	SB

Lab ID: 0306659-14
Sample ID: SS-96

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	213	mg/kg	1	20	9253	6/6/03	SB

Lab ID: 0306659-15
Sample ID: SS-97

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	195	mg/kg	1	20	9253	6/6/03	SB

Lab ID: 0306659-16
Sample ID: SS-98

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	70.9	mg/kg	1	20	9253	6/6/03	SB

Approval:

Raland K. Tuttle 6-06-03
Raland K. Tuttle, Lab Director, QA Officer
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

Date

RL = Reporting Limit N/A = Not Applicable

Page 3 of 3

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8015M

Order#: G0306659

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005753-02			<10.0		
CONTROL	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005753-03		952	1096	115.1%	
CONTROL DUP	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005753-04		952	1075	112.9%	1.9%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005753-05		1000	1124	112.4%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0306659

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0005754-02			<0.025		
Toluene-mg/kg		0005754-02			<0.025		
Ethylbenzene-mg/kg		0005754-02			<0.025		
p/m-Xylene-mg/kg		0005754-02			<0.025		
o-Xylene-mg/kg		0005754-02			<0.025		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0306659-02	0	0.1	0.094	94.%	
Toluene-mg/kg		0306659-02	0	0.1	0.092	92.%	
Ethylbenzene-mg/kg		0306659-02	0	0.1	0.094	94.%	
p/m-Xylene-mg/kg		0306659-02	0	0.2	0.195	97.5%	
o-Xylene-mg/kg		0306659-02	0	0.1	0.092	92.%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0306659-02	0	0.1	0.092	92.%	2.2%
Toluene-mg/kg		0306659-02	0	0.1	0.087	87.%	5.6%
Ethylbenzene-mg/kg		0306659-02	0	0.1	0.086	86.%	8.9%
p/m-Xylene-mg/kg		0306659-02	0	0.2	0.178	89.%	9.1%
o-Xylene-mg/kg		0306659-02	0	0.1	0.084	84.%	9.1%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0005754-05		0.1	0.097	97.%	
Toluene-mg/kg		0005754-05		0.1	0.094	94.%	
Ethylbenzene-mg/kg		0005754-05		0.1	0.090	90.%	
p/m-Xylene-mg/kg		0005754-05		0.2	0.186	93.%	
o-Xylene-mg/kg		0005754-05		0.1	0.088	88.%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Test Parameters

Order#: G0306659

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0005749-01			<20.0		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0306659-01	319	500	780	92.2%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0306659-01	319	500	762	88.6%	2.3%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0005749-04		5000	4960	99.2%	

CHAIN—OF—CUSTODY RECORD

LA arson & ssociates, Inc. Fax: 915-687-0456
Environmental Consultants 915-687-0901
507 N. Marienfeld, Ste. 202 • Midland, TX 79701

CLIENT NAME:		SITE MANAGER:		PARAMETERS/METHOD NUMBER		REMARKS	
PROJECT NO.:		PROJECT NAME:		LAB. I.D. NUMBER		(LAB. USE ONLY)	
PAGE 1 OF 1		LAB. PO #		LAB. I.D. NUMBER		(LAB. USE ONLY)	
DATE		TIME		WATER		SOIL	
DATE		TIME		WATER		SOIL	
5/6/03	730	✓	✓	SS-83	1	✓	✓
"	732	✓	✓	SS-84	1	✓	✓
"	734	✓	✓	SS-85	1	✓	✓
"	736	✓	✓	SS-86	1	✓	✓
"	738	✓	✓	SS-87	1	✓	✓
"	740	✓	✓	SS-88	1	✓	✓
"	742	✓	✓	SS-89	1	✓	✓
"	744	✓	✓	SS-90	1	✓	✓
"	746	✓	✓	SS-91	1	✓	✓
"	748	✓	✓	SS-92	1	✓	✓
"	750	✓	✓	SS-93	1	✓	✓
"	752	✓	✓	SS-94	1	✓	✓
"	754	✓	✓	SS-95	1	✓	✓
"	756	✓	✓	SS-96	1	✓	✓
"	1230	✓	✓	SS-97	1	✓	✓
"	1235	✓	✓	SS-98	1	✓	✓

SAMPLED BY: (Signature)		DATE: 5/6/03		RELINQUISHED BY: (Signature)		DATE: 5/6/03		RECEIVED BY: (Signature)		DATE: 5/6/03	
TIME: 7:30		TIME: 7:30		TIME: 7:30		TIME: 7:30		TIME: 7:30		TIME: 7:30	
John Stewart		7:30		John Stewart		7:30		John Stewart		7:30	
John Stewart		7:30		John Stewart		7:30		John Stewart		7:30	

COMMENTS:		TURNAROUND TIME NEEDED	
Please reply w/ results by Friday Afternoon if possible		Quickly	
RECEIVING LABORATORY: E207		RECEIVED BY: (Signature)	
ADDRESS:		DATE: 5/6/03	
CITY:		TIME: 1800	
STATE:		ZIP:	
PHONE:		LA CONTACT PERSON:	
CONTACT:		Cindy (rene)	

SAMPLE CONDITION WHEN RECEIVED:		SAMPLE TYPE:	
Ac 4°C		Soil	

ANALYTICAL REPORT

Prepared for:

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Project: Turner/Texaco
PO#: 0-0107
Order#: G0306799
Report Date: 06/25/2003

Certificates

US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710
915-687-0456

Order#: G0306799
Project:
Project Name: Turner/Texaco
Location:

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

<u>Lab ID:</u>	<u>Sample :</u>	<u>Matrix:</u>	<u>Date / Time</u> <u>Collected</u>	<u>Date / Time</u> <u>Received</u>	<u>Container</u>	<u>Preservative</u>
0306799-01	SS-Pile (99)	SOIL	6/20/03	6/20/03 16:00	4 oz Glass	None
<u>Lab Testing:</u>		Rejected: No	Temp:	35.5 C		
8015M						

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306799
Project:
Project Name: Turner/Texaco
Location:

Lab ID: 0306799-01
Sample ID: SS-Pile

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		6/24/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	40.4	10.0
TOTAL, C6-C35	40.4	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	96%	70	130
1-Chlorooctadecane	95%	70	130

Approval:

Celey D. Keene 06/25/03
Raland K. Tuttle, Lab Director, QA Officer
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

Date

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8015M

Order#: G0306799

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005965-02			<10.0		
CONTROL	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005965-03		952	825	86.7%	
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0306802-01	23.4	952	1190	122.5%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0306802-01	23.4	952	1200	123.6%	0.8%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005965-05		1000	1050	105.0%	

CLIENT NAME:	SITE MANAGER:
--------------	---------------

PROJECT NO.:	0-8107	PROJECT NAME:	Turner
DATE	1-28-60	BY	John S. Newman

DATE	TIME	WATER	SOIL	OTHER	SAMPLE IDENTIFICATION	NUMBER OF

6/20	✓	SS-Pile	1
------	---	---------	---

[illegible][illegible][illegible]

--	--	--	--	--	--	--	--

[illegible][illegible]

					SAMPLED BY: (Signature) _____	DATE: <u>6/20</u>	RELINQUISHED BY:
--	--	--	--	--	-------------------------------	-------------------	------------------

RELINQUISHED BY: (Signature) <i>[Signature]</i>	DATE: _____ TIME: _____	RECEIVED BY: (Signature) <i>[Signature]</i>	DATE: _____ TIME: _____
--	----------------------------	--	----------------------------

COMMENTS: *Mon day if possible*

RECEIVING LABORATORY: Env. Lab of Texas RECEIVED: _____
 ADDRESS: _____
 CITY: _____ STATE: _____ ZIP: _____

CMT: _____ CONTACT: _____ PHONE: _____ DATE: _____
 SAMPLE CONDITION WHEN RECEIVED: _____
 LA C

3350

ANALYTICAL REPORT

Prepared for:

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Project: Turner

PO#:

Order#: G0306806

Report Date: 06/25/2003

Certificates

US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710
915-687-0456

Order#: G0306806
Project: 0-0107
Project Name: Turner
Location: None Given

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

<u>Lab ID:</u>	<u>Sample :</u>	<u>Matrix:</u>	<u>Date / Time</u> <u>Collected</u>	<u>Date / Time</u> <u>Received</u>	<u>Container</u>	<u>Preservative</u>
0306806-01	SS-100	SOIL	6/23/03 14:10	6/23/03 17:15	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 1.5 C		
0306806-02	SS-101	SOIL	6/23/03 14:15	6/23/03 17:15	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 1.5 C		
0306806-03	SS-102	SOIL	6/23/03 14:20	6/23/03 17:15	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 1.5 C		
0306806-04	SS-103	SOIL	6/23/03 14:30	6/23/03 17:15	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 1.5 C		
0306806-05	SS-104	SOIL	6/23/03 14:35	6/23/03 17:15	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 1.5 C		
0306806-06	SS-105	SOIL	6/23/03 14:40	6/23/03 17:15	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 1.5 C		

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306806
Project: 0-0107
Project Name: Turner
Location: None Given

Lab ID: 0306806-01
Sample ID: SS-100

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		6/25/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	28.3	10.0
TOTAL, C6-C35	28.3	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	124%	70	130
1-Chlorooctadecane	129%	70	130

Lab ID: 0306806-02
Sample ID: SS-101

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		6/25/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	36.6	10.0
DRO, >C12-C35	2,150	10.0
TOTAL, C6-C35	2,187	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	106%	70	130
1-Chlorooctadecane	114%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

Page 1 of 3

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306806
Project: 0-0107
Project Name: Turner
Location: None Given

Lab ID: 0306806-03
Sample ID: SS-102

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		6/25/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	35.8	10.0
TOTAL, C6-C35	35.8	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	110%	70	130
1-Chlorooctadecane	114%	70	130

Lab ID: 0306806-04
Sample ID: SS-103

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		6/25/03	1	10	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	310	100
DRO, >C12-C35	4500	100
TOTAL, C6-C35	4810	100

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	14%	70	130
1-Chlorooctadecane	14%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

Page 2 of 3

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306806
Project: 0-0107
Project Name: Turner
Location: None Given

Lab ID: 0306806-05
Sample ID: SS-104

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		6/25/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	13.6	10.0
DRO, >C12-C35	3,570	10.0
TOTAL, C6-C35	3,584	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	145%	70	130
1-Chlorooctadecane	158%	70	130

Lab ID: 0306806-06
Sample ID: SS-105

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		6/25/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	18.1	10.0
DRO, >C12-C35	165	10.0
TOTAL, C6-C35	183	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	105%	70	130
1-Chlorooctadecane	112%	70	130

Approval:

Raland K. Tuttle, Lab Director, QA Officer
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

Date

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

Page 3 of 3

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8015M

Order#: G0306806

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005967-02			<10.0		
CONTROL	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005967-03		952	825	86.7%	
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0306806-03	35.8	952	1023	103.7%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0306806-03	35.8	952	1037	105.2%	1.4%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005967-05		1000	1030	103.3%	

CASE NARRATIVE

ENVIRONMENTAL LAB OF TEXAS

Prepared for:

LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306806

Project: Turner

The following samples were received as indicated below and on the attached Chain of Custody record. All analyses were performed within the holding time and with acceptable quality control results unless otherwise noted.

SAMPLE ID	LAB ID	MATRIX	Date Collected	Date Received
SS-100	0306806-01	SOIL	06/23/2003	06/23/2003
SS-101	0306806-02	SOIL	06/23/2003	06/23/2003
SS-102	0306806-03	SOIL	06/23/2003	06/23/2003
SS-103	0306806-04	SOIL	06/23/2003	06/23/2003
SS-104	0306806-05	SOIL	06/23/2003	06/23/2003
SS-105	0306806-06	SOIL	06/23/2003	06/23/2003

Surrogate recoveries on the 8015M TPH are outside of control limits due to dilution (0306806-04).

Surrogate recoveries on the 8015M TPH are outside control limits due to matrix interference.
(0306806-05)

The enclosed results of analyses are representative of the samples as received by the laboratory. Environmental Lab of Texas makes no representations or certifications as to the methods of sample collection, sample identification, or transportation handling procedures used prior to our receipt of samples. To the best of my knowledge, the information contained in this report is accurate and complete.

Approved By: _____

Environmental Lab of Texas I, Ltd.

