

5 May 2011
Project No. 730510602

Mr. Steve Riojas
HDR Architects
560 Mission Street, Suite 900
San Francisco, California 94105

Subject: Soil and Rock Profiling
VMU Expansion and Replacement Project
Veterans Administration Medical Center
San Francisco, California

Dear Mr. Riojas:

Treadwell & Rollo, A Langan Company is pleased to present this letter report of our results of soil and rock sampling from environmental borings located in the area to be excavated for the planned VMU Expansion and Replacement Project (Site) at the Veterans Administration (VA) Medical Center, located at 4150 Clement Street in San Francisco, California (Figure 1). We have previously performed a Preliminary Evaluation of Environmental Conditions regarding the VA's planned replacement and expansion of the current VMU, which is expected to result in the excavation of a significant volume of soil and rock. This material will require disposal off site. The purpose of the sampling was to provide a representative chemical profile of the material to be excavated that can be submitted to appropriate prospective disposal or recycling facilities.

We understand the current plans include constructing a new two-story, 11,800 square-foot VMU east of the existing water tower and Verizon Telecommunications equipment building (Building 28) in the area shown on Figure 2. The Site slopes downward to the northeast, east and south from an elevation of approximately 352 feet at Building 28 to a lowest elevation of approximately 340 feet at the eastern and southern Site boundaries. The finished floor elevation of the new building will be approximately this lowest elevation, which will entail excavation of up to 12 feet of soil and rock near Building 28. Geotechnical soil borings advanced at the Site by Treadwell & Rollo in July 2010 found sandstone and shale bedrock at depths of 2.0 to 4.5 feet below the ground surface (bgs).

As a result of the presence of elevated concentrations of polychlorinated biphenyls, which were found at depths up to 15 feet bgs at the New Emergency Building near Buildings 2 and 200, Treadwell & Rollo advanced five soil borings across the Site (Figure 2) to the depths of the planned excavation using a track-mounted combination hollow-stem-auger/direct-push-technology drilling rig operated by RSI Drilling, a California C-57 licensed driller. Planned sampling at each boring location included collecting one soil sample midway between the ground surface and the soil/bedrock contact and collecting one rock sample from the underlying bedrock. The depths of the soil and/or rock samples were to be adjusted in the field by the field geologist should zones of apparent contamination be observed, based on field observations such as discoloration, odor, etc.

SAMPLE COLLECTION

On 25 March 2011, the Treadwell & Rollo field geologist met with Don Winglewich of RSI Drilling at the site to evaluate equipment access routes and potential problems. Mr. Winglewich indicated that the proposed locations EB-1 and EB-5 would not be accessible by the track mounted auger rig as the access was either blocked by aluminum conduits (EB-5) or by a narrow entryway between buildings (EB-1).

As an alternative he recommended the use of a Geoprobe 420M Hand Portable Drill Rig for advancement of borings to shallow bedrock at locations EB-1 and EB-5.

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Prior to advancement of the soil borings, a permit for the soil borings was obtained from the San Francisco Department of Public Health. Boring locations were marked and Underground Services Alert was notified seven days in advance of the planned field work. In addition, Precision Locating, a commercial utility locating service, was contracted to survey the planned locations for underground utilities.

On 1 April, 2011, the Treadwell & Rollo field geologist met with RSI Drilling to advance the five planned soil borings. Equipment on-site included a Geoprobe 6620 track-mounted drill rig and Geoprobe 420 M hand mounted drill rig. A total of five soil borings were attempted; four soil borings were advanced to refusal and one soil boring (EB-1) was terminated at a depth of two feet bgs due to the presence of thick concrete that could not be penetrated by the available drilling equipment. Sample depths were adjusted in the field by the field geologist to accommodate the depth to bedrock in the borings. No visual or olfactory evidence of contamination of soil or bedrock samples was apparent during advancement of the borings or collection of the samples.

