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REPORTS

DATE:

4-30-2001

Assessment Report
Linda Foster/Grimes Lease
Lea County, New Mexico

Submitted: April 30, 2001

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Grimes Lease – Linda Foster Property

Assessment Report

Hobbs, Lea County, New Mexico

Executive Summary

The IT Corporation, under contract to ARCO, assessed the Linda Foster property in Lea County, New Mexico in March, 2001. Soils collected from the property and ground water collected from an onsite water well were analyzed according to guidelines set forth in an New Mexico state-approved work plan.

Based on soil and ground water analyses, no significant contamination was discovered at the site when results were compared to New Mexico soil and ground water guidelines and standards.

Introduction

The Grimes Lease – Linda Foster Property is located in the northwestern quadrant of Hobbs, Lea County, New Mexico, in the northwest quarter (NW/4) of Section 28 – Township 18 South – Range 28 East. Specifically, the Linda Foster property consists of approximately 3.3 acres located at 1700 West Lorene Drive in the city limits of Hobbs, New Mexico (Figure 1). The property is presently a residence consisting of a mobile home, a house, a workshop, an above ground storage tank which has been converted to a storage shelter, and a couple of carports used for storage. The property contains a pipeline easement, along the south side running parallel with Lorene Drive, where an active pipeline is located.

Historically, the property was used as a work camp area for oilfield workers. The historical work camp headquarters building is still on the property (see Figure 2).

Sampling Locations and Methodology Discussion

The Linda Foster property is located in an area which is considered an oil and gas producing area. Presently, there are pump jacks that are still operating in the area around the property but no direct oilfield activities are located on the property.

A work plan was designed by IT Corporation, under contract to ARCO, and approved by the New Mexico Energy, Minerals and Natural Resources Department, Oil Conservation Division (OCD). The work plan targeted several areas on the property that were identified using historical aerial photos (see Figure 3). Three areas (A, B, and C) were identified and sampling of the areas is discussed below. In addition to the areas where

soils were sampled, a water well, which is located in the northwest corner of the property, was dismantled, bailed, and sampled.

All sampling activities took place on March 28, 2001. All samples were analyzed by Test America located at 2960 Foster Creighton Drive, Nashville, Tennessee 37204.

Area A

Area A is located in the northeast central part of the property as can be seen in Figure 3. This area was targeted because aerial photos showed a possible location of a historic pit. The work plan required five trenches to be dug in a five-spot configuration to evaluate this area (see Figure 3). Each trench was sampled at 0-1 foot, 3-4 feet, and 6-7 feet depths. The trenches were dug using a backhoe to a specific sample depth and then samples were taken using a hand auger. The hand auger was decontaminated after taking each sample.

Area B

Area B is located in the southeast part of the property in an area where a historic cellar was located (see Figure 3). Historic use of the cellar was not identified but according to the landowners, it contained trash and debris. The cellar was approximately 6 to 8 feet deep and constructed of concrete. The landowners had broken the top of the cellar and filled it in with fill dirt. Two trenches were dug on the approximate edges of the cellar on the north and south sides. The trenches were dug to depth of eight feet and then a hand auger was used to sample the interval from 8-9 feet. Two samples were taken from each trench. The samples were composited over this interval. The hand auger was decontaminated after taking each sample.

Area C

Area C is located over the western two-thirds of the property as can be seen in Figure 3. Samples were taken using a hand auger to depth of two feet. The soils were composited at each location over this interval for analysis. Originally, the work plan called for seven samples to be taken in Area C. Five additional samples were added to the plan in the field to provide for a more complete data set to evaluate the property.

Property Water Well

The water well that is located in the northwest corner of the property (see Figure 2 and 3) was sampled during the operations. The well was mounted with a top-mounted electric motor with the downhole pump take-up set at 100 feet. The well total depth was found to be at 122 feet. The water level was measured with an interface probe at approximately 70 feet. No evidence of hydrocarbons was

discovered either during the pulling of the pump, during the gauging of the well, or during bailing of the well.

Sampling Results (refer to Tables 1, 2, 3 and 4 for analytical data)

Area A

Area A samples were taken from an area where it was thought that a historical pit might have been located (see Figure 2 and 3). The samples were taken from three depth intervals – 0-1 foot, 3-4 feet, and 6-7 feet.

Area A sample analyses for TPH indicate that there is some minor occurrences of >C10-C35 hydrocarbons in the 0-1 foot interval ranging from 107 mg/kg total TPH in sample S-7 to 520 mg/kg total TPH in sample S-11 (see Table 1). BTEX analyses show no occurrences of Benzene, Ethylbenzene, or Toluene in any of the samples. Samples S-12 (0.021 mg/kg @ 3-4 feet) and S-13 (0.014 mg/kg @ 6-7 feet) show trace amounts of total Xylenes. The reporting limits for the TPH analysis is 25 mg/kg for the >C6-C10, >C10-C28, and >C28-C35. The reporting limit for TPH(total) is 75 mg/kg. BTEX analyses reporting limits are 0.01 mg/kg.

Inorganic (metals) analyses show that all metals are within the range of background (Texas-Specific Background Concentrations/USGS Background Concentrations) levels in this area. Although only some metals are listed in the American Petroleum Institute(API) Land Management Guidelines document, the metal concentration levels are still considerably lower than the recommended levels cited in this document. Manganese in sample S-17 (590 mg/kg @ 0-1 foot) is slightly above the background levels listed. The samples were also analyzed for Cadmium, Mercury, Molybdenum, and Selenium and all samples were below method detection limits. These metals data are not included in Table 2.

Chloride concentrations are relatively low in Area A with the exception of samples S-15 (1,120 mg/kg @ 3-4 feet) and S-16 (2,240 mg/kg @ 6-7 feet) (see Table 3).

Area B

These samples were taken from 8-9 feet depth in an attempt to evaluate contamination that would have seeped from the cellar structure at depth. No hydrocarbon staining or precipitates were found on the concrete debris that was dug up in the excavation.

Area B sample analyses for TPH and BTEX show no detection of hydrocarbons at the method reporting limits of the analyses (see Table 1). The reporting limits for the TPH analysis is 25 mg/kg for the >C6-C10, >C10-C28, and >C28-C35. The

reporting limit for TPH (total) is 75 mg/kg. BTEX analyses reporting limits are 0.01 mg/kg.

Inorganic (metals) analyses show that no metals are above background (Texas-Specific Background Concentrations/USGS Background Concentrations) levels in this area (see Table 2). Although only some metals are listed in the American Petroleum Institute(API) Land Management Guidelines document, the metal concentration levels are still considerably lower than the recommended levels cited in this document. The samples were also analyzed for Cadmium, Mercury, Molybdenum, and Selenium and all samples were below method detection limits. These metals are not included in Table 2.

Chlorides analyses of the sediments in Area B are very low as can be seen in Table 3 for this area.

Area C

These samples were taken from a depth of 0-2 feet and composited for analyses. Refer to Figure 3 for sample locations.

Area C sample analyses for TPH are all below detection with the exception of sample S-27 (922 mg/kg – total TPH). BTEX analyses show no detection of hydrocarbons at the method reporting limits of the analyses (see Figure XX). The reporting limits for the TPH analysis is 25 mg/kg for the >C6-C10, >C10-C28, and >C28-C35. The reporting limit for TPH(total) is 75 mg/kg. BTEX analyses reporting limits are 0.01 mg/kg (refer to Table 1).

Inorganic (metals) analyses show that no metals are above background (Texas-Specific Background Concentrations/USGS Background Concentrations) levels in this area (see Table 2). Although only some metals are listed in the American Petroleum Institute (API) Land Management Guidelines document, the metal concentration levels are still considerably lower than the recommended levels cited in this document. The samples were also analyzed for Cadmium, Mercury, Molybdenum, and Selenium and all samples were below method detection limits. These metals data are not included in Table 2.

Chlorides analyses of the sediments in Area C are low as is illustrated in Table 3 for this area.

Property Water Well

The Foster Property water well is located in the northwest corner of the property. The well was bailed using a 4-inch bailer. Approximately 35 gallons of water was recovered during the bailing operations. The conductivity was measured during bailing operations. Initial conductivity readings were 4300 umhos/cm and after approximately an hour of bailing the readings were 4090 umhos/cm. The readings

during bailing ranged from 3980 to 4250 umhos/cm. We considered these readings fairly stable and collected the samples for analysis. All analytical results for the water sample collected are shown in Table 4.

The water samples were analyzed for organics (BTEX/TPH), metals, nitrate, and total dissolved solids (TDS) (see Table 4). BTEX analysis of the water showed the sample to be below method detection limits, which is 0.001 mg/L, with respect to Benzene, Ethylbenzene, and Toluene. The sample contained a trace of total Xylenes (0.0017 mg/L). These values are all less than New Mexico guidance standards for ground water of 10,000 mg/L TDS concentration or less. TPH analysis showed the sample to be below method detection limits (2.5 mg/L – C6-C35 range and 7.5 – Total TPH range) over the C6-C35 hydrocarbon range.

Metal analytical results (see Table 4) for the water sample are all below the New Mexico guidance standards for ground water of 10,000 mg/L TDS concentration or less with the exception of iron, which is significantly higher than the standard. This could be due to the regional conditions in the aquifer at depth.

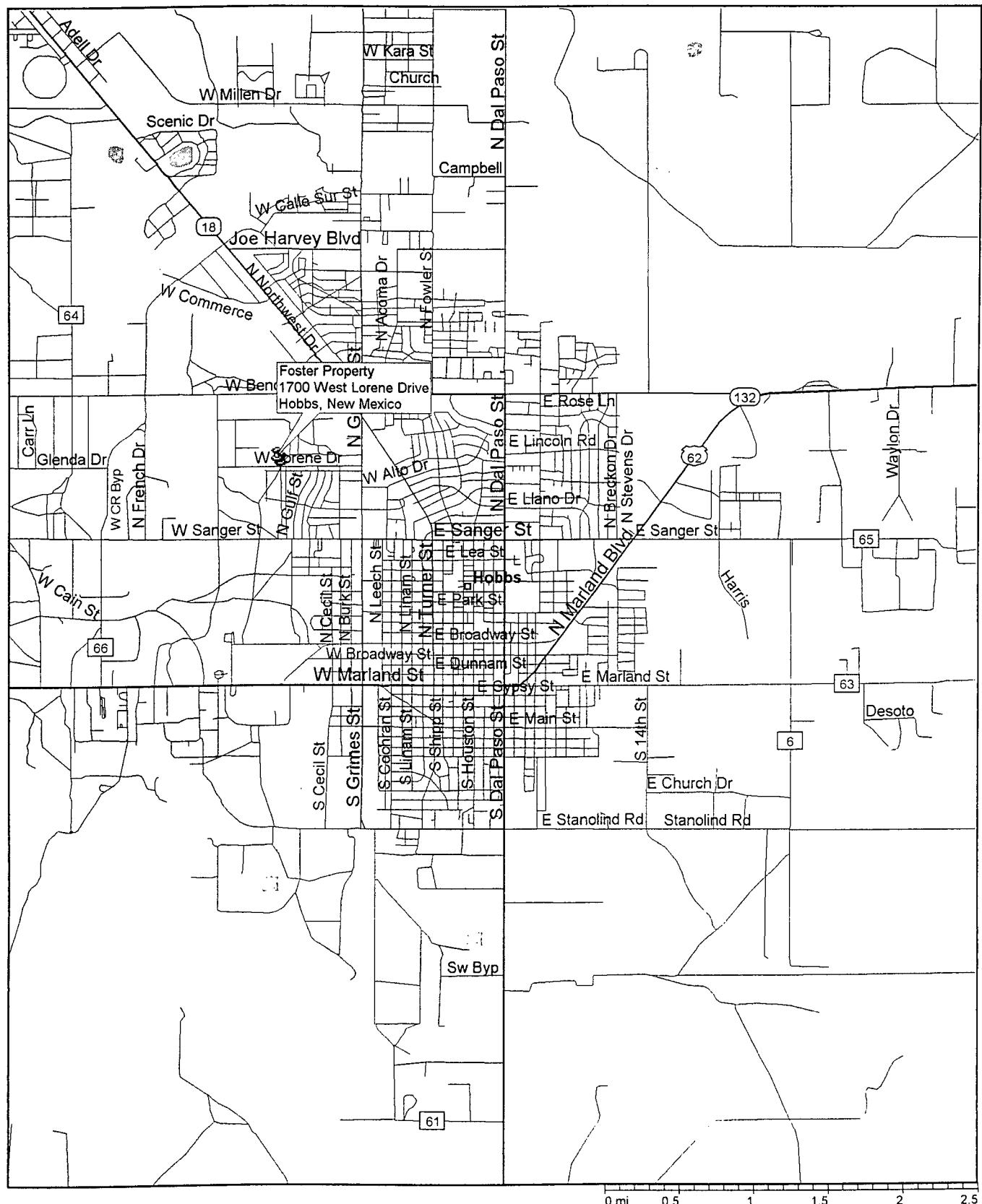
The water sample was also analyzed for nitrate and TDS, which were both significantly lower than the New Mexico ground water standards (see Table 4).

Conclusions

In conclusion, there was no significant contamination found in the soil or water media sampled at the Linda Foster property site in Lea County, New Mexico.

Figures

Figure 1. Regional Location Map - Linda Foster Property



Microsoft Expedia.
Streets⁹⁸

Figure 2. 1997 Aerial Photo of Linda Foster Property, Lea County, New Mexico

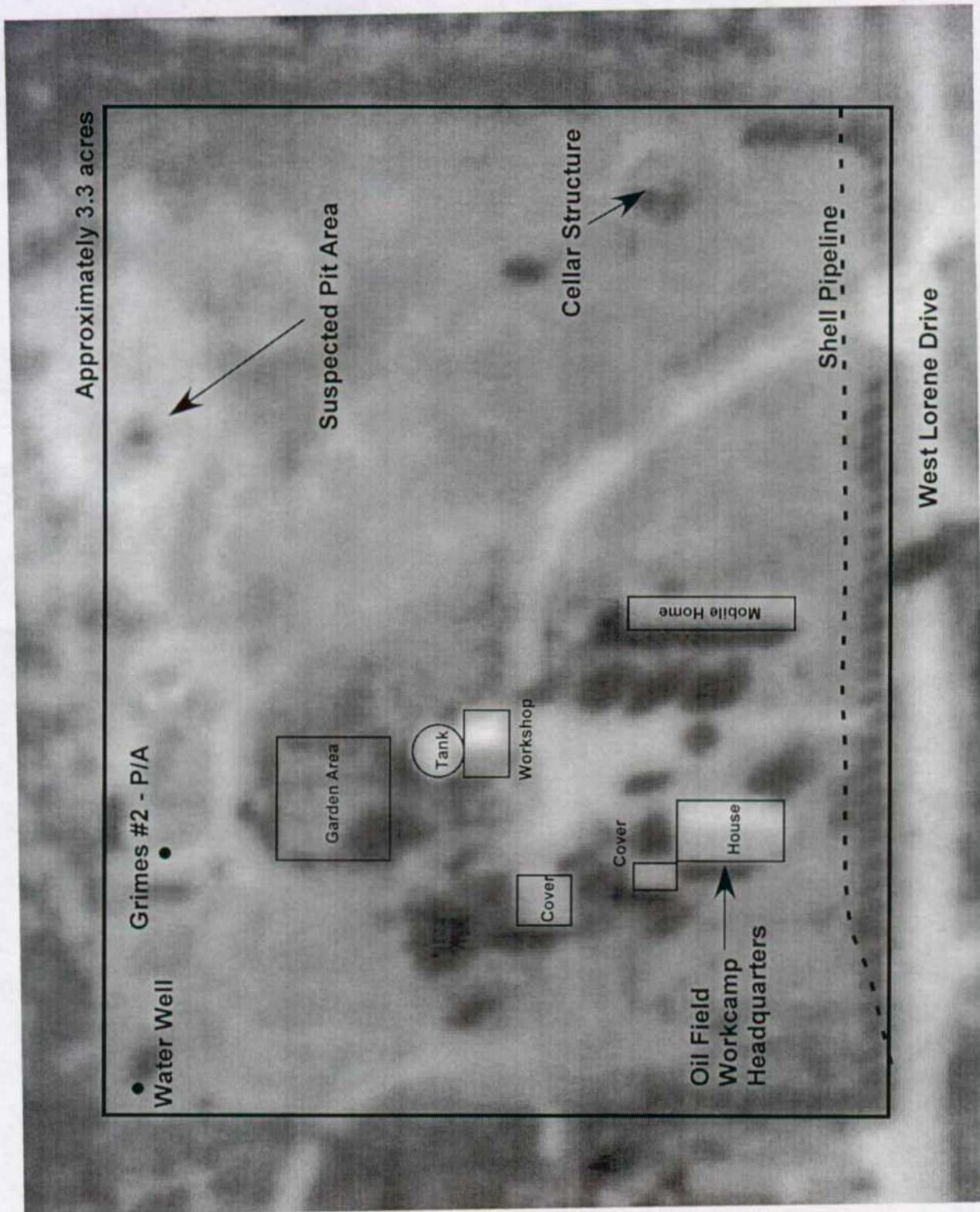
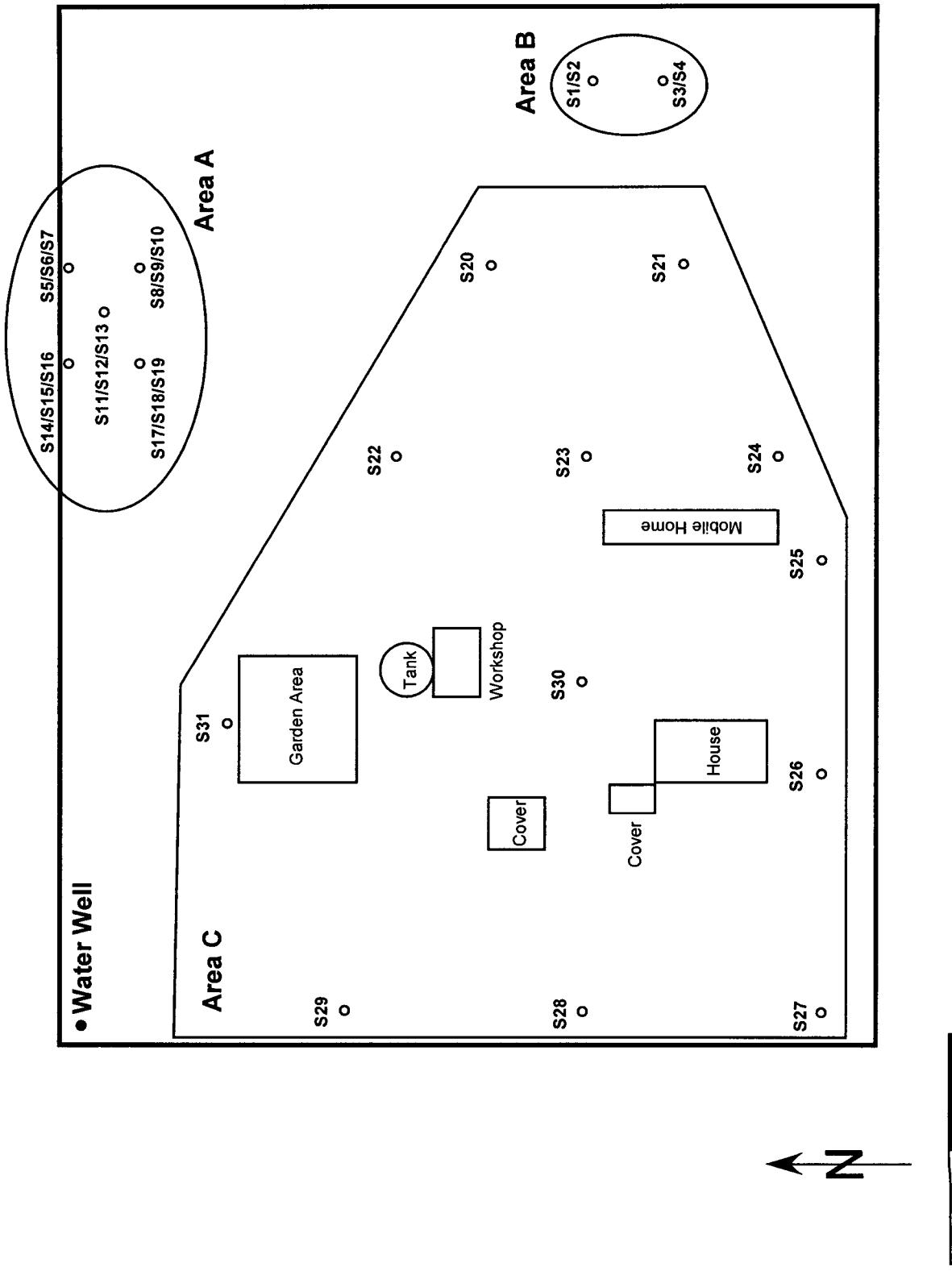


Figure 3. Sample Location Map - Linda Foster Property, Lea County, New Mexico



Tables

Table 1. Soils Metal Analytical Data, Linda Foster Property, Lea County, New Mexico

Area			Aluminum	Arsenic	Barium	Boron	Chromium	Iron	Lead	Manganese	Nickel	Zinc
	Texas-Specific Background Concentrations		30,000	5.9	300	30	15,000	15	300	10	30	
	USGS Background Concentrations		66,000	7.2	580	34	54	25,000	19	560	19	60
API Land Management Guidelines			40	175000		1500		300		210	1400	
Sample #		Units	Depth									
B	S-1	mg/kg	8'-9'	9250	3.16	239	10.9	8.1	6320	3.56	112	7.51
B	S-2	mg/kg	8'-9'	8860	3.13	92	9.78	8.22	6540	4.3	127	7.63
B	S-3	mg/kg	8'-9'	7260	2.34	138	10.3	6.62	4340	2.14	39.1	4.67
B	S-4	mg/kg	8'-9'	5860	2.2	96.4	ND	5.4	3780	2.2	46.6	4.6
A	S-5	mg/kg	3'-4'	5580	2.96	442	ND	4.34	3630	2.37	31.8	6.9
A	S-6	mg/kg	6'-7'	5700	4.54	219	ND	4.93	3870	2.17	39.1	5.72
A	S-7	mg/kg	0'-1'	8010	2.73	185	ND	8.4	7620	11.5	158	8.2
A	S-8	mg/kg	0'-1'	10400	3	197	ND	11.4	11200	22	244	12.6
A	S-9	mg/kg	3'-4'	3550	6.41	666	ND	3.69	2190	ND	22.5	7.38
A	S-10	mg/kg	6'-7'	3690	3.65	235	ND	3.46	2460	1.54	29.4	5.19
A	S-11	mg/kg	0'-1'	9090	2.7	166	ND	10.2	10800	22	237	13.3
A	S-12	mg/kg	3'-4'	4040	3.12	182	ND	3.91	3050	2.15	43.2	5.27
A	S-13	mg/kg	6'-7'	6090	2.95	202	ND	6.29	4660	5.3	65.2	7.07
A	S-14	mg/kg	0'-1'	10300	2.77	134	ND	11.3	10500	13.6	366	10.9
A	S-15	mg/kg	3'-4'	3430	4.34	566	ND	3.55	2190	ND	25.8	4.93
A	S-16	mg/kg	6'-7'	8060	3.26	171	9.98	7.49	5800	2.88	83.3	7.1
A	S-17	mg/kg	0'-1'	22700	6.31	357	ND	21.5	19300	18.1	590	16.2
A	S-18	mg/kg	3'-4'	8330	3.91	286	ND	8.22	5380	3.33	65.9	5.48
A	S-19	mg/kg	6'-7'	7660	4.09	323	ND	7.2	4610	3.11	68.3	6.23
C	S-20	mg/kg	0'-2'(comp)	13300	3.9	143	ND	12.9	9070	6.63	177	8.38
C	S-21	mg/kg	0'-2'(comp)	12000	3.11	149	ND	12.1	7970	7	158	7.2
C	S-22	mg/kg	0'-2'(comp)	12500	4.05	163	ND	12.9	8750	8.3	144	8.11
C	S-23	mg/kg	0'-2'(comp)	11900	3.78	157	ND	12.6	7860	10.4	154	7.77
C	S-24	mg/kg	0'-2'(comp)	11600	4.13	153	ND	11.6	8390	13.2	157	7.87
C	S-25	mg/kg	0'-2'(comp)	11100	3.88	142	ND	11.4	7940	7.36	140	7.17
C	S-26	mg/kg	0'-2'(comp)	13300	3.72	154	ND	13.3	10000	12.2	245	9.22
C	S-27	mg/kg	0'-2'(comp)	10800	4.17	136	ND	10.5	8220	8.33	148	7.34
C	S-28	mg/kg	0'-2'(comp)	10700	3.71	132	ND	10.4	7950	7.62	150	7.23
C	S-29	mg/kg	0'-2'(comp)	10900	3.57	138	ND	10.7	8330	6.55	148	7.94
C	S-30	mg/kg	0'-2'(comp)	8330	4.49	279	ND	9.77	5650	10.4	103	7.03
C	S-31	mg/kg	0'-2'(comp)	8820	3.16	171	ND	9.07	6860	6.9	130	6.11

Table 2. Soils Organic (TPH/BTEX) Analytical Data, Linda Foster Property, Lea County, New Mexico

Table 3. Soils Chloride Analytical Data, Linda Foster Property, Lea County, New Mexico

Area	Sample #	Units	Depth	Chloride
B	S-1	mg/kg	8'-9'	12.5
B	S-2	mg/kg	8'-9'	18.2
B	S-3	mg/kg	8'-9'	ND
B	S-4	mg/kg	8'-9'	ND
A	S-5	mg/kg	3'-4'	186
A	S-6	mg/kg	6'-7'	195
A	S-7	mg/kg	0'-1'	27.3
A	S-8	mg/kg	0'-1'	ND
A	S-9	mg/kg	3'-4'	53.3
A	S-10	mg/kg	6'-7'	118
A	S-11	mg/kg	0'-1'	ND
A	S-12	mg/kg	3'-4'	34.1
A	S-13	mg/kg	6'-7'	21.2
A	S-14	mg/kg	0'-1'	555
A	S-15	mg/kg	3'-4'	1120
A	S-16	mg/kg	6'-7'	2240
A	S-17	mg/kg	0'-1'	26.6
A	S-18	mg/kg	3'-4'	ND
A	S-19	mg/kg	6'-7'	28.4
C	S-20	mg/kg	0'-2'(comp)	ND
C	S-21	mg/kg	0'-2'(comp)	ND
C	S-22	mg/kg	0'-2'(comp)	ND
C	S-23	mg/kg	0'-2'(comp)	ND
C	S-24	mg/kg	0'-2'(comp)	14.7
C	S-25	mg/kg	0'-2'(comp)	ND
C	S-26	mg/kg	0'-2'(comp)	ND
C	S-27	mg/kg	0'-2'(comp)	104
C	S-28	mg/kg	0'-2'(comp)	ND
C	S-29	mg/kg	0'-2'(comp)	29
C	S-30	mg/kg	0'-2'(comp)	117
C	S-31	mg/kg	0'-2'(comp)	13.1

Table 4. WW-1 Groundwater Analytical Data, Linda Foster Property, Lea County, New Mexico

Metals	Sample # WW-1	New Mexico GW Standards (mg/L)	Units mg/L
Aluminum	0.257	5	mg/L
Arsenic	0.024	0.1	mg/L
Barium	0.23	1	mg/L
Cadmium	0.001	0.01	mg/L
Chromium	0.03	0.05	mg/L
Iron, Total	73.2	1	mg/L
Lead	0.095	0.05	mg/L
Manganese	1.09	0.2	mg/L
Mercury	ND	0.002	mg/L
Molybdenum	ND	1	mg/L
Nickel	ND	0.2	mg/L
Selenium	ND	0.05	mg/L
Zinc	3.38	10	mg/L

Organics	Sample # WW-1	New Mexico GW Standards (mg/L)	Units mg/L
BTEX			
Benzene	ND	0.01	mg/L
Ethylbenzene	ND	0.75	mg/L
Toluene	ND	0.75	mg/L
Xylenes(total)	0.0017	0.62	mg/L
TPH			
>C6-C10	ND		mg/L
>C10-C28	ND		mg/L
>C28-C35	ND		mg/L
C6-C35	ND		mg/L

Other	Sample # WW-1	New Mexico GW Standards (mg/L)	Units mg/L
Nitrate	ND	10	mg/L
Total Dissolved Solids	313	1000	mg/L

From: TEST AMERICA INC.
2960 Foster Creighton Drive
Nashville, Tennessee 37204

To: IT CORP

To follow are laboratory reports relating to your project 806694.