Date: _____

06/25/03

CHAIN—OF—CUSTODY RECORD

LA arson & associates, Inc. Fax: 915-687-0456
Environmental Consultants 915-687-0901
507 N. Marientfeld, Ste. 202 • Midland, TX 79701

LAB. I.D. NUMBER (LAB USE ONLY)
REMARKS
(I.E., FILTERED, UNFILTERED, PRESERVED, UNPRESERVED, GRAB COMPOSITE)

PARAMETERS/METHOD NUMBER

NUMBER OF CONTAINERS

SITE MANAGER:

PROJECT NAME:

PAGE OF LAB. PO #

SAMPLE IDENTIFICATION

DATE TIME WATER SOIL OTHER

6/23 210 55-100
" 215 55-101
" 220 55-102
" 230 55-103
" 235 55-104
" 240 55-105

0306806

RECEIVED BY: (Signature) DATE: TIME:

SAMPLE SHIPPED BY: (Circle)

FEDEX HAND DELIVERED UPS AIRBILL # OTHER:

TURNAROUND TIME NEEDED

WHITE - RECEIVING LAB

YELLOW - RECEIVING LAB (TO BE RETURNED TO LA AFTER RECEIPT)

PINK - PROJECT MANAGER

GOLD - QA/QC COORDINATOR

SAMPLE TYPE:

1.50 400 glass

RELINQUISHED BY: (Signature)

DATE: 6/23 TIME: 11:10

RECEIVED BY: (Signature)

DATE: 6/23 TIME: 8:10

SAMPLED BY: (Signature)

DATE: 6/23 TIME: 8:10

RELINQUISHED BY: (Signature)

DATE: 6/23 TIME: 8:10

COMMENTS:

RECEIVING LABORATORY:

ADDRESS:

CITY:

CONTACT:

RECEIVED BY: (Signature)

DATE:

TIME:

STATE:

ZIP:

PHONE:

SAMPLE CONDITION WHEN RECEIVED:

LA CONTACT PERSON:

ANALYTICAL REPORT

Prepared for:

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Project: Turner
PO#:
Order#: G0306820
Report Date: 06/30/2003

Certificates

US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710
915-687-0456

Order#: G0306820
Project: 0-0107
Project Name: Turner
Location: None Given

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

<u>Lab ID:</u>	<u>Sample :</u>	<u>Matrix:</u>	<u>Date / Time</u> <u>Collected</u>	<u>Date / Time</u> <u>Received</u>	<u>Container</u>	<u>Preservative</u>
0306820-01	SS-106	SOIL	6/24/03	6/24/03 18:15	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 4.0 C		
0306820-02	SS-107	SOIL	6/24/03	6/24/03 18:15	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 4.0 C		
0306820-03	SS-108	SOIL	6/24/03	6/24/03 18:15	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 4.0 C		
0306820-04	SS-109	SOIL	6/24/03	6/24/03 18:15	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 4.0 C		
0306820-05	SS-110	SOIL	6/24/03	6/24/03 18:15	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 4.0 C		
0306820-06	SS-111	SOIL	6/24/03	6/24/03 18:15	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 4.0 C		
0306820-07	SS-112	SOIL	6/24/03	6/24/03 18:15	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 4.0 C		

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710
915-687-0456

Order#: G0306820
Project: 0-0107
Project Name: Turner
Location: None Given

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

<u>Lab ID:</u>	<u>Sample :</u>	<u>Matrix:</u>	<u>Date / Time</u> <u>Collected</u>	<u>Date / Time</u> <u>Received</u>	<u>Container</u>	<u>Preservative</u>
0306820-08	SS-113	SOIL	6/24/03	6/24/03 18:15	4 oz glass	Ice
	<u>Lab Testing:</u>	Rejected: No		Temp: 4.0 C		
	8015M					
	8021B/5030 BTEX					
	Chloride					
0306820-09	SS-114	SOIL	6/24/03	6/24/03 18:15	4 oz glass	Ice
	<u>Lab Testing:</u>	Rejected: No		Temp: 4.0 C		
	8015M					
	8021B/5030 BTEX					
	Chloride					
0306820-10	SS-115	SOIL	6/24/03	6/24/03 18:15	4 oz glass	Ice
	<u>Lab Testing:</u>	Rejected: No		Temp: 4.0 C		
	8015M					
	8021B/5030 BTEX					
	Chloride					
0306820-11	SS-116	SOIL	6/24/03	6/24/03 18:15	4 oz glass	Ice
	<u>Lab Testing:</u>	Rejected: No		Temp: 4.0 C		
	8015M					
	8021B/5030 BTEX					
	Chloride					
0306820-12	SS-117	SOIL	6/24/03	6/24/03 18:15	4 oz glass	Ice
	<u>Lab Testing:</u>	Rejected: No		Temp: 4.0 C		
	8015M					
	8021B/5030 BTEX					
	Chloride					
0306820-13	SS-118	SOIL	6/24/03	6/24/03 18:15	4 oz glass	Ice
	<u>Lab Testing:</u>	Rejected: No		Temp: 4.0 C		
	8015M					

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710
915-687-0456

Order#: G0306820
Project: 0-0107
Project Name: Turner
Location: None Given

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

<u>Lab ID:</u>	<u>Sample :</u>	<u>Matrix:</u>	<u>Date / Time</u> <u>Collected</u>	<u>Date / Time</u> <u>Received</u>	<u>Container</u>	<u>Preservative</u>
	8021B/5030 BTEX Chloride					
0306820-14	SS-119	SOIL	6/24/03	6/24/03 18:15	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 4.0 C		
0306820-15	SS-120	SOIL	6/24/03	6/24/03 18:15	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 4.0 C		
0306820-16	SS-121	SOIL	6/24/03	6/24/03 18:15	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 4.0 C		
0306820-17	SS-122	SOIL	6/24/03	6/24/03 18:15	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 4.0 C		
0306820-18	SS-123	SOIL	6/24/03	6/24/03 18:15	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 4.0 C		

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710
915-687-0456

Order#: G0306820
Project: 0-0107
Project Name: Turner
Location: None Given

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

<u>Lab ID:</u>	<u>Sample :</u>	<u>Matrix:</u>	<u>Date / Time</u> <u>Collected</u>	<u>Date / Time</u> <u>Received</u>	<u>Container</u>	<u>Preservative</u>
0306820-19	SS-124	SOIL	6/24/03	6/24/03 18:15	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 4.0 C		
0306820-20	SS-125	SOIL	6/24/03	6/24/03 18:15	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 4.0 C		
0306820-21	SS-126	SOIL	6/24/03	6/24/03 18:15	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 4.0 C		
0306820-22	SS-127	SOIL	6/24/03	6/24/03 18:15	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 4.0 C		
0306820-23	SS-128	SOIL	6/24/03	6/24/03 18:15	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 4.0 C		
0306820-24	SS-129	SOIL	6/24/03	6/24/03 18:15	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 4.0 C		

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710
915-687-0456

Order#: G0306820
Project: 0-0107
Project Name: Turner
Location: None Given

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

<u>Lab ID:</u>	<u>Sample :</u>	<u>Matrix:</u>	<u>Date / Time</u> <u>Collected</u>	<u>Date / Time</u> <u>Received</u>	<u>Container</u>	<u>Preservative</u>
	8021B/5030 BTEX Chloride					
0306820-25	SS-130	SOIL	6/24/03	6/24/03 18:15	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 4.0 C		
0306820-26	SS-131	SOIL	6/24/03	6/24/03 18:15	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 4.0 C		
0306820-27	SS-132	SOIL	6/24/03	6/24/03 18:15	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 4.0 C		
0306820-28	SS-133	SOIL	6/24/03	6/24/03 18:15	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 4.0 C		
0306820-29	SS-134	SOIL	6/24/03	6/24/03 18:15	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 4.0 C		

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710
915-687-0456

Order#: G0306820
Project: 0-0107
Project Name: Turner
Location: None Given

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

<u>Lab ID:</u>	<u>Sample :</u>	<u>Matrix:</u>	<u>Date / Time</u> <u>Collected</u>	<u>Date / Time</u> <u>Received</u>	<u>Container</u>	<u>Preservative</u>
0306820-30	SS-135	SOIL	6/24/03	6/24/03 18:15	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 4.0 C		
0306820-31	SS-136	SOIL	6/24/03	6/24/03 18:15	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 4.0 C		
0306820-32	SS-137	SOIL	6/24/03	6/24/03 18:15	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 4.0 C		
0306820-33	SS-138	SOIL	6/24/03	6/24/03 18:15	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 4.0 C		
0306820-34	SS-139	SOIL	6/24/03	6/24/03 18:15	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 4.0 C		
0306820-35	SS-140	SOIL	6/24/03	6/24/03 18:15	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 4.0 C		

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710
915-687-0456

Order#: G0306820
Project: 0-0107
Project Name: Turner
Location: None Given

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

<u>Lab ID:</u>	<u>Sample :</u>	<u>Matrix:</u>	<u>Date / Time</u> <u>Collected</u>	<u>Date / Time</u> <u>Received</u>	<u>Container</u>	<u>Preservative</u>
	8021B/5030 BTEX Chloride					
0306820-36	SS-141	SOIL	6/24/03	6/24/03 18:15	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 4.0 C		
0306820-37	SS-142	SOIL	6/24/03	6/24/03 18:15	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 4.0 C		
0306820-38	SS-143	SOIL	6/24/03	6/24/03 18:15	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 4.0 C		
0306820-39	SS-144	SOIL	6/24/03	6/24/03 18:15	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 4.0 C		
0306820-40	SS-145	SOIL	6/24/03	6/24/03 18:15	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 4.0 C		

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710
915-687-0456

Order#: G0306820
Project: 0-0107
Project Name: Turner
Location: None Given

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

<u>Lab ID:</u>	<u>Sample :</u>	<u>Matrix:</u>	<u>Date / Time</u> <u>Collected</u>	<u>Date / Time</u> <u>Received</u>	<u>Container</u>	<u>Preservative</u>
0306820-41	SS-146	SOIL	6/24/03	6/24/03 18:15	4 oz glass	Ice
	<u>Lab Testing:</u>	Rejected: No		Temp: 4.0 C		
	8015M					
	8021B/5030 BTEX					
	Chloride					
0306820-42	SS-147	SOIL	6/24/03	6/24/03 18:15	4 oz glass	Ice
	<u>Lab Testing:</u>	Rejected: No		Temp: 4.0 C		
	8015M					
	Chloride					
0306820-43	SS-148	SOIL	6/24/03	6/24/03 18:15	4 oz glass	Ice
	<u>Lab Testing:</u>	Rejected: No		Temp: 4.0 C		
	8015M					
	Chloride					
0306820-44	SS-149	SOIL	6/24/03	6/24/03 18:15	4 oz glass	Ice
	<u>Lab Testing:</u>	Rejected: No		Temp: 4.0 C		
	8015M					
	Chloride					
0306820-45	SS-150	SOIL	6/24/03	6/24/03 18:15	4 oz glass	Ice
	<u>Lab Testing:</u>	Rejected: No		Temp: 4.0 C		
	8015M					
	Chloride					
0306820-46	SS-151	SOIL	6/24/03	6/24/03 18:15	4 oz glass	Ice
	<u>Lab Testing:</u>	Rejected: No		Temp: 4.0 C		
	8015M					
	Chloride					

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306820
Project: 0-0107
Project Name: Turner
Location: None Given

Lab ID: 0306820-01
Sample ID: SS-106

8015M

Method	Date	Date	Sample	Dilution		
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		6/26/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	262	10.0
DRO, >C12-C35	1,540	10.0
TOTAL, C6-C35	1,802	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	102%	70	130
1-Chlorooctadecane	109%	70	130

Lab ID: 0306820-02
Sample ID: SS-107

8015M

Method	Date	Date	Sample	Dilution		
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		6/26/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	482	10.0
DRO, >C12-C35	2,240	10.0
TOTAL, C6-C35	2,722	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	109%	70	130
1-Chlorooctadecane	110%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ANALYTICAL REPORT

JOHN STEWART
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MIDLAND, TX 79710

Order#: G0306820
Project: 0-0107
Project Name: Turner
Location: None Given

Lab ID: 0306820-03
Sample ID: SS-108

8015M

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		6/26/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	674	10.0
DRO, >C12-C35	2,450	10.0
TOTAL, C6-C35	3,124	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	123%	70	130
1-Chlorooctadecane	131%	70	130

Lab ID: 0306820-04
Sample ID: SS-109

8015M

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		6/26/03	1	5	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	289	50.0
DRO, >C12-C35	2560	50.0
TOTAL, C6-C35	2849	50.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	20%	70	130
1-Chlorooctadecane	22%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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Order#: G0306820
Project: 0-0107
Project Name: Turner
Location: None Given

Lab ID: 0306820-05
Sample ID: SS-110

8015M

Method	Date	Date	Sample	Dilution		
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		6/26/03	1	10	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	561	100
DRO, >C12-C35	15400	100
TOTAL, C6-C35	15961	100