Sample depths and soil types are found on the attached boring logs. Borings were located as shown on Figure 2, and advanced as follows:

- Boring EB-1 was attempted adjacent to the northwest corner of Building 17, using the Geoprobe 420 M hand mounted drill rig, but was abandoned at two feet bgs because of refusal against a thick concrete pad; multiple attempts to penetrate the concrete were made prior to abandoning the effort.
- Boring EB-2 was advanced southeast of Building 17 to a depth of 17 feet bgs, using the Geoprobe 6620 track-mounted drill rig, and was terminated in shale bedrock.
- Boring EB-3 was advanced to 17.5 feet bgs south of and adjacent to the east/west sidewalk midway between Building 12 and Building 17, using the Geoprobe 6620 track-mounted drill rig, and was terminated in shale bedrock.
- Boring EB-4 was advanced adjacent to a depth of 18.5 feet bgs southeast corner of Building 28, using the Geoprobe 6620 track-mounted drill rig, and was terminated in serpentinite bedrock. Because of utility obstructions this boring was advanced immediately outside the planned excavation area, but the soil and chemical results are considered representative of the soil in this area of the development site.
- Boring EB-5 was advanced to a depth of 11 feet bgs between Building 17 and Building 28, using the Geoprobe 420 M hand mounted drill rig. The boring was terminated in stiff soils due to refusal, caused by the necessity of using the smaller drilling rig in this location, so no rock sample was collected.

Borings were continuously logged during advancement (boring logs are attached). Drilling and sampling equipment was decontaminated between each sample and between each boring. Samples were collected in acetate tubes provided to the field geologist by the drillers; each sample tube was capped, sealed, labeled, placed in a chilled cooler with ice and transported under chain-of-custody procedures to

Test America Laboratories, a State of California Certified Laboratory, in Pleasanton California. Samples were analyzed for a standard list of chemicals commonly required by landfills for profiling waste for disposal.

Soil samples were collected from borings EB-2, 3, 4, and 5, at depths of 8-8.5, 8.5-9, 9-9.5, and 7-7.5 feet bgs, respectively. Soil samples were analyzed for the following list of parameters:

- Total Petroleum Hydrocarbons quantified as gasoline (TPH-g) by United States Environmental Protection Agency (EPA) Method 8260B;

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- Total Petroleum Hydrocarbons quantified as diesel (TPH-d) and motor oil (TPH-mo) by EPA Method 3510/8015M;
- Volatile Organic Compounds (VOCs) by EPA Method 8260B;
- Semivolatile Organic Compounds (SVOCs) by EPA Method 8270C;
- Polychlorinated biphenyls (PCBs) and organochlorine pesticides (OCPs) by EPA Methods 8081A and 8082;
- California Assessment Manual (CAM) 17 metals by EPA Method 6010B and 7470; and
- Naturally occurring asbestos (NOA) by Polarized Light Microscopy (PLM), EPA Method 600.

Bedrock samples were collected from borings EB-2, 3, and 4, at depths of 16-16.5, 17-17.5, and 18-18.5 feet bgs, respectively. Bedrock samples were analyzed for the following list of parameters:

- CAM 17 metals by EPA Method 6010B and 7470; and
- NOA by PLM, EPA Method 600.

SAMPLE RESULTS

Table 1 summarizes the analytical results for chemicals that were detected in the soil and rock samples. The certified laboratory report is attached to this letter. Detected chemicals included TPH-d, TPH-mo, phenol, naphthalene, 2-methylnaphthalene, phenanthrene, the pesticides aldrin and endrin aldehyde, and various metals.

To evaluate whether the soil or rock in the proposed excavation area will require management and disposal as hazardous waste, the concentrations of detected chemicals were compared to hazardous waste criteria in the California Code of Regulations Title 22, Section 66261.10 through 66261.24.