Please forward these reports to CHARLES ROBERTS.

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2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Fax: 615-726-3404

234356

To assist us in using the proper analytical methods,
is this work being conducted for regulatory purposes?
Compliance Monitoring

Client Name:

IT Services

Client #:

PPV

Address:

2960 Foster Creighton

City/State/Zip Code:

Mem. TN 37204

Project Manager:

Charles Roberts

Telephone Number:

(912) 509-6022

Fax: (912) 509-6032

Sampler Name: (Print Name)

Charles Roberts

Sampler Signature:

Charles Roberts

Site/Location ID:

2960 W. Lawrence

State:

TN

Project Name:

HMO Crime

Project #:

SC00014

Report To:

Charles Roberts

Invoice To:

Charles Roberts

Quote #:

143456

PO#:

1434567

Analyze For:

TAX

Standard

Rush (surcharges may apply)

Date Needed:

Fax Results: Y N

SAMPLE ID

Date Sampled

Time Sampled

G = Grab, C = Composite

Field Filtered

SL - Sludge DW - Drinking Water
GW - Groundwater S - Soil/Solid
WW - Wastewater Specify Other

GW

3

3

3

4

Other (Specify)

BTEX (8021)

TPH (TAKOS)

TDS

Metals (PCB1261)

Nitrates

Cation Exchange

REMARKS

42446

REMARKS

42446

REMARKS

42446

REMARKS

TAX

Standard

Rush (surcharges may apply)

Date Needed:

Fax Results: Y N

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Standard

Rush (surcharges may apply)

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Rush (surcharges may apply)

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</

Please test for the following metals:

Aluminum
Arsenic
Barium
Cadmium
Chromium
Iron
Lead
Manganese
Mercury
Molybdenum
Nickel
Selenium
Zinc

TESTAMERICA, INC.

COOLER RECEIPT FORM

Client: IT Corp BC# 231438

Cooler Received On: 3/30/01 And Opened On: 3/30/01 By: Mark Beasley
M. Beasley
(Signature)

1. Temperature of Cooler when opened 2.0 DEGREES CELSIUS
2. Were custody seals on outside of cooler and intact?.....YES NO
a. If yes, what kind and where: TAPE F/01+
- b. Were the signature and date correct?.....YES NO
3. Were custody seals on containers intact?.....YES NO
4. Were custody papers inside cooler?.....YES NO
5. Were custody papers properly filled out (ink, signed, etc)?.....YES NO
6. Did you sign the custody papers in the appropriate place?.....YES NO
7. What kind of packing material was used? Bubblewrap Peanuts Other None
8. Was sufficient ice used (if appropriate)?.....YES NO
9. Did all bottles arrive in good condition (unbroken)?.....YES NO
10. Were all bottle labels complete (#, date, signed, pres, etc)?.....YES NO
11. Did all bottle labels and tags agree with custody papers?.....YES NO
12. Were correct bottles used for the analysis requested?.....YES NO
13. If present, was any observable VOA headspace present?.....YES NO
14. If present, were VOA vials checked for absence of air bubbles and noted if found?.....YES NO
15. Was sufficient amount of sample sent in each bottle?.....YES NO
16. Were correct preservatives used?.....YES NO
17. Was residual chlorine present (if appropriate)?.....YES NO
18. Corrective action taken, if necessary:
 - a. Name of person contacted: SEE ATTACHED FOR RESOLUTION IF NEEDED
 - b. Date: _____

SAMPLE NONCONFORMANCE/COC REVISION FORM

Test/America

Nashville Division

231939

ACCT NO. 9906

DATE RECEIVED _____

COMPANY IT Corp

Relinquished by:	Date/Time:	Received by:	Date/Time:
MB	4/2/01 16:15	Nancy Reed	4/2/01 4:00
Relinquished by:	Date/Time:	Received by:	Date/Time:
Nancy Reed	4/3/01 10:39	MB	4/3/01 10:34

Relinquished by: Date/Time: Received by: Date/Time:

PROBLEM(S):

FOC/TOC?

METALS LIST?

TPH METHOD?

TCLP WHAT?

EDB METHOD?

HERB LIST- LONG OR SHORT?

NEED LIST OF COMPOUNDS:

8260 INSTEAD OF 8021?

TEMPERATURE UPON RECEIPT

SATURDAY DELIVERY MARKED?

ICE -- OR-- NO ICE??

FIELD TEST-- OUT OF HOLD

NO COC - PLEASE FAX

NO ANALYSIS REQUESTED

DOCUMENTATION LEVEL?

OUT OF HOLDING TIME-- TEST

OTHER: cation exchange capacity only on soil matrix (#4246)

RESOLUTION: proj manager Charles Roberts

sampler Cindy Crain

I informed client ok per Cindy Crain -

CONTACTED	DATE/TIME	EMAIL	LEFT MESSAGE
Charles Roberts	4/3/01		
Cindy Crain	4/3/01		

Revised 8/9/00



ANALYTICAL REPORT

IT CORP 9906
2101 S. LOOP 250 WEST
MIDLAND, TX 79703

Lab Number: 01-A42446
Sample ID: WW-1
Sample Type: Water
Site ID:

Project: 806694
Project Name: ARCO-GRIMES
Sampler: CINDY CRAIN

Date Collected: 3/28/01
Time Collected: 19:30
Date Received: 3/30/01
Time Received: 9:00

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS										
>C6 - C10 Hydrocarbons	ND	mg/l	2.50	2.50	1	4/ 4/01	18:34	J.Saiyasak	TX1005	5512
>C10 - C28 Hydrocarbons	ND	mg/l	2.50	2.50	1	4/ 4/01	18:34	J.Saiyasak	TX1005	5512
>C28 - C35 Hydrocarbons	ND	mg/l	2.50	2.50	1	4/ 4/01	18:34	J.Saiyasak	TX1005	5512
C6 - C35 Hydrocarbons	ND	mg/l	7.5	7.5	1	4/ 4/01	18:34	J.Saiyasak	TX1005	5512
Benzene	ND	mg/l	0.00100	0.00100	1	4/ 5/01	21:53	D.Ramey	8021B	4040
Ethylbenzene	ND	mg/l	0.00100	0.00100	1	4/ 5/01	21:53	D.Ramey	8021B	4040
Toluene	ND	mg/l	0.00100	0.00100	1	4/ 5/01	21:53	D.Ramey	8021B	4040
Xylenes, total	0.00170	mg/l	0.00100	0.00100	1	4/ 5/01	21:53	D.Ramey	8021B	4040
METALS										
Mercury	ND	mg/l	0.00020	0.00020	1	3/31/01	12:13	G.McCord	245.1	2324
Aluminum	0.257	mg/l	0.050	0.000	1	3/31/01	16:18	G.McCord	200.7	2317
Arsenic	0.0240	mg/l	0.0050	0.0500	1	3/31/01	16:18	G.McCord	200.7	2317
Barium	0.230	mg/l	0.010	0.005	1	3/31/01	16:18	G.McCord	200.7	2317
Cadmium	0.0010	mg/l	0.0010	0.0100	1	3/31/01	16:18	G.McCord	200.7	2317
Chromium	0.0300	mg/l	0.0050	0.0010	1	3/31/01	16:18	G.McCord	200.7	2317
Iron, total	73.2	mg/l	0.050	0.005	1	3/31/01	16:18	G.McCord	200.7	2317
Lead	0.0950	mg/l	0.0030	0.0500	1	3/31/01	16:18	G.McCord	200.7	2317
Manganese	1.090	mg/l	0.0150	0.0030	1	3/31/01	16:18	G.McCord	200.7	2317
Molybdenum	ND	mg/l	0.050	0.015	1	3/31/01	16:18	G.McCord	200.7	2317
Nickel	ND	mg/l	0.0100	0.0500	1	3/31/01	16:18	G.McCord	200.7	2317
Selenium	ND	mg/l	0.0050	0.0100	1	3/31/01	16:18	G.McCord	200.7	2317
Zinc	3.380	mg/l	0.0200	0.0050	1	3/31/01	16:18	G.McCord	200.7	2317
MISCELLANEOUS CHEMISTRY										
Nitrate-N as N	ND	mg/l	0.10	0.10	1	3/30/01	22:16	A.Bamarni	353.2	2208

Sample report continued . . .



ANALYTICAL REPORT

Laboratory Number: 01-A42446
Sample ID: WW-1
Project: 806694
Page 2

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
Solids, Total Dissolved	313.	mg/l	20.0	20.0	1	3/30/01	16:00	D. Hessian	160.1	2399

Cation exchange capacity cannot be performed on an water matrix.

ND - Not detected at the report limit.

Sample Extraction Data

Parameter	Extracted	Extract Vol	Date	Time	Analyst	Method
Texas TRPH	35.0 ml	2.5 ml	4/ 4/01		D.Yeager	TX1005

Surrogate	% Recovery	Target Range
BTEX/GRO Surr., a,a,a-TFT	104.	50. - 150.
TX1005 Surrogate	90.	79. - 125.

- Recovery outside Laboratory historical limits.

Sample report continued . . .



ANALYTICAL REPORT

Laboratory Number: 01-A42446
Sample ID: WW-1
Project: 806694
Page 3

These results relate only to the items tested.
This report shall not be reproduced except in full and with
permission of the laboratory.

Report Approved By: Gail Lage

Report Date: 4/ 7/01

Paul E. Lane, Jr., Lab Director
Michael H. Dunn, M.S., Technical Director
Johnny A. Mitchell, Dir. Technical Serv.
Eric S. Smith, Assistant Technical Director

Gail A. Lage, Technical Serv.
Glenn L. Norton, Technical Serv.
Kelly S. Comstock, Technical Serv.
Pamela A. Langford, Technical Serv.

End of Sample Report.



PROJECT QUALITY CONTROL DATA
Project Number: 806694

Matrix Spike Recovery

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sample
UST ANALYSIS								
>C6 - C10 Hydrocarbons	mg/l	< 2.50	58.0	57.1	102	70. - 130.	5512	blank
>C10 - C28 Hydrocarbons	mg/l	< 2.50	57.9	57.1	101	70. - 130.	5512	blank
Benzene	mg/l	< 0.00065	0.05120	0.05000	102	81. - 124.	4040	BLANK
Toluene	mg/l	< 0.00061	0.04960	0.05000	99	83. - 122.	4040	BLANK
Ethylbenzene	mg/l	< 0.00073	0.05230	0.05000	105	85. - 121.	4040	BLANK
Xylenes, total	mg/l	< 0.00061	0.09920	0.1000	99	83. - 123.	4040	BLANK
BTEX/GRO Surr., a,a,a-TFT	% Recovery				102	50. - 150.	4040	

Matrix Spike Recovery

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sample
METALS								
Mercury	mg/l	< 0.00020	0.00084	0.00100	84	80 - 120	2524	01-A42525
Aluminum	mg/l	< 0.050	1.95	2.00	98	80 - 120	2317	Duplicate
Arsenic	mg/l	< 0.0050	0.0470	0.0500	94	80 - 120	2317	Duplicate
Barium	mg/l	< 0.010	1.94	2.00	97	80 - 120	2317	Duplicate
Cadmium	mg/l	< 0.0010	0.0500	0.0500	100	80 - 120	2317	Duplicate
Chromium	mg/l	< 0.0050	0.1900	0.2000	95	80 - 120	2317	Duplicate
Iron, total	mg/l	0.106	1.20	1.00	109	80 - 120	2317	Duplicate
Lead	mg/l	< 0.0030	0.0470	0.0500	94	80 - 120	2317	Duplicate
Manganese	mg/l	< 0.0150	0.4760	0.5000	95	80 - 120	2317	Duplicate
Molybdenum	mg/l	< 0.050	0.489	0.500	98	80 - 120	2317	Duplicate
Nickel	mg/l	< 0.0100	0.5040	0.5000	101	80 - 120	2317	Duplicate
Selenium	mg/l	< 0.0050	0.0490	0.0500	98	80 - 120	2317	Duplicate
Zinc	mg/l	0.0680	0.5740	0.5000	101	80 - 120	2317	Duplicate

Project QC continued . . .



PROJECT QUALITY CONTROL DATA
Project Number: 806694

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
UST PARAMETERS						
>C6 - C10 Hydrocarbons	mg/l	58.0	59.5	2.55	30.	5512
>C10 - C28 Hydrocarbons	mg/l	57.9	57.3	1.04	30.	5512
>C28 - C35 Hydrocarbons	mg/l	< 2.50	< 2.50	N/A	30.	5512
Benzene	mg/l	0.05120	0.05010	2.17	13.	4040
Toluene	mg/l	0.04960	0.04850	2.24	15.	4040
Ethylbenzene	mg/l	0.05230	0.05100	2.52	13.	4040
Xylenes, total	mg/l	0.09920	0.09730	1.93	14.	4040
BTEX/GRO Surr., a,a,a-TFT	% Recovery		102.			4040

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
METALS						
Mercury	mg/l	0.00084	0.00084	0.00	20	2524
Aluminum	mg/l	1.95	1.93	1.03	20	2317
Arsenic	mg/l	0.0470	0.0490	4.17	20	2317
Barium	mg/l	1.94	1.94	0.00	20	2317
Cadmium	mg/l	0.0500	0.0500	0.00	20	2317
Chromium	mg/l	0.1900	0.1890	0.53	20	2317
Iron, total	mg/l	1.20	1.14	5.13	20	2317
Lead	mg/l	0.0470	0.0470	0.00	20	2317
Manganese	mg/l	0.4760	0.4730	0.63	20	2317
Molybdenum	mg/l	0.489	0.490	0.20	20	2317
Nickel	mg/l	0.5040	0.5000	0.80	20	2317
Selenium	mg/l	0.0490	0.0580	16.82	20	2317
Zinc	mg/l	0.5740	0.5690	0.87	20	2317

Project QC continued . . .



PROJECT QUALITY CONTROL DATA
Project Number: 806694

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
-----	-----	-----	-----	-----	-----	-----

MISC PARAMETERS

Nitrate-N as N	mg/l	7.15	7.20	0.70	20	2208
----------------	------	------	------	------	----	------

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
-----	-----	-----	-----	-----	-----	-----

UST PARAMETERS

>C6 - C10 Hydrocarbons	mg/l	57.1	59.7	105	70 - 130	5512
>C10 - C28Hydrocarbons	mg/l	57.1	57.6	101	70 - 130	5512
Benzene	mg/l	0.1000	0.1074	107	82 - 122	4040
Toluene	mg/l	0.1000	0.1028	103	85 - 120	4040
Ethylbenzene	mg/l	0.1000	0.1085	108	86 - 120	4040
Xylenes, total	mg/l	0.2000	0.2021	101	84 - 122	4040
BTEX/GRO Surr., a,a,a-TFT	% Recovery			104	84 - 122	4040

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
-----	-----	-----	-----	-----	-----	-----

METALS

Mercury	mg/l	0.00100	0.00102	102	85 - 115	2524
Aluminum	mg/l	2.00	1.87	94	85 - 115	2317
Arsenic	mg/l	0.0500	0.0480	96	85 - 115	2317
Barium	mg/l	2.00	1.96	98	85 - 115	2317
Cadmium	mg/l	0.0500	0.0520	104	85 - 115	2317
Chromium	mg/l	0.2000	0.1950	98	85 - 115	2317
Iron, total	mg/l	1.00	1.15	115	85 - 115	2317
Lead	mg/l	0.0500	0.0470	94	85 - 115	2317
Manganese	mg/l	0.5000	0.4820	96	85 - 115	2317
Molybdenum	mg/l	0.500	0.490	98	85 - 115	2317

Project QC continued . . .



PROJECT QUALITY CONTROL DATA
Project Number: 806694

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
Nickel	mg/l	0.5000	0.5170	103	85 - 115	2317
Selenium	mg/l	0.0500	0.0480	96	85 - 115	2317
Zinc	mg/l	0.5000	0.5130	103	85 - 115	2317

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
---------	-------	------------	--------------	------------	--------------	------------

MISC PARAMETERS

Nitrate-N as N	mg/l	5.50	5.40	98	90 - 110	2208
	Duplicates					

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch	Sample Dup'd
Solids, Total Dissolved	mg/l	310.	319.	2.86	15.	2399	01-A42479

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
---------	-------------	-------	------------	---------------	---------------

UST PARAMETERS

>C6 - C10 Hydrocarbons	< 2.50	mg/l	5512	4/ 4/01	15:42
>C10 - C28 Hydrocarbons	< 2.50	mg/l	5512	4/ 4/01	15:42
>C28 - C35 Hydrocarbons	< 2.50	mg/l	5512	4/ 4/01	15:42
C6 - C35 Hydrocarbons	< 7.5	mg/l	5512	4/ 4/01	15:42
Benzene	< 0.00065	mg/l	4040	4/ 5/01	18:55
Toluene	< 0.00061	mg/l	4040	4/ 5/01	18:55
Ethylbenzene	< 0.00073	mg/l	4040	4/ 5/01	18:55
Xylenes, total	< 0.00061	mg/l	4040	4/ 5/01	18:55
BTEX/GRO Surr., a,a,a-TFT	104.	% Recovery	4040	4/ 5/01	18:55

Project QC continued . . .

TestAmerica

INCORPORATED

PROJECT QUALITY CONTROL DATA
Project Number: 806694

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
-----	-----	-----	-----	-----	-----
METALS					
Mercury	< 0.00020	mg/l	2524	3/31/01	12:13
Aluminum	< 0.050	mg/l	2317	3/31/01	16:18
Arsenic	< 0.0050	mg/l	2317	3/31/01	16:18
Barium	< 0.010	mg/l	2317	3/31/01	16:18
Cadmium	< 0.0010	mg/l	2317	3/31/01	16:18
Chromium	< 0.0050	mg/l	2317	3/31/01	16:18
Iron, total	< 0.050	mg/l	2317	3/31/01	16:18
Lead	< 0.0030	mg/l	2317	3/31/01	16:18
Manganese	< 0.0150	mg/l	2317	3/31/01	16:18
Molybdenum	< 0.050	mg/l	2317	3/31/01	16:18
Nickel	< 0.0100	mg/l	2317	3/31/01	16:18
Selenium	< 0.0050	mg/l	2317	3/31/01	16:18
Zinc	< 0.0200	mg/l	2317	3/31/01	16:18

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
-----	-----	-----	-----	-----	-----
MISC PARAMETERS					
Nitrate-N as N	< 0.10	mg/l	2208	3/30/01	22:12
Solids, Total Dissolved	< 20.0	mg/l	2399	3/30/01	16:00

- Value outside Laboratory historical QC limits.