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	12%	70	130
1-Chlorooctadecane	13%	70	130

Lab ID: 0306820-06
Sample ID: SS-111

8015M

Method	Date	Date	Sample	Dilution		
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		6/26/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	47.3	10.0
TOTAL, C6-C35	47.3	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	84%	70	130
1-Chlorooctadecane	90%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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MIDLAND, TX 79710

Order#: G0306820
Project: 0-0107
Project Name: Turner
Location: None Given

Lab ID: 0306820-06
Sample ID: SS-111

8021B/5030 BTEX

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
0006017-02		6/26/03 14:04	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	90%	80	120
Bromofluorobenzene	87%	80	120

Lab ID: 0306820-07
Sample ID: SS-112

8015M

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
		6/26/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	34.7	10.0
TOTAL, C6-C35	34.7	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	86%	70	130
1-Chlorooctadecane	99%	70	130

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MIDLAND, TX 79710

Order#: G0306820
Project: 0-0107
Project Name: Turner
Location: None Given

Lab ID: 0306820-07

Sample ID: SS-112

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
0006017-02		6/26/03 14:26	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	94%	80	120
Bromofluorobenzene	81%	80	120

Lab ID: 0306820-08

Sample ID: SS-113

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		6/26/03	1	5	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<50.0	50.0
DRO, >C12-C35	1130	50.0
TOTAL, C6-C35	1130	50.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	14%	70	130
1-Chlorooctadecane	17%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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MIDLAND, TX 79710

Order#: G0306820
Project: 0-0107
Project Name: Turner
Location: None Given

Lab ID: 0306820-08
Sample ID: SS-113

8021B/5030 BTEX

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
0006017-02		6/26/03 14:48	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	92%	80	120
Bromofluorobenzene	80%	80	120

Lab ID: 0306820-09
Sample ID: SS-114

8015M

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
		6/26/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	285	10.0
TOTAL, C6-C35	285	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	110%	70	130
1-Chlorooctadecane	117%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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Order#: G0306820
Project: 0-0107
Project Name: Turner
Location: None Given

Lab ID: 0306820-09

Sample ID: SS-114

8021B/5030 BTEX

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
0006017-02		6/26/03 16:06	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	94%	80	120
Bromofluorobenzene	80%	80	120

Lab ID: 0306820-10

Sample ID: SS-115

8015M

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
		6/26/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	224	10.0
TOTAL, C6-C35	224	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	124%	70	130
1-Chlorooctadecane	138%	70	130

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MIDLAND, TX 79710

Order#: G0306820
Project: 0-0107
Project Name: Turner
Location: None Given

Lab ID: 0306820-10
Sample ID: SS-115

8021B/5030 BTEX

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
0006017-02		6/26/03 16:28	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	99%	80	120
Bromofluorobenzene	84%	80	120

Lab ID: 0306820-11
Sample ID: SS-116

8015M

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
		6/26/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	94%	70	130
1-Chlorooctadecane	105%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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MIDLAND, TX 79710

Order#: G0306820
Project: 0-0107
Project Name: Turner
Location: None Given

Lab ID: 0306820-11
Sample ID: SS-116

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0006017-02		6/26/03 16:50	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	89%	80	120
Bromofluorobenzene	81%	80	120

Lab ID: 0306820-12
Sample ID: SS-117

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		6/26/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	86%	70	130
1-Chlorooctadecane	92%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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JOHN STEWART
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P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306820
Project: 0-0107
Project Name: Turner
Location: None Given

Lab ID: 0306820-12
Sample ID: SS-117

8021B/5030 BTEX

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
0006017-02		6/26/03 17:37	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	105%	80	120
Bromofluorobenzene	92%	80	120

Lab ID: 0306820-13
Sample ID: SS-118

8015M

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
		6/26/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	101%	70	130
1-Chlorooctadecane	111%	70	130

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P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306820
Project: 0-0107
Project Name: Turner
Location: None Given

Lab ID: 0306820-13
Sample ID: SS-118

8021B/5030 BTEX

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
0006017-02		6/26/03 17:59	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	104%	80	120
Bromofluorobenzene	94%	80	120

Lab ID: 0306820-14
Sample ID: SS-119

8015M

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
		6/26/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	288	10.0
TOTAL, C6-C35	288	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	112%	70	130
1-Chlorooctadecane	119%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ANALYTICAL REPORT

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P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306820
Project: 0-0107
Project Name: Turner
Location: None Given

Lab ID: 0306820-14

Sample ID: SS-119

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
0006017-02		6/26/03 12:02	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	0.047	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	98%	80	120
Bromofluorobenzene	84%	80	120

Lab ID: 0306820-15

Sample ID: SS-120

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		6/26/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	158	10.0
TOTAL, C6-C35	158	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	82%	70	130
1-Chlorooctadecane	89%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306820
Project: 0-0107
Project Name: Turner
Location: None Given

Lab ID: 0306820-15
Sample ID: SS-120

8021B/5030 BTEX

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
0006017-02		6/26/03 18:21	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	101%	80	120
Bromofluorobenzene	89%	80	120

Lab ID: 0306820-16
Sample ID: SS-121

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		6/26/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	85.0	10.0
TOTAL, C6-C35	85.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	96%	70	130
1-Chlorooctadecane	101%	70	130

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P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306820
Project: 0-0107
Project Name: Turner
Location: None Given

Lab ID: 0306820-16
Sample ID: SS-121

8021B/5030 BTEX

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
0006017-02		6/26/03 18:43	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	91%	80	120
Bromofluorobenzene	81%	80	120

Lab ID: 0306820-17
Sample ID: SS-122

8015M

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
		6/26/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	90.0	10.0
TOTAL, C6-C35	90.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	109%	70	130
1-Chlorooctadecane	116%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306820
Project: 0-0107
Project Name: Turner
Location: None Given

Lab ID: 0306820-17
Sample ID: SS-122

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0006017-02		6/26/03 19:06	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	98%	80	120
Bromofluorobenzene	91%	80	120

Lab ID: 0306820-18
Sample ID: SS-123

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		6/26/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	90.8	10.0
TOTAL, C6-C35	90.8	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	111%	70	130
1-Chlorooctadecane	122%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ANALYTICAL REPORT

JOHN STEWART
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P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306820
Project: 0-0107
Project Name: Turner
Location: None Given

Lab ID: 0306820-18
Sample ID: SS-123

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
0006017-02		6/26/03 19:28	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	0.053	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	99%	80	120
Bromofluorobenzene	94%	80	120

Lab ID: 0306820-19
Sample ID: SS-124

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		6/26/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	42.5	10.0
TOTAL, C6-C35	42.5	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	97%	70	130
1-Chlorooctadecane	99%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ANALYTICAL REPORT

JOHN STEWART
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MIDLAND, TX 79710

Order#: G0306820
Project: 0-0107
Project Name: Turner
Location: None Given

Lab ID: 0306820-19
Sample ID: SS-124

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0006017-02		6/26/03 19:50	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	99%	80	120
Bromofluorobenzene	95%	80	120

Lab ID: 0306820-20
Sample ID: SS-125

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		6/26/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	239	10.0
TOTAL, C6-C35	239	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	101%	70	130
1-Chlorooctadecane	101%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ANALYTICAL REPORT

JOHN STEWART
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P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306820
Project: 0-0107
Project Name: Turner
Location: None Given

Lab ID: 0306820-20
Sample ID: SS-125

8021B/5030 BTEX

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
0006017-02		6/26/03 20:12	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	103%	80	120
Bromofluorobenzene	94%	80	120

Lab ID: 0306820-21
Sample ID: SS-126

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		6/26/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	88.3	10.0
DRO, >C12-C35	5,240	10.0
TOTAL, C6-C35	5,328	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	123%	70	130
1-Chlorooctadecane	146%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ANALYTICAL REPORT

JOHN STEWART
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P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306820
Project: 0-0107
Project Name: Turner
Location: None Given

Lab ID: 0306820-21
Sample ID: SS-126

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
0006017-02		6/26/03 20:34	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	94%	80	120
Bromofluorobenzene	81%	80	120

Lab ID: 0306820-22
Sample ID: SS-127

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		6/26/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	445	10.0
TOTAL, C6-C35	445	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	112%	70	130
1-Chlorooctadecane	112%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ANALYTICAL REPORT

JOHN STEWART
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P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306820
Project: 0-0107
Project Name: Turner
Location: None Given

Lab ID: 0306820-22
Sample ID: SS-127

8021B/5030 BTEX

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
0006018-02		6/26/03 20:56	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	104%	80	120
Bromofluorobenzene	94%	80	120

Lab ID: 0306820-23
Sample ID: SS-128

8015M

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
		6/26/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	286	10.0
TOTAL, C6-C35	286	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	101%	70	130
1-Chlorooctadecane	100%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ANALYTICAL REPORT

JOHN STEWART
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MIDLAND, TX 79710

Order#: G0306820
Project: 0-0107
Project Name: Turner
Location: None Given

Lab ID: 0306820-23
Sample ID: SS-128

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0006018-02		6/27/03 14:32	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	101%	80	120
Bromofluorobenzene	80%	80	120

Lab ID: 0306820-24
Sample ID: SS-129

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		6/26/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	39.2	10.0
TOTAL, C6-C35	39.2	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	113%	70	130
1-Chlorooctadecane	113%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ANALYTICAL REPORT

JOHN STEWART
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P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306820
Project: 0-0107
Project Name: Turner
Location: None Given

Lab ID: 0306820-24
Sample ID: SS-129

8021B/5030 BTEX

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
0006018-02		6/27/03 14:54	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	99%	80	120
Bromofluorobenzene	84%	80	120

Lab ID: 0306820-25
Sample ID: SS-130

8015M

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
		6/26/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	27.4	10.0
TOTAL, C6-C35	27.4	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	130%	70	130
1-Chlorooctadecane	129%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ANALYTICAL REPORT

JOHN STEWART
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P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306820
Project: 0-0107
Project Name: Turner
Location: None Given

Lab ID: 0306820-25
Sample ID: SS-130

8021B/5030 BTEX

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
0006018-02		6/27/03 15:16	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	97%	80	120
Bromofluorobenzene	84%	80	120

Lab ID: 0306820-26
Sample ID: SS-131

8015M

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
		6/26/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	1,720	10.0
TOTAL, C6-C35	1,720	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	113%	70	130
1-Chlorooctadecane	113%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306820
Project: 0-0107
Project Name: Turner
Location: None Given

Lab ID: 0306820-26
Sample ID: SS-131

8021B/5030 BTEX

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
0006018-02		6/27/03 15:39	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	89%	80	120
Bromofluorobenzene	80%	80	120

Lab ID: 0306820-27
Sample ID: SS-132

8015M

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		6/26/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	1,090	10.0
TOTAL, C6-C35	1,090	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	100%	70	130
1-Chlorooctadecane	106%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306820
Project: 0-0107
Project Name: Turner
Location: None Given

Lab ID: 0306820-27
Sample ID: SS-132

8021B/5030 BTEX

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
0006018-02		6/27/03 16:01	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	96%	80	120
Bromofluorobenzene	81%	80	120

Lab ID: 0306820-28
Sample ID: SS-133

8015M

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		6/26/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	300	10.0
TOTAL, C6-C35	300	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	122%	70	130
1-Chlorooctadecane	124%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306820
Project: 0-0107
Project Name: Turner
Location: None Given

Lab ID: 0306820-28
Sample ID: SS-133

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
0006018-02		6/27/03 16:23	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	97%	80	120
Bromofluorobenzene	82%	80	120

Lab ID: 0306820-29
Sample ID: SS-134

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		6/26/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	85.4	10.0
TOTAL, C6-C35	85.4	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	119%	70	130
1-Chlorooctadecane	120%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306820
Project: 0-0107
Project Name: Turner
Location: None Given

Lab ID: 0306820-29
Sample ID: SS-134

8021B/5030 BTEX

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
0006018-02		6/27/03 16:45	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	84%	80	120
Bromofluorobenzene	80%	80	120

Lab ID: 0306820-30
Sample ID: SS-135

8015M

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
		6/26/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	150	10.0
TOTAL, C6-C35	150	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	122%	70	130
1-Chlorooctadecane	126%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306820
Project: 0-0107
Project Name: Turner
Location: None Given

Lab ID: 0306820-30
Sample ID: SS-135

8021B/5030 BTEX

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
0006018-02		6/27/03 17:07	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	96%	80	120
Bromofluorobenzene	81%	80	120

Lab ID: 0306820-31
Sample ID: SS-136

8015M

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
		6/27/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	36.8	10.0
TOTAL, C6-C35	36.8	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	118%	70	130
1-Chlorooctadecane	120%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306820
Project: 0-0107
Project Name: Turner
Location: None Given