The criteria for hazardous waste include the following:

- the Total Threshold Concentration Limit (TTLC), a measure of the total chemical present in milligrams per kilogram (mg/kg)
- the Soluble Threshold Limit Concentration (STLC), a measure of the soluble fraction of the chemical present in milligrams per liter (mg/L), as determined by the California Waste Extraction Test (WET), and
- Regulatory Level (RL), a measure of the soluble fraction of the chemical present in milligrams per liter (mg/L), as specified by the Federal Toxicity Characteristic Leachate Test (TCLP).

If the total concentration, as shown on Table 1, is greater than the TTLC, the material is a hazardous waste. To evaluate whether soluble chemical testing should be performed, the WET is performed if the total concentration is greater than ten-times the STLC or the TCLP is performed if the total concentration is greater than 20-times the RL. If either the WET or TCLP is performed, the material is a hazardous waste if the result, in mg/L, is greater than the STLC (for the WET results) or the RL (for the TCLP results). The TTLC and STLC are shown on Table 1. No total chemical concentration is greater than the TTLC or ten-times the STLC (The RL was not shown, because the RL values are generally the same as the STLC values). Because of these

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TPH-d and TPH-mo do not have assigned TTLCs or STLCs. Generally, when petroleum hydrocarbons are present at a concentration of 1,000 mg/kg or greater, a toxicity testing may be performed using the methods for bioassay provided in Title 22. However, certain Class II landfills accept soil as non-hazardous waste with TPH-d and TPH-mo concentrations up to, but not equaling or exceeding, 8,000 mg/kg and 25,000 mg/kg, respectively. Since the highest detected concentrations of TPH-d and TPH-mo in the project site soil and rock are 200 mg/kg and 970 mg/kg, respectively, these concentrations do not indicate that the excavated material will be classified as a hazardous waste.

Asbestos was not detected in any samples tested, so the material will not require special handling or disposal based on asbestos content.

CONCLUSIONS

Four soil samples and three rock samples were successfully collected from four soil borings at the VMU Expansion and Replacement Project site. These samples were collected to evaluate the soil and rock to be excavated during replacement of the facility needed to be managed or disposed as hazardous waste.

The samples were analyzed for a standard suite of parameters generally required by disposal facilities to profile candidate material for disposal. The analytical results were compared to hazardous waste criteria published in the California Code of Regulations Title 22. No chemical analytical results equaled or exceeded these hazardous waste criteria, indicating that the material will not be classified as hazardous waste by the landfills and will be accepted as non-hazardous waste.

We appreciate the opportunity to assist HDR on this important project. If you have any questions, please call me at 510-874-4500 at extension 529.

Sincerely yours,
TREADWELL & ROLLO, A LANGAN COMPANY



Noel Liner, PG
Senior Staff Geologist

730510602.01 GSB



Attachments:

Table 1 – Sampling Results

Figure 1 – Site Location Map

Figure 2 – Boring Locations

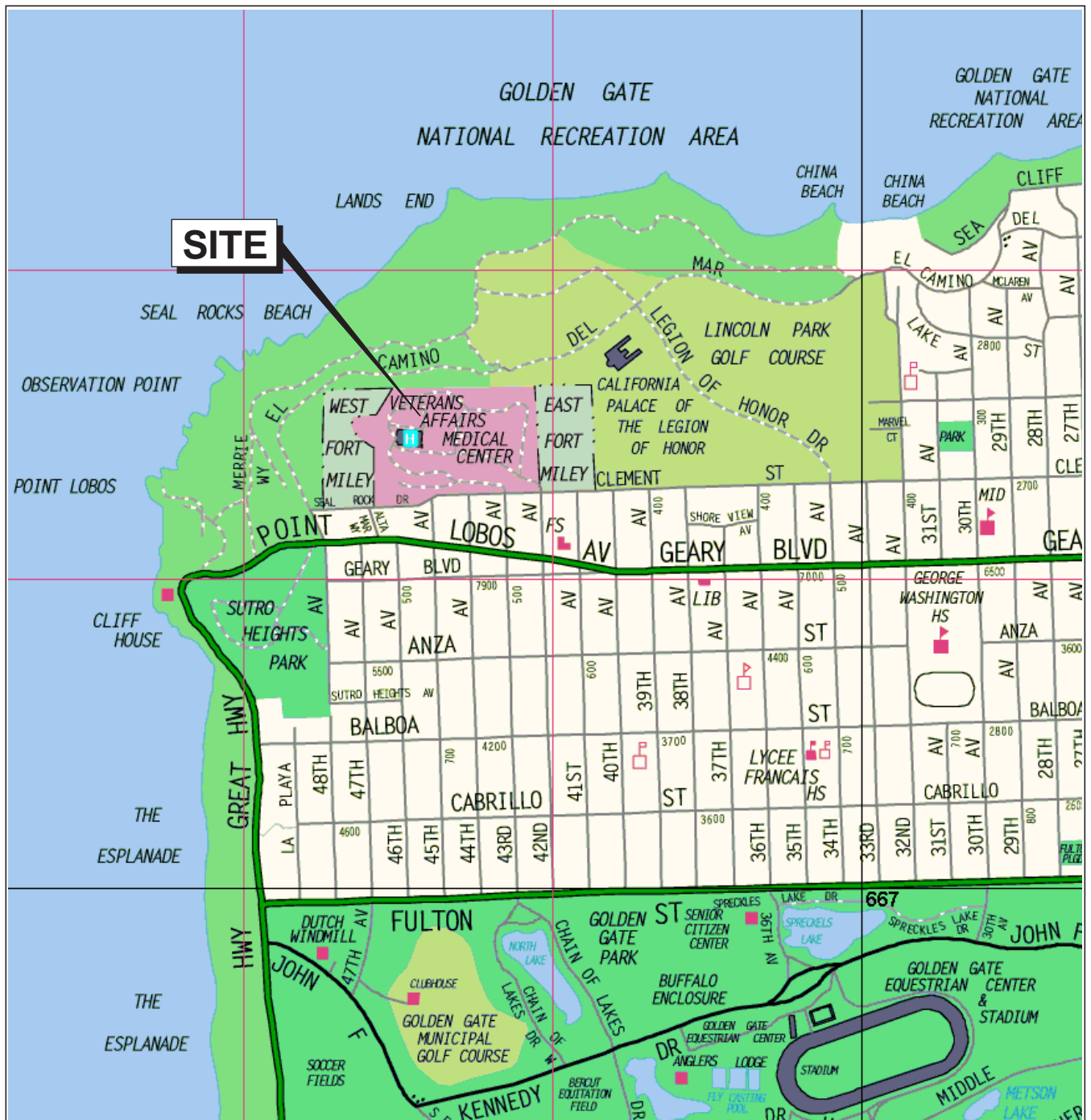
Boring Logs (on CD-ROM)

Certified Laboratory Report (on CD-ROM)

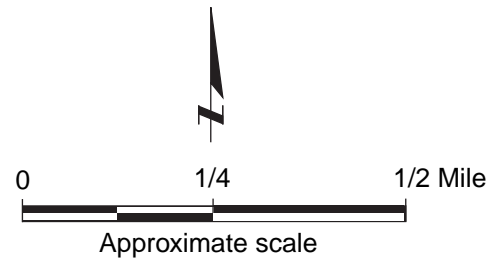
Table 1
Detected Chemicals in Soil and Rock Samples
VMU Expansion and Replacement
Veterans Administration Medical Center
San Francisco, California