End of Report for Project 231938

TestAmerica

INCORPORATED

Nashville Division
Nashville, TN 37204

Phone: 615-726-0177
Fax: 615-726-3404

To assist us in using the proper analytical methods,
is this work being conducted for regulatory purposes?
Compliance Monitoring

Client Name: <u>I.T. Corporation</u>		Client #: <u>9906</u>		Project Name: <u>Hire - Crime's</u>	
Address: <u>2300 West Plaza Parkway</u>		City/State/Zip Code: <u>Plano, TX 75075</u>		Project #: <u>SD-Crime's</u>	
Project Manager: <u>Charles Roberts</u>		Telephone Number: <u>(972) 509-6022</u>		Site/Location ID: <u>1700 W. Loraine</u>	
Sampler Name: (Print Name) <u>Charles Gray</u>		Fax: <u>(972) 509-6032</u>		State: <u>NY</u>	
Sampler Signature: <u>Charles Gray</u>		Quote #: <u>163527</u>		Report To: <u>Charles Roberts</u>	
TAT <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush (surcharges may apply)		Preservation & # of Containers		PO#: <u>163527</u>	
Date Needed:		Matrix			
Fax Results: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N		Date Sampled			
SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite		
5-1	8-9'	3/28/01 11:00a	G		
5-2	8-9'	3/28/01 11:05a	G		
5-3	8-9'	3/28/01 11:35a	G		
5-4	8-9'	3/28/01 11:40a	G		
5-5	3-4'	3/28/01 12:00n	G		
5-6	4-7'	3/28/01 12:40p	G		
5-7	0-1'	3/28/01 12:40p	G		
5-8	0-1'	3/28/01 12:40p	G		
5-9	3-4'	3/28/01 12:40p	G		
5-10	6-7'	3/28/01 12:40p	G		
Special Instructions: <i>* See attached list for specific meths</i>					
Analyze For:					
SL - Sludge DW - Drinking Water GW - Groundwater S - Soil/Solid WW - Wastewater Specify Other					
HNO ₃ HCl NaOH H ₂ SO ₄ Methanol None Other (Specify)					
BTEX (8021) TPH (71005) Chloride Metals *					
REMARKS					
QC Deliverables <input type="checkbox"/> None <input type="checkbox"/> Level 2 <input type="checkbox"/> (Batch QC) <input type="checkbox"/> Level 3 <input type="checkbox"/> Level 4 <input type="checkbox"/> Other: <u>43580</u>					
REC Lab Temp: <u>43580</u>					
LABORATORY COMMENTS: Init Lab Temp: <u>43580</u>					
Custody Seals: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> N/A Bottles Supplied by TestAmerica: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N					
Received By: <u>C. W. John</u> Date: <u>3/31/01</u> Time: <u>0700</u> Received By: <u>C. W. John</u> Date: <u>3/31/01</u> Time: <u>0700</u> Received By: <u>C. W. John</u> Date: <u>3/31/01</u> Time: <u>0700</u>					

TestAmerica

INCORPORATED

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Fax: 615-726-3404

To assist us in using the proper analytical methods,
is this work being conducted for regulatory purposes?
Compliance Monitoring

132 105

Client Name

TT Corporation

Client #: 9906

Address:

2300 West Plaza Parkway

Project Name:

Aero - Crimes

Project #:

SITE/Location ID:

1700 W. Lance

State:

MM

City/State/Zip Code:

Bluff TN 37075

Report To:

Charles Roberts

Quote #:

1700 W. Lance

Project Manager:

Charles Roberts

Telephone Number:

(912) 509-6022

Fax:

(912) 509-6032

Sampler Name: (Print Name)

Lucky Hayes

Sampler Signature:

Lucky Hayes

TAX

Standard

Rush (surcharges may apply)

Date Needed:

REMARKS

Matrix

Preservation & # of Containers

Analyze For:

QC Deliverables

SL

- Sludge

DW - Drinking Water

None

Level 2

GW

- Groundwater

S - Soil/Solid

(Batch QC)

Level 3

WW

- Wastewater

Specify Other

Level 4

Level 4

G

- Grab

C - Composite

Other

Other

SAMPLE ID Date Sampled Time Sampled

5-11 3/25/01 1:00p

5-12 3-4 3/25/01 1:55p

BTEX (8021)

TPH (TX1005)

Chloride

*Metals **

43590

43591

Special Instructions:

* See attached list for specific metals

Init Lab Temp:

LABORATORY COMMENTS:

Rec Lab Temp:

Relinquished By: <i>Lucky Hayes</i>	Date: <i>3/25/01</i>	Time: <i>4:10p</i>	Received By:	Date:	Time:
Received By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:

Custody Seals: Y N N/A
Bottles Supplied by TestAmerica: Y N

Method of Shipment:

TestAmerica

Nashville Division
INCORPORATED
Nashville, TN 37204

Phone: 615-726-0177
Fax: 615-726-3404

To assist us in using the proper analytical methods,
is this work being conducted for regulatory purposes?
Compliance Monitoring

Client Name: JT Corporation Client #: Q1C1C

Address: 2300 West Plaza Parkway

City/State/Zip Code: Plano, TX 75075

Project Manager: Charles Roberts

Telephone Number: (417) 2509-6022 Fax: (417) 2509-6032

Sampler Name: (Print Name) Cindy Grabin

Sampler Signature: Cindy Grabin

Project Name: Refugee Homes
Project #: 8000000000

Site/Location ID: 1100 W. Longfle State: NM

Report To: Charles Roberts

Invoice To: Charles Roberts

Quote #: PO# 166327

SAMPLE ID	Date Sampled	Time Sampled	Field Filtered	Matrix	Preservation & # of Containers	Analyze For:	QC Deliverables			
							SL - Sludge	DW - Drinking Water	GW - Groundwater	S - Soil/Solid
S-13	6-7'	3/28/01 1:10p	G	HNO ₃	X	BTEX (802)	—	—	—	
S-14	0-1'	3/28/01 1:22p	G	HCl	X	TPH (TX1005)	—	—	—	
S-15	3-4'	3/28/01 1:31p	G	NaOH	X	Chloride	—	—	—	
S-16	6-7'	3/28/01 1:35p	G	H ₂ SO ₄	X	metals	—	—	—	
S-17	0-1'	3/28/01 1:40p	G	Methanol	X		—	—	—	
S-18	3-4'	3/28/01 1:45p	G	None	X		—	—	—	
S-19	6-7'	3/28/01 1:50p	G	Other (Specify)	X		—	—	—	
S-20	0-2'	3/28/01 3:50p	C		X		—	—	—	
S-21	0-2'	3/28/01 4:00p	C		X		—	—	—	
S-22	0-1'	3/28/01 4:15p	C		X		—	—	—	

Special Instructions:

*See Attached list for specific metals

LABORATORY COMMENTS:

Init Lab Temp: 43.601

Rec Lab Temp:

Custody Seals: Y N N/A
Bottles Supplied by TestAmerica: Y N

Method of Shipment:

Relinquished By: <u>John Grabin</u>	Date: <u>3/30/01</u>	Time: <u>5:15p</u>	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:

TestAmerica

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Fax: 615-726-3404

To assist us in using the proper analytical methods,
is this work being conducted for regulatory purposes?
Compliance Monitoring _____

Client Name JTC Corporation INCORPORATED		Client #: 9AC00	
Address: 2300 W. Belmont PKWY		Project Name: ARCO Games	
City/State/Zip Code: Pleasanton, CA 94565		Project #: 8000094	
Project Manager: Charles Roberto		Site/Location ID: 1700 W. Cerrito st. NM	
Telephone Number: (407) 550-1602		Report To: Charles Roberto	
Sampler Name: (Print Name) Charles Roberto		Invoice To: Charles Roberto	
Sampler Signature: Charles Roberto		Quote #: PO# 168527	
<input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush (surcharges may apply)		Date Sampled Time Sampled <small>G = Grab, C = Composite</small> Field Filtered <small>SL - Sludge DW - Drinking Water GW - Groundwater S - Soil/Solid WW - Wastewater Specify Other</small>	
SAMPLE ID 5-23 5-24		Matrix <small>HNO₃ HCl NaOH H₂SO₄ Methanol None Other (Specify)</small>	
		Analyze For: <small>BTEX (8021) TPH (81005) Chloride Metals</small>	
		QC Deliverables <small>— None — Level 2 (Batch QC) — Level 3 — Level 4 Other: _____</small>	
		REMARKS <small>43602 43603</small>	
Special Instructions: <i>* Segmented list for specific methods</i>		LABORATORY COMMENTS: <small>Init Lab Temp: Rec Lab Temp:</small>	
Relinquished By: <i>John J. Sauer</i> Date: <i>3/24/01</i> Time: <i>5:15</i> Received By: _____		Date: _____ Time: _____	
Relinquished By: _____ Date: _____ Time: _____ Received By: _____		Date: _____ Time: _____ Received By: <i>C. Roberto</i> Date: <i>3/31/01</i> Time: <i>0700</i> Method of Shipment: _____	
Relinquished By: _____ Date: _____ Time: _____ Received By: _____		Custody Seals: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N <input type="checkbox"/> N/A Bottles Supplied by TestAmerica: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

TestAmerica

Nashville Division
2960 Foster Creighton
Nashville TN 37204

Phone: 615-726-0177
Fax: 615-726-3404

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes

Client Name: STI Corporation **Client #:** ACBle

Client Name ST C Corporation **Client #** ACBle

Compliance Monitoring

卷之三

City/State/Zip Code: Blaine, MN 55719
Address: 2300 W. 1st Ave.

. 100

Project Name:

卷之三

Die Eindes

Project Manager: James Robert
Telephone Number: (973) 599-1883 Fax: (973) 599-18833

File Location ID: 700 13. Long State: HRM
Report To: Charles Baker et al.

Name: (Print Name) _____
Seminar Signature: _____

Invoice To: Charles Roberto

TEST AMERICA INC.
2960 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

** Original report and a copy of the chain of custody will follow by mail.

IT CORP 9906

2101 S. LOOP 250 WEST
MIDLAND, TX 79703

Lab Number: 01-A43580

Sample ID: S-1 8-9'

Date Collected: 3/28/01

Project: 806694

Time Collected: 11:00

Project Name: ARCO-GRIMES

Date Received: 3/31/01

Sampler: CINDY CRAIN

Time Received: 9:00

State Certification:

Sample Type: Soil

Site I.D.:

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS										
>C6 - C10 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 4/01	17:58	J.Saiyasak	TX1005	4568
>C10 - C28 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 4/01	17:58	J.Saiyasak	TX1005	4568
>C28 - C35 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 4/01	17:58	J.Saiyasak	TX1005	4568
C6 - C35 Hydrocarbons	ND	mg/kg	75.0	75.0	1	4/ 4/01	17:58	J.Saiyasak	TX1005	4568
Benzene	ND	mg/kg	0.010	0.010	1	4/ 4/01	17:22	McCutcheon	8021B	3277
Ethylbenzene	ND	mg/kg	0.010	0.010	1	4/ 4/01	17:22	McCutcheon	8021B	3277
Toluene	ND	mg/kg	0.010	0.010	1	4/ 4/01	17:22	McCutcheon	8021B	3277
Xylenes, total	ND	mg/kg	0.010	0.010	1	4/ 4/01	17:22	McCutcheon	8021B	3277
METALS										
Aluminum	9250	mg/kg	9.88	9.88	1	4/ 5/01	9:17	G.McCord	6010B	3095
Arsenic	3.16	mg/kg	0.988	0.988	1	4/ 5/01	9:17	G.McCord	6010B	3095
Barium	239.	mg/kg	0.988	0.988	1	4/ 5/01	9:17	G.McCord	6010B	3095
Cadmium	ND	mg/kg	0.988	0.988	1	4/ 5/01	9:17	G.McCord	6010B	3095
Chromium	8.10	mg/kg	0.988	0.988	1	4/ 5/01	9:17	G.McCord	6010B	3095
Iron	6320	mg/kg	9.88	9.88	1	4/ 5/01	9:17	G.McCord	6010B	3095
Lead	3.56	mg/kg	0.988	0.988	1	4/ 5/01	9:17	G.McCord	6010B	3095
Manganese	112.	mg/kg	0.988	0.988	1	4/ 5/01	9:17	G.McCord	6010B	3095
Mercury	ND	mg/kg	0.101	0.100	1	4/ 2/01	12:43	C. Terry	7471	2802
Molybdenum	ND	mg/kg	0.988	0.988	1	4/ 5/01	9:17	G.McCord	6010B	3095
Nickel	7.51	mg/kg	0.988	0.988	1	4/ 5/01	9:17	G.McCord	6010B	3095
Selenium	ND	mg/kg	0.988	0.988	1	4/ 5/01	9:17	G.McCord	6010B	3095
Zinc	40.7	mg/kg	9.88	9.88	1	4/ 5/01	9:17	G.McCord	6010B	3095
Boron	10.9	mg/kg	9.88	9.88	1	4/ 5/01	9:17	G.McCord	6010B	3095
GENERAL CHEMISTRY PARAMETERS										
Chloride, s	12.5	mg/kg	10.0	1.0	1	4/ 5/01	11:53	G. Baun	9056	3797

ND = Not detected at the report limit.

TEST AMERICA INC.
2960 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

** Original report and a copy of the chain of custody will follow by mail.

IT CORP 9906

2101 S. LOOP 250 WEST Lab Number: 01-A43580
MIDLAND, TX 79703

Sample ID: S-1 8-9' Date Collected: 3/28/01

Project: 806694 Time Collected: 11:00

Project Name: ARCO-GRIMES Date Received: 3/31/01

Sampler: CINDY CRAIN Time Received: 9:00

State Certification: Sample Type: Soil

Site I.D.:

Sample Extraction Data

Parameter	Extracted	Extract Vol	Date	Time	Analyst	Method
Texas TRPH	10.0 gm	10.0 ml	4/ 3/01		J. Rudden	TX1005/1006

Surrogate	% Recovery	Target Range
surr-a,a,a-Trifluorotoluene	110.	50. - 150.
TX1005 Surrogate	84.	71. - 134.

- Recovery outside Laboratory historical limits.

All results reported on a wet weight basis.

These results relate only to the items tested.
This report shall not be reproduced except in full and with
permission of the laboratory.

Report Approved By: _____

Report Date: 4/ 9/01

Paul E. Lane, Jr., Lab Director
Michael H. Dunn, M.S., Technical Director
Johnny A. Mitchell, Dir. Technical Serv.
Eric S. Smith, Assistant Technical Director

Gail A. Lage, Technical Serv.
Glenn L. Norton, Technical Serv.
Kelly S. Comstock, Technical Serv.
Pamela A. Langford, Technical Serv.

TEST AMERICA INC.
2960 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

** Original report and a copy of the chain of custody will follow by mail.

IT CORP 9906

2101 S. LOOP 250 WEST
MIDLAND, TX 79703

Lab Number: 01-A43581

Sample ID: S-2 8-9'

Date Collected: 3/28/01

Project: 806694

Time Collected: 11:05

Project Name: ARCO-GRIMES

Date Received: 3/31/01

Sampler: CINDY CRAIN

Time Received: 9:00

State Certification:

Sample Type: Soil

Site I.D.:

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS										
>C6 - C10 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 4/01	18:36	J.Saiyasak	TX1005	4568
>C10 - C28 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 4/01	18:36	J.Saiyasak	TX1005	4568
>C28 - C35 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 4/01	18:36	J.Saiyasak	TX1005	4568
C6 - C35 Hydrocarbons	ND	mg/kg	75.0	75.0	1	4/ 4/01	18:36	J.Saiyasak	TX1005	4568
Benzene	ND	mg/kg	0.010	0.010	1	4/ 4/01	17:56	McCutcheon	8021B	3277
Ethylbenzene	ND	mg/kg	0.010	0.010	1	4/ 4/01	17:56	McCutcheon	8021B	3277
Toluene	ND	mg/kg	0.010	0.010	1	4/ 4/01	17:56	McCutcheon	8021B	3277
Xylenes, total	ND	mg/kg	0.010	0.010	1	4/ 4/01	17:56	McCutcheon	8021B	3277
METALS										
Aluminum	8860	mg/kg	9.78	9.78	1	4/ 5/01	9:17	G.McCord	6010B	3095
Arsenic	3.13	mg/kg	0.978	0.978	1	4/ 5/01	9:17	G.McCord	6010B	3095
Barium	92.0	mg/kg	0.978	0.978	1	4/ 5/01	9:17	G.McCord	6010B	3095
Cadmium	ND	mg/kg	0.978	0.978	1	4/ 5/01	9:17	G.McCord	6010B	3095
Chromium	8.22	mg/kg	0.978	0.978	1	4/ 5/01	9:17	G.McCord	6010B	3095
Iron	6540	mg/kg	9.78	9.78	1	4/ 5/01	9:17	G.McCord	6010B	3095
Lead	4.30	mg/kg	0.978	0.978	1	4/ 5/01	9:17	G.McCord	6010B	3095
Manganese	127.	mg/kg	0.978	0.978	1	4/ 5/01	9:17	G.McCord	6010B	3095
Mercury	ND	mg/kg	0.099	0.099	1	4/ 2/01	12:43	C. Terry	7471	2802
Molybdenum	ND	mg/kg	0.978	0.978	1	4/ 5/01	9:17	G.McCord	6010B	3095
Nickel	7.63	mg/kg	0.978	0.978	1	4/ 5/01	9:17	G.McCord	6010B	3095
Selenium	ND	mg/kg	0.978	0.978	1	4/ 5/01	9:17	G.McCord	6010B	3095
Zinc	50.7	mg/kg	9.78	9.78	1	4/ 5/01	9:17	G.McCord	6010B	3095
Boron	9.78	mg/kg	9.78	9.78	1	4/ 5/01	9:17	G.McCord	6010B	3095
GENERAL CHEMISTRY PARAMETERS										
Chloride, s	18.2	mg/kg	10.0	1.0	1	4/ 5/01	11:53	G. Baun	9056	3797

ND - Not detected at the report limit.

TEST AMERICA INC.
2960 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

** Original report and a copy of the chain of custody will follow by mail.

IT CORP 9906

2101 S. LOOP 250 WEST Lab Number: 01-A43581
MIDLAND, TX 79703

Sample ID: S-2 8-9' Date Collected: 3/28/01

Project: 806694 Time Collected: 11:05

Project Name: ARCO-GRIMES Date Received: 3/31/01

Sampler: CINDY CRAIN Time Received: 9:00

State Certification: Sample Type: Soil

Site I.D.:

Sample Extraction Data

Parameter	Extracted	Extract Vol	Date	Time	Analyst	Method
Texas TRPH	10.2 gm	10.0 ml	4/ 3/01		J. Rudden	TX1005/1006

Surrogate	% Recovery	Target Range
sur-a,a,a-Trifluorotoluene	110.	50. - 150.
TX1005 Surrogate	108.	71. - 134.

- Recovery outside Laboratory historical limits.

All results reported on a wet weight basis.

These results relate only to the items tested.
This report shall not be reproduced except in full and with
permission of the laboratory.

Report Approved By: _____

Report Date: 4/ 9/01

Paul E. Lane, Jr., Lab Director
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Johnny A. Mitchell, Dir. Technical Serv.
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Gail A. Lage, Technical Serv.
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TEST AMERICA INC.
2960 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

** Original report and a copy of the chain of custody will follow by mail.

IT CORP 9906

2101 S. LOOP 250 WEST
MIDLAND, TX 79703

Lab Number: 01-A43582

Sample ID: S-3 8-9'

Date Collected: 3/28/01

Project: 806694

Time Collected: 11:35

Project Name: ARCO-GRIMES

Date Received: 3/31/01

Sampler: CINDY CRAIN

Time Received: 9:00

State Certification:

Sample Type: Soil

Site I.D.:

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS										
>C6 - C10 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 4/01	19:13	J.Saiyasak	TX1005	4568
>C10 - C28 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 4/01	19:13	J.Saiyasak	TX1005	4568
>C28 - C35 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 4/01	19:13	J.Saiyasak	TX1005	4568
C6 - C35 Hydrocarbons	ND	mg/kg	75.0	75.0	1	4/ 4/01	19:13	J.Saiyasak	TX1005	4568
Benzene	ND	mg/kg	0.010	0.010	1	4/ 4/01	18:31	McCutcheon	8021B	3277
Ethylbenzene	ND	mg/kg	0.010	0.010	1	4/ 4/01	18:31	McCutcheon	8021B	3277
Toluene	ND	mg/kg	0.010	0.010	1	4/ 4/01	18:31	McCutcheon	8021B	3277
Xylenes, total	ND	mg/kg	0.010	0.010	1	4/ 4/01	18:31	McCutcheon	8021B	3277
METALS										
Aluminum	7260	mg/kg	9.73	9.73	1	4/ 5/01	9:17	G.McCord	6010B	3095
Arsenic	2.34	mg/kg	0.973	0.973	1	4/ 5/01	9:17	G.McCord	6010B	3095
Barium	138.	mg/kg	0.973	0.973	1	4/ 5/01	9:17	G.McCord	6010B	3095
Cadmium	ND	mg/kg	0.973	0.973	1	4/ 5/01	9:17	G.McCord	6010B	3095
Chromium	6.62	mg/kg	0.973	0.973	1	4/ 5/01	9:17	G.McCord	6010B	3095
Iron	4340	mg/kg	9.73	9.73	1	4/ 5/01	9:17	G.McCord	6010B	3095
Lead	2.14	mg/kg	0.973	0.973	1	4/ 5/01	9:17	G.McCord	6010B	3095
Manganese	39.1	mg/kg	0.973	0.973	1	4/ 5/01	9:17	G.McCord	6010B	3095
Mercury	ND	mg/kg	0.100	0.100	1	4/ 2/01	12:43	C. Terry	7471	2802
Molybdenum	ND	mg/kg	0.973	0.973	1	4/ 5/01	9:17	G.McCord	6010B	3095
Nickel	4.67	mg/kg	0.973	0.973	1	4/ 5/01	9:17	G.McCord	6010B	3095
Selenium	ND	mg/kg	0.973	0.973	1	4/ 5/01	9:17	G.McCord	6010B	3095
Zinc	10.7	mg/kg	9.73	9.73	1	4/ 5/01	9:17	G.McCord	6010B	3095
Boron	10.3	mg/kg	9.73	9.73	1	4/ 5/01	9:17	G.McCord	6010B	3095
GENERAL CHEMISTRY PARAMETERS										
Chloride, s	ND	mg/kg	10.0	1.0	1	4/ 5/01	11:53	G. Baun	9056	3797

ND - Not detected at the report limit.

TEST AMERICA INC.
2960 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

** Original report and a copy of the chain of custody will follow by mail.

IT CORP 9906

2101 S. LOOP 250 WEST Lab Number: 01-A43582
MIDLAND, TX 79703

Sample ID: S-3 8-9' Date Collected: 3/28/01

Project: 806694 Time Collected: 11:35

Project Name: ARCO-GRIMES Date Received: 3/31/01

Sampler: CINDY CRAIN Time Received: 9:00

State Certification: Sample Type: Soil

Site I.D.:

Sample Extraction Data

Parameter	Extracted	Extract Vol	Date	Time	Analyst	Method
Texas TRPH	10.0 gm	10.0 ml	4/ 3/01		J. Rudden	TX1005/1006

Surrogate	% Recovery	Target Range
surr-a,a,a-Trifluorotoluene	107.	50. - 150.
TX1005 Surrogate	96.	71. - 134.

- Recovery outside Laboratory historical limits.

All results reported on a wet weight basis.

These results relate only to the items tested.
This report shall not be reproduced except in full and with
permission of the laboratory.

Report Approved By: _____

Report Date: 4/ 9/01

Paul E. Lane, Jr., Lab Director
Michael H. Dunn, M.S., Technical Director
Johnny A. Mitchell, Dir. Technical Serv.
Eric S. Smith, Assistant Technical Director

Gail A. Lage, Technical Serv.
Glenn L. Norton, Technical Serv.
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TEST AMERICA INC.
2960 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

** Original report and a copy of the chain of custody will follow by mail.

IT CORP 9906

2101 S. LOOP 250 WEST
MIDLAND, TX 79703

Lab Number: 01-A43583

Sample ID: S-4 8-9'

Date Collected: 3/28/01

Project: 806694

Time Collected: 11:40

Project Name: ARCO-GRIMES

Date Received: 3/31/01

Sampler: CINDY CRAIN

Time Received: 9:00

State Certification:

Sample Type: Soil

Site I.D.:

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS										
>C6 - C10 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 4/01	19:50	J.Saiyasak	TX1005	4568
>C10 - C28 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 4/01	19:50	J.Saiyasak	TX1005	4568
>C28 - C35 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 4/01	19:50	J.Saiyasak	TX1005	4568
C6 - C35 Hydrocarbons	ND	mg/kg	75.0	75.0	1	4/ 4/01	19:50	J.Saiyasak	TX1005	4568
Benzene	ND	mg/kg	0.010	0.010	1	4/ 4/01	19:05	McCutcheon	8021B	3277
Ethylbenzene	ND	mg/kg	0.010	0.010	1	4/ 4/01	19:05	McCutcheon	8021B	3277
Toluene	ND	mg/kg	0.010	0.010	1	4/ 4/01	19:05	McCutcheon	8021B	3277
Xylenes, total	ND	mg/kg	0.010	0.010	1	4/ 4/01	19:05	McCutcheon	8021B	3277
METALS										
Aluminum	5860	mg/kg	10.0	10.0	1	4/ 5/01	9:17	G.McCord	6010B	3095
Arsenic	2.20	mg/kg	1.00	1.00	1	4/ 5/01	9:17	G.McCord	6010B	3095
Barium	96.4	mg/kg	1.00	1.00	1	4/ 5/01	9:17	G.McCord	6010B	3095
Cadmium	ND	mg/kg	1.00	1.00	1	4/ 5/01	9:17	G.McCord	6010B	3095
Chromium	5.40	mg/kg	1.00	1.00	1	4/ 5/01	9:17	G.McCord	6010B	3095
Iron	3780	mg/kg	10.0	10.0	1	4/ 5/01	9:17	G.McCord	6010B	3095
Lead	2.20	mg/kg	1.00	1.00	1	4/ 5/01	9:17	G.McCord	6010B	3095
Manganese	46.6	mg/kg	1.00	1.00	1	4/ 5/01	9:17	G.McCord	6010B	3095
Mercury	ND	mg/kg	0.100	0.100	1	4/ 2/01	12:43	C. Terry	7471	2802
Molybdenum	ND	mg/kg	1.00	1.00	1	4/ 5/01	9:17	G.McCord	6010B	3095
Nickel	4.60	mg/kg	1.00	1.00	1	4/ 5/01	9:17	G.McCord	6010B	3095
Selenium	ND	mg/kg	1.00	1.00	1	4/ 5/01	9:17	G.McCord	6010B	3095
Zinc	10.6	mg/kg	10.0	10.0	1	4/ 5/01	9:17	G.McCord	6010B	3095
Boron	ND	mg/kg	10.0	10.0	1	4/ 5/01	9:17	G.McCord	6010B	3095
GENERAL CHEMISTRY PARAMETERS										
Chloride, s	ND	mg/kg	10.0	1.0	1	4/ 5/01	11:53	G. Baun	9056	3797

ND - Not detected at the report limit.

TEST AMERICA INC.
2960 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

** Original report and a copy of the chain of custody will follow by mail.

IT CORP 9906

2101 S. LOOP 250 WEST Lab Number: 01-A43583
MIDLAND, TX 79703

Sample ID: S-4 8-9' Date Collected: 3/28/01

Project: 806694 Time Collected: 11:40

Project Name: ARCO-GRIMES Date Received: 3/31/01

Sampler: CINDY CRAIN Time Received: 9:00

State Certification: Sample Type: Soil

Site I.D.:

Sample Extraction Data

Parameter	Extracted	Extract Vol	Date	Time	Analyst	Method
Texas TRPH	10.0 gm	10.0 ml	4/ 3/01		J. Rudden	TX1005/1006

Surrogate	% Recovery	Target Range
surr-a,a,a-Trifluorotoluene	110.	50. - 150.
TX1005 Surrogate	112.	71. - 134.