Lab ID: 0306820-31
Sample ID: SS-136

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
0006018-02		6/27/03 17:29	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	85%	80	120
Bromofluorobenzene	90%	80	120

Lab ID: 0306820-32
Sample ID: SS-137

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		6/27/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	256	10.0
TOTAL, C6-C35	256	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	133%	70	130
1-Chlorooctadecane	134%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306820
Project: 0-0107
Project Name: Turner
Location: None Given

Lab ID: 0306820-32
Sample ID: SS-137

8021B/5030 BTEX

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
0006018-02		6/27/03 17:51	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	95%	80	120
Bromofluorobenzene	80%	80	120

Lab ID: 0306820-33
Sample ID: SS-138

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		6/27/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	288	10.0
TOTAL, C6-C35	288	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	126%	70	130
1-Chlorooctadecane	126%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306820
Project: 0-0107
Project Name: Turner
Location: None Given

Lab ID: 0306820-33
Sample ID: SS-138

8021B/5030 BTEX

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
0006018-02		6/27/03 18:43	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	93%	80	120
Bromofluorobenzene	96%	80	120

Lab ID: 0306820-34
Sample ID: SS-139

8015M

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		6/27/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	153	10.0
TOTAL, C6-C35	153	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	110%	70	130
1-Chlorooctadecane	127%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306820
Project: 0-0107
Project Name: Turner
Location: None Given

Lab ID: 0306820-34
Sample ID: SS-139

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
0006018-02		6/27/03 19:05	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	83%	80	120
Bromofluorobenzene	93%	80	120

Lab ID: 0306820-35
Sample ID: SS-140

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		6/27/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	130	10.0
TOTAL, C6-C35	130	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	95%	70	130
1-Chlorooctadecane	108%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ANALYTICAL REPORT

JOHN STEWART
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P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306820
Project: 0-0107
Project Name: Turner
Location: None Given

Lab ID: 0306820-35
Sample ID: SS-140

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
0006018-02		6/27/03 19:27	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	99%	80	120
Bromofluorobenzene	81%	80	120

Lab ID: 0306820-36
Sample ID: SS-141

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		6/27/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	95%	70	130
1-Chlorooctadecane	98%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ANALYTICAL REPORT

JOHN STEWART
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P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306820
Project: 0-0107
Project Name: Turner
Location: None Given

Lab ID: 0306820-36

Sample ID: SS-141

8021B/5030 BTEX

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
0006018-02		6/27/03 19:49	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	96%	80	120
Bromofluorobenzene	80%	80	120

Lab ID: 0306820-37

Sample ID: SS-142

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		6/27/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	104	10.0
TOTAL, C6-C35	104	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	103%	70	130
1-Chlorooctadecane	116%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306820
Project: 0-0107
Project Name: Turner
Location: None Given

Lab ID: 0306820-37
Sample ID: SS-142

8021B/5030 BTEX

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
0006019-02		6/28/03 0:48	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	94%	80	120
Bromofluorobenzene	91%	80	120

Lab ID: 0306820-38
Sample ID: SS-143

8015M

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		6/27/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	130	10.0
TOTAL, C6-C35	130	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	127%	70	130
1-Chlorooctadecane	142%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306820
Project: 0-0107
Project Name: Turner
Location: None Given

Lab ID: 0306820-38
Sample ID: SS-143

8021B/5030 BTEX

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
0006019-02		6/27/03 22:03	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	98%	80	120
Bromofluorobenzene	80%	80	120

Lab ID: 0306820-39
Sample ID: SS-144

8015M

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		6/27/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	243	10.0
TOTAL, C6-C35	243	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	114%	70	130
1-Chlorooctadecane	117%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
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P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306820
Project: 0-0107
Project Name: Turner
Location: None Given

Lab ID: 0306820-39
Sample ID: SS-144

8021B/5030 BTEX

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
0006019-02		6/27/03 22:25	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	92%	80	120
Bromofluorobenzene	101%	80	120

Lab ID: 0306820-40
Sample ID: SS-145

8015M

<u>Method</u>	<u>Date</u>	<u>Date</u>	<u>Sample</u>	<u>Dilution</u>	<u>Analyst</u>	<u>Method</u>
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		6/27/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	38.6	10.0
TOTAL, C6-C35	38.6	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	120%	70	130
1-Chlorooctadecane	125%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306820
Project: 0-0107
Project Name: Turner
Location: None Given

Lab ID: 0306820-40
Sample ID: SS-145

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0006019-02		6/27/03 22:47	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	86%	80	120
Bromofluorobenzene	99%	80	120

Lab ID: 0306820-41
Sample ID: SS-146

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		6/27/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	68.4	10.0
TOTAL, C6-C35	68.4	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	125%	70	130
1-Chlorooctadecane	136%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306820
Project: 0-0107
Project Name: Turner
Location: None Given

Lab ID: 0306820-41
Sample ID: SS-146

8021B/5030 BTEX

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
0006019-02		6/27/03 23:09	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	94%	80	120
Bromofluorobenzene	101%	80	120

Lab ID: 0306820-42
Sample ID: SS-147

8015M

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
		6/25/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	99%	70	130
1-Chlorooctadecane	102%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306820
Project: 0-0107
Project Name: Turner
Location: None Given

Lab ID: 0306820-43
Sample ID: SS-148

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		6/25/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	11.0	10.0
DRO, >C12-C35	159	10.0
TOTAL, C6-C35	170	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	113%	70	130
1-Chlorooctadecane	117%	70	130

Lab ID: 0306820-44
Sample ID: SS-149

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		6/25/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	382	10.0
DRO, >C12-C35	1,300	10.0
TOTAL, C6-C35	1,682	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	108%	70	130
1-Chlorooctadecane	117%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306820
Project: 0-0107
Project Name: Turner
Location: None Given

Lab ID: 0306820-45
Sample ID: SS-150

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		6/25/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	729	10.0
DRO, >C12-C35	2,220	10.0
TOTAL, C6-C35	2,949	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	123%	70	130
1-Chlorooctadecane	129%	70	130

Lab ID: 0306820-46
Sample ID: SS-151

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		6/27/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	151	10.0
TOTAL, C6-C35	151	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	130%	70	130
1-Chlorooctadecane	139%	70	130

Approval:

Raland K. Tuttle 6-30-03
Raland K. Tuttle, Lab Director, QA Officer
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

Date

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ENVIRONMENTAL LAB OF TEXAS I, LTD.

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ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306820
Project: 0-0107
Project Name: Turner
Location: None Given

Lab ID: 0306820-06
Sample ID: SS-111

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	177	mg/kg	1	20	9253	6/25/03	SB

Lab ID: 0306820-07
Sample ID: SS-112

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	<20.0	mg/kg	1	20	9253	6/25/03	SB

Lab ID: 0306820-08
Sample ID: SS-113

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	<20.0	mg/kg	1	20	9253	6/25/03	SB

Lab ID: 0306820-09
Sample ID: SS-114

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	<20.0	mg/kg	1	20	9253	6/25/03	SB

Lab ID: 0306820-10
Sample ID: SS-115

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	<20.0	mg/kg	1	20	9253	6/25/03	SB

Lab ID: 0306820-11
Sample ID: SS-116

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	<20.0	mg/kg	1	20	9253	6/25/03	SB

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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MIDLAND, TX 79710

Order#: G0306820
Project: 0-0107
Project Name: Turner
Location: None Given

Lab ID: 0306820-12
Sample ID: SS-117

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	<20.0	mg/kg	1	20	9253	6/25/03	SB

Lab ID: 0306820-13
Sample ID: SS-118

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	53.2	mg/kg	1	20	9253	6/25/03	SB

Lab ID: 0306820-14
Sample ID: SS-119

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	142	mg/kg	1	20	9253	6/25/03	SB

Lab ID: 0306820-15
Sample ID: SS-120

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	<20.0	mg/kg	1	20	9253	6/25/03	SB

Lab ID: 0306820-16
Sample ID: SS-121

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	<20.0	mg/kg	1	20	9253	6/26/03	SB

Lab ID: 0306820-17
Sample ID: SS-122

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	<20.0	mg/kg	1	20	9253	6/26/03	SB

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ANALYTICAL REPORT

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MIDLAND, TX 79710

Order#: G0306820
Project: 0-0107
Project Name: Turner
Location: None Given

Lab ID: 0306820-18
Sample ID: SS-123

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	106	mg/kg	1	20	9253	6/26/03	SB

Lab ID: 0306820-19
Sample ID: SS-124

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	35.4	mg/kg	1	20	9253	6/26/03	SB

Lab ID: 0306820-20
Sample ID: SS-125

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	993	mg/kg	1	20	9253	6/26/03	SB

Lab ID: 0306820-21
Sample ID: SS-126

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	248	mg/kg	1	20	9253	6/26/03	SB

Lab ID: 0306820-22
Sample ID: SS-127

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	177	mg/kg	1	20	9253	6/26/03	SB

Lab ID: 0306820-23
Sample ID: SS-128

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	106	mg/kg	1	20	9253	6/26/03	SB

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ANALYTICAL REPORT

JOHN STEWART
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MIDLAND, TX 79710

Order#: G0306820
Project: 0-0107
Project Name: Turner
Location: None Given

Lab ID: 0306820-24
Sample ID: SS-129

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	35.4	mg/kg	1	20	9253	6/26/03	SB

Lab ID: 0306820-25
Sample ID: SS-130

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	230	mg/kg	1	20	9253	6/26/03	SB

Lab ID: 0306820-26
Sample ID: SS-131

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	284	mg/kg	1	20	9253	6/26/03	SB

Lab ID: 0306820-27
Sample ID: SS-132

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	390	mg/kg	1	20	9253	6/26/03	SB

Lab ID: 0306820-28
Sample ID: SS-133

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	284	mg/kg	1	20	9253	6/26/03	SB

Lab ID: 0306820-29
Sample ID: SS-134

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	425	mg/kg	1	20	9253	6/26/03	SB

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
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P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306820
Project: 0-0107
Project Name: Turner
Location: None Given

Lab ID: 0306820-30
Sample ID: SS-135

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	70.9	mg/kg	1	20	9253	6/26/03	SB

Lab ID: 0306820-31
Sample ID: SS-136

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	727	mg/kg	1	20	9253	6/26/03	SB

Lab ID: 0306820-32
Sample ID: SS-137

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	213	mg/kg	1	20	9253	6/26/03	SB

Lab ID: 0306820-33
Sample ID: SS-138

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	142	mg/kg	1	20	9253	6/26/03	SB

Lab ID: 0306820-34
Sample ID: SS-139

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	70.9	mg/kg	1	20	9253	6/26/03	SB

Lab ID: 0306820-35
Sample ID: SS-140

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	337	mg/kg	1	20	9253	6/26/03	SB

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
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P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306820
Project: 0-0107
Project Name: Turner
Location: None Given

Lab ID: 0306820-36
Sample ID: SS-141

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	<20.0	mg/kg	1	20	9253	6/27/03	SB

Lab ID: 0306820-37
Sample ID: SS-142

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	709	mg/kg	1	20	9253	6/27/03	SB

Lab ID: 0306820-38
Sample ID: SS-143

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	780	mg/kg	1	20	9253	6/27/03	SB

Lab ID: 0306820-39
Sample ID: SS-144

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	88.6	mg/kg	1	20	9253	6/27/03	SB

Lab ID: 0306820-40
Sample ID: SS-145

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	35.4	mg/kg	1	20	9253	6/27/03	SB

Lab ID: 0306820-41
Sample ID: SS-146

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	106	mg/kg	1	20	9253	6/27/03	SB

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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MIDLAND, TX 79710

Order#: G0306820
Project: 0-0107
Project Name: Turner
Location: None Given

Lab ID: 0306820-42
Sample ID: SS-147

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	195	mg/kg	1	20	9253	6/25/03	SB

Lab ID: 0306820-43
Sample ID: SS-148

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	266	mg/kg	1	20	9253	6/25/03	SB

Lab ID: 0306820-44
Sample ID: SS-149

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	158	mg/kg	1	20	9253	6/25/03	SB

Lab ID: 0306820-45
Sample ID: SS-150

Test Parameters

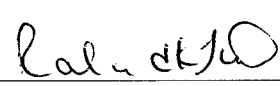
<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	236	mg/kg	1	20	9253	6/25/03	SB

Lab ID: 0306820-46
Sample ID: SS-151

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	<20.0	mg/kg	1	20	9253	6/27/03	SB

Approval:


Raland K. Tuttle, Lab Director, QA Officer
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

Date

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ENVIRONMENTAL LAB OF TEXAS I, LTD.