- Recovery outside Laboratory historical limits.

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TEST AMERICA INC.
2960 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

** Original report and a copy of the chain of custody will follow by mail.

IT CORP 9906

2101 S. LOOP 250 WEST
MIDLAND, TX 79703

Lab Number: 01-A43584

Sample ID: S-5 3-4'

Date Collected: 3/28/01

Project: 806694

Time Collected: 12:00

Project Name: ARCO-GRIMES

Date Received: 3/31/01

Sampler: CINDY CRAIN

Time Received: 9:00

State Certification:

Sample Type: Soil

Site I.D.:

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS										
>C6 - C10 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 4/01	20:26	J.Saiyasak	TX1005	4568
>C10 - C28 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 4/01	20:26	J.Saiyasak	TX1005	4568
>C28 - C35 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 4/01	20:26	J.Saiyasak	TX1005	4568
C6 - C35 Hydrocarbons	ND	mg/kg	75.0	75.0	1	4/ 4/01	20:26	J.Saiyasak	TX1005	4568
Benzene	ND	mg/kg	0.010	0.010	1	4/ 4/01	19:39	McCutcheon	8021B	3277
Ethylbenzene	ND	mg/kg	0.010	0.010	1	4/ 4/01	19:39	McCutcheon	8021B	3277
Toluene	ND	mg/kg	0.010	0.010	1	4/ 4/01	19:39	McCutcheon	8021B	3277
Xylenes, total	ND	mg/kg	0.010	0.010	1	4/ 4/01	19:39	McCutcheon	8021B	3277
METALS										
Aluminum	5580	mg/kg	9.86	9.86	1	4/ 5/01	9:17	G.McCord	6010B	3095
Arsenic	2.96	mg/kg	0.986	0.986	1	4/ 5/01	9:17	G.McCord	6010B	3095
Barium	442.	mg/kg	0.986	0.986	1	4/ 5/01	9:17	G.McCord	6010B	3095
Cadmium	ND	mg/kg	0.986	0.986	1	4/ 5/01	9:17	G.McCord	6010B	3095
Chromium	4.34	mg/kg	0.986	0.986	1	4/ 5/01	9:17	G.McCord	6010B	3095
Iron	3630	mg/kg	9.86	9.86	1	4/ 5/01	9:17	G.McCord	6010B	3095
Lead	2.37	mg/kg	0.986	0.986	1	4/ 5/01	9:17	G.McCord	6010B	3095
Manganese	31.8	mg/kg	0.986	0.986	1	4/ 5/01	9:17	G.McCord	6010B	3095
Mercury	ND	mg/kg	0.101	0.100	1	4/ 2/01	12:43	C. Terry	7471	2802
Molybdenum	ND	mg/kg	0.986	0.986	1	4/ 5/01	9:17	G.McCord	6010B	3095
Nickel	6.90	mg/kg	0.986	0.986	1	4/ 5/01	9:17	G.McCord	6010B	3095
Selenium	ND	mg/kg	0.986	0.986	1	4/ 5/01	9:17	G.McCord	6010B	3095
Zinc	10.8	mg/kg	9.86	9.86	1	4/ 5/01	9:17	G.McCord	6010B	3095
Boron	ND	mg/kg	9.86	9.86	1	4/ 5/01	9:17	G.McCord	6010B	3095
GENERAL CHEMISTRY PARAMETERS										
Chloride, s	186.	mg/kg	30.0	1.0	3	4/ 5/01	11:53	G. Baun	9056	3797

ND = Not detected at the report limit.

TEST AMERICA INC.
2960 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

** Original report and a copy of the chain of custody will follow by mail.

IT CORP 9906

2101 S. LOOP 250 WEST Lab Number: 01-A43584
MIDLAND, TX 79703

Sample ID: S-5 3-4 Date Collected: 3/28/01

Project: 806694 Time Collected: 12:00

Project Name: ARCO-GRIMES Date Received: 3/31/01

Sampler: CINDY CRAIN Time Received: 9:00

State Certification: Sample Type: Soil

Site I.D.:

Sample Extraction Data

Parameter	Extracted	Extract Vol	Date	Time	Analyst	Method
Texas TRPH	10.1 gm	10.0 ml	4/ 3/01		J. Rudden	TX1005/1006

Surrogate	% Recovery	Target Range
surr-a,a,a-Trifluorotoluene	107.	50. - 150.
TX1005 Surrogate	92.	71. - 134.

- Recovery outside Laboratory historical limits.

All results reported on a wet weight basis.

These results relate only to the items tested.
This report shall not be reproduced except in full and with
permission of the laboratory.

Report Approved By: _____

Report Date: 4/ 9/01

Paul E. Lane, Jr., Lab Director
Michael H. Dunn, M.S., Technical Director
Johnny A. Mitchell, Dir. Technical Serv.
Eric S. Smith, Assistant Technical Director

Gail A. Lage, Technical Serv.
Glenn L. Norton, Technical Serv.
Kelly S. Comstock, Technical Serv.
Pamela A. Langford, Technical Serv.

TEST AMERICA INC.
2960 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

** Original report and a copy of the chain of custody will follow by mail.

IT CORP 9906

2101 S. LOOP 250 WEST
MIDLAND, TX 79703

Lab Number: 01-A43585

Sample ID: S-6 6-7'

Date Collected: 3/28/01

Project: 806694

Time Collected: 12:10

Project Name: ARCO-GRIMES

Date Received: 3/31/01

Sampler: CINDY CRAIN

Time Received: 9:00

State Certification:

Sample Type: Soil

Site I.D.:

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS										
>C6 - C10 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 4/01	21:02	J.Saiyasak	TX1005	4568
>C10 - C28 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 4/01	21:02	J.Saiyasak	TX1005	4568
>C28 - C35 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 4/01	21:02	J.Saiyasak	TX1005	4568
C6 - C35 Hydrocarbons	ND	mg/kg	75.0	75.0	1	4/ 4/01	21:02	J.Saiyasak	TX1005	4568
Benzene	ND	mg/kg	0.010	0.010	1	4/ 4/01	21:22	McCutcheon	8021B	3277
Ethylbenzene	ND	mg/kg	0.010	0.010	1	4/ 4/01	21:22	McCutcheon	8021B	3277
Toluene	ND	mg/kg	0.010	0.010	1	4/ 4/01	21:22	McCutcheon	8021B	3277
Xylenes, total	ND	mg/kg	0.010	0.010	1	4/ 4/01	21:22	McCutcheon	8021B	3277
METALS										
Aluminum	5700	mg/kg	9.86	9.86	1	4/ 5/01	9:17	G.McCord	6010B	3095
Arsenic	4.54	mg/kg	0.986	0.986	1	4/ 5/01	9:17	G.McCord	6010B	3095
Barium	219.	mg/kg	0.986	0.986	1	4/ 5/01	9:17	G.McCord	6010B	3095
Cadmium	ND	mg/kg	0.986	0.986	1	4/ 5/01	9:17	G.McCord	6010B	3095
Chromium	4.93	mg/kg	0.986	0.986	1	4/ 5/01	9:17	G.McCord	6010B	3095
Iron	3870	mg/kg	9.86	9.86	1	4/ 5/01	9:17	G.McCord	6010B	3095
Lead	2.17	mg/kg	0.986	0.986	1	4/ 5/01	9:17	G.McCord	6010B	3095
Manganese	39.1	mg/kg	0.986	0.986	1	4/ 5/01	9:17	G.McCord	6010B	3095
Mercury	ND	mg/kg	0.100	0.100	1	4/ 2/01	12:43	C. Terry	7471	2802
Molybdenum	ND	mg/kg	0.986	0.986	1	4/ 5/01	9:17	G.McCord	6010B	3095
Nickel	5.72	mg/kg	0.986	0.986	1	4/ 5/01	9:17	G.McCord	6010B	3095
Selenium	ND	mg/kg	0.986	0.986	1	4/ 5/01	9:17	G.McCord	6010B	3095
Zinc	11.4	mg/kg	9.86	9.86	1	4/ 5/01	9:17	G.McCord	6010B	3095
Boron	ND	mg/kg	9.86	9.86	1	4/ 5/01	9:17	G.McCord	6010B	3095
GENERAL CHEMISTRY PARAMETERS										
Chloride, s	195.	mg/kg	30.0	1.0	3	4/ 5/01	11:53	G. Baun	9056	3797

ND - Not detected at the report limit.

TEST AMERICA INC.
2960 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

** Original report and a copy of the chain of custody will follow by mail.

IT CORP 9906

2101 S. LOOP 250 WEST Lab Number: 01-A43585
MIDLAND, TX 79703

Sample ID: S-6 6-7' Date Collected: 3/28/01

Project: 806694 Time Collected: 12:10

Project Name: ARCO-GRIMES Date Received: 3/31/01

Sampler: CINDY CRAIN Time Received: 9:00

State Certification: Sample Type: Soil

Site I.D.:

Sample Extraction Data

Parameter	Extracted	Extract Vol	Date	Time	Analyst	Method
Texas TRPH	10.0 gm	10.0 ml	4/ 3/01		J. Rudden	TX1005/1006

Surrogate	% Recovery	Target Range
surr-a,a,a-Trifluorotoluene	107.	50. - 150.
TX1005 Surrogate	120.	71. - 134.

- Recovery outside Laboratory historical limits.

All results reported on a wet weight basis.

These results relate only to the items tested.
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permission of the laboratory.

Report Approved By: _____

Report Date: 4/ 9/01

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TEST AMERICA INC.
2960 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

** Original report and a copy of the chain of custody will follow by mail.

IT CORP 9906

2101 S. LOOP 250 WEST
MIDLAND, TX 79703

Lab Number: 01-A43586

Sample ID: S-7 0-1'

Date Collected: 3/28/01

Project: 806694

Time Collected: 12:20

Project Name: ARCO-GRIMES

Date Received: 3/31/01

Sampler: CINDY CRAIN

Time Received: 9:00

State Certification:

Sample Type: Soil

Site I.D.:

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS										
>C6 - Cl0 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 5/01	11:17	J.Saiyasak	TX1005	4568
>Cl0 - C28 Hydrocarbons	45.1	mg/kg	25.0	25.0	1	4/ 5/01	11:17	J.Saiyasak	TX1005	4568
>C28 - C35 Hydrocarbons	61.8	mg/kg	25.0	25.0	1	4/ 5/01	11:17	J.Saiyasak	TX1005	4568
C6 - C35 Hydrocarbons	107.	mg/kg	75.0	75.0	1	4/ 5/01	11:17	J.Saiyasak	TX1005	4568
Benzene	ND	mg/kg	0.010	0.010	1	4/ 4/01	21:56	McCutcheon	8021B	3277
Ethylbenzene	ND	mg/kg	0.010	0.010	1	4/ 4/01	21:56	McCutcheon	8021B	3277
Toluene	ND	mg/kg	0.010	0.010	1	4/ 4/01	21:56	McCutcheon	8021B	3277
Xylenes, total	ND	mg/kg	0.010	0.010	1	4/ 4/01	21:56	McCutcheon	8021B	3277
METALS										
Aluminum	8010	mg/kg	9.77	9.77	1	4/ 5/01	9:17	G.McCord	6010B	3095
Arsenic	2.73	mg/kg	0.977	0.977	1	4/ 5/01	9:17	G.McCord	6010B	3095
Barium	185.	mg/kg	0.977	0.977	1	4/ 5/01	9:17	G.McCord	6010B	3095
Cadmium	ND	mg/kg	0.977	0.977	1	4/ 5/01	9:17	G.McCord	6010B	3095
Chromium	8.40	mg/kg	0.977	0.977	1	4/ 5/01	9:17	G.McCord	6010B	3095
Iron	7620	mg/kg	9.77	9.77	1	4/ 5/01	9:17	G.McCord	6010B	3095
Lead	11.5	mg/kg	0.977	0.977	1	4/ 5/01	9:17	G.McCord	6010B	3095
Manganese	158.	mg/kg	0.977	0.977	1	4/ 5/01	9:17	G.McCord	6010B	3095
Mercury	ND	mg/kg	0.100	0.100	1	4/ 2/01	12:43	C. Terry	7471	2802
Molybdenum	ND	mg/kg	0.977	0.977	1	4/ 5/01	9:17	G.McCord	6010B	3095
Nickel	8.20	mg/kg	0.977	0.977	1	4/ 5/01	9:17	G.McCord	6010B	3095
Selenium	ND	mg/kg	0.977	0.977	1	4/ 5/01	9:17	G.McCord	6010B	3095
Zinc	26.4	mg/kg	9.77	9.77	1	4/ 5/01	9:17	G.McCord	6010B	3095
Boron	ND	mg/kg	9.77	9.77	1	4/ 5/01	9:17	G.McCord	6010B	3095
GENERAL CHEMISTRY PARAMETERS										
Chloride, s	27.3	mg/kg	10.0	1.0	1	4/ 5/01	11:53	G. Baun	9056	3797

ND - Not detected at the report limit.

TEST AMERICA INC.
2960 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

** Original report and a copy of the chain of custody will follow by mail.

IT CORP 9906

2101 S. LOOP 250 WEST Lab Number: 01-A43586
MIDLAND, TX 79703

Sample ID: S-7 0-1' Date Collected: 3/28/01

Project: 806694 Time Collected: 12:20

Project Name: ARCO-GRIMES Date Received: 3/31/01

Sampler: CINDY CRAIN Time Received: 9:00

State Certification: Sample Type: Soil

Site I.D.:

Sample Extraction Data

Parameter	Extracted	Extract Vol	Date	Time	Analyst	Method
Texas TRPH	10.2 gm	10.0 ml	4/ 3/01		J. Rudden	TX1005/1006

Surrogate	% Recovery	Target Range
surr-a,a,a-Trifluorotoluene	103.	50. - 150.
TX1005 Surrogate	100.	71. - 134.

- Recovery outside Laboratory historical limits.

All results reported on a wet weight basis.

These results relate only to the items tested.
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permission of the laboratory.

Report Approved By: _____

Report Date: 4/ 9/01

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TEST AMERICA INC.
2960 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

** Original report and a copy of the chain of custody will follow by mail.

IT CORP 9906

2101 S. LOOP 250 WEST
MIDLAND, TX 79703

Lab Number: 01-A43587

Sample ID: S-8 0-1'

Date Collected: 3/28/01

Project: 806694

Time Collected: 12:35

Project Name: ARCO-GRIMES

Date Received: 3/31/01

Sampler: CINDY CRAIN

Time Received: 9:00

State Certification:

Sample Type: Soil

Site I.D.:

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS										
>C6 - Cl0 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 5/01	11:55	J.Saiyasak	TX1005	4568
>C10 - C28 Hydrocarbons	30.0	mg/kg	25.0	25.0	1	4/ 5/01	11:55	J.Saiyasak	TX1005	4568
>C28 - C35 Hydrocarbons	122.	mg/kg	25.0	25.0	1	4/ 5/01	11:55	J.Saiyasak	TX1005	4568
C6 - C35 Hydrocarbons	152.	mg/kg	75.0	75.0	1	4/ 5/01	11:55	J.Saiyasak	TX1005	4568
Benzene	ND	mg/kg	0.010	0.010	1	4/ 4/01	22:30	McCutcheon	8021B	3277
Ethylbenzene	ND	mg/kg	0.010	0.010	1	4/ 4/01	22:30	McCutcheon	8021B	3277
Toluene	ND	mg/kg	0.010	0.010	1	4/ 4/01	22:30	McCutcheon	8021B	3277
Xylenes, total	ND	mg/kg	0.010	0.010	1	4/ 4/01	22:30	McCutcheon	8021B	3277
METALS										
Aluminum	10400	mg/kg	10.0	10.0	1	4/ 5/01	9:17	G.McCord	6010B	3095
Arsenic	3.00	mg/kg	1.00	1.00	1	4/ 5/01	9:17	G.McCord	6010B	3095
Barium	197.	mg/kg	1.00	1.00	1	4/ 5/01	9:17	G.McCord	6010B	3095
Cadmium	ND	mg/kg	1.00	1.00	1	4/ 5/01	9:17	G.McCord	6010B	3095
Chromium	11.4	mg/kg	1.00	1.00	1	4/ 5/01	9:17	G.McCord	6010B	3095
Iron	11200	mg/kg	10.0	10.0	1	4/ 5/01	9:17	G.McCord	6010B	3095
Lead	22.0	mg/kg	1.00	1.00	1	4/ 5/01	9:17	G.McCord	6010B	3095
Manganese	244.	mg/kg	1.00	1.00	1	4/ 5/01	9:17	G.McCord	6010B	3095
Mercury	ND	mg/kg	0.100	0.100	1	4/ 2/01	12:43	C. Terry	7471	2802
Molybdenum	ND	mg/kg	1.00	1.00	1	4/ 5/01	9:17	G.McCord	6010B	3095
Nickel	12.6	mg/kg	1.00	1.00	1	4/ 5/01	9:17	G.McCord	6010B	3095
Selenium	ND	mg/kg	1.00	1.00	1	4/ 5/01	9:17	G.McCord	6010B	3095
Zinc	36.2	mg/kg	10.0	10.0	1	4/ 5/01	9:17	G.McCord	6010B	3095
Boron	ND	mg/kg	10.0	10.0	1	4/ 5/01	9:17	G.McCord	6010B	3095
GENERAL CHEMISTRY PARAMETERS										
Chloride, s	ND	mg/kg	10.0	1.0	1	4/ 5/01	11:53	G. Baum	9056	3797

ND - Not detected at the report limit.

TEST AMERICA INC.
2960 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

** Original report and a copy of the chain of custody will follow by mail.

IT CORP 9906

2101 S. LOOP 250 WEST Lab Number: 01-A43587
MIDLAND, TX 79703

Sample ID: S-8 0-1' Date Collected: 3/28/01

Project: 806694 Time Collected: 12:35

Project Name: ARCO-GRIMES Date Received: 3/31/01

Sampler: CINDY CRAIN Time Received: 9:00

State Certification: Sample Type: Soil

Site I.D.:

Sample Extraction Data

Parameter	Extracted	Extract Vol	Date	Time	Analyst	Method
Texas TRPH	10.0 gm	10.0 ml	4/ 3/01		J. Rudden	TX1005/1006

Surrogate	% Recovery	Target Range
surr-a,a,a-Trifluorotoluene	107.	50. - 150.
TX1005 Surrogate	80.	71. - 134.

- Recovery outside Laboratory historical limits.

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Report Date: 4/ 9/01

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TEST AMERICA INC.
2960 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

** Original report and a copy of the chain of custody will follow by mail.

IT CORP 9906

2101 S. LOOP 250 WEST
MIDLAND, TX 79703

Lab Number: 01-A43588

Sample ID: S-9 3-4'

Date Collected: 3/28/01

Project: 806694

Time Collected: 12:40

Project Name: ARCO-GRIMES

Date Received: 3/31/01

Sampler: CINDY CRAIN

Time Received: 9:00

State Certification:

Sample Type: Soil

Site I.D.:

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS										
>C6 - C10 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 5/01	0:36	J.Saiyasak	TX1005	4568
>C10 - C28 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 5/01	0:36	J.Saiyasak	TX1005	4568
>C28 - C35 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 5/01	0:36	J.Saiyasak	TX1005	4568
C6 - C35 Hydrocarbons	ND	mg/kg	75.0	75.0	1	4/ 5/01	0:36	J.Saiyasak	TX1005	4568
Benzene	ND	mg/kg	0.010	0.010	1	4/ 4/01	23:05	McCutcheon	8021B	3277
Ethylbenzene	ND	mg/kg	0.010	0.010	1	4/ 4/01	23:05	McCutcheon	8021B	3277
Toluene	ND	mg/kg	0.010	0.010	1	4/ 4/01	23:05	McCutcheon	8021B	3277
Xylenes, total	ND	mg/kg	0.010	0.010	1	4/ 4/01	23:05	McCutcheon	8021B	3277
METALS										
Aluminum	3550	mg/kg	9.71	9.71	1	4/ 5/01	9:17	G.McCord	6010B	3095
Arsenic	6.41	mg/kg	0.971	0.971	1	4/ 5/01	9:17	G.McCord	6010B	3095
Barium	666.	mg/kg	0.971	0.971	1	4/ 5/01	9:17	G.McCord	6010B	3095
Cadmium	ND	mg/kg	0.971	0.971	1	4/ 5/01	9:17	G.McCord	6010B	3095
Chromium	3.69	mg/kg	0.971	0.971	1	4/ 5/01	9:17	G.McCord	6010B	3095
Iron	2190	mg/kg	9.71	9.71	1	4/ 5/01	9:17	G.McCord	6010B	3095
Lead	ND	mg/kg	0.971	0.971	1	4/ 5/01	9:17	G.McCord	6010B	3095
Manganese	22.5	mg/kg	0.971	0.971	1	4/ 5/01	9:17	G.McCord	6010B	3095
Mercury	ND	mg/kg	0.101	0.100	1	4/ 2/01	12:43	C. Terry	7471	2802
Molybdenum	ND	mg/kg	0.971	0.971	1	4/ 5/01	9:17	G.McCord	6010B	3095
Nickel	7.38	mg/kg	0.971	0.971	1	4/ 5/01	9:17	G.McCord	6010B	3095
Selenium	ND	mg/kg	0.971	0.971	1	4/ 5/01	9:17	G.McCord	6010B	3095
Zinc	ND	mg/kg	9.71	9.71	1	4/ 5/01	9:17	G.McCord	6010B	3095
Boron	ND	mg/kg	9.71	9.71	1	4/ 5/01	9:17	G.McCord	6010B	3095
GENERAL CHEMISTRY PARAMETERS										
Chloride, s	53.3	mg/kg	10.0	1.0	1	4/ 5/01	11:53	G. Baun	9056	3797

ND - Not detected at the report limit.

TEST AMERICA INC.
2960 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

** Original report and a copy of the chain of custody will follow by mail.

IT CORP 9906

2101 S. LOOP 250 WEST Lab Number: 01-A43588
MIDLAND, TX 79703

Sample ID: S-9 3-4* Date Collected: 3/28/01

Project: 806694 Time Collected: 12:40

Project Name: ARCO-GRIMES Date Received: 3/31/01

Sampler: CINDY CRAIN Time Received: 9:00

State Certification: Sample Type: Soil

Site I.D.:

Sample Extraction Data

Parameter	Extracted	Extract Vol	Date	Time	Analyst	Method
Texas TRPH	10.0 gm	10.0 ml	4/ 3/01		J. Rudden	TX1005/1006

Surrogate	% Recovery	Target Range
surr-a,a,a-Trifluorotoluene	110.	50. - 150.
TX1005 Surrogate	116.	71. - 134.

- Recovery outside Laboratory historical limits.

All results reported on a wet weight basis.

These results relate only to the items tested.
This report shall not be reproduced except in full and with
permission of the laboratory.

Report Approved By: _____

Report Date: 4/ 9/01

Paul E. Lane, Jr., Lab Director
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Eric S. Smith, Assistant Technical Director

Gail A. Lage, Technical Serv.
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TEST AMERICA INC.
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Nashville, Tennessee 37204

ANALYTICAL REPORT

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IT CORP 9906

2101 S. LOOP 250 WEST
MIDLAND, TX 79703

Lab Number: 01-A43589

Sample ID: S-10 6-7'

Date Collected: 3/28/01

Project: 806694

Time Collected: 12:45

Project Name: ARCO-GRIMES

Date Received: 3/31/01

Sampler: CINDY CRAIN

Time Received: 9:00

State Certification:

Sample Type: Soil

Site I.D.:

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS										
>C6 - ClO Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 5/01	1:11	J.Saiyasak	TX1005	4568
>C10 - C28 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 5/01	1:11	J.Saiyasak	TX1005	4568
>C28 - C35 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 5/01	1:11	J.Saiyasak	TX1005	4568
C6 - C35 Hydrocarbons	ND	mg/kg	75.0	75.0	1	4/ 5/01	1:11	J.Saiyasak	TX1005	4568
Benzene	ND	mg/kg	0.010	0.010	1	4/ 4/01	23:39	McCutcheon	8021B	3277
Ethylbenzene	ND	mg/kg	0.010	0.010	1	4/ 4/01	23:39	McCutcheon	8021B	3277
Toluene	ND	mg/kg	0.010	0.010	1	4/ 4/01	23:39	McCutcheon	8021B	3277
Xylenes, total	ND	mg/kg	0.010	0.010	1	4/ 4/01	23:39	McCutcheon	8021B	3277
METALS										
Aluminum	3690	mg/kg	9.62	9.62	1	4/ 5/01	9:17	G.McCord	6010B	3095
Arsenic	3.65	mg/kg	0.962	0.962	1	4/ 5/01	9:17	G.McCord	6010B	3095
Barium	235.	mg/kg	0.962	0.962	1	4/ 5/01	9:17	G.McCord	6010B	3095
Cadmium	ND	mg/kg	0.962	0.962	1	4/ 5/01	9:17	G.McCord	6010B	3095
Chromium	3.46	mg/kg	0.962	0.962	1	4/ 5/01	9:17	G.McCord	6010B	3095
Iron	2460	mg/kg	9.62	9.62	1	4/ 5/01	9:17	G.McCord	6010B	3095
Lead	1.54	mg/kg	0.962	0.962	1	4/ 5/01	9:17	G.McCord	6010B	3095
Manganese	29.4	mg/kg	0.962	0.962	1	4/ 5/01	9:17	G.McCord	6010B	3095
Mercury	ND	mg/kg	0.097	0.097	1	4/ 2/01	12:43	C. Terry	7471	2802
Molybdenum	ND	mg/kg	0.962	0.962	1	4/ 5/01	9:17	G.McCord	6010B	3095
Nickel	5.19	mg/kg	0.962	0.962	1	4/ 5/01	9:17	G.McCord	6010B	3095
Selenium	ND	mg/kg	0.962	0.962	1	4/ 5/01	9:17	G.McCord	6010B	3095
Zinc	ND	mg/kg	9.62	9.62	1	4/ 5/01	9:17	G.McCord	6010B	3095
Boron	ND	mg/kg	9.62	9.62	1	4/ 5/01	9:17	G.McCord	6010B	3095
GENERAL CHEMISTRY PARAMETERS										
Chloride, s	118.	mg/kg	10.0	1.0	1	4/ 5/01	11:53	G. Baun	9056	3797

ND - Not detected at the report limit.

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Nashville, Tennessee 37204

ANALYTICAL REPORT

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IT CORP 9906

2101 S. LOOP 250 WEST Lab Number: 01-A43589
MIDLAND, TX 79703

Sample ID: S-10 6-7' Date Collected: 3/28/01

Project: 806694 Time Collected: 12:45

Project Name: ARCO-GRIMES Date Received: 3/31/01

Sampler: CINDY CRAIN Time Received: 9:00

State Certification: Sample Type: Soil

Site I.D.:

Sample Extraction Data

Parameter	Extracted	Extract Vol	Date	Time	Analyst	Method
-----	-----	-----	-----	-----	-----	-----
Texas TRPH	10.0 gm	10.0 ml	4/ 3/01		J. Rudden	TX1005/1006

Surrogate	% Recovery	Target Range
-----	-----	-----
surr-a,a,a-Trifluorotoluene	107.	50. - 150.
TX1005 Surrogate	104.	71. - 134.

- Recovery outside Laboratory historical limits.

All results reported on a wet weight basis.

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Report Approved By: _____

Report Date: 4/ 9/01

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Nashville, Tennessee 37204

ANALYTICAL REPORT

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IT CORP 9906

2101 S. LOOP 250 WEST
MIDLAND, TX 79703

Lab Number: 01-A43590

Sample ID: S-11 0-1'

Date Collected: 3/28/01

Project: 806694

Time Collected: 13:00

Project Name: ARCO-GRIMES

Date Received: 3/31/01

Sampler: CINDY CRAIN

Time Received: 9:00

State Certification:

Sample Type: Soil

Site I.D.:

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS										
>C6 - C10 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 5/01	15:16	J.Saiyasak	TX1005	4568
>C10 - C28 Hydrocarbons	189.	mg/kg	25.0	25.0	1	4/ 5/01	15:16	J.Saiyasak	TX1005	4568
>C28 - C35 Hydrocarbons	331.	mg/kg	25.0	25.0	1	4/ 5/01	15:16	J.Saiyasak	TX1005	4568
C6 - C35 Hydrocarbons	520.	mg/kg	75.0	75.0	1	4/ 5/01	15:16	J.Saiyasak	TX1005	4568
Benzene	ND	mg/kg	0.010	0.010	1	4/ 5/01	0:13	McCutcheon	8021B	3277
Ethylbenzene	ND	mg/kg	0.010	0.010	1	4/ 5/01	0:13	McCutcheon	8021B	3277
Toluene	ND	mg/kg	0.010	0.010	1	4/ 5/01	0:13	McCutcheon	8021B	3277
Xylenes, total	ND	mg/kg	0.010	0.010	1	4/ 5/01	0:13	McCutcheon	8021B	3277
METALS										
Aluminum	9090	mg/kg	9.65	9.65	1	4/ 5/01	9:17	G.McCord	6010B	3095
Arsenic	2.70	mg/kg	0.965	0.965	1	4/ 5/01	9:17	G.McCord	6010B	3095
Barium	166.	mg/kg	0.965	0.965	1	4/ 5/01	9:17	G.McCord	6010B	3095
Cadmium	ND	mg/kg	0.965	0.965	1	4/ 5/01	9:17	G.McCord	6010B	3095
Chromium	10.2	mg/kg	0.965	0.965	1	4/ 5/01	9:17	G.McCord	6010B	3095
Iron	10800	mg/kg	9.65	9.65	1	4/ 5/01	9:17	G.McCord	6010B	3095
Lead	22.0	mg/kg	0.965	0.965	1	4/ 5/01	9:17	G.McCord	6010B	3095
Manganese	237.	mg/kg	0.965	0.965	1	4/ 5/01	9:17	G.McCord	6010B	3095
Mercury	ND	mg/kg	0.097	0.097	1	4/ 2/01	12:43	C. Terry	7471	2802
Molybdenum	ND	mg/kg	0.965	0.965	1	4/ 5/01	9:17	G.McCord	6010B	3095
Nickel	13.3	mg/kg	0.965	0.965	1	4/ 5/01	9:17	G.McCord	6010B	3095
Selenium	ND	mg/kg	0.965	0.965	1	4/ 5/01	9:17	G.McCord	6010B	3095
Zinc	31.1	mg/kg	9.65	9.65	1	4/ 5/01	9:17	G.McCord	6010B	3095
Boron	ND	mg/kg	9.65	9.65	1	4/ 5/01	9:17	G.McCord	6010B	3095
GENERAL CHEMISTRY PARAMETERS										
Chloride, s	ND	mg/kg	10.0	1.0	1	4/ 5/01	11:53	G. Baun	9056	3797

ND = Not detected at the report limit.

TEST AMERICA INC.
2960 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

** Original report and a copy of the chain of custody will follow by mail.

IT CORP 9906

2101 S. LOOP 250 WEST Lab Number: 01-A43590
MIDLAND, TX 79703

Sample ID: S-11 O-1' Date Collected: 3/28/01

Project: 806694 Time Collected: 13:00

Project Name: ARCO-GRIMES Date Received: 3/31/01

Sampler: CINDY CRAIN Time Received: 9:00

State Certification: Sample Type: Soil

Site I.D.:

Sample Extraction Data

Parameter	Wt/Vol	Extracted	Extract Vol	Date	Time	Analyst	Method
Texas TRPH	10.0 gm	10.0 ml		4/ 3/01		J. Rudden	TX1005/1006

Surrogate	% Recovery	Target Range
surr-a,a,a-Trifluorotoluene	107.	50. - 150.
TX1005 Surrogate	92.	71. - 134.

- Recovery outside Laboratory historical limits.

All results reported on a wet weight basis.

These results relate only to the items tested.
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Report Approved By: _____

Report Date: 4/ 9/01

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TEST AMERICA INC.
2960 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

** Original report and a copy of the chain of custody will follow by mail.

IT CORP 9906

2101 S. LOOP 250 WEST
MIDLAND, TX 79703

Lab Number: 01-A43591

Sample ID: S-12 3-4'

Date Collected: 3/28/01

Project: 806694

Time Collected: 12:55

Project Name: ARCO-GRIMES

Date Received: 3/31/01

Sampler: CINDY CRAIN

Time Received: 9:00

State Certification:

Sample Type: Soil

Site I.D.:

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS										
>C6 - C10 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 5/01	16:24	J.Saiyasak	TX1005	4568
>C10 - C28 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 5/01	16:24	J.Saiyasak	TX1005	4568
>C28 - C35 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 5/01	16:24	J.Saiyasak	TX1005	4568
C6 - C35 Hydrocarbons	ND	mg/kg	75.0	75.0	1	4/ 5/01	16:24	J.Saiyasak	TX1005	4568
Benzene	ND	mg/kg	0.010	0.010	1	4/ 5/01	0:47	McCutcheon	8021B	3277
Ethylbenzene	ND	mg/kg	0.010	0.010	1	4/ 5/01	0:47	McCutcheon	8021B	3277
Toluene	ND	mg/kg	0.010	0.010	1	4/ 5/01	0:47	McCutcheon	8021B	3277
Xylenes, total	0.021	mg/kg	0.010	0.010	1	4/ 5/01	0:47	McCutcheon	8021B	3277
METALS										
Aluminum	4040	mg/kg	9.77	9.77	1	4/ 5/01	9:17	G.McCord	6010B	3095
Arsenic	3.12	mg/kg	0.977	0.977	1	4/ 5/01	9:17	G.McCord	6010B	3095
Barium	182.	mg/kg	0.977	0.977	1	4/ 5/01	9:17	G.McCord	6010B	3095
Cadmium	ND	mg/kg	0.977	0.977	1	4/ 5/01	9:17	G.McCord	6010B	3095
Chromium	3.91	mg/kg	0.977	0.977	1	4/ 5/01	9:17	G.McCord	6010B	3095
Iron	3050	mg/kg	9.77	9.77	1	4/ 5/01	9:17	G.McCord	6010B	3095
Lead	2.15	mg/kg	0.977	0.977	1	4/ 5/01	9:17	G.McCord	6010B	3095
Manganese	43.2	mg/kg	0.977	0.977	1	4/ 5/01	9:17	G.McCord	6010B	3095
Mercury	ND	mg/kg	0.098	0.098	1	4/ 2/01	12:43	C. Terry	7471	2802
Molybdenum	ND	mg/kg	0.977	0.977	1	4/ 5/01	9:17	G.McCord	6010B	3095
Nickel	5.27	mg/kg	0.977	0.977	1	4/ 5/01	9:17	G.McCord	6010B	3095
Selenium	ND	mg/kg	0.977	0.977	1	4/ 5/01	9:17	G.McCord	6010B	3095
Zinc	ND	mg/kg	9.77	9.77	1	4/ 5/01	9:17	G.McCord	6010B	3095
Boron	ND	mg/kg	9.77	9.77	1	4/ 5/01	9:17	G.McCord	6010B	3095
GENERAL CHEMISTRY PARAMETERS										
Chloride, s	34.1	mg/kg	10.0	1.0	1	4/ 5/01	11:53	G. Baun	9056	3797

ND - Not detected at the report limit.

TEST AMERICA INC.
2960 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

** Original report and a copy of the chain of custody will follow by mail.

IT CORP 9906

2101 S. LOOP 250 WEST Lab Number: 01-A43591
MIDLAND, TX 79703

Sample ID: S-12 3-4' Date Collected: 3/28/01

Project: 806694 Time Collected: 12:55

Project Name: ARCO-GRIMES Date Received: 3/31/01

Sampler: CINDY CRAIN Time Received: 9:00

State Certification: Sample Type: Soil

Site I.D.:

Sample Extraction Data

Parameter	Extracted	Extract Vol	Date	Time	Analyst	Method
Texas TRPH	10.2 gm	10.0 ml	4/ 3/01		J. Rudden	TX1005/1006

Surrogate	% Recovery	Target Range
surr-a,a,a-Trifluorotoluene	107.	50. - 150.
TX1005 Surrogate	124.	71. - 134.

- Recovery outside Laboratory historical limits.

All results reported on a wet weight basis.

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Report Date: 4/ 9/01

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Nashville, Tennessee 37204

ANALYTICAL REPORT

** Original report and a copy of the chain of custody will follow by mail.

IT CORP 9906

2101 S. LOOP 250 WEST
MIDLAND, TX 79703

Lab Number: 01-A43592

Sample ID: S-13 6-7'

Date Collected: 3/28/01

Project: 806694

Time Collected: 13:10

Project Name: ARCO-GRIMES

Date Received: 3/31/01

Sampler: CINDY CRAIN

Time Received: 9:00

State Certification:

Sample Type: Soil

Site I.D.:

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS										
>C6 - C10 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 5/01	3:32	J.Saiyasak	TX1005	4568
>C10 - C28 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 5/01	3:32	J.Saiyasak	TX1005	4568
>C28 - C35 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 5/01	3:32	J.Saiyasak	TX1005	4568
C6 - C35 Hydrocarbons	ND	mg/kg	75.0	75.0	1	4/ 5/01	3:32	J.Saiyasak	TX1005	4568
Benzene	ND	mg/kg	0.010	0.010	1	4/ 5/01	1:21	McCutcheon	8021B	3277
Ethylbenzene	ND	mg/kg	0.010	0.010	1	4/ 5/01	1:21	McCutcheon	8021B	3277
Toluene	ND	mg/kg	0.010	0.010	1	4/ 5/01	1:21	McCutcheon	8021B	3277
Xylenes, total	0.014	mg/kg	0.010	0.010	1	4/ 5/01	1:21	McCutcheon	8021B	3277
METALS										
Aluminum	6090	mg/kg	9.82	9.82	1	4/ 5/01	9:17	G.McCord	6010B	3095
Arsenic	2.95	mg/kg	0.982	0.982	1	4/ 5/01	9:17	G.McCord	6010B	3095
Barium	202.	mg/kg	0.982	0.982	1	4/ 5/01	9:17	G.McCord	6010B	3095
Cadmium	ND	mg/kg	0.982	0.982	1	4/ 5/01	9:17	G.McCord	6010B	3095
Chromium	6.29	mg/kg	0.982	0.982	1	4/ 5/01	9:17	G.McCord	6010B	3095
Iron	4660	mg/kg	9.82	9.82	1	4/ 5/01	9:17	G.McCord	6010B	3095
Lead	5.30	mg/kg	0.982	0.982	1	4/ 5/01	9:17	G.McCord	6010B	3095
Manganese	65.2	mg/kg	0.982	0.982	1	4/ 5/01	9:17	G.McCord	6010B	3095
Mercury	ND	mg/kg	0.098	0.098	1	4/ 2/01	12:43	C. Terry	7471	2802
Molybdenum	ND	mg/kg	0.982	0.982	1	4/ 5/01	9:17	G.McCord	6010B	3095
Nickel	7.07	mg/kg	0.982	0.982	1	4/ 5/01	9:17	G.McCord	6010B	3095
Selenium	ND	mg/kg	0.982	0.982	1	4/ 5/01	9:17	G.McCord	6010B	3095
Zinc	15.7	mg/kg	9.82	9.82	1	4/ 5/01	9:17	G.McCord	6010B	3095
Boron	ND	mg/kg	9.82	9.82	1	4/ 5/01	9:17	G.McCord	6010B	3095
GENERAL CHEMISTRY PARAMETERS										
Chloride, s	21.2	mg/kg	10.0	1.0	1	4/ 5/01	11:53	G. Baun	9056	3797

ND = Not detected at the report limit.

TEST AMERICA INC.
2960 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

** Original report and a copy of the chain of custody will follow by mail.

IT CORP 9906

2101 S. LOOP 250 WEST Lab Number: 01-A43592
MIDLAND, TX 79703

Sample ID: S-13 6-7' Date Collected: 3/28/01

Project: 806694 Time Collected: 13:10

Project Name: ARCO-GRIMES Date Received: 3/31/01

Sampler: CINDY GRAIN Time Received: 9:00

State Certification: Sample Type: Soil

Site I.D.:

Sample Extraction Data

Parameter	Extracted	Extract Vol	Date	Time	Analyst	Method
-----	-----	-----	-----	-----	-----	-----
Texas TRPH	10.0 gm	10.0 ml	4/ 3/01		J. Rudden	TX1005/1006

Surrogate	% Recovery	Target Range
-----	-----	-----
surr-a,a,a-Trifluorotoluene	107.	50. - 150.
TX1005 Surrogate	96.	71. - 134.

- Recovery outside Laboratory historical limits.

All results reported on a wet weight basis.

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Report Approved By: _____

Report Date: 4/ 9/01

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TEST AMERICA INC.
2960 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

** Original report and a copy of the chain of custody will follow by mail.

IT CORP 9906

2101 S. LOOP 250 WEST
MIDLAND, TX 79703

Lab Number: 01-A43593

Sample ID: S-14 0-1'

Date Collected: 3/28/01

Project: 806694

Time Collected: 13:20

Project Name: ARCO-GRIMES

Date Received: 3/31/01

Sampler: CINDY CRAIN

Time Received: 9:00

State Certification:

Sample Type: Soil

Site I.D.:

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
<hr/>										
ORGANIC PARAMETERS										
>C6 - C10 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 5/01	4:42	J.Saiyasak	TX1005	4568
>C10 - C28 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 5/01	4:42	J.Saiyasak	TX1005	4568
>C28 - C35 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 5/01	4:42	J.Saiyasak	TX1005	4568
C6 - C35 Hydrocarbons	ND	mg/kg	75.0	75.0	1	4/ 5/01	4:42	J.Saiyasak	TX1005	4568
Benzene	ND	mg/kg	0.010	0.010	1	4/ 5/01	3:04	McCutcheon	8021B	3277
Ethylbenzene	ND	mg/kg	0.010	0.010	1	4/ 5/01	3:04	McCutcheon	8021B	3277
Toluene	ND	mg/kg	0.010	0.010	1	4/ 5/01	3:04	McCutcheon	8021B	3277
Xylenes, total	ND	mg/kg	0.010	0.010	1	4/ 5/01	3:04	McCutcheon	8021B	3277
<hr/>										
METALS										
Aluminum	10300	mg/kg	9.88	9.88	1	4/ 5/01	9:17	G.McCord	6010B	3095
Arsenic	2.77	mg/kg	0.988	0.988	1	4/ 5/01	9:17	G.McCord	6010B	3095
Barium	134.	mg/kg	0.988	0.988	1	4/ 5/01	9:17	G.McCord	6010B	3095
Cadmium	ND	mg/kg	0.988	0.988	1	4/ 5/01	9:17	G.McCord	6010B	3095
Chromium	11.3	mg/kg	0.988	0.988	1	4/ 5/01	9:17	G.McCord	6010B	3095
Iron	10500	mg/kg	9.88	9.88	1	4/ 5/01	9:17	G.McCord	6010B	3095
Lead	13.6	mg/kg	0.988	0.988	1	4/ 5/01	9:17	G.McCord	6010B	3095
Manganese	366.	mg/kg	0.988	0.988	1	4/ 5/01	9:17	G.McCord	6010B	3095
Mercury	ND	mg/kg	0.098	0.098	1	4/ 2/01	12:43	C. Terry	7471	2802
Molybdenum	ND	mg/kg	0.988	0.988	1	4/ 5/01	9:17	G.McCord	6010B	3095
Nickel	10.9	mg/kg	0.988	0.988	1	4/ 5/01	9:17	G.McCord	6010B	3095
Selenium	ND	mg/kg	0.988	0.988	1	4/ 5/01	9:17	G.McCord	6010B	3095
Zinc	28.3	mg/kg	9.88	9.88	1	4/ 5/01	9:17	G.McCord	6010B	3095
Boron	ND	mg/kg	9.88	9.88	1	4/ 5/01	9:17	G.McCord	6010B	3095
<hr/>										
GENERAL CHEMISTRY PARAMETERS										
Chloride, s	555.	mg/kg	50.0	1.0	5	4/ 5/01	11:53	G. Baum	9056	3797

ND - Not detected at the report limit.

TEST AMERICA INC.
2960 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

** Original report and a copy of the chain of custody will follow by mail.

IT CORP 9906

2101 S. LOOP 250 WEST Lab Number: 01-A43593
MIDLAND, TX 79703

Sample ID: S-14 0-1' Date Collected: 3/28/01

Project: 806694 Time Collected: 13:20

Project Name: ARCO-GRIMES Date Received: 3/31/01

Sampler: CINDY CRAIN Time Received: 9:00

State Certification: Sample Type: Soil

Site I.D.:

Sample Extraction Data

Parameter	Extracted	Extract Vol	Date	Time	Analyst	Method
Texas TRPH	10.1 gm	10.0 ml	4/ 3/01		J. Rudden	TX1005/1006

Surrogate	% Recovery	Target Range
surr-a,a,a-Trifluorotoluene	107.	50. - 150.
TX1005 Surrogate	84.	71. - 134.

- Recovery outside Laboratory historical limits.

All results reported on a wet weight basis.

These results relate only to the items tested.
This report shall not be reproduced except in full and with
permission of the laboratory.

Report Approved By: _____

Report Date: 4/ 9/01

Paul E. Lane, Jr., Lab Director
Michael H. Dunn, M.S., Technical Director
Johnny A. Mitchell, Dir. Technical Serv.
Eric S. Smith, Assistant Technical Director

Gail A. Lage, Technical Serv.
Glenn L. Norton, Technical Serv.
Kelly S. Comstock, Technical Serv.
Pamela A. Langford, Technical Serv.

TEST AMERICA INC.
2960 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

** Original report and a copy of the chain of custody will follow by mail.

IT CORP 9906

2101 S. LOOP 250 WEST
MIDLAND, TX 79703

Lab Number: 01-A43594

Sample ID: S-15 3-4'

Date Collected: 3/28/01

Project: 806694

Time Collected: 13:30

Project Name: ARCO-GRIMES

Date Received: 3/31/01

Sampler: CINDY CRAIN

Time Received: 9:00

State Certification:

Sample Type: Soil

Site I.D.:

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS										
>C6 - Cl0 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 5/01	5:52	J.Saiyasak	TX1005	4568
>Cl0 - C28 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 5/01	5:52	J.Saiyasak	TX1005	4568
>C28 - C35 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 5/01	5:52	J.Saiyasak	TX1005	4568
C6 - C35 Hydrocarbons	ND	mg/kg	75.0	75.0	1	4/ 5/01	5:52	J.Saiyasak	TX1005	4568
Benzene	ND	mg/kg	0.010	0.010	1	4/ 5/01	3:38	McCutcheon	8021B	3277
Ethylbenzene	ND	mg/kg	0.010	0.010	1	4/ 5/01	3:38	McCutcheon	8021B	3277
Toluene	ND	mg/kg	0.010	0.010	1	4/ 5/01	3:38	McCutcheon	8021B	3277
Xylenes, total	ND	mg/kg	0.010	0.010	1	4/ 5/01	3:38	McCutcheon	8021B	3277
METALS										
Aluminum	3430	mg/kg	9.86	9.86	1	4/ 5/01	9:17	G.McCord	6010B	3095
Arsenic	4.34	mg/kg	0.986	0.986	1	4/ 5/01	9:17	G.McCord	6010B	3095
Barium	566.	mg/kg	0.986	0.986	1	4/ 5/01	9:17	G.McCord	6010B	3095
Cadmium	ND	mg/kg	0.986	0.986	1	4/ 5/01	9:17	G.McCord	6010B	3095
Chromium	3.55	mg/kg	0.986	0.986	1	4/ 5/01	9:17	G.McCord	6010B	3095
Iron	2190	mg/kg	9.86	9.86	1	4/ 5/01	9:17	G.McCord	6010B	3095
Lead	ND	mg/kg	0.986	0.986	1	4/ 5/01	9:17	G.McCord	6010B	3095
Manganese	25.8	mg/kg	0.986	0.986	1	4/ 5/01	9:17	G.McCord	6010B	3095
Mercury	ND	mg/kg	0.097	0.097	1	4/ 2/01	12:43	C. Terry	7471	2802
Molybdenum	ND	mg/kg	0.986	0.986	1	4/ 5/01	9:17	G.McCord	6010B	3095
Nickel	4.93	mg/kg	0.986	0.986	1	4/ 5/01	9:17	G.McCord	6010B	3095
Selenium	ND	mg/kg	0.986	0.986	1	4/ 5/01	9:17	G.McCord	6010B	3095
Zinc	ND	mg/kg	9.86	9.86	1	4/ 5/01	9:17	G.McCord	6010B	3095
Boron	ND	mg/kg	9.86	9.86	1	4/ 5/01	9:17	G.McCord	6010B	3095
GENERAL CHEMISTRY PARAMETERS										
Chloride, s	1120	mg/kg	100.	1.0	10	4/ 5/01	21:45	G. Baun	9056	4761

ND - Not detected at the report limit.

TEST AMERICA INC.
2960 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

** Original report and a copy of the chain of custody will follow by mail.

IT CORP 9906

2101 S. LOOP 250 WEST Lab Number: 01-A43594
MIDLAND, TX 79703

Sample ID: S-15 3-4' Date Collected: 3/28/01

Project: 806694 Time Collected: 13:30

Project Name: ARCO-GRIMES Date Received: 3/31/01

Sampler: CINDY CRAIN Time Received: 9:00

State Certification: Sample Type: Soil

Site I.D.:

Sample Extraction Data

Parameter	Extracted	Wt/Vol	Extract Vol	Date	Time	Analyst	Method
Texas TRPH	10.1 gm	10.0 ml		4/ 3/01		J. Rudden	TX1005/1006

Surrogate	% Recovery	Target Range
surr-a,a,a-Trifluorotoluene	107.	50. - 150.
TX1005 Surrogate	100.	71. - 134.

* - Recovery outside Laboratory historical limits.

All results reported on a wet weight basis.

These results relate only to the items tested.
This report shall not be reproduced except in full and with
permission of the laboratory.