12600 West I-20 East, Odessa, TX 79765 Ph: 915-563-1800

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8015M

Order#: G0306820

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005991-02			<10.0		
TOTAL, C6-C35-mg/kg		0005993-02			<10.0		
TOTAL, C6-C35-mg/kg		0006023-02			<10.0		
TOTAL, C6-C35-mg/kg		0006024-02			<10.0		
CONTROL	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005993-03		952	1060	111.3%	
CONTROL DUP	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005993-04		952	1050	110.3%	0.9%
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0306763-09	151	952	1080	97.6%	
TOTAL, C6-C35-mg/kg		0306820-17	90	952	1300	127.1%	
TOTAL, C6-C35-mg/kg		0306820-37	104	952	1180	113.3%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0306763-09	151	952	1080	97.6%	0.0%
TOTAL, C6-C35-mg/kg		0306820-17	90	952	1340	131.3%	3.3%
TOTAL, C6-C35-mg/kg		0306820-37	104	952	1100	104.6%	7.7%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0005991-05		1000	993	99.3%	
TOTAL, C6-C35-mg/kg		0005993-05		1000	1010	101.1%	
TOTAL, C6-C35-mg/kg		0006023-05		1000	1050	105.1%	
TOTAL, C6-C35-mg/kg		0006024-05		1000	1050	105.1%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0306820

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0006017-02			<0.025		
Benzene-mg/kg		0006018-02			<0.025		
Benzene-mg/kg		0006019-02			<0.025		
Toluene-mg/kg		0006017-02			<0.025		
Toluene-mg/kg		0006018-02			<0.025		
Toluene-mg/kg		0006019-02			<0.025		
Ethylbenzene-mg/kg		0006017-02			<0.025		
Ethylbenzene-mg/kg		0006018-02			<0.025		
Ethylbenzene-mg/kg		0006019-02			<0.025		
p/m-Xylene-mg/kg		0006017-02			<0.025		
p/m-Xylene-mg/kg		0006018-02			<0.025		
p/m-Xylene-mg/kg		0006019-02			<0.025		
o-Xylene-mg/kg		0006017-02			<0.025		
o-Xylene-mg/kg		0006018-02			<0.025		
o-Xylene-mg/kg		0006019-02			<0.025		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0306820-13	0	0.1	0.095	95.%	
Benzene-mg/kg		0306820-23	0	0.1	0.101	101.%	
Benzene-mg/kg		0306833-10	0	0.1	0.105	105.%	
Toluene-mg/kg		0306820-13	0	0.1	0.097	97.%	
Toluene-mg/kg		0306820-23	0	0.1	0.094	94.%	
Toluene-mg/kg		0306833-10	0	0.1	0.107	107.%	
Ethylbenzene-mg/kg		0306820-13	0	0.1	0.093	93.%	
Ethylbenzene-mg/kg		0306820-23	0	0.1	0.088	88.%	
Ethylbenzene-mg/kg		0306833-10	0	0.1	0.101	101.%	
p/m-Xylene-mg/kg		0306820-13	0	0.2	0.189	94.5%	
p/m-Xylene-mg/kg		0306820-23	0	0.2	0.179	89.5%	
p/m-Xylene-mg/kg		0306833-10	0	0.2	0.204	102.%	
o-Xylene-mg/kg		0306820-13	0	0.1	0.093	93.%	
o-Xylene-mg/kg		0306820-23	0	0.1	0.085	85.%	
o-Xylene-mg/kg		0306833-10	0	0.1	0.094	94.%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0306820-13	0	0.1	0.105	105.%	10.%
Benzene-mg/kg		0306820-23	0	0.1	0.110	110.%	8.5%
Benzene-mg/kg		0306833-10	0	0.1	0.091	91.%	14.3%
Toluene-mg/kg		0306820-13	0	0.1	0.107	107.%	9.8%
Toluene-mg/kg		0306820-23	0	0.1	0.101	101.%	7.2%
Toluene-mg/kg		0306833-10	0	0.1	0.096	96.%	10.8%

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0306820

<i>MSD</i>	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Ethylbenzene-mg/kg		0306820-13	0	0.1	0.105	105.0%	12.1%
Ethylbenzene-mg/kg		0306820-23	0	0.1	0.092	92.0%	4.4%
Ethylbenzene-mg/kg		0306833-10	0	0.1	0.094	94.0%	7.2%
p/m-Xylene-mg/kg		0306820-13	0	0.2	0.213	106.5%	11.9%
p/m-Xylene-mg/kg		0306820-23	0	0.2	0.186	93.0%	3.8%
p/m-Xylene-mg/kg		0306833-10	0	0.2	0.191	95.5%	6.6%
o-Xylene-mg/kg		0306820-13	0	0.1	0.104	104.0%	11.2%
o-Xylene-mg/kg		0306820-23	0	0.1	0.089	89.0%	4.6%
o-Xylene-mg/kg		0306833-10	0	0.1	0.088	88.0%	6.6%
<i>SRM</i>	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0006017-05		0.1	0.114	114.0%	
Benzene-mg/kg		0006018-05		0.1	0.105	105.0%	
Benzene-mg/kg		0006019-05		0.1	0.093	93.0%	
Toluene-mg/kg		0006017-05		0.1	0.114	114.0%	
Toluene-mg/kg		0006018-05		0.1	0.097	97.0%	
Toluene-mg/kg		0006019-05		0.1	0.092	92.0%	
Ethylbenzene-mg/kg		0006017-05		0.1	0.111	111.0%	
Ethylbenzene-mg/kg		0006018-05		0.1	0.089	89.0%	
Ethylbenzene-mg/kg		0006019-05		0.1	0.090	90.0%	
p/m-Xylene-mg/kg		0006017-05		0.2	0.227	113.5%	
p/m-Xylene-mg/kg		0006018-05		0.2	0.181	90.5%	
p/m-Xylene-mg/kg		0006019-05		0.2	0.184	92.0%	
o-Xylene-mg/kg		0006017-05		0.1	0.110	110.0%	
o-Xylene-mg/kg		0006018-05		0.1	0.087	87.0%	
o-Xylene-mg/kg		0006019-05		0.1	0.087	87.0%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Test Parameters

Order#: G0306820

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0006014-01			<20.0		
Chloride-mg/kg		0006030-01			<20.0		
Chloride-mg/kg		0006031-01			<20.0		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0306820-16	0	500	479	95.8%	
Chloride-mg/kg		0306820-36	0	500	496	99.2%	
Chloride-mg/kg		0306823-01	2320	500	2780	92.2%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0306820-16	0	500	461	92.2%	3.8%
Chloride-mg/kg		0306820-36	0	500	514	102.8%	3.6%
Chloride-mg/kg		0306823-01	2320	500	2770	90.0%	0.4%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0006014-04		5000	4960	99.2%	
Chloride-mg/kg		0006030-04		5000	4960	99.2%	
Chloride-mg/kg		0006031-04		5000	4960	99.2%	

CASE NARRATIVE

ENVIRONMENTAL LAB OF TEXAS

Prepared for:

LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306820

Project: Turner

The following samples were received as indicated below and on the attached Chain of Custody record. All analyses were performed within the holding time and with acceptable quality control results unless otherwise noted.

SAMPLE ID	LAB ID	MATRIX	Date Collected	Date Received
SS-106	0306820-01	SOIL	06/24/2003	06/24/2003
SS-107	0306820-02	SOIL	06/24/2003	06/24/2003
SS-108	0306820-03	SOIL	06/24/2003	06/24/2003
SS-109	0306820-04	SOIL	06/24/2003	06/24/2003
SS-110	0306820-05	SOIL	06/24/2003	06/24/2003
SS-111	0306820-06	SOIL	06/24/2003	06/24/2003
SS-112	0306820-07	SOIL	06/24/2003	06/24/2003
SS-113	0306820-08	SOIL	06/24/2003	06/24/2003
SS-114	0306820-09	SOIL	06/24/2003	06/24/2003
SS-115	0306820-10	SOIL	06/24/2003	06/24/2003
SS-116	0306820-11	SOIL	06/24/2003	06/24/2003
SS-117	0306820-12	SOIL	06/24/2003	06/24/2003
SS-118	0306820-13	SOIL	06/24/2003	06/24/2003
SS-119	0306820-14	SOIL	06/24/2003	06/24/2003
SS-120	0306820-15	SOIL	06/24/2003	06/24/2003
SS-121	0306820-16	SOIL	06/24/2003	06/24/2003
SS-122	0306820-17	SOIL	06/24/2003	06/24/2003
SS-123	0306820-18	SOIL	06/24/2003	06/24/2003
SS-124	0306820-19	SOIL	06/24/2003	06/24/2003
SS-125	0306820-20	SOIL	06/24/2003	06/24/2003
SS-126	0306820-21	SOIL	06/24/2003	06/24/2003
SS-127	0306820-22	SOIL	06/24/2003	06/24/2003
SS-128	0306820-23	SOIL	06/24/2003	06/24/2003
SS-129	0306820-24	SOIL	06/24/2003	06/24/2003
SS-130	0306820-25	SOIL	06/24/2003	06/24/2003
SS-131	0306820-26	SOIL	06/24/2003	06/24/2003
SS-132	0306820-27	SOIL	06/24/2003	06/24/2003
SS-133	0306820-28	SOIL	06/24/2003	06/24/2003

CASE NARRATIVE

ENVIRONMENTAL LAB OF TEXAS

Prepared for:

LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306820

Project: Turner

The following samples were received as indicated below and on the attached Chain of Custody record. All analyses were performed within the holding time and with acceptable quality control results unless otherwise noted.

SS-134	0306820-29	SOIL	06/24/2003	06/24/2003
SS-135	0306820-30	SOIL	06/24/2003	06/24/2003
SS-136	0306820-31	SOIL	06/24/2003	06/24/2003
SS-137	0306820-32	SOIL	06/24/2003	06/24/2003
SS-138	0306820-33	SOIL	06/24/2003	06/24/2003
SS-139	0306820-34	SOIL	06/24/2003	06/24/2003
SS-140	0306820-35	SOIL	06/24/2003	06/24/2003
SS-141	0306820-36	SOIL	06/24/2003	06/24/2003
SS-142	0306820-37	SOIL	06/24/2003	06/24/2003
SS-143	0306820-38	SOIL	06/24/2003	06/24/2003
SS-144	0306820-39	SOIL	06/24/2003	06/24/2003
SS-145	0306820-40	SOIL	06/24/2003	06/24/2003
SS-146	0306820-41	SOIL	06/24/2003	06/24/2003
SS-147	0306820-42	SOIL	06/24/2003	06/24/2003
SS-148	0306820-43	SOIL	06/24/2003	06/24/2003
SS-149	0306820-44	SOIL	06/24/2003	06/24/2003
SS-150	0306820-45	SOIL	06/24/2003	06/24/2003
SS-151	0306820-46	SOIL	06/24/2003	06/24/2003

Surrogate recoveries on the 8015M TPH are outside control limits due to matrix interference.
(0306820-03,10,21,32,38,41,46)

Surrogate recoveries on the 8015M TPH are outside of control limits due to dilution.
(0306820-04,05,08)

CASE NARRATIVE

ENVIRONMENTAL LAB OF TEXAS

Prepared for:

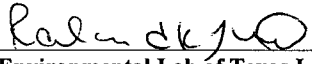
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306820

Project: Turner

The following samples were received as indicated below and on the attached Chain of Custody record. All analyses were performed within the holding time and with acceptable quality control results unless otherwise noted.

The enclosed results of analyses are representative of the samples as received by the laboratory. Environmental Lab of Texas makes no representations or certifications as to the methods of sample collection, sample identification, or transportation handling procedures used prior to our receipt of samples. To the best of my knowledge, the information contained in this report is accurate and complete.

Approved By:  Date: 6-30-03
Environmental Lab of Texas I, Ltd.