Report Approved By: _____

Report Date: 4/ 9/01

Paul E. Lane, Jr., Lab Director
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TEST AMERICA INC.
2960 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

** Original report and a copy of the chain of custody will follow by mail.

IT CORP 9906

2101 S. LOOP 250 WEST
MIDLAND, TX 79703

Lab Number: 01-A43595

Sample ID: S-16 6-7'

Date Collected: 3/28/01

Project: 806694

Time Collected: 13:35

Project Name: ARCO-GRIMES

Date Received: 3/31/01

Sampler: CINDY CRAIN

Time Received: 9:00

State Certification:

Sample Type: Soil

Site I.D.:

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS										
>C6 - Cl0 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 6/01	0:13	J.Saiyasak	TX1005	6365
>C10 - C28 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 6/01	0:13	J.Saiyasak	TX1005	6365
>C28 - C35 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 6/01	0:13	J.Saiyasak	TX1005	6365
C6 - C35 Hydrocarbons	ND	mg/kg	75.0	75.0	1	4/ 6/01	0:13	J.Saiyasak	TX1005	6365
Benzene	ND	mg/kg	0.010	0.010	1	4/ 5/01	4:12	McCutcheon	8021B	3277
Ethylbenzene	ND	mg/kg	0.010	0.010	1	4/ 5/01	4:12	McCutcheon	8021B	3277
Toluene	ND	mg/kg	0.010	0.010	1	4/ 5/01	4:12	McCutcheon	8021B	3277
Xylenes, total	ND	mg/kg	0.010	0.010	1	4/ 5/01	4:12	McCutcheon	8021B	3277
METALS										
Aluminum	8060	mg/kg	9.60	9.60	1	4/ 5/01	9:17	G.McCord	6010B	3095
Arsenic	3.26	mg/kg	0.960	0.960	1	4/ 5/01	9:17	G.McCord	6010B	3095
Barium	171.	mg/kg	0.960	0.960	1	4/ 5/01	9:17	G.McCord	6010B	3095
Cadmium	ND	mg/kg	0.960	0.960	1	4/ 5/01	9:17	G.McCord	6010B	3095
Chromium	7.49	mg/kg	0.960	0.960	1	4/ 5/01	9:17	G.McCord	6010B	3095
Iron	5800	mg/kg	9.60	9.60	1	4/ 5/01	9:17	G.McCord	6010B	3095
Lead	2.88	mg/kg	0.960	0.960	1	4/ 5/01	9:17	G.McCord	6010B	3095
Manganese	83.3	mg/kg	0.960	0.960	1	4/ 5/01	9:17	G.McCord	6010B	3095
Mercury	ND	mg/kg	0.098	0.098	1	4/ 2/01	12:43	C. Terry	7471	2802
Molybdenum	ND	mg/kg	0.960	0.960	1	4/ 5/01	9:17	G.McCord	6010B	3095
Nickel	7.10	mg/kg	0.960	0.960	1	4/ 5/01	9:17	G.McCord	6010B	3095
Selenium	ND	mg/kg	0.960	0.960	1	4/ 5/01	9:17	G.McCord	6010B	3095
Zinc	17.3	mg/kg	9.60	9.60	1	4/ 5/01	9:17	G.McCord	6010B	3095
Boron	9.98	mg/kg	9.60	9.60	1	4/ 5/01	9:17	G.McCord	6010B	3095
GENERAL CHEMISTRY PARAMETERS										
Chloride, s	2240	mg/kg	500.	1.0	50	4/ 5/01	21:45	G. Baun	9056	4761

ND - Not detected at the report limit.

TEST AMERICA INC.
2960 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

** Original report and a copy of the chain of custody will follow by mail.

IT CORP 9906

2101 S. LOOP 250 WEST Lab Number: 01-A43595
MIDLAND, TX 79703

Sample ID: S-16 6-7' Date Collected: 3/28/01

Project: 806694 Time Collected: 13:35

Project Name: ARCO-GRIMES Date Received: 3/31/01

Sampler: CINDY CRAIN Time Received: 9:00

State Certification: Sample Type: Soil

Site I.D.:

Sample Extraction Data

Parameter	Wt/Vol	Extracted	Extract Vol	Date	Time	Analyst	Method
Texas TRPH	9.9 gm	10.0 ml		4/ 5/01		J. Rudden	TX1005/1006

Surrogate	% Recovery	Target Range
surv-a,a,a-Trifluorotoluene	107.	50. - 150.
TX1005 Surrogate	92.	71. - 134.

- Recovery outside Laboratory historical limits.

All results reported on a wet weight basis.

These results relate only to the items tested.
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permission of the laboratory.

Report Approved By: _____

Report Date: 4/ 9/01

Paul E. Lane, Jr., Lab Director
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TEST AMERICA INC.
2960 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

** Original report and a copy of the chain of custody will follow by mail.

IT CORP 9906

2101 S. LOOP 250 WEST
MIDLAND, TX 79703

Lab Number: 01-A43596

Sample ID: S-17 0-1'

Date Collected: 3/28/01

Project: 806694

Time Collected: 13:40

Project Name: ARCO-GRIMES

Date Received: 3/31/01

Sampler: CINDY CRAIN

Time Received: 9:00

State Certification:

Sample Type: Soil

Site I.D.:

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS										
>C6 - C10 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 5/01	13:12	J.Saiyasak	TX1005	4568
>C10 - C28 Hydrocarbons	27.7	mg/kg	25.0	25.0	1	4/ 5/01	13:12	J.Saiyasak	TX1005	4568
>C28 - C35 Hydrocarbons	180.	mg/kg	25.0	25.0	1	4/ 5/01	13:12	J.Saiyasak	TX1005	4568
C6 - C35 Hydrocarbons	208.	mg/kg	75.0	75.0	1	4/ 5/01	13:12	J.Saiyasak	TX1005	4568
Benzene	ND	mg/kg	0.010	0.010	1	4/ 5/01	4:46	McCutcheon	8021B	3277
Ethylbenzene	ND	mg/kg	0.010	0.010	1	4/ 5/01	4:46	McCutcheon	8021B	3277
Toluene	ND	mg/kg	0.010	0.010	1	4/ 5/01	4:46	McCutcheon	8021B	3277
Xylenes, total	ND	mg/kg	0.010	0.010	1	4/ 5/01	4:46	McCutcheon	8021B	3277
METALS										
Aluminum	22700	mg/kg	9.86	9.86	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Arsenic	6.31	mg/kg	0.986	0.986	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Barium	357.	mg/kg	0.986	0.986	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Cadmium	ND	mg/kg	0.986	0.986	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Chromium	21.5	mg/kg	0.986	0.986	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Iron	19300	mg/kg	9.86	9.86	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Lead	18.1	mg/kg	0.986	0.986	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Manganese	590.	mg/kg	0.986	0.986	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Mercury	ND	mg/kg	0.100	0.100	1	4/ 2/01	12:43	C. Terry	7471	2802
Molybdenum	ND	mg/kg	0.986	0.986	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Nickel	16.2	mg/kg	0.986	0.986	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Selenium	ND	mg/kg	0.986	0.986	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Zinc	44.2	mg/kg	9.86	9.86	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Boron	ND	mg/kg	9.86	9.86	1	4/ 4/01	18:03	G.Robinson	6010B	3096
GENERAL CHEMISTRY PARAMETERS										
Chloride, s	26.6	mg/kg	10.0	1.0	1	4/ 5/01	21:45	G. Baum	9056	4761

ND - Not detected at the report limit.

TEST AMERICA INC.
2960 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

** Original report and a copy of the chain of custody will follow by mail.

IT CORP 9906

2101 S. LOOP 250 WEST Lab Number: 01-A43596
MIDLAND, TX 79703

Sample ID: S-17 0-1' Date Collected: 3/28/01

Project: 806694 Time Collected: 13:40

Project Name: ARCO-GRIMES Date Received: 3/31/01

Sampler: CINDY CRAIN Time Received: 9:00

State Certification: Sample Type: Soil

Site I.D.:

Sample Extraction Data

Parameter	Wt/Vol	Extracted	Extract Vol	Date	Time	Analyst	Method
Texas TRPH	-----	10.1 gm	10.0 ml	4/ 3/01	-----	J. Rudden	TX1005/1006

Surrogate	% Recovery	Target Range
surr-a,a,a-Trifluorotoluene	107.	50. - 150.
TX1005 Surrogate	88.	71. - 134.

- Recovery outside Laboratory historical limits.

All results reported on a wet weight basis.

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Report Approved By: _____

Report Date: 4/ 9/01

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TEST AMERICA INC.
2960 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

** Original report and a copy of the chain of custody will follow by mail.

IT CORP 9906

2101 S. LOOP 250 WEST
MIDLAND, TX 79703

Lab Number: 01-A43597

Sample ID: S-18 3-4'

Date Collected: 3/28/01

Project: 806694

Time Collected: 13:45

Project Name: ARCO-GRIMES

Date Received: 3/31/01

Sampler: CINDY CRAIN

Time Received: 9:00

State Certification:

Sample Type: Soil

Site I.D.:

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS										
>C6 - Cl0 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 5/01	7:38	J.Saiyasak	TX1005	4568
>C10 - C28 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 5/01	7:38	J.Saiyasak	TX1005	4568
>C28 - C35 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 5/01	7:38	J.Saiyasak	TX1005	4568
C6 - C35 Hydrocarbons	ND	mg/kg	75.0	75.0	1	4/ 5/01	7:38	J.Saiyasak	TX1005	4568
Benzene	ND	mg/kg	0.010	0.010	1	4/ 3/01	6:22	L. Lowery	8021B	4857
Ethylbenzene	ND	mg/kg	0.010	0.010	1	4/ 3/01	6:22	L. Lowery	8021B	4857
Toluene	ND	mg/kg	0.010	0.010	1	4/ 3/01	6:22	L. Lowery	8021B	4857
Xylenes, total	ND	mg/kg	0.010	0.010	1	4/ 3/01	6:22	L. Lowery	8021B	4857
METALS										
Aluminum	8330	mg/kg	9.78	9.78	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Arsenic	3.91	mg/kg	0.978	0.978	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Barium	286.	mg/kg	0.978	0.978	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Cadmium	ND	mg/kg	0.978	0.978	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Chromium	8.22	mg/kg	0.978	0.978	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Iron	5380	mg/kg	9.78	9.78	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Lead	3.33	mg/kg	0.978	0.978	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Manganese	65.9	mg/kg	0.978	0.978	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Mercury	ND	mg/kg	0.100	0.100	1	4/ 2/01	12:43	C. Terry	7471	2802
Molybdenum	ND	mg/kg	0.978	0.978	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Nickel	5.48	mg/kg	0.978	0.978	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Selenium	ND	mg/kg	0.978	0.978	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Zinc	13.9	mg/kg	9.78	9.78	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Boron	ND	mg/kg	9.78	9.78	1	4/ 4/01	18:03	G.Robinson	6010B	3096
GENERAL CHEMISTRY PARAMETERS										
Chloride, s	ND	mg/kg	10.0	1.0	1	4/ 5/01	21:45	G. Baun	9056	4761

ND = Not detected at the report limit.

TEST AMERICA INC.
2960 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

** Original report and a copy of the chain of custody will follow by mail.

IT CORP 9906

2101 S. LOOP 250 WEST Lab Number: 01-A43597
MIDLAND, TX 79703

Sample ID: S-18 3-4' Date Collected: 3/28/01

Project: 806694 Time Collected: 13:45

Project Name: ARCO-GRIMES Date Received: 3/31/01

Sampler: CINDY CRAIN Time Received: 9:00

State Certification: Sample Type: Soil

Site I.D.:

Sample Extraction Data

Parameter	Extracted	Extract Vol	Date	Time	Analyst	Method
Texas TRPH	10.3 gm	10.0 ml	4/ 3/01		J. Rudden	TX1005/1006

Surrogate	% Recovery	Target Range
surr-a,a,a-Trifluorotoluene	103.	50. - 150.
TX1005 Surrogate	92.	71. - 134.

- Recovery outside Laboratory historical limits.

All results reported on a wet weight basis.

These results relate only to the items tested.
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permission of the laboratory.

Report Approved By: _____

Report Date: 4/ 9/01

Paul E. Lane, Jr., Lab Director
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Johnny A. Mitchell, Dir. Technical Serv.
Eric S. Smith, Assistant Technical Director

Gail A. Lage, Technical Serv.
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Kelly S. Comstock, Technical Serv.
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TEST AMERICA INC.
2960 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

** Original report and a copy of the chain of custody will follow by mail.

IT CORP 9906

2101 S. LOOP 250 WEST
MIDLAND, TX 79703

Lab Number: 01-A43598

Sample ID: S-19 6-7'

Date Collected: 3/28/01

Project: 806694

Time Collected: 13:50

Project Name: ARCO-GRIMES

Date Received: 3/31/01

Sampler: CINDY CRAIN

Time Received: 9:00

State Certification:

Sample Type: Soil

Site I.D.:

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS										
>C6 - C10 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 5/01	8:14	J.Saiyasak	TX1005	4568
>C10 - C28 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 5/01	8:14	J.Saiyasak	TX1005	4568
>C28 - C35 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 5/01	8:14	J.Saiyasak	TX1005	4568
C6 - C35 Hydrocarbons	ND	mg/kg	75.0	75.0	1	4/ 5/01	8:14	J.Saiyasak	TX1005	4568
Benzene	ND	mg/kg	0.010	0.010	1	4/ 3/01	6:54	L. Lowery	8021B	4857
Ethylbenzene	ND	mg/kg	0.010	0.010	1	4/ 3/01	6:54	L. Lowery	8021B	4857
Toluene	ND	mg/kg	0.010	0.010	1	4/ 3/01	6:54	L. Lowery	8021B	4857
Xylenes, total	ND	mg/kg	0.010	0.010	1	4/ 3/01	6:54	L. Lowery	8021B	4857
METALS										
Aluminum	7660	mg/kg	9.73	9.73	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Arsenic	4.09	mg/kg	0.973	0.973	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Barium	323.	mg/kg	0.973	0.973	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Cadmium	ND	mg/kg	0.973	0.973	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Chromium	7.20	mg/kg	0.973	0.973	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Iron	4610	mg/kg	9.73	9.73	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Lead	3.11	mg/kg	0.973	0.973	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Manganese	68.3	mg/kg	0.973	0.973	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Mercury	ND	mg/kg	0.097	0.097	1	4/ 2/01	12:43	C. Terry	7471	2802
Molybdenum	ND	mg/kg	0.973	0.973	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Nickel	6.23	mg/kg	0.973	0.973	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Selenium	ND	mg/kg	0.973	0.973	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Zinc	12.6	mg/kg	9.73	9.73	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Boron	ND	mg/kg	9.73	9.73	1	4/ 4/01	18:03	G.Robinson	6010B	3096
GENERAL CHEMISTRY PARAMETERS										
Chloride, s	28.4	mg/kg	10.0	1.0	1	4/ 5/01	21:45	G. Baum	9056	4761

ND - Not detected at the report limit.

TEST AMERICA INC.
2960 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

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IT CORP 9906

2101 S. LOOP 250 WEST Lab Number: 01-A43598
MIDLAND, TX 79703

Sample ID: S-19 6-7' Date Collected: 3/28/01

Project: 806694 Time Collected: 13:50

Project Name: ARCO-GRIMES Date Received: 3/31/01

Sampler: CINDY CRAIN Time Received: 9:00

State Certification: Sample Type: Soil

Site I.D.:

Sample Extraction Data

Parameter	Wt/Vol	Extracted	Extract Vol	Date	Time	Analyst	Method
Texas TRPH	10.1 gm	10.0 ml		4/ 3/01		J. Rudden	TX1005/1006

Surrogate	% Recovery	Target Range
surr-a,a,a-Trifluorotoluene	107.	50. - 150.
TX1005 Surrogate	112.	71. - 134.

- Recovery outside Laboratory historical limits.

All results reported on a wet weight basis.

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Report Date: 4/ 9/01

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ANALYTICAL REPORT

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IT CORP 9906

2101 S. LOOP 250 WEST
MIDLAND, TX 79703

Lab Number: 01-A43599

Sample ID: S-20 0-2'

Date Collected: 3/28/01

Project: 806694

Time Collected: 15:50

Project Name: ARCO-GRIMES

Date Received: 3/31/01

Sampler: CINDY CRAIN

Time Received: 9:00

State Certification:

Sample Type: Soil

Site I.D.:

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS										
>C6 - C10 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 5/01	8:49	J.Saiyasak	TX1005	4568
>C10 - C28 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 5/01	8:49	J.Saiyasak	TX1005	4568
>C28 - C35 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 5/01	8:49	J.Saiyasak	TX1005	4568
C6 - C35 Hydrocarbons	ND	mg/kg	75.0	75.0	1	4/ 5/01	8:49	J.Saiyasak	TX1005	4568
Benzene	ND	mg/kg	0.010	0.010	1	4/ 3/01	7:26	L. Lowery	8021B	4857
Ethylbenzene	ND	mg/kg	0.010	0.010	1	4/ 3/01	7:26	L. Lowery	8021B	4857
Toluene	ND	mg/kg	0.010	0.010	1	4/ 3/01	7:26	L. Lowery	8021B	4857
Xylenes, total	ND	mg/kg	0.010	0.010	1	4/ 3/01	7:26	L. Lowery	8021B	4857
METALS										
Aluminum	13300	mg/kg	9.75	9.75	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Arsenic	3.90	mg/kg	0.975	0.975	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Barium	143.	mg/kg	0.975	0.975	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Cadmium	ND	mg/kg	0.975	0.975	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Chromium	12.9	mg/kg	0.975	0.975	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Iron	9070	mg/kg	9.75	9.75	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Lead	6.63	mg/kg	0.975	0.975	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Manganese	177.	mg/kg	0.975	0.975	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Mercury	ND	mg/kg	0.099	0.099	1	4/ 2/01	14:10	Rob Hunt	7471	2803
Molybdenum	ND	mg/kg	0.975	0.975	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Nickel	8.38	mg/kg	0.975	0.975	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Selenium	ND	mg/kg	0.975	0.975	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Zinc	30.2	mg/kg	9.75	9.75	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Boron	ND	mg/kg	9.75	9.75	1	4/ 4/01	18:03	G.Robinson	6010B	3096
GENERAL CHEMISTRY PARAMETERS										
Chloride, s	ND	mg/kg	10.0	1.0	1	4/ 5/01	21:45	G. Baun	9056	4761

ND = Not detected at the report limit.

TEST AMERICA INC.
2960 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

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IT CORP 9906

2101 S. LOOP 250 WEST Lab Number: 01-A43599
MIDLAND, TX 79703

Sample ID: S-20 0-2' Date Collected: 3/28/01

Project: 806694 Time Collected: 15:50

Project Name: ARCO-GRIMES Date Received: 3/31/01

Sampler: CINDY CRAIN Time Received: 9:00

State Certification: Sample Type: Soil

Site I.D.:

Sample Extraction Data

Parameter	Extracted	Extract Vol	Date	Time	Analyst	Method
-----	-----	-----	-----	-----	-----	-----
Texas TRPH	10.0 gm	10.0 ml	4/ 3/01		J. Rudden	TX1005/1006

Surrogate	% Recovery	Target Range
-----	-----	-----
surr-a,a,a-Trifluorotoluene	107.	50. - 150.
TX1005 Surrogate	88.	71. - 134.

- Recovery outside Laboratory historical limits.

All results reported on a wet weight basis.

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Report Approved By: _____

Report Date: 4/ 9/01

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TEST AMERICA INC.
2960 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

** Original report and a copy of the chain of custody will follow by mail.

IT CORP 9906

2101 S. LOOP 250 WEST
MIDLAND, TX 79703

Lab Number: 01-A43600

Sample ID: S-21 0-2'

Date Collected: 3/28/01

Project: 806694

Time Collected: 16:00

Project Name: ARCO-GRIMES

Date Received: 3/31/01

Sampler: CINDY CRAIN

Time Received: 9:00

State Certification:

Sample Type: Soil

Site I.D.:

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS										
>C6 - C10 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 5/01	20:32	J.Saiyasak	TX1005	4569
>C10 - C28 Hydrocarbons	30.0	mg/kg	25.0	25.0	1	4/ 5/01	20:32	J.Saiyasak	TX1005	4569
>C28 - C35 Hydrocarbons	124.	mg/kg	25.0	25.0	1	4/ 5/01	20:32	J.Saiyasak	TX1005	4569
C6 - C35 Hydrocarbons	154.	mg/kg	75.0	75.0	1	4/ 5/01	20:32	J.Saiyasak	TX1005	4569
Benzene	ND	mg/kg	0.010	0.010	1	4/ 3/01	7:57	L. Lowery	8021B	4857
Ethylbenzene	ND	mg/kg	0.010	0.010	1	4/ 3/01	7:57	L. Lowery	8021B	4857
Toluene	ND	mg/kg	0.010	0.010	1	4/ 3/01	7:57	L. Lowery	8021B	4857
Xylenes, total	ND	mg/kg	0.010	0.010	1	4/ 3/01	7:57	L. Lowery	8021B	4857
METALS										
Aluminum	12000	mg/kg	9.73	9.73	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Arsenic	3.11	mg/kg	0.973	0.973	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Barium	149.	mg/kg	0.973	0.973	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Cadmium	ND	mg/kg	0.973	0.973	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Chromium	12.1	mg/kg	0.973	0.973	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Iron	7970	mg/kg	9.73	9.73	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Lead	7.00	mg/kg	0.973	0.973	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Manganese	158.	mg/kg	0.973	0.973	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Mercury	ND	mg/kg	0.100	0.100	1	4/ 2/01	14:10	Rob Hunt	7471	2803
Molybdenum	ND	mg/kg	0.973	0.973	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Nickel	7.20	mg/kg	0.973	0.973	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Selenium	ND	mg/kg	0.973	0.973	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Zinc	34.2	mg/kg	9.73	9.73	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Boron	ND	mg/kg	9.73	9.73	1	4/ 4/01	18:03	G.Robinson	6010B	3096
GENERAL CHEMISTRY PARAMETERS										
Chloride, s	ND	mg/kg	10.0	1.0	1	4/ 5/01	21:45	G. Baum	9056	4761

ND - Not detected at the report limit.

TEST AMERICA INC.
2960 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

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IT CORP 9906

2101 S. LOOP 250 WEST Lab Number: 01-A43600
MIDLAND, TX 79703

Sample ID: S-21 0-2' Date Collected: 3/28/01

Project: 806694 Time Collected: 16:00

Project Name: ARCO-GRIMES Date Received: 3/31/01

Sampler: CINDY CRAIN Time Received: 9:00

State Certification: Sample Type: Soil

Site I.D.:

Sample Extraction Data

Parameter	Extracted	Extract Vol	Date	Time	Analyst	Method
Texas TRPH	10.0 gm	10.0 ml	4/ 3/01		J. Rudden	TX1005/1006

Surrogate	% Recovery	Target Range
surr-a,a,a-Trifluorotoluene	103.	50. - 150.
TX1005 Surrogate	120.	71. - 134.

- Recovery outside Laboratory historical limits.

All results reported on a wet weight basis.

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Report Date: 4/ 9/01

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ANALYTICAL REPORT

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IT CORP 9906

2101 S. LOOP 250 WEST
MIDLAND, TX 79703

Lab Number: 01-A43601

Sample ID: S-22 0-1'

Date Collected: 3/28/01

Project: 806694

Time Collected: 16:15

Project Name: ARCO-GRIMES

Date Received: 3/31/01

Sampler: CINDY CRAIN

Time Received: 9:00

State Certification:

Sample Type: Soil

Site I.D.:

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS										
>C6 - C10 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 5/01	6:39	J.Saiyasak	TX1005	4569
>C10 - C28 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 5/01	6:39	J.Saiyasak	TX1005	4569
>C28 - C35 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 5/01	6:39	J.Saiyasak	TX1005	4569
C6 - C35 Hydrocarbons	ND	mg/kg	75.0	75.0	1	4/ 5/01	6:39	J.Saiyasak	TX1005	4569
Benzene	ND	mg/kg	0.010	0.010	1	4/ 3/01	10:09	L. Lowery	8021B	4857
Ethylbenzene	ND	mg/kg	0.010	0.010	1	4/ 3/01	10:09	L. Lowery	8021B	4857
Toluene	ND	mg/kg	0.010	0.010	1	4/ 3/01	10:09	L. Lowery	8021B	4857
Xylenes, total	ND	mg/kg	0.010	0.010	1	4/ 3/01	10:09	L. Lowery	8021B	4857
METALS										
Aluminum	12500	mg/kg	9.65	9.65	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Arsenic	4.05	mg/kg	0.965	0.965	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Barium	163.	mg/kg	0.965	0.965	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Cadmium	ND	mg/kg	0.965	0.965	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Chromium	12.9	mg/kg	0.965	0.965	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Iron	8750	mg/kg	9.65	9.65	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Lead	8.30	mg/kg	0.965	0.965	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Manganese	144.	mg/kg	0.965	0.965	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Mercury	ND	mg/kg	0.100	0.100	1	4/ 2/01	14:10	Rob Hunt	7471	2803
Molybdenum	ND	mg/kg	0.965	0.965	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Nickel	8.11	mg/kg	0.965	0.965	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Selenium	ND	mg/kg	0.965	0.965	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Zinc	40.2	mg/kg	9.65	9.65	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Boron	ND	mg/kg	9.65	9.65	1	4/ 4/01	18:03	G.Robinson	6010B	3096
GENERAL CHEMISTRY PARAMETERS										
Chloride, s	ND	mg/kg	10.0	1.0	1	4/ 5/01	21:45	G. Baun	9056	4761

ND - Not detected at the report limit.

TEST AMERICA INC.
2960 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

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IT CORP 9906

2101 S. LOOP 250 WEST Lab Number: 01-A43601
MIDLAND, TX 79703

Sample ID: S-22 0-1' Date Collected: 3/28/01

Project: 806694 Time Collected: 16:15

Project Name: ARCO-GRIMES Date Received: 3/31/01

Sampler: CINDY CRAIN Time Received: 9:00

State Certification: Sample Type: Soil

Site I.D.:

Sample Extraction Data

Parameter	Extracted	Extract Vol	Date	Time	Analyst	Method
Texas TRPH	10.0 gm	10.0 ml	4/ 3/01		J. Rudden	TX1005/1006

Surrogate	% Recovery	Target Range
surr-a,a,a-Trifluorotoluene	107.	50. - 150.
TX1005 Surrogate	116.	71. - 134.

- Recovery outside Laboratory historical limits.

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TEST AMERICA INC.
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Nashville, Tennessee 37204

ANALYTICAL REPORT

** Original report and a copy of the chain of custody will follow by mail.

IT CORP 9906

2101 S. LOOP 250 WEST
MIDLAND, TX 79703

Lab Number: 01-A43602

Sample ID: S-23 0-2'

Date Collected: 3/28/01

Project: 806694

Time Collected: 16:20

Project Name: ARCO-GRIMES

Date Received: 3/31/01

Sampler: CINDY CRAIN

Time Received: 9:00

State Certification:

Sample Type: Soil

Site I.D.:

Analyte	Result	Units	Report	Quan	Dil	Analysis		Analyst	Method	Batch
			Limit	Limit	Factor	Date	Time			
ORGANIC PARAMETERS										
>C6 - C10 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 5/01	7:14	J.Saiyasak	TX1005	4569
>C10 - C28 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 5/01	7:14	J.Saiyasak	TX1005	4569
>C28 - C35 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 5/01	7:14	J.Saiyasak	TX1005	4569
C6 - C35 Hydrocarbons	ND	mg/kg	75.0	75.0	1	4/ 5/01	7:14	J.Saiyasak	TX1005	4569
Benzene	ND	mg/kg	0.010	0.010	1	4/ 3/01	10:41	L. Lowery	8021B	4857
Ethylbenzene	ND	mg/kg	0.010	0.010	1	4/ 3/01	10:41	L. Lowery	8021B	4857
Toluene	ND	mg/kg	0.010	0.010	1	4/ 3/01	10:41	L. Lowery	8021B	4857
Xylenes, total	ND	mg/kg	0.010	0.010	1	4/ 3/01	10:41	L. Lowery	8021B	4857
METALS										
Aluminum	11900	mg/kg	9.96	9.96	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Arsenic	3.78	mg/kg	0.996	0.996	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Barium	157.	mg/kg	0.996	0.996	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Cadmium	ND	mg/kg	0.996	0.996	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Chromium	12.6	mg/kg	0.996	0.996	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Iron	7860	mg/kg	9.96	9.96	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Lead	10.4	mg/kg	0.996	0.996	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Manganese	154.	mg/kg	0.996	0.996	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Mercury	ND	mg/kg	0.098	0.098	1	4/ 2/01	14:10	Rob Hunt	7471	2803
Molybdenum	ND	mg/kg	0.996	0.996	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Nickel	7.77	mg/kg	0.996	0.996	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Selenium	ND	mg/kg	0.996	0.996	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Zinc	38.4	mg/kg	9.96	9.96	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Boron	ND	mg/kg	9.96	9.96	1	4/ 4/01	18:03	G.Robinson	6010B	3096
GENERAL CHEMISTRY PARAMETERS										
Chloride, s	ND	mg/kg	10.0	1.0	1	4/ 5/01	21:45	G. Baum	9056	4761

ND - Not detected at the report limit.

TEST AMERICA INC.
2960 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

** Original report and a copy of the chain of custody will follow by mail.

IT CORP 9906

2101 S. LOOP 250 WEST Lab Number: 01-A43602
MIDLAND, TX 79703

Sample ID: S-23 0-2' Date Collected: 3/28/01

Project: 806694 Time Collected: 16:20

Project Name: ARCO-GRIMES Date Received: 3/31/01

Sampler: CINDY CRAIN Time Received: 9:00

State Certification: Sample Type: Soil

Site I.D.:

Sample Extraction Data

Parameter	Extracted	Wt/Vol	Extract Vol	Date	Time	Analyst	Method
Texas TRPH	10.2 gm	10.0 ml		4/ 3/01		J. Rudden	TX1005/1006

Surrogate	% Recovery	Target Range
surr-a,a,a-Trifluorotoluene	107.	50. - 150.
TX1005 Surrogate	116.	71. - 134.

- Recovery outside Laboratory historical limits.

All results reported on a wet weight basis.

These results relate only to the items tested.
This report shall not be reproduced except in full and with
permission of the laboratory.

Report Approved By: _____

Report Date: 4/ 9/01

Paul E. Lane, Jr., Lab Director
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Eric S. Smith, Assistant Technical Director

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TEST AMERICA INC.
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Nashville, Tennessee 37204

ANALYTICAL REPORT

** Original report and a copy of the chain of custody will follow by mail.

IT CORP 9906

2101 S. LOOP 250 WEST
MIDLAND, TX 79703

Lab Number: 01-A43603

Sample ID: S-24 O-2'

Date Collected: 3/28/01

Project: 806694

Time Collected: 16:35

Project Name: ARCO-GRIMES

Date Received: 3/31/01

Sampler: CINDY CRAIN

Time Received: 9:00

State Certification:

Sample Type: Soil

Site I.D.:

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS										
>C6 - Cl0 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 5/01	7:50	J. Saiyasak	TX1005	4569
>C10 - C28 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 5/01	7:50	J. Saiyasak	TX1005	4569
>C28 - C35 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 5/01	7:50	J. Saiyasak	TX1005	4569
C6 - C35 Hydrocarbons	ND	mg/kg	75.0	75.0	1	4/ 5/01	7:50	J. Saiyasak	TX1005	4569
Benzene	ND	mg/kg	0.010	0.010	1	4/ 3/01	11:13	L. Lowery	8021B	4857
Ethylbenzene	ND	mg/kg	0.010	0.010	1	4/ 3/01	11:13	L. Lowery	8021B	4857
Toluene	ND	mg/kg	0.010	0.010	1	4/ 3/01	11:13	L. Lowery	8021B	4857
Xylenes, total	ND	mg/kg	0.010	0.010	1	4/ 3/01	11:13	L. Lowery	8021B	4857
METALS										
Aluminum	11600	mg/kg	9.84	9.84	1	4/ 4/01	18:03	G. Robinson	6010B	3096
Arsenic	4.13	mg/kg	0.984	0.984	1	4/ 4/01	18:03	G. Robinson	6010B	3096
Barium	153.	mg/kg	0.984	0.984	1	4/ 4/01	18:03	G. Robinson	6010B	3096
Cadmium	ND	mg/kg	0.984	0.984	1	4/ 4/01	18:03	G. Robinson	6010B	3096
Chromium	11.6	mg/kg	0.984	0.984	1	4/ 4/01	18:03	G. Robinson	6010B	3096
Iron	8390	mg/kg	9.84	9.84	1	4/ 4/01	18:03	G. Robinson	6010B	3096
Lead	13.2	mg/kg	0.984	0.984	1	4/ 4/01	18:03	G. Robinson	6010B	3096
Manganese	157.	mg/kg	0.984	0.984	1	4/ 4/01	18:03	G. Robinson	6010B	3096
Mercury	ND	mg/kg	0.099	0.099	1	4/ 2/01	14:10	Rob Hunt	7471	2803
Molybdenum	ND	mg/kg	0.984	0.984	1	4/ 4/01	18:03	G. Robinson	6010B	3096
Nickel	7.87	mg/kg	0.984	0.984	1	4/ 4/01	18:03	G. Robinson	6010B	3096
Selenium	ND	mg/kg	0.984	0.984	1	4/ 4/01	18:03	G. Robinson	6010B	3096
Zinc	43.7	mg/kg	9.84	9.84	1	4/ 4/01	18:03	G. Robinson	6010B	3096
Boron	ND	mg/kg	9.84	9.84	1	4/ 4/01	18:03	G. Robinson	6010B	3096
GENERAL CHEMISTRY PARAMETERS										
Chloride, s	14.7	mg/kg	10.0	1.0	1	4/ 5/01	21:45	G. Baum	9056	4761

ND - Not detected at the report limit.

TEST AMERICA INC.
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Nashville, Tennessee 37204

ANALYTICAL REPORT

** Original report and a copy of the chain of custody will follow by mail.

IT CORP 9906

2101 S. LOOP 250 WEST Lab Number: 01-A43603
MIDLAND, TX 79703

Sample ID: S-24 O-2' Date Collected: 3/28/01

Project: 806694 Time Collected: 16:35

Project Name: ARCO-GRIMES Date Received: 3/31/01

Sampler: CINDY CRAIN Time Received: 9:00

State Certification: Sample Type: Soil

Site I.D.:

Sample Extraction Data

Parameter	Extracted	Extract Vol	Date	Time	Analyst	Method
-----	-----	-----	-----	-----	-----	-----
Texas TRPH	10.0 gm	10.0 ml	4/ 3/01		J. Rudden	TX1005/1006

Surrogate	% Recovery	Target Range
-----	-----	-----
surr-a,a,a-Trifluorotoluene	107.	50. - 150.
TX1005 Surrogate	108.	71. - 134.

- Recovery outside Laboratory historical limits.

All results reported on a wet weight basis.

These results relate only to the items tested.
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Report Approved By: _____

Report Date: 4/ 9/01

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TEST AMERICA INC.
2960 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

** Original report and a copy of the chain of custody will follow by mail.

IT CORP 9906

2101 S. LOOP 250 WEST
MIDLAND, TX 79703

Lab Number: 01-A43604

Sample ID: S-25 0-2'

Date Collected: 3/28/01

Project: 806694

Time Collected: 16:55

Project Name: ARCO-GRIMES

Date Received: 3/31/01

Sampler: CINDY CRAIN

Time Received: 9:00

State Certification:

Sample Type: Soil

Site I.D.:

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS										
>C6 - C10 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 5/01	8:25	J.Saiyasak	TX1005	4569
>C10 - C28 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 5/01	8:25	J.Saiyasak	TX1005	4569
>C28 - C35 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 5/01	8:25	J.Saiyasak	TX1005	4569
C6 - C35 Hydrocarbons	ND	mg/kg	75.0	75.0	1	4/ 5/01	8:25	J.Saiyasak	TX1005	4569
Benzene	ND	mg/kg	0.010	0.010	1	4/ 3/01	11:44	L. Lowery	8021B	4857
Ethylbenzene	ND	mg/kg	0.010	0.010	1	4/ 3/01	11:44	L. Lowery	8021B	4857
Toluene	ND	mg/kg	0.010	0.010	1	4/ 3/01	11:44	L. Lowery	8021B	4857
Xylenes, total	ND	mg/kg	0.010	0.010	1	4/ 3/01	11:44	L. Lowery	8021B	4857
METALS										
Aluminum	11100	mg/kg	9.69	9.69	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Arsenic	3.88	mg/kg	0.969	0.969	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Barium	142.	mg/kg	0.969	0.969	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Cadmium	ND	mg/kg	0.969	0.969	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Chromium	11.4	mg/kg	0.969	0.969	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Iron	7940	mg/kg	9.69	9.69	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Lead	7.36	mg/kg	0.969	0.969	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Manganese	140.	mg/kg	0.969	0.969	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Mercury	ND	mg/kg	0.098	0.098	1	4/ 2/01	14:10	Rob Hunt	7471	2803
Molybdenum	ND	mg/kg	0.969	0.969	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Nickel	7.17	mg/kg	0.969	0.969	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Selenium	ND	mg/kg	0.969	0.969	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Zinc	36.0	mg/kg	9.69	9.69	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Boron	ND	mg/kg	9.69	9.69	1	4/ 4/01	18:03	G.Robinson	6010B	3096
GENERAL CHEMISTRY PARAMETERS										
Chloride, s	ND	mg/kg	10.0	1.0	1	4/ 5/01	21:45	G. Baun	9056	4761

ND = Not detected at the report limit.

TEST AMERICA INC.
2960 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

** Original report and a copy of the chain of custody will follow by mail.

IT CORP 9906

2101 S. LOOP 250 WEST Lab Number: 01-A43604
MIDLAND, TX 79703

Sample ID: S-25 0-2' Date Collected: 3/28/01

Project: 806694 Time Collected: 16:55

Project Name: ARCO-GRIMES Date Received: 3/31/01

Sampler: CINDY CRAIN Time Received: 9:00

State Certification: Sample Type: Soil

Site I.D.:

Sample Extraction Data

Parameter	Extracted	Extract Vol	Date	Time	Analyst	Method
Texas TRPH	10.1 gm	10.0 ml	4/ 3/01		J. Rudden	TX1005/1006

Surrogate	% Recovery	Target Range
surr-a,a,a-Trifluorotoluene	107.	50. - 150.
TX1005 Surrogate	108.	71. - 134.

- Recovery outside Laboratory historical limits.

All results reported on a wet weight basis.

These results relate only to the items tested.
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permission of the laboratory.

Report Approved By: _____

Report Date: 4/ 9/01

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TEST AMERICA INC.
2960 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

** Original report and a copy of the chain of custody will follow by mail.

IT CORP 9906

2101 S. LOOP 250 WEST
MIDLAND, TX 79703

Lab Number: 01-A43605

Sample ID: S-26 0-2'

Date Collected: 3/28/01

Project: 806694

Time Collected: 17:05

Project Name: ARCO-GRIMES

Date Received: 3/31/01

Sampler: CINDY CRAIN

Time Received: 9:00

State Certification:

Sample Type: Soil

Site I.D.:

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS										
>C6 - C10 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 5/01	9:01	J.Saiyasak	TX1005	4569
>C10 - C28 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 5/01	9:01	J.Saiyasak	TX1005	4569
>C28 - C35 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 5/01	9:01	J.Saiyasak	TX1005	4569
C6 - C35 Hydrocarbons	ND	mg/kg	75.0	75.0	1	4/ 5/01	9:01	J.Saiyasak	TX1005	4569
Benzene	ND	mg/kg	0.010	0.010	1	4/ 3/01	12:16	L. Lowery	8021B	4857
Ethylbenzene	ND	mg/kg	0.010	0.010	1	4/ 3/01	12:16	L. Lowery	8021B	4857
Toluene	ND	mg/kg	0.010	0.010	1	4/ 3/01	12:16	L. Lowery	8021B	4857
Xylenes, total	ND	mg/kg	0.010	0.010	1	4/ 3/01	12:16	L. Lowery	8021B	4857
METALS										
Aluminum	13300	mg/kg	9.80	9.80	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Arsenic	3.72	mg/kg	0.980	0.980	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Barium	154.	mg/kg	0.980	0.980	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Cadmium	ND	mg/kg	0.980	0.980	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Chromium	13.3	mg/kg	0.980	0.980	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Iron	10000	mg/kg	9.80	9.80	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Lead	12.2	mg/kg	0.980	0.980	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Manganese	245.	mg/kg	0.980	0.980	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Mercury	ND	mg/kg	0.099	0.099	1	4/ 2/01	14:10	Rob Hunt	7471	2803
Molybdenum	ND	mg/kg	0.980	0.980	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Nickel	9.22	mg/kg	0.980	0.980	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Selenium	ND	mg/kg	0.980	0.980	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Zinc	64.9	mg/kg	9.80	9.80	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Boron	ND	mg/kg	9.80	9.80	1	4/ 4/01	18:03	G.Robinson	6010B	3096
GENERAL CHEMISTRY PARAMETERS										
Chloride, s	ND	mg/kg	10.0	1.0	1	4/ 5/01	21:45	G. Baum	9056	4761

ND - Not detected at the report limit.

TEST AMERICA INC.
2960 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

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IT CORP 9906

2101 S. LOOP 250 WEST Lab Number: 01-A43605
MIDLAND, TX 79703

Sample ID: S-26 0-2' Date Collected: 3/28/01

Project: 806694 Time Collected: 17:05

Project Name: ARCO-GRIMES Date Received: 3/31/01

Sampler: CINDY CRAIN Time Received: 9:00

State Certification: Sample Type: Soil

Site I.D.:

Sample Extraction Data

Parameter	Extracted	Extract Vol	Date	Time	Analyst	Method
Texas TRPH	10.2 gm	10.0 ml	4/ 3/01		J. Rudden	TX1005/1006

Surrogate	% Recovery	Target Range
surr-a,a,a-Trifluorotoluene	107.	50. - 150.
TX1005 Surrogate	120.	71. - 134.

- Recovery outside Laboratory historical limits.

All results reported on a wet weight basis.

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Report Approved By: _____

Report Date: 4/ 9/01

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TEST AMERICA INC.
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Nashville, Tennessee 37204

ANALYTICAL REPORT

** Original report and a copy of the chain of custody will follow by mail.

IT CORP 9906

2101 S. LOOP 250 WEST
MIDLAND, TX 79703

Lab Number: 01-A43606

Sample ID: S-27 0-2'

Date Collected: 3/28/01

Project: 806694

Time Collected: 17:12

Project Name: ARCO-GRIMES

Date Received: 3/31/01

Sampler: CINDY CRAIN

Time Received: 9:00

State Certification:

Sample Type: Soil

Site I.D.:

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS										
>C6 - C10 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 5/01	11:37	J.Saiyasak	TX1005	4569
>C10 - C28 Hydrocarbons	399.	mg/kg	25.0	25.0	1	4/ 5/01	11:37	J.Saiyasak	TX1005	4569
>C28 - C35 Hydrocarbons	523.	mg/kg	25.0	25.0	1	4/ 5/01	11:37	J.Saiyasak	TX1005	4569
C6 - C35 Hydrocarbons	922.	mg/kg	75.0	75.0	1	4/ 5/01	11:37	J.Saiyasak	TX1005	4569
Benzene	ND	mg/kg	0.010	0.010	1	4/ 3/01	12:48	L. Lowery	8021B	4857
Ethylbenzene	ND	mg/kg	0.010	0.010	1	4/ 3/01	12:48	L. Lowery	8021B	4857
Toluene	ND	mg/kg	0.010	0.010	1	4/ 3/01	12:48	L. Lowery	8021B	4857
Xylenes, total	ND	mg/kg	0.010	0.010	1	4/ 3/01	12:48	L. Lowery	8021B	4857
METALS										
Aluminum	10800	mg/kg	9.92	9.92	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Arsenic	4.17	mg/kg	0.992	0.992	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Barium	136.	mg/kg	0.992	0.992	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Cadmium	ND	mg/kg	0.992	0.992	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Chromium	10.5	mg/kg	0.992	0.992	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Iron	8220	mg/kg	9.92	9.92	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Lead	8.33	mg/kg	0.992	0.992	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Manganese	148.	mg/kg	0.992	0.992	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Mercury	ND	mg/kg	0.099	0.099	1	4/ 2/01	14:10	Rob Hunt	7471	2803
Molybdenum	ND	mg/kg	0.992	0.992	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Nickel	7.34	mg/kg	0.992	0.992	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Selenium	ND	mg/kg	0.992	0.992	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Zinc	35.5	mg/kg	9.92	9.92	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Boron	ND	mg/kg	9.92	9.92	1	4/ 4/01	18:03	G.Robinson	6010B	3096
GENERAL CHEMISTRY PARAMETERS										
Chloride, s	104.	mg/kg	10.0	1.0	1	4/ 5/01	21:45	G. Baun	9056	4761

ND = Not detected at the report limit.

TEST AMERICA INC.
2960 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

** Original report and a copy of the chain of custody will follow by mail.

IT CORP 9906

2101 S. LOOP 250 WEST Lab Number: 01-A43606
MIDLAND, TX 79703

Sample ID: S-27 O-2' Date Collected: 3/28/01

Project: 806694 Time Collected: 17:12

Project Name: ARCO-GRIMES Date Received: 3/31/01

Sampler: CINDY CRAIN Time Received: 9:00

State Certification: Sample Type: Soil

Site I.D.:

Sample Extraction Data

Parameter	Wt/Vol	Extracted	Extract Vol	Date	Time	Analyst	Method
Texas TRPH	10.0 gm	10.0 ml	4/ 3/01			J. Rudden	TX1005/1006

Surrogate	% Recovery	Target Range
surr-a,a,a-Trifluorotoluene	103.	50. - 150.
TX1005 Surrogate	88.	71. - 134.

- Recovery outside Laboratory historical limits.

All results reported on a wet weight basis.

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Report Approved By: _____

Report Date: 4/ 9/01

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Glenn L. Norton, Technical Serv.
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Pamela A. Langford, Technical Serv.

TEST AMERICA INC.
2960 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

** Original report and a copy of the chain of custody will follow by mail.

IT CORP 9906

2101 S. LOOP 250 WEST
MIDLAND, TX 79703

Lab Number: 01-A43607

Sample ID: S-28 0-2'

Date Collected: 3/28/01

Project: 806694

Time Collected: 17:20

Project Name: ARCO-GRIMES

Date Received: 3/31/01

Sampler: CINDY CRAIN

Time Received: 9:00

State Certification:

Sample Type: Soil

Site I.D.:

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS										
>C6 - C10 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 5/01	12:46	J.Saiyasak	TX1005	4569
>C10 - C28 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 5/01	12:46	J.Saiyasak	TX1005	4569
>C28 - C35 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 5/01	12:46	J.Saiyasak	TX1005	4569
C6 - C35 Hydrocarbons	ND	mg/kg	75.0	75.0	1	4/ 5/01	12:46	J.Saiyasak	TX1005	4569
Benzene	ND	mg/kg	0.010	0.010	1	4/ 3/01	13:20	L. Lowery	8021B	4857
Ethylbenzene	ND	mg/kg	0.010	0.010	1	4/ 3/01	13:20	L. Lowery	8021B	4857
Toluene	ND	mg/kg	0.010	0.010	1	4/ 3/01	13:20	L. Lowery	8021B	4857
Xylenes, total	ND	mg/kg	0.010	0.010	1	4/ 3/01	13:20	L. Lowery	8021B	4857
METALS										
Aluminum	10700	mg/kg	9.77	9.77	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Arsenic	3.71	mg/kg	0.977	0.977	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Barium	132.	mg/kg	0.977	0.977	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Cadmium	ND	mg/kg	0.977	0.977	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Chromium	10.4	mg/kg	0.977	0.977	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Iron	7950	mg/kg	9.77	9.77	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Lead	7.62	mg/kg	0.977	0.977	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Manganese	150.	mg/kg	0.977	0.977	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Mercury	ND	mg/kg	0.100	0.100	1	4/ 2/01	14:10	Rob Hunt	7471	2803
Molybdenum	ND	mg/kg	0.977	0.977	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Nickel	7.23	mg/kg	0.977	0.977	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Selenium	ND	mg/kg	0.977	0.977	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Zinc	32.4	mg/kg	9.77	9.77	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Boron	ND	mg/kg	9.77	9.77	1	4/ 4/01	18:03	G.Robinson	6010B	3096
GENERAL CHEMISTRY PARAMETERS										
Chloride, s	ND	mg/kg	10.0	1.0	1	4/ 5/01	21:45	G. Baun	9056	4761

ND = Not detected at the report limit.

TEST AMERICA INC.
2960 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

** Original report and a copy of the chain of custody will follow by mail.

IT CORP 9906

2101 S. LOOP 250 WEST Lab Number: 01-A43607
MIDLAND, TX 79703

Sample ID: S-28 0-2' Date Collected: 3/28/01

Project: 806694 Time Collected: 17:20

Project Name: ARCO-GRIMES Date Received: 3/31/01

Sampler: CINDY CRAIN Time Received: 9:00

State Certification: Sample Type: Soil

Site I.D.:

Sample Extraction Data

Parameter	Extracted	Extract Vol	Date	Time	Analyst	Method
Texas TRPH	10.2 gm	10.0 ml	4/ 3/01		J. Rudden	TX1005/1006

Surrogate	% Recovery	Target Range
surr-a,a,a-Trifluorotoluene	107.	50. - 150.
TX1005 Surrogate	96.	71. - 134.

- Recovery outside Laboratory historical limits.

All results reported on a wet weight basis.

These results relate only to the items tested.
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permission of the laboratory.