CHAIN—OF—CUSTODY RECORD

[illegible]

CHAIN—OF—CUSTODY RECORD

LA arson & associates, Inc.
Environmental Consultants
915-687-0456
915-687-0901

507 N. Marienfeld, Ste. 202 • Midland, TX 79701

LAB. I.D. NUMBER (LAB USE ONLY)	REMARKS (I.E., FILTERED, UNFIL PRESERVED, UNPRES GRAB COMPOS)
---------------------------------------	--

0306820

DATE: _____
TIME: _____

SAMPLE SHIPPED BY: (Circle)

FEDEX	BUS	AIRBILL #:
HAND DELIVERED	UPS	OTHER:

WHITE – RECEIVING LAB
YELLOW – RECEIVING LAB (TO BE RETURNED TO LA AFTER RECEIPT)
PINK – PROJECT MANAGER
GOLD – QA/QC COORDINATOR

SAMPLE TYPE:

PARAMETERS/METHOD NUMBER

NUMBER OF CONTAINERS

DATE: _____
TIME: _____

DATE: _____

TURNAROUND TIME NEEDED

SITE MANAGER:

PROJECT NAME: John Stewart Turner

NUMBER OF CONTAINERS:

RELINQUISHED BY: (Signature)

RECEIVED BY: (Signature)

RECEIVED BY: (Signature)

DATE: 12/15 TIME: 6:24/53

LA CONTACT PERSON:

CLIENT NAME:

Texaco
PROJECT NO.:
0-0107

PAGE OF LAB. PO #

SAMPLE IDENTIFICATION

DATE	TIME	WATER	SOIL	OTHER
------	------	-------	------	-------

DATE: 6/24
TIME:

DATE: 6/24/

COMMENTS:

RECEIVING LABORATORY: Env Lab of Maa

RECEIVING LABORATORY: none ZIP: _____
ADDRESS: _____ STATE: _____
CITY: _____ PHONE: _____
CONTACT: _____

SAMPLE CONDITION WHEN RECEIVED:

4.00

CHAIN—OF—CUSTODY RECORD

La arson &
ssociates, Inc.
Environmental Consultants



Fax: 915-687-0450
915-687-0900

507 N. Marienfeld, Ste. 202 • Midland, TX 79701

LAB. I.D. NUMBER (LAB USE ONLY)	REMARKS (I.E., FILTERED, UNFILTERED, PRESERVED, UNPRESERVED, GRAB COMPOSITE)
---	---

0389050

Rush Wed-ASP
Rush Wed-ASP
Rush Wed-ASP
Rush Wed-ASP

RECEIVED BY: (Signature) DATE: TIME:

SAMPLE SHIPPED BY: (Circle)

FEDEX	BUS	AIRBILL #:
HAND DELIVERED	UPS	OTHER:

WHITE – RECEIVING LAB
YELLOW – RECEIVING LAB (TO BE RETURNED TO
 LA AFTER RECEIPT)
PINK – PROJECT MANAGER
GOLD – QA/QC COORDINATOR

SAMPLE TYPE:

SITE MANAGER:

John Stewart

PROJECT NAME:

1410

PAGE _____ OF _____ LAB. PO # _____

SAMPLE IDENTIFICATION

TIME	WATER	SOIL	OTHER
------	-------	------	-------

✓	SS-142
✓	SS-143
✓	SS-144
✓	SS-145
✓	SS-146
✓	SS-147
✓	SS-148
✓	SS-149
✓	SS-150
✓	SS-151 ⁱⁿ 151

SAMPLED BY: (Signature)

DATE: 6/27
TIME: 1

RELINQUISHED BY: (Signature)

DATE: _____
TIME: _____

RELINQUISHED BY: (Signature)

DATE: 6/24
TIME:

RECEIVED BY: (Signature)

DATE: _____
TIME: _____

COMMENTS:

TURNAROUND TIME NEEDED

RECEIVING LABORATORY ~~F~~ LOT

RECEIVED BY: (Signature)

ADDRESS: _____

1

CITY: _____ STATE: _____
CONTACT: _____ PHONE: _____

DATE: _____

SAMPLE CONDITION WHEN RECEIVED:

LA CONTACT PERSON:

4.0°C

ANALYTICAL REPORT

Prepared for:

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Project: Texaco/ Turner

PO#:

Order#: G0306833

Report Date: 07/02/2003

Certificates

US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710
915-687-0456

Order#: G0306833
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

<u>Lab ID:</u>	<u>Sample :</u>	<u>Matrix:</u>	<u>Date / Time</u> <u>Collected</u>	<u>Date / Time</u> <u>Received</u>	<u>Container</u>	<u>Preservative</u>
0306833-01	1	SOIL	6/25/03	6/25/03 17:52	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 1.5 C		
0306833-02	2	SOIL	6/25/03	6/25/03 17:52	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 1.5 C		
0306833-03	3	SOIL	6/25/03	6/25/03 17:52	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 1.5 C		
0306833-04	4	SOIL	6/25/03	6/25/03 17:52	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 1.5 C		
0306833-05	5	SOIL	6/25/03	6/25/03 17:52	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 1.5 C		
0306833-06	6	SOIL	6/25/03	6/25/03 17:52	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 1.5 C		

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710
915-687-0456

Order#: G0306833
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

<u>Lab ID:</u>	<u>Sample :</u>	<u>Matrix:</u>	<u>Date / Time</u> <u>Collected</u>	<u>Date / Time</u> <u>Received</u>	<u>Container</u>	<u>Preservative</u>
	8021B/5030 BTEX Chloride					
0306833-07	7	SOIL	6/25/03	6/25/03 17:52	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 1.5 C		
0306833-08	8	SOIL	6/25/03	6/25/03 17:52	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 1.5 C		
0306833-09	9	SOIL	6/25/03	6/25/03 17:52	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 1.5 C		
0306833-10	10	SOIL	6/25/03	6/25/03 17:52	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 1.5 C		
0306833-11	11	SOIL	6/25/03	6/25/03 17:52	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 1.5 C		

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710
915-687-0456

Order#: G0306833
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

<u>Lab ID:</u>	<u>Sample :</u>	<u>Matrix:</u>	<u>Date / Time</u>	<u>Date / Time</u>	<u>Container</u>	<u>Preservative</u>
			<u>Collected</u>	<u>Received</u>		
0306833-12	12	SOIL	6/25/03	6/25/03 17:52	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 1.5 C		
0306833-13	13	SOIL	6/25/03	6/25/03 17:52	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 1.5 C		
0306833-14	14	SOIL	6/25/03	6/25/03 17:52	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 1.5 C		
0306833-15	15	SOIL	6/25/03	6/25/03 17:52	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 1.5 C		
0306833-16	16	SOIL	6/25/03	6/25/03 17:52	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 1.5 C		
0306833-17	17	SOIL	6/25/03	6/25/03 17:52	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 1.5 C		

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710
915-687-0456

Order#: G0306833
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

<u>Lab ID:</u>	<u>Sample :</u>	<u>Matrix:</u>	<u>Date / Time</u> <u>Collected</u>	<u>Date / Time</u> <u>Received</u>	<u>Container</u>	<u>Preservative</u>
	8021B/5030 BTEX Chloride					
0306833-18	18	SOIL	6/25/03	6/25/03 17:52	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 1.5 C		
0306833-19	19	SOIL	6/25/03	6/25/03 17:52	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 1.5 C		
0306833-20	20	SOIL	6/25/03	6/25/03 17:52	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 1.5 C		
0306833-21	21	SOIL	6/25/03	6/25/03 17:52	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 1.5 C		
0306833-22	22	SOIL	6/25/03	6/25/03 17:52	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 1.5 C		

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710
915-687-0456

Order#: G0306833
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

<u>Lab ID:</u>	<u>Sample :</u>	<u>Matrix:</u>	<u>Date / Time</u> <u>Collected</u>	<u>Date / Time</u> <u>Received</u>	<u>Container</u>	<u>Preservative</u>
0306833-23	23	SOIL	6/25/03	6/25/03 17:52	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 1.5 C		
0306833-24	24	SOIL	6/25/03	6/25/03 17:52	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 1.5 C		
0306833-25	25	SOIL	6/25/03	6/25/03 17:52	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 1.5 C		
0306833-26	26	SOIL	6/25/03	6/25/03 17:52	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 1.5 C		
0306833-27	27	SOIL	6/25/03	6/25/03 17:52	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 1.5 C		
0306833-28	28	SOIL	6/25/03	6/25/03 17:52	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M	Rejected: No		Temp: 1.5 C		

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710
915-687-0456

Order#: G0306833
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

<u>Lab ID:</u>	<u>Sample :</u>	<u>Matrix:</u>	<u>Date / Time</u> <u>Collected</u>	<u>Date / Time</u> <u>Received</u>	<u>Container</u>	<u>Preservative</u>
	8021B/5030 BTEX Chloride					
0306833-29	29	SOIL	6/25/03	6/25/03 17:52	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 1.5 C		
0306833-30	30	SOIL	6/25/03	6/25/03 17:52	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 1.5 C		
0306833-31	31	SOIL	6/25/03	6/25/03 17:52	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 1.5 C		
0306833-32	32	SOIL	6/25/03	6/25/03 17:52	4 oz glass	Ice
	<u>Lab Testing:</u> 8015M 8021B/5030 BTEX Chloride	Rejected: No		Temp: 1.5 C		

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306833
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

Lab ID: 0306833-01

Sample ID: 1

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		6/28/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	116%	70	130
1-Chlorooctadecane	116%	70	130

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
0006019-02		6/28/03 3:00	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	90%	80	120
Bromofluorobenzene	101%	80	120

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306833
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

Lab ID: 0306833-02
Sample ID: 2

8015M

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
		6/28/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	115%	70	130
1-Chlorooctadecane	117%	70	130

8021B/5030 BTEX

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
0006019-02		6/28/03 3:22	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	92%	80	120
Bromofluorobenzene	98%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306833
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

Lab ID: 0306833-03

Sample ID: 3

8015M

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
		6/28/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	119%	70	130
1-Chlorooctadecane	119%	70	130

8021B/5030 BTEX

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
0006019-02		6/28/03 3:45	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	94%	80	120
Bromofluorobenzene	100%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306833
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

Lab ID: 0306833-04
Sample ID: 4

8015M

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
		6/28/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	120%	70	130
1-Chlorooctadecane	120%	70	130

8021B/5030 BTEX

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
0006019-02		6/28/03 4:06	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	86%	80	120
Bromofluorobenzene	100%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306833
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

Lab ID: 0306833-05
Sample ID: 5

8015M

Method	Date	Date	Sample	Dilution		
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		6/28/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	119%	70	130
1-Chlorooctadecane	119%	70	130

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution		
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>	<u>Analyst</u>	<u>Method</u>
0006019-02		6/28/03 4:29	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	81%	80	120
Bromofluorobenzene	96%	80	120

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306833
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

Lab ID: 0306833-06
Sample ID: 6

8015M

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
		6/28/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	113%	70	130
1-Chlorooctadecane	113%	70	130

8021B/5030 BTEX

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
0006019-02		6/28/03 4:50	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	94%	80	120
Bromofluorobenzene	110%	80	120

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
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P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306833
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

Lab ID: 0306833-07
Sample ID: 7

8015M

Method	Date	Date	Sample	Dilution		
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		6/28/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	112%	70	130
1-Chlorooctadecane	114%	70	130

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution		
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>	<u>Analyst</u>	<u>Method</u>
0006019-02		6/28/03 5:13	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	88%	80	120
Bromofluorobenzene	113%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306833
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

Lab ID: 0306833-08
Sample ID: 8

8015M

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
		6/28/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	115%	70	130
1-Chlorooctadecane	115%	70	130

8021B/5030 BTEX

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
0006019-02		6/28/03 5:35	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	87%	80	120
Bromofluorobenzene	111%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
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P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306833
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

Lab ID: 0306833-09
Sample ID: 9

8015M

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
		6/28/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	117%	70	130
1-Chlorooctadecane	116%	70	130

8021B/5030 BTEX

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
0006019-02		6/28/03 5:57	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	84%	80	120
Bromofluorobenzene	107%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306833
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

Lab ID: 0306833-10

Sample ID: 10

8015M

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
		6/28/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	122%	70	130
1-Chlorooctadecane	122%	70	130

8021B/5030 BTEX

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
0006019-02		6/28/03 6:19	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	97%	80	120
Bromofluorobenzene	102%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
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P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306833
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

Lab ID: 0306833-11
Sample ID: 11

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		6/28/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	120%	70	130
1-Chlorooctadecane	120%	70	130

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
0006020-02		6/28/03 13:23	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	86%	80	120
Bromofluorobenzene	100%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306833
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

Lab ID: 0306833-12
Sample ID: 12

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		6/28/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	120%	70	130
1-Chlorooctadecane	120%	70	130

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
0006020-02		6/28/03 13:44	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	99%	80	120
Bromofluorobenzene	108%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
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P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306833
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

Lab ID: 0306833-13
Sample ID: 13

8015M

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
		6/28/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	115%	70	130
1-Chlorooctadecane	119%	70	130

8021B/5030 BTEX

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
0006020-02		6/28/03 14:05	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	90%	80	120
Bromofluorobenzene	103%	80	120

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306833
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

Lab ID: 0306833-14
Sample ID: 14

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		6/28/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	110%	70	130
1-Chlorooctadecane	111%	70	130

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0006020-02		6/28/03 14:26	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	87%	80	120
Bromofluorobenzene	102%	80	120

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306833
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

Lab ID: 0306833-15
Sample ID: 15

8015M

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
		6/28/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	110%	70	130
1-Chlorooctadecane	109%	70	130

8021B/5030 BTEX

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
0006020-02		6/28/03 14:47	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	91%	80	120
Bromofluorobenzene	80%	80	120

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306833
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

Lab ID: 0306833-16
Sample ID: 16

8015M

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
		6/28/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	80.8	10.0
TOTAL, C6-C35	80.8	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	101%	70	130
1-Chlorooctadecane	101%	70	130

8021B/5030 BTEX

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
0006020-02		6/28/03 15:08	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	87%	80	120
Bromofluorobenzene	103%	80	120

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306833
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

Lab ID: 0306833-17
Sample ID: 17

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		6/28/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	28.0	10.0
TOTAL, C6-C35	28.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	103%	70	130
1-Chlorooctadecane	101%	70	130

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0006020-02		6/28/03 15:30	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	89%	80	120
Bromofluorobenzene	81%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ANALYTICAL REPORT

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MIDLAND, TX 79710

Order#: G0306833
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

Lab ID: 0306833-18
Sample ID: 18

8015M

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
		6/28/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	102%	70	130
1-Chlorooctadecane	102%	70	130

8021B/5030 BTEX

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
0006020-02		6/28/03 15:50	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	93%	80	120
Bromofluorobenzene	106%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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MIDLAND, TX 79710

Order#: G0306833
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

Lab ID: 0306833-19
Sample ID: 19

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		6/28/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	48.8	10.0
TOTAL, C6-C35	48.8	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	102%	70	130
1-Chlorooctadecane	100%	70	130

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
0006020-02		6/28/03 16:11	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	89%	80	120
Bromofluorobenzene	102%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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MIDLAND, TX 79710

Order#: G0306833
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

Lab ID: 0306833-20
Sample ID: 20

8015M

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
		6/28/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	108%	70	130
1-Chlorooctadecane	107%	70	130

8021B/5030 BTEX

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
0006020-02		6/28/03 16:39	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	88%	80	120
Bromofluorobenzene	99%	80	120

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ANALYTICAL REPORT

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Order#: G0306833
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

Lab ID: 0306833-21
Sample ID: 21

8015M

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
		6/28/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	51.0	10.0
TOTAL, C6-C35	51.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	100%	70	130
1-Chlorooctadecane	99%	70	130

8021B/5030 BTEX

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
0006020-02		6/28/03 17:00	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	88%	80	120
Bromofluorobenzene	97%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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Order#: G0306833
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

Lab ID: 0306833-22
Sample ID: 22

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		6/28/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	33.1	10.0
TOTAL, C6-C35	33.1	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	112%	70	130
1-Chlorooctadecane	118%	70	130

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
0006020-02		6/28/03 18:19	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	85%	80	120
Bromofluorobenzene	96%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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Order#: G0306833
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

Lab ID: 0306833-23
Sample ID: 23

8015M

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
		6/28/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	111%	70	130
1-Chlorooctadecane	110%	70	130

8021B/5030 BTEX

<u>Method</u> <u>Blank</u>	<u>Date</u> <u>Prepared</u>	<u>Date</u> <u>Analyzed</u>	<u>Sample</u> <u>Amount</u>	<u>Dilution</u> <u>Factor</u>	<u>Analyst</u>	<u>Method</u>
0006020-02		6/28/03 18:40	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	81%	80	120
Bromofluorobenzene	94%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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Order#: G0306833
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

Lab ID: 0306833-24
Sample ID: 24

8015M

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
		6/28/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	114%	70	130
1-Chlorooctadecane	114%	70	130

8021B/5030 BTEX

Method <u>Blank</u>	Date <u>Prepared</u>	Date <u>Analyzed</u>	Sample <u>Amount</u>	Dilution <u>Factor</u>	Analyst	Method
0006020-02		6/28/03 19:01	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	83%	80	120
Bromofluorobenzene	93%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ANALYTICAL REPORT

JOHN STEWART
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P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306833
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

Lab ID: 0306833-25

Sample ID: 25

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		6/28/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	26.6	10.0
TOTAL, C6-C35	26.6	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	117%	70	130
1-Chlorooctadecane	117%	70	130

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0006020-02		6/28/03 19:22	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	84%	80	120
Bromofluorobenzene	96%	80	120

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ANALYTICAL REPORT

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P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306833
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

Lab ID: 0306833-26
Sample ID: 26

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		6/28/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	17.5	10.0
TOTAL, C6-C35	17.5	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	112%	70	130
1-Chlorooctadecane	111%	70	130

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
0006020-02		6/28/03 19:44	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	92%	80	120
Bromofluorobenzene	101%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ANALYTICAL REPORT

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MIDLAND, TX 79710

Order#: G0306833
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

Lab ID: 0306833-27
Sample ID: 27

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		6/28/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	109%	70	130
1-Chlorooctadecane	108%	70	130

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
0006020-02		6/28/03 20:05	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	89%	80	120
Bromofluorobenzene	99%	80	120

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ANALYTICAL REPORT

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MIDLAND, TX 79710

Order#: G0306833
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

Lab ID: 0306833-28
Sample ID: 28

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		6/28/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	112%	70	130
1-Chlorooctadecane	113%	70	130

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0006020-02		6/28/03 20:26	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	81%	80	120
Bromofluorobenzene	92%	80	120

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

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LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306833
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

Lab ID: 0306833-29

Sample ID: 29

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		6/28/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	106%	70	130
1-Chlorooctadecane	106%	70	130

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
0006020-02		6/28/03 20:46	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	88%	80	120
Bromofluorobenzene	99%	80	120

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ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306833
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

Lab ID: 0306833-30
Sample ID: 30

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		6/28/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	121%	70	130
1-Chlorooctadecane	121%	70	130

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
0006020-02		6/28/03 21:07	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	90%	80	120
Bromofluorobenzene	102%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ANALYTICAL REPORT

JOHN STEWART
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P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306833
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

Lab ID: 0306833-31
Sample ID: 31

8015M

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
		6/29/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	30.2	10.0
TOTAL, C6-C35	30.2	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	89%	70	130
1-Chlorooctadecane	97%	70	130

8021B/5030 BTEX

Method	Date	Date	Sample	Dilution	Analyst	Method
<u>Blank</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>Amount</u>	<u>Factor</u>		
0006053-02		7/1/03 10:34	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	0.044	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	112%	80	120
Bromofluorobenzene	105%	80	120

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306833
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

Lab ID: 0306833-32
Sample ID: 32

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		6/28/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	92%	70	130
1-Chlorooctadecane	102%	70	130

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0006053-02		6/30/03 22:01	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	117%	80	120
Bromofluorobenzene	116%	80	120

Approval:

Raland K. Tuttle, Lab Director, QA Officer
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

Date

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306833
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

Lab ID: 0306833-01
Sample ID: 1

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	230	mg/kg	1	20	9253	6/26/03	SB

Lab ID: 0306833-02
Sample ID: 2

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	53.2	mg/kg	1	20	9253	6/26/03	SB

Lab ID: 0306833-03
Sample ID: 3

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	106	mg/kg	1	20	9253	6/26/03	SB

Lab ID: 0306833-04
Sample ID: 4

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	177	mg/kg	1	20	9253	6/26/03	SB

Lab ID: 0306833-05
Sample ID: 5

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	<20.0	mg/kg	1	20	9253	6/26/03	SB

Lab ID: 0306833-06
Sample ID: 6

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	124	mg/kg	1	20	9253	6/26/03	SB

RL = Reporting Limit N/A = Not Applicable

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306833
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

Lab ID: 0306833-07
Sample ID: 7

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	70.9	mg/kg	1	20	9253	6/26/03	SB

Lab ID: 0306833-08
Sample ID: 8

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	88.6	mg/kg	1	20	9253	6/26/03	SB

Lab ID: 0306833-09
Sample ID: 9

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	<20.0	mg/kg	1	20	9253	6/26/03	SB

Lab ID: 0306833-10
Sample ID: 10

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	195	mg/kg	1	20	9253	6/26/03	SB

Lab ID: 0306833-11
Sample ID: 11

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	<20.0	mg/kg	1	20	9253	6/27/03	SB

Lab ID: 0306833-12
Sample ID: 12

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	372	mg/kg	1	20	9253	6/27/03	SB

RL = Reporting Limit N/A = Not Applicable

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
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P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306833
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

Lab ID: 0306833-13

Sample ID: 13

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	354	mg/kg	1	20	9253	6/27/03	SB

Lab ID: 0306833-14

Sample ID: 14

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	124	mg/kg	1	20	9253	6/27/03	SB

Lab ID: 0306833-15

Sample ID: 15

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	195	mg/kg	1	20	9253	6/27/03	SB

Lab ID: 0306833-16

Sample ID: 16

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	142	mg/kg	1	20	9253	6/27/03	SB

Lab ID: 0306833-17

Sample ID: 17

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	142	mg/kg	1	20	9253	6/27/03	SB

Lab ID: 0306833-18

Sample ID: 18

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	284	mg/kg	1	20	9253	6/27/03	SB

RL = Reporting Limit N/A = Not Applicable

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ANALYTICAL REPORT

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P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306833
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

Lab ID: 0306833-19
Sample ID: 19

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	177	mg/kg	1	20	9253	6/27/03	SB

Lab ID: 0306833-20
Sample ID: 20

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	319	mg/kg	1	20	9253	6/27/03	SB

Lab ID: 0306833-21
Sample ID: 21

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	88.6	mg/kg	1	20	9253	6/27/03	SB

Lab ID: 0306833-22
Sample ID: 22

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	<20.0	mg/kg	1	20	9253	6/27/03	SB

Lab ID: 0306833-23
Sample ID: 23

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	35.4	mg/kg	1	20	9253	6/27/03	SB

Lab ID: 0306833-24
Sample ID: 24

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	70.9	mg/kg	1	20	9253	6/27/03	SB

RL = Reporting Limit N/A = Not Applicable

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306833
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

Lab ID: 0306833-25
Sample ID: 25

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	35.4	mg/kg	1	20	9253	6/27/03	SB

Lab ID: 0306833-26
Sample ID: 26

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	70.9	mg/kg	1	20	9253	6/27/03	SB

Lab ID: 0306833-27
Sample ID: 27

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	53.2	mg/kg	1	20	9253	6/27/03	SB

Lab ID: 0306833-28
Sample ID: 28

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	35.4	mg/kg	1	20	9253	6/27/03	SB

Lab ID: 0306833-29
Sample ID: 29

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	35.4	mg/kg	1	20	9253	6/27/03	SB

Lab ID: 0306833-30
Sample ID: 30

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	<20.0	mg/kg	1	20	9253	6/27/03	SB

RL = Reporting Limit N/A = Not Applicable

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306833
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

Lab ID: 0306833-31
Sample ID: 31

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	142	mg/kg	1	20	9253	6/27/03	SB

Lab ID: 0306833-32
Sample ID: 32

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	<20.0	mg/kg	1	20	9253	6/27/03	SB

Approval:

Raland K. Tuttle
Raland K. Tuttle, Lab Director, QA Officer
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

7-02-03
Date

RL = Reporting Limit N/A = Not Applicable

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ENVIRONMENTAL LAB OF TEXAS I, LTD.