Report Approved By: _____

Report Date: 4/ 9/01

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Nashville, Tennessee 37204

ANALYTICAL REPORT

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IT CORP 9906

2101 S. LOOP 250 WEST
MIDLAND, TX 79703

Lab Number: 01-A43608

Sample ID: S-29 0-2'

Date Collected: 3/28/01

Project: 806694

Time Collected: 17:28

Project Name: ARCO-GRIMES

Date Received: 3/31/01

Sampler: CINDY CRAIN

Time Received: 9:00

State Certification:

Sample Type: Soil

Site I.D.:

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS										
>C6 - Cl0 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 5/01	13:26	J.Saiyasak	TX1005	4569
>C10 - C28 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 5/01	13:26	J.Saiyasak	TX1005	4569
>C28 - C35 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 5/01	13:26	J.Saiyasak	TX1005	4569
C6 - C35 Hydrocarbons	ND	mg/kg	75.0	75.0	1	4/ 5/01	13:26	J.Saiyasak	TX1005	4569
Benzene	ND	mg/kg	0.010	0.010	1	4/ 3/01	13:52	L. Lowery	8021B	4857
Ethylbenzene	ND	mg/kg	0.010	0.010	1	4/ 3/01	13:52	L. Lowery	8021B	4857
Toluene	ND	mg/kg	0.010	0.010	1	4/ 3/01	13:52	L. Lowery	8021B	4857
Xylenes, total	ND	mg/kg	0.010	0.010	1	4/ 3/01	13:52	L. Lowery	8021B	4857
METALS										
Aluminum	10900	mg/kg	9.92	9.92	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Arsenic	3.57	mg/kg	0.992	0.992	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Barium	138.	mg/kg	0.992	0.992	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Cadmium	ND	mg/kg	0.992	0.992	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Chromium	10.7	mg/kg	0.992	0.992	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Iron	8330	mg/kg	9.92	9.92	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Lead	6.55	mg/kg	0.992	0.992	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Manganese	148.	mg/kg	0.992	0.992	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Mercury	ND	mg/kg	0.101	0.100	1	4/ 2/01	14:10	Rob Hunt	7471	2803
Molybdenum	ND	mg/kg	0.992	0.992	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Nickel	7.94	mg/kg	0.992	0.992	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Selenium	ND	mg/kg	0.992	0.992	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Zinc	26.4	mg/kg	9.92	9.92	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Boron	ND	mg/kg	9.92	9.92	1	4/ 4/01	18:03	G.Robinson	6010B	3096
GENERAL CHEMISTRY PARAMETERS										
Chloride, s	29.0	mg/kg	10.0	1.0	1	4/ 5/01	21:45	G. Baun	9056	4761

ND - Not detected at the report limit.

TEST AMERICA INC.
2960 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

** Original report and a copy of the chain of custody will follow by mail.

IT CORP 9906

2101 S. LOOP 250 WEST Lab Number: 01-A43608
MIDLAND, TX 79703

Sample ID: S-29 O-2' Date Collected: 3/28/01

Project: 806694 Time Collected: 17:28

Project Name: ARCO-GRIMES Date Received: 3/31/01

Sampler: CINDY CRAIN Time Received: 9:00

State Certification: Sample Type: Soil

Site I.D.:

Sample Extraction Data

Parameter	Extracted	Extract Vol	Date	Time	Analyst	Method
-----	-----	-----	-----	-----	-----	-----
Texas TRPH	10.1 gm	10.0 ml	4/ 3/01		J. Rudden	TX1005/1006

Surrogate	% Recovery	Target Range
-----	-----	-----
surr-a,a,a-Trifluorotoluene	103.	50. - 150.
TX1005 Surrogate	100.	71. - 134.

- Recovery outside Laboratory historical limits.

All results reported on a wet weight basis.

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Report Approved By: _____

Report Date: 4/ 9/01

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TEST AMERICA INC.
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Nashville, Tennessee 37204

ANALYTICAL REPORT

** Original report and a copy of the chain of custody will follow by mail.

IT CORP 9906

2101 S. LOOP 250 WEST
MIDLAND, TX 79703

Lab Number: 01-A43609

Sample ID: S-30 0-2'

Date Collected: 3/28/01

Project: 806694

Time Collected: 17:50

Project Name: ARCO-GRIMES

Date Received: 3/31/01

Sampler: CINDY CRAIN

Time Received: 9:00

State Certification:

Sample Type: Soil

Site I.D.:

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS										
>C6 - C10 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 5/01	14:05	J.Saiyasak	TX1005	4569
>C10 - C28 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 5/01	14:05	J.Saiyasak	TX1005	4569
>C28 - C35 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 5/01	14:05	J.Saiyasak	TX1005	4569
C6 - C35 Hydrocarbons	ND	mg/kg	75.0	75.0	1	4/ 5/01	14:05	J.Saiyasak	TX1005	4569
Benzene	ND	mg/kg	0.010	0.010	1	4/ 3/01	15:27	L. Lowery	8021B	4857
Ethylbenzene	ND	mg/kg	0.010	0.010	1	4/ 3/01	15:27	L. Lowery	8021B	4857
Toluene	ND	mg/kg	0.010	0.010	1	4/ 3/01	15:27	L. Lowery	8021B	4857
Xylenes, total	ND	mg/kg	0.010	0.010	1	4/ 3/01	15:27	L. Lowery	8021B	4857
METALS										
Aluminum	8330	mg/kg	9.77	9.77	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Arsenic	4.49	mg/kg	0.977	0.977	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Barium	279.	mg/kg	0.977	0.977	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Cadmium	ND	mg/kg	0.977	0.977	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Chromium	9.77	mg/kg	0.977	0.977	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Iron	5650	mg/kg	9.77	9.77	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Lead	10.4	mg/kg	0.977	0.977	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Manganese	103.	mg/kg	0.977	0.977	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Mercury	ND	mg/kg	0.101	0.100	1	4/ 2/01	14:10	Rob Hunt	7471	2803
Molybdenum	ND	mg/kg	0.977	0.977	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Nickel	7.03	mg/kg	0.977	0.977	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Selenium	ND	mg/kg	0.977	0.977	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Zinc	23.6	mg/kg	9.77	9.77	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Boron	ND	mg/kg	9.77	9.77	1	4/ 4/01	18:03	G.Robinson	6010B	3096
GENERAL CHEMISTRY PARAMETERS										
Chloride, s	117.	mg/kg	10.0	1.0	1	4/ 5/01	21:45	G. Baun	9056	4761

ND = Not detected at the report limit.

TEST AMERICA INC.
2960 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

** Original report and a copy of the chain of custody will follow by mail.

IT CORP 9906

2101 S. LOOP 250 WEST Lab Number: 01-A43609
MIDLAND, TX 79703

Sample ID: S-30 0-2' Date Collected: 3/28/01

Project: 806694 Time Collected: 17:50

Project Name: ARCO-GRIMES Date Received: 3/31/01

Sampler: CINDY CRAIN Time Received: 9:00

State Certification: Sample Type: Soil

Site I.D.:

Sample Extraction Data

Parameter	Extracted	Extract Vol	Date	Time	Analyst	Method
Texas TRPH	10.1 gm	10.0 ml	4/ 3/01		J. Rudden	TX1005/1006

Surrogate	% Recovery	Target Range
surr-a,a,a-Trifluorotoluene	103.	50. - 150.
TX1005 Surrogate	104.	71. - 134.

- Recovery outside Laboratory historical limits.

All results reported on a wet weight basis.

These results relate only to the items tested.
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Report Approved By: _____

Report Date: 4/ 9/01

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Nashville, Tennessee 37204

ANALYTICAL REPORT

** Original report and a copy of the chain of custody will follow by mail.

IT CORP 9906

2101 S. LOOP 250 WEST
MIDLAND, TX 79703

Lab Number: 01-A43610

Sample ID: S-31 0-2'

Date Collected: 3/28/01

Project: 806694

Time Collected: 17:35

Project Name: ARCO-GRIMES

Date Received: 3/31/01

Sampler: CINDY CRAIN

Time Received: 9:00

State Certification:

Sample Type: Soil

Site I.D.:

Analyte	Result	Units	Report Limit	Quan Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS										
>C6 - C10 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 5/01	14:45	J.Saiyasak	TX1005	4569
>C10 - C28 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 5/01	14:45	J.Saiyasak	TX1005	4569
>C28 - C35 Hydrocarbons	ND	mg/kg	25.0	25.0	1	4/ 5/01	14:45	J.Saiyasak	TX1005	4569
C6 - C35 Hydrocarbons	ND	mg/kg	75.0	75.0	1	4/ 5/01	14:45	J.Saiyasak	TX1005	4569
Benzene	ND	mg/kg	0.010	0.010	1	4/ 3/01	15:59	L. Lowery	8021B	4857
Ethylbenzene	ND	mg/kg	0.010	0.010	1	4/ 3/01	15:59	L. Lowery	8021B	4857
Toluene	ND	mg/kg	0.010	0.010	1	4/ 3/01	15:59	L. Lowery	8021B	4857
Xylenes, total	ND	mg/kg	0.010	0.010	1	4/ 3/01	15:59	L. Lowery	8021B	4857
METALS										
Aluminum	8820	mg/kg	9.86	9.86	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Arsenic	3.16	mg/kg	0.986	0.986	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Barium	171.	mg/kg	0.986	0.986	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Cadmium	ND	mg/kg	0.986	0.986	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Chromium	9.07	mg/kg	0.986	0.986	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Iron	6860	mg/kg	9.86	9.86	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Lead	6.90	mg/kg	0.986	0.986	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Manganese	130.	mg/kg	0.986	0.986	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Mercury	ND	mg/kg	0.100	0.100	1	4/ 2/01	14:10	Rob Hunt	7471	2803
Molybdenum	ND	mg/kg	0.986	0.986	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Nickel	6.11	mg/kg	0.986	0.986	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Selenium	ND	mg/kg	0.986	0.986	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Zinc	29.2	mg/kg	9.86	9.86	1	4/ 4/01	18:03	G.Robinson	6010B	3096
Boron	ND	mg/kg	9.86	9.86	1	4/ 4/01	18:03	G.Robinson	6010B	3096
GENERAL CHEMISTRY PARAMETERS										
Chloride, s	13.1	mg/kg	10.0	1.0	1	4/ 5/01	21:45	G. Baum	9056	4761

ND - Not detected at the report limit.

TEST AMERICA INC.
2960 Foster Creighton Drive
Nashville, Tennessee 37204

ANALYTICAL REPORT

** Original report and a copy of the chain of custody will follow by mail.

IT CORP 9906

2101 S. LOOP 250 WEST Lab Number: 01-A43610
MIDLAND, TX 79703

Sample ID: S-31 0-2' Date Collected: 3/28/01

Project: 806694 Time Collected: 17:35

Project Name: ARCO-GRIMES Date Received: 3/31/01

Sampler: CINDY CRAIN Time Received: 9:00

State Certification: Sample Type: Soil

Site I.D.:

Sample Extraction Data

Parameter	Wt/Vol	Extracted	Extract Vol	Date	Time	Analyst	Method
Texas TRPH	10.0 gm	10.0 ml		4/ 3/01		J. Rudden	TX1005/1006

Surrogate	% Recovery	Target Range
surr-a,a,a-Trifluorotoluene	117.	50. - 150.
TX1005 Surrogate	124.	71. - 134.

- Recovery outside Laboratory historical limits.

All results reported on a wet weight basis.

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Report Date: 4/ 9/01

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Pamela A. Langford, Technical Serv.

PROJECT QUALITY CONTROL DATA
Project Number: 806694

Matrix Spike Recovery

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sample
>C6 - C10 Hydrocarbons	mg/kg	< 25.0	435.	500.	87	70. - 130.	4568	01-A43585
>C6 - C10 Hydrocarbons	mg/kg	< 25.0	590.	500.	118	70. - 130.	4569	01-A43600
>C10 - C28 Hydrocarbons	mg/kg	< 25.0	390.	500.	78	70. - 130.	4568	01-A43585
>C10 - C28 Hydrocarbons	mg/kg	30.0	548.	500.	104	70. - 130.	4569	01-A43600
>C28 - C35 Hydrocarbons	mg/kg	< 25.0	< 25.0	500.	N/A	70. - 130.	4568	01-A43585
>C28 - C35 Hydrocarbons	mg/kg	124.	< 25.0	500.	N/A	70. - 130.	4569	01-A43600
Benzene	mg/kg	< 0.010	0.273	0.250	109	74. - 125.	4857	blank
Benzene	mg/kg	< 0.010	0.281	0.250	112	74. - 125.	3277	blank
Toluene	mg/kg	< 0.010	0.262	0.250	105	82. - 122.	4857	blank
Toluene	mg/kg	< 0.010	0.252	0.250	101	82. - 122.	3277	blank
Ethylbenzene	mg/kg	< 0.010	0.288	0.250	115	48. - 150.	4857	blank
Ethylbenzene	mg/kg	< 0.010	0.263	0.250	105	48. - 150.	3277	blank
Xylenes, total	mg/kg	< 0.010	0.538	0.500	108	75. - 121.	4857	blank
Xylenes, total	mg/kg	< 0.010	0.515	0.500	103	75. - 121.	3277	blank
Arsenic	mg/kg	3.914	22.970	20.000	95	80 - 120	3096	Duplicate
Arsenic	mg/kg	3.162	22.549	20.000	97	80 - 120	3095	Duplicate
Barium	mg/kg	285.714	641.584	400.000	89	80 - 120	3096	Duplicate
Barium	mg/kg	239.130	611.765	400.000	93	80 - 120	3095	Duplicate
Cadmium	mg/kg	< 0.978	8.515	10.000	85	80 - 120	3096	Duplicate
Cadmium	mg/kg	< 0.988	19.804	20.000	99	80 - 120	3095	Duplicate
Chromium	mg/kg	8.219	42.970	40.000	87	80 - 120	3096	Duplicate
Chromium	mg/kg	8.103	44.902	40.000	92	80 - 120	3095	Duplicate
Lead	mg/kg	3.327	95.050	100.000	92	80 - 120	3096	Duplicate
Lead	mg/kg	3.557	98.628	100.000	95	80 - 120	3095	Duplicate
Manganese	mg/kg	65.949	151.485	100.000	86	80 - 120	3096	Duplicate
Manganese	mg/kg	112.451	198.039	100.000	86	80 - 120	3095	Duplicate
Mercury	mg/kg	< 0.097	0.141	0.170	83	80 - 120	2802	01-A43594
Mercury	mg/kg	< 0.099	0.141	0.170	83	80 - 120	2803	01-A43599
Molybdenum	mg/kg	< 0.978	103.960	100.000	104	80 - 120	3096	Duplicate
Molybdenum	mg/kg	< 0.988	96.667	100.000	97	80 - 120	3095	Duplicate
Nickel	mg/kg	5.479	96.238	100.000	91	80 - 120	3096	Duplicate
Nickel	mg/kg	7.510	102.745	100.000	95	80 - 120	3095	Duplicate
Selenium	mg/kg	< 0.978	18.416	20.000	92	80 - 120	3096	Duplicate
Selenium	mg/kg	< 0.988	18.039	20.000	90	80 - 120	3095	Duplicate
Zinc	mg/kg	13.894	104.158	100.000	90	80 - 120	3096	Duplicate
Zinc	mg/kg	40.712	133.922	100.000	93	80 - 120	3095	Duplicate
Boron	mg/kg	< 9.785	205.941	200.000	103	80 - 120	3096	Duplicate
Boron	mg/kg	10.870	205.882	200.000	98	80 - 120	3095	Duplicate

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Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
>C6 - C10 Hydrocarbons	mg/kg	435.	359.	19.14	30.	4568
>C6 - C10 Hydrocarbons	mg/kg	590.	572.	3.10	30.	4569
>C10 - C28 Hydrocarbons	mg/kg	390.	302.	25.43	30.	4568
>C10 - C28 Hydrocarbons	mg/kg	548.	536.	2.21	30.	4569
>C28 - C35 Hydrocarbons	mg/kg	< 25.0	< 25.0	N/A	30.	4568
>C28 - C35 Hydrocarbons	mg/kg	< 25.0	< 25.0	N/A	30.	4569
Benzene	mg/kg	0.273	0.272	0.37	19.	4857
Benzene	mg/kg	0.281	0.266	5.48	19.	3277
Toluene	mg/kg	0.262	0.255	2.71	19.	4857
Toluene	mg/kg	0.252	0.240	4.88	19.	3277
Ethylbenzene	mg/kg	0.288	0.290	0.69	31.	4857
Ethylbenzene	mg/kg	0.263	0.252	4.27	31.	3277
Xylenes, total	mg/kg	0.538	0.538	0.00	25.	4857
Xylenes, total	mg/kg	0.515	0.486	5.79	25.	3277
Chloride, s	mg/kg	28.0	28.0	0.00	20.	3797
Aluminum	mg/kg	7669.31	7980.66	3.98	20	3096
Aluminum	mg/kg	9176.47	9281.44	1.14	20	3095
Arsenic	mg/kg	22.970	23.791	3.51	20	3096
Arsenic	mg/kg	22.549	23.154	2.65	20	3095
Barium	mg/kg	641.584	644.101	0.39	20	3096
Barium	mg/kg	611.765	620.958	1.49	20	3095
Cadmium	mg/kg	8.515	8.511	0.05	20	3096
Cadmium	mg/kg	19.804	20.160	1.78	20	3095
Chromium	mg/kg	42.970	43.134	0.38	20	3096
Chromium	mg/kg	44.902	45.509	1.34	20	3095
Iron	mg/kg	5087.13	5323.02	4.53	20	3096
Iron	mg/kg	6215.69	6287.43	1.15	20	3095
Lead	mg/kg	95.050	95.164	0.12	20	3096
Lead	mg/kg	98.628	100.000	1.38	20	3095
Manganese	mg/kg	151.485	153.578	1.37	20	3096
Manganese	mg/kg	198.039	199.601	0.79	20	3095
Mercury	mg/kg	0.141	0.137	2.88	20	2802
Mercury	mg/kg	0.141	0.151	6.85	20	2803
Molybdenum	mg/kg	103.960	105.029	1.02	20	3096
Molybdenum	mg/kg	96.667	98.403	1.78	20	3095
Nickel	mg/kg	96.238	96.132	0.11	20	3096
Nickel	mg/kg	102.745	104.192	1.40	20	3095
Selenium	mg/kg	18.416	18.375	0.22	20	3096

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Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
Selenium	mg/kg	18.039	18.363	1.78	20	3095
Zinc	mg/kg	104.158	105.222	1.02	20	3096
Zinc	mg/kg	133.922	136.926	2.22	20	3095
Boron	mg/kg	205.941	206.963	0.50	20	3096
Boron	mg/kg	205.882	209.581	1.78	20	3095

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
>C6 - C10 Hydrocarbons	mg/kg	500.	600.	120	70 - 130	4568
>C6 - C10 Hydrocarbons	mg/kg	500.	538.	108	70 - 130	4569
>C6 - C10 Hydrocarbons	mg/kg	500.	454.	91	70 - 130	6365
>C10 - C28 Hydrocarbons	mg/kg	500.	520.	104	70 - 130	4568
>C10 - C28 Hydrocarbons	mg/kg	500.	410.	82	70 - 130	4569
>C10 - C28 Hydrocarbons	mg/kg	500.	433.	87	70 - 130	6365
>C28 - C35 Hydrocarbons	mg/kg	500.	< 25.0	N/A	70 - 130	4568
>C28 - C35 Hydrocarbons	mg/kg	500.	< 25.0	N/A	70 - 130	4569
>C28 - C35 Hydrocarbons	mg/kg	500.	< 25.0	N/A	70 - 130	6365
Benzene	mg/kg	0.500	0.530	106	75 - 125	4857
Benzene	mg/kg	0.500	0.532	106	75 - 125	3277
Toluene	mg/kg	0.500	0.495	99	67 - 130	4857
Toluene	mg/kg	0.500	0.498	100	67 - 130	3277
Ethylbenzene	mg/kg	0.500	0.564	113	66 - 133	4857
Ethylbenzene	mg/kg	0.500	0.518	104	66 - 133	3277
Xylenes, total	mg/kg	1.00	1.03	103	59 - 140	4857
Xylenes, total	mg/kg	1.00	1.08	108	59 - 140	3277
Aluminum	mg/kg	400.000	364.000	91	80 - 120	3096
Aluminum	mg/kg	400.000	370.000	92	80 - 120	3095
Arsenic	mg/kg	20.000	19.600	98	75 - 125	3096
Arsenic	mg/kg	20.000	20.600	103	75 - 125	3095
Barium	mg/kg	400.000	398.000	100	75 - 125	3096
Barium	mg/kg	400.000	404.000	101	75 - 125	3095
Cadmium	mg/kg	10.000	9.200	92	75 - 125	3096
Cadmium	mg/kg	20.000	22.200	111	75 - 125	3095
Chromium	mg/kg	40.000	38.000	95	75 - 125	3096
Chromium	mg/kg	40.000	40.400	101	75 - 125	3095
Iron	mg/kg	200.000	184.000	92	80 - 120	3096

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Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
Iron	mg/kg	200.000	214.000	107	80 - 120	3095
Lead	mg/kg	100.000	91.800	92	75 - 125	3096
Lead	mg/kg	100.000	103.000	103	75 - 125	3095
Manganese	mg/kg	100.000	98.600	99	80 - 120	3096
Manganese	mg/kg	100.000	101.000	101	80 - 120	3095
Mercury	mg/kg	0.170	0.152	89	85 - 125	2802
Mercury	mg/kg	0.170	0.152	89	85 - 125	2803
Molybdenum	mg/kg	100.000	89.600	90	80 - 120	3096
Molybdenum	mg/kg	100.000	103.400	103	80 - 120	3095
Nickel	mg/kg	100.000	98.000	98	75 - 125	3096
Nickel	mg/kg	100.000	107.600	108	75 - 125	3095
Selenium	mg/kg	20.000	17.400	87	80 - 120	3096
Selenium	mg/kg	20.000	21.400	107	80 - 120	3095
Zinc	mg/kg	100.000	97.600	98	75 - 125	3096
Zinc	mg/kg	100.000	99.800	100	75 - 125	3095
Boron	mg/kg	100.000	104.800	105	80 - 120	3095
Chloride, s	mg/kg	30.0	27.9	93	90 - 110	3797
Chloride, s	mg/kg	30.0	28.7	96	90 - 110	4761

Blank Data

Analyte	Blank Value	Units	Q.C. Batch
>C6 - C10 Hydrocarbons	< 25.0	mg/kg	4568
>C6 - C10 Hydrocarbons	< 25.0	mg/kg	4569
>C6 - C10 Hydrocarbons	< 25.0	mg/kg	6365
>C10 - C28 Hydrocarbons	< 25.0	mg/kg	4568
>C10 - C28 Hydrocarbons	< 25.0	mg/kg	4569
>C10 - C28 Hydrocarbons	< 25.0	mg/kg	6365
>C28 - C35 Hydrocarbons	< 25.0	mg/kg	4568
>C28 - C35 Hydrocarbons	< 25.0	mg/kg	4569
>C28 - C35 Hydrocarbons	< 25.0	mg/kg	6365
C6 - C35 Hydrocarbons	< 75.0	mg/kg	4568
C6 - C35 Hydrocarbons	< 75.0	mg/kg	4569
C6 - C35 Hydrocarbons	< 75.0	mg/kg	6365
Benzene	< 0.010	mg/kg	4857
Benzene	< 0.010	mg/kg	3277
Toluene	< 0.010	mg/kg	4857

PROJECT QUALITY CONTROL DATA

Project Number: 806694

Blank Data

Analyte	Blank Value	Units	Q.C. Batch
Toluene	< 0.010	mg/kg	3277
Ethylbenzene	< 0.010	mg/kg	4857
Ethylbenzene	< 0.010	mg/kg	3277
Xylenes, total	< 0.010	mg/kg	4857
Xylenes, total	< 0.010	mg/kg	3277
Aluminum	< 10.000	mg/kg	3096
Aluminum	< 10.000	mg/kg	3095
Arsenic	< 1.000	mg/kg	3096
Arsenic	< 1.000	mg/kg	3095
Barium	< 1.000	mg/kg	3096
Barium	< 1.000	mg/kg	3095
Cadmium	< 1.000	mg/kg	3096
Cadmium	< 1.000	mg/kg	3095
Chromium	< 1.000	mg/kg	3096
Chromium	< 1.000	mg/kg	3095
Iron	< 10.000	mg/kg	3096
Iron	< 10.000	mg/kg	3095
Lead	< 1.000	mg/kg	3096
Lead	< 1.000	mg/kg	3095
Manganese	< 1.000	mg/kg	3096
Manganese	< 1.000	mg/kg	3095
Mercury	< 0.100	mg/kg	2802
Mercury	< 0.100	mg/kg	2803
Molybdenum	< 1.000	mg/kg	3096
Molybdenum	< 1.000	mg/kg	3095
Nickel	< 1.000	mg/kg	3096
Nickel	< 1.000	mg/kg	3095
Selenium	< 1.000	mg/kg	3096
Selenium	< 1.000	mg/kg	3095
Zinc	< 10.000	mg/kg	3096
Zinc	< 10.000	mg/kg	3095
Boron	< 10.000	mg/kg	3096
Boron	< 10.000	mg/kg	3095
Chloride, s	< 10.0	mg/kg	3797
Chloride, s	< 10.0	mg/kg	4761

- Value outside Laboratory historical QC limits.