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ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8015M

Order#: G0306833

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0006025-02			<10.0		
TOTAL, C6-C35-mg/kg		0006027-02			<10.0		
TOTAL, C6-C35-mg/kg		0006028-02			<10.0		
CONTROL	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0006028-03		952	993	104.3%	
CONTROL DUP	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0006028-04		952	965	101.4%	2.9%
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0306831-09	391	952	1490	115.4%	
TOTAL, C6-C35-mg/kg		0306833-32	0	952	1020	107.1%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0306831-09	391	952	1440	110.2%	3.4%
TOTAL, C6-C35-mg/kg		0306833-32	0	952	1100	115.5%	7.5%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg		0006025-05		1000	1050	105.0%	
TOTAL, C6-C35-mg/kg		0006027-05		1000	1080	108.0%	
TOTAL, C6-C35-mg/kg		0006028-05		1000	1080	108.0%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0306833

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0006019-02			<0.025		
Benzene-mg/kg		0006020-02			<0.025		
Benzene-mg/kg		0006053-02			<0.025		
Toluene-mg/kg		0006019-02			<0.025		
Toluene-mg/kg		0006020-02			<0.025		
Toluene-mg/kg		0006053-02			<0.025		
Ethylbenzene-mg/kg		0006019-02			<0.025		
Ethylbenzene-mg/kg		0006020-02			<0.025		
Ethylbenzene-mg/kg		0006053-02			<0.025		
p/m-Xylene-mg/kg		0006019-02			<0.025		
p/m-Xylene-mg/kg		0006020-02			<0.025		
p/m-Xylene-mg/kg		0006053-02			<0.025		
o-Xylene-mg/kg		0006019-02			<0.025		
o-Xylene-mg/kg		0006020-02			<0.025		
o-Xylene-mg/kg		0006053-02			<0.025		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0306833-10	0	0.1	0.105	105.%	
Benzene-mg/kg		0306833-30	0	0.1	0.102	102.%	
Benzene-mg/kg		0306868-01	0	0.1	0.095	95.%	
Toluene-mg/kg		0306833-10	0	0.1	0.107	107.%	
Toluene-mg/kg		0306833-30	0	0.1	0.094	94.%	
Toluene-mg/kg		0306868-01	0	0.1	0.095	95.%	
Ethylbenzene-mg/kg		0306833-10	0	0.1	0.101	101.%	
Ethylbenzene-mg/kg		0306833-30	0	0.1	0.087	87.%	
Ethylbenzene-mg/kg		0306868-01	0	0.1	0.096	96.%	
p/m-Xylene-mg/kg		0306833-10	0	0.2	0.204	102.%	
p/m-Xylene-mg/kg		0306833-30	0	0.2	0.175	87.5%	
p/m-Xylene-mg/kg		0306868-01	0	0.2	0.198	99.%	
o-Xylene-mg/kg		0306833-10	0	0.1	0.094	94.%	
o-Xylene-mg/kg		0306833-30	0	0.1	0.083	83.%	
o-Xylene-mg/kg		0306868-01	0	0.1	0.097	97.%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0306833-10	0	0.1	0.091	91.%	14.3%
Benzene-mg/kg		0306833-30	0	0.1	0.107	107.%	4.8%
Benzene-mg/kg		0306868-01	0	0.1	0.090	90.%	5.4%
Toluene-mg/kg		0306833-10	0	0.1	0.096	96.%	10.8%
Toluene-mg/kg		0306833-30	0	0.1	0.099	99.%	5.2%
Toluene-mg/kg		0306868-01	0	0.1	0.091	91.%	4.3%

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0306833

MSD							
	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Ethylbenzene-mg/kg		0306833-10	0	0.1	0.094	94.%	7.2%
Ethylbenzene-mg/kg		0306833-30	0	0.1	0.092	92.%	5.6%
Ethylbenzene-mg/kg		0306868-01	0	0.1	0.092	92.%	4.3%
p/m-Xylene-mg/kg		0306833-10	0	0.2	0.191	95.5%	6.6%
p/m-Xylene-mg/kg		0306833-30	0	0.2	0.185	92.5%	5.6%
p/m-Xylene-mg/kg		0306868-01	0	0.2	0.188	94.%	5.2%
o-Xylene-mg/kg		0306833-10	0	0.1	0.088	88.%	6.6%
o-Xylene-mg/kg		0306833-30	0	0.1	0.088	88.%	5.8%
o-Xylene-mg/kg		0306868-01	0	0.1	0.092	92.%	5.3%
SRM							
	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg		0006019-05		0.1	0.093	93.%	
Benzene-mg/kg		0006020-05		0.1	0.093	93.%	
Benzene-mg/kg		0006053-05		0.1	0.092	92.%	
Toluene-mg/kg		0006019-05		0.1	0.092	92.%	
Toluene-mg/kg		0006020-05		0.1	0.092	92.%	
Toluene-mg/kg		0006053-05		0.1	0.093	93.%	
Ethylbenzene-mg/kg		0006019-05		0.1	0.090	90.%	
Ethylbenzene-mg/kg		0006020-05		0.1	0.090	90.%	
Ethylbenzene-mg/kg		0006053-05		0.1	0.094	94.%	
p/m-Xylene-mg/kg		0006019-05		0.2	0.184	92.%	
p/m-Xylene-mg/kg		0006020-05		0.2	0.184	92.%	
p/m-Xylene-mg/kg		0006053-05		0.2	0.193	96.5%	
o-Xylene-mg/kg		0006019-05		0.1	0.087	87.%	
o-Xylene-mg/kg		0006020-05		0.1	0.087	87.%	
o-Xylene-mg/kg		0006053-05		0.1	0.094	94.%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Test Parameters

Order#: G0306833

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0006012-01			<20.0		
Chloride-mg/kg		0006030-01			<20.0		
Chloride-mg/kg		0006032-01			<20.0		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0306820-36	0	500	496	99.2%	
Chloride-mg/kg		0306831-03	284	500	744	92.%	
Chloride-mg/kg		0306833-13	354	500	815	92.2%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0306820-36	0	500	514	102.8%	3.6%
Chloride-mg/kg		0306831-03	284	500	762	95.6%	2.4%
Chloride-mg/kg		0306833-13	354	500	833	95.8%	2.2%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0006012-04		5000	4960	99.2%	
Chloride-mg/kg		0006030-04		5000	4960	99.2%	
Chloride-mg/kg		0006032-04		5000	4960	99.2%	

CHAIN—OF—CUSTODY RECORD

La arson & ssociates, Inc. Fax: 915-687-0456
Environmental Consultants 915-687-0901
507 N. Marienfeld, Ste. 202 • Midland, TX 79701

LAB. I.D. NUMBER (LAB USE ONLY)
REMARKS (I.E., FILTERED, UNFILTERED, PRESERVED, UNPRESERVED, GRAB COMPOSITE)

PARAMETERS/METHOD NUMBER

DATE	TIME	WATER	SOIL	OTHER	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS	PARAMETERS/METHOD NUMBER
6/25/11	11	✓	✓	✓	19	1	6306833-19
"	"	✓	✓	✓	20	1	20
"	"	✓	✓	✓	21	1	21
"	"	✓	✓	✓	22	1	22
"	"	✓	✓	✓	23	1	23
"	"	✓	✓	✓	24	1	24
"	"	✓	✓	✓	25	1	25
"	"	✓	✓	✓	26	1	26
"	"	✓	✓	✓	27	1	27
"	"	✓	✓	✓	28	1	28
"	"	✓	✓	✓	29	1	29
"	"	✓	✓	✓	30	1	30
"	"	✓	✓	✓	31	1	31
"	"	✓	✓	✓	32	1	32

CLIENT NAME: Texas

PROJECT NO.: 0-0107

PAGE 2 OF 2

SITE MANAGER: John Stewart

PROJECT NAME: Turner

LAB. PO #

RECEIVED BY: (Signature) DATE: 6/28 TIME: 11:54

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RECEIVING LABORATORY: Env. Lab of Tx

ADDRESS: 12400 W I-20 E

CITY: Odessa

STATE: Tx

ZIP: 79765

PHONE: 563-1800

CONTACT: DATE: 6-25-11 TIME: 1752

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RECEIVING LABORATORY: Env. Lab of Tx

ADDRESS: 12400 W I-20 E

CITY: Odessa

STATE: Tx

ZIP: 79765

PHONE: 563-1800

CONTACT: DATE: 6-25-11 TIME: 1752

RECEIVED BY: (Signature)

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ANALYTICAL REPORT

Prepared for:

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Project: Texaco/ Turner

PO#:

Order#: G0306862

Report Date: 06/30/2003

Certificates

US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710
915-687-0456

Order#: G0306862
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

<u>Lab ID:</u>	<u>Sample :</u>	<u>Matrix:</u>	<u>Date / Time</u> <u>Collected</u>	<u>Date / Time</u> <u>Received</u>	<u>Container</u>	<u>Preservative</u>
0306862-01	SS-100	SOIL	6/23/03 14:10	6/23/03 17:15	4 oz glass	Ice
	<u>Lab Testing:</u> Chloride	Rejected: No		Temp: 1.5 C		
0306862-02	SS-101	SOIL	6/23/03 14:15	6/23/03 17:15	4 oz glass	Ice
	<u>Lab Testing:</u> Chloride	Rejected: No		Temp: 1.5 C		
0306862-03	SS-102	SOIL	6/23/03 14:20	6/23/03 17:15	4 oz glass	Ice
	<u>Lab Testing:</u> Chloride	Rejected: No		Temp: 1.5 C		
0306862-04	SS-103	SOIL	6/23/03 14:30	6/23/03 17:15	4 oz glass	Ice
	<u>Lab Testing:</u> Chloride	Rejected: No		Temp: 1.5 C		
0306862-05	SS-104	SOIL	6/23/03 14:35	6/23/03 17:15	4 oz glass	Ice
	<u>Lab Testing:</u> Chloride	Rejected: No		Temp: 1.5 C		
0306862-06	SS-105	SOIL	6/23/03 14:40	6/23/03 17:15	4 oz glass	Ice
	<u>Lab Testing:</u> Chloride	Rejected: No		Temp: 1.5 C		

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306862
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

Lab ID: 0306862-01
Sample ID: SS-100

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	35.4	mg/kg	1	20	9253	6/30/03	SB

Lab ID: 0306862-02
Sample ID: SS-101

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	35.4	mg/kg	1	20	9253	6/30/03	SB

Lab ID: 0306862-03
Sample ID: SS-102

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	<20.0	mg/kg	1	20	9253	6/30/03	SB

Lab ID: 0306862-04
Sample ID: SS-103

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	<20.0	mg/kg	1	20	9253	6/30/03	SB

Lab ID: 0306862-05
Sample ID: SS-104

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	<20.0	mg/kg	1	20	9253	6/30/03	SB

Lab ID: 0306862-06
Sample ID: SS-105

Test Parameters

<u>Parameter</u>	<u>Result</u>	<u>Units</u>	<u>Dilution Factor</u>	<u>RL</u>	<u>Method</u>	<u>Date Analyzed</u>	<u>Analyst</u>
Chloride	<20.0	mg/kg	1	20	9253	6/30/03	SB

RL = Reporting Limit N/A = Not Applicable

Page 1 of 2

ENVIRONMENTAL LAB OF TEXAS I, LTD.

12600 West I-20 East, Odessa, TX 79765 Ph: 915-563-1800

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

JOHN STEWART
LARSON AND ASSOCIATES, INC.
P.O. BOX 50685
MIDLAND, TX 79710

Order#: G0306862
Project: 0-0107
Project Name: Texaco/ Turner
Location: None Given

Approval: Jeanne McMurrey 06-30-03
Raland K. Tuttle, Lab Director, QA Officer Date
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

Test Parameters

Order#: G0306862

BLANK	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0006037-01			<20.0		
MS	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0306862-01	35.4	500	532	99.3%	
MSD	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0306862-01	35.4	500	514	95.7%	3.4%
SRM	SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Chloride-mg/kg		0006037-04		5000	4960	99.2%	

Add'l 06-30-03
as per John Stewart

0563-1713

CLIENT NAME: <u>Tecoro</u>				SITE MANAGER: <u>John Stewart</u>				PARAMETERS/METHOD NUMBER				CHAIN-OF-CUSTODY RECORD			
PROJECT NO: <u>0-0107</u>				PROJECT NAME: <u>Turner</u>				NUMBER OF CONTAINERS				LABORATORY INFORMATION			
PAGE	OF	LAB. PO #	SAMPLE IDENTIFICATION	DATE	TIME	WATER	SOIL	OTHER	LAB. I.D. NUMBER	LAB. USE ONLY	REMARKS	DATE	TIME		
6/23	210		55-100						0306862	-01					
"	215		55-101							02					
"	220		55-102							03					
"	230		55-103							04					
"	235		55-104							05					
"	240		55-105							06					
SAMPLED BY: <u>[Signature]</u> DATE: <u>6/23</u> TIME: <u>11:15</u> REINQUISHED BY: <u>[Signature]</u> DATE: <u>6/23</u> TIME: <u>5:10</u> COMMENTS: <u>[Signature]</u> RECEIVED BY: <u>[Signature]</u> DATE: <u>6/23</u> TIME: <u>1715</u> TURNAROUND TIME NEEDED															
RECEIVING LABORATORY:				RECEIVED BY: <u>[Signature]</u>				WHITE - RECEIVING LAB				DATE: _____			
ADDRESS:				CITY:				STATE: _____ ZIP: _____				YELLOW - RECEIVING LAB (TO BE RETURNED TO LA AFTER RECEIPT)			
CONTACT:				PHONE: _____				PINK - PROJECT MANAGER				AIRBILL #:			
SAMPLE CONDITION WHEN RECEIVED:				LA CONTACT PERSON:				GOLD - QA/QC COORDINATOR				OTHER:			
SAMPLE TYPE: <u>1500 for class</u>															

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 202 • Midland, TX 79701
Fax: 915-687-0456
915-687-0901