Detected Analytes Concentrations (mg/kg)	EPA Method	EB-2 SFVA-SS2-8-8.5 (mg/kg)	EB-2 SFVA-BS2-16-16.5 (mg/kg)	EB-3 SFVA-SS3-8.5-9 (mg/kg)	EB-3 SFVA-BS3-17-17.5 (mg/kg)	EB-4 SFVA-SS4-9-9.5 (mg/kg)	EB-4 SFVA-BS4-18-18.5 (mg/kg)	EB-5 SFVA-SS5-7-7.5 (mg/kg)	Title 22 - TTLC Hazardous Waste Criteria (mg/kg)	Title 22 - STLC Hazardous Waste Criteria (mg/L)
Sample Matrix		Soil	Bedrock	Soil	Bedrock	Soil	Bedrock	Soil		
Sample Depth (Feet)		8-8.5	16-16.5	8.5-9	17-17.5	9-9.5	18-18.5	7-7.5		
PCB-1016	8082	<.05	--	<.049	--	<.049	--	<0.049	50	5
PCB-1221	8082	<.05	--	<.049	--	<.049	--	<0.049	50	5
PCB-1232	8082	<.05	--	<.049	--	<.049	--	<0.049	50	5
PCB-1242	8082	<.05	--	<.049	--	<.049	--	<0.049	50	5
PCB-1248	8082	<.05	--	<.049	--	<.049	--	<0.049	50	5
PCB-1254	8082	<.05	--	<.049	--	<.049	--	<0.049	50	5
PCB-1260	8082	<.05	--	<.049	--	<.049	--	<0.049	50	5
Phenol	8270C	0.18	--	0.24	--	0.38	--	<.013	N/A	N/A
Napthalene	8270C	0.08	--	<0.066	--	<0.067	--	<.013	N/A	N/A
2-Methylnapthalene	8270C	0.34	--	<0.066	--	<0.067	--	<.013	N/A	N/A
Phenanthrene	8270C	0.36	--	<0.066	--	<0.067	--	<.013	N/A	N/A
TPHd	8015B	38	--	8	--	2.2	--	200	N/A	N/A
TPHmo	8015B	<50	--	<50	--	<50	--	970	N/A	N/A
Aldrin	8081A	0.0069	--	<0.002	--	<0.002	--	<.004	1.4	0.14
Endrin Aldehyde	8081A	0.0042	--	<0.002	--	<0.002	--	<.004	0.2	0.02
Arsenic	6010B	7.5	10	4.5	9.3	10	<4.0	6.4	500	5
Barium	6010B	33	40	550	16	52	170	240	10,000	100
Beryllium	6010B	0.37	0.58	<0.34	<0.34	<0.33	<0.40	<0.38	75	0.75
Chromium	6010B	160	29	31	100	440	8.9	42	2,500	5 (560)
Cobalt	6010B	20	8.5	13	19	28	37	11	8,000	80
Copper	6010B	38	29	73	44	57	72	34	2,500	25
Lead	6010B	7.1	13	7.1	8.4	9.0	ND>2.0	23	1,000	5
Mercury	7471A	0.076	0.093	0.041	0.092	0.047	0.021	0.045	20	0.2
Molybdenum	6010B	<1.7	1.7	<1.7	<1.7	<1.7	<2.0	<1.9	3,500	350
Nickel	6010B	290	36	29	200	420	19	43	2,000	20
Thallium	6010B	<1.7	<1.7	<1.7	<1.7	2.1	4.2	<1.9	700	7
Vanadium	6010B	54	28	51	52	110	190	50	2,400	24
Zinc	6010B	57	76	68	68	69	79	55	5,000	250
Asbestos	600	ND	ND	ND	ND	ND	ND	ND	1%	N/A

Notes:
mg/kg - milligrams per kilogram; mg/L - milligrams per liter
<1.7 - Sample not detected above laboratory reported detection limits; ND - not detected (asbestos)
TTLC - Total Threshold Limit Concentration; STLC - Soluble Theshold Limit Concentration; California Code of Regulations Title 22
N/A no value established



Base map: Thomas Guide
San Francisco County
1999



SAN FRANCISCO VA VMU PROJECT
San Francisco, California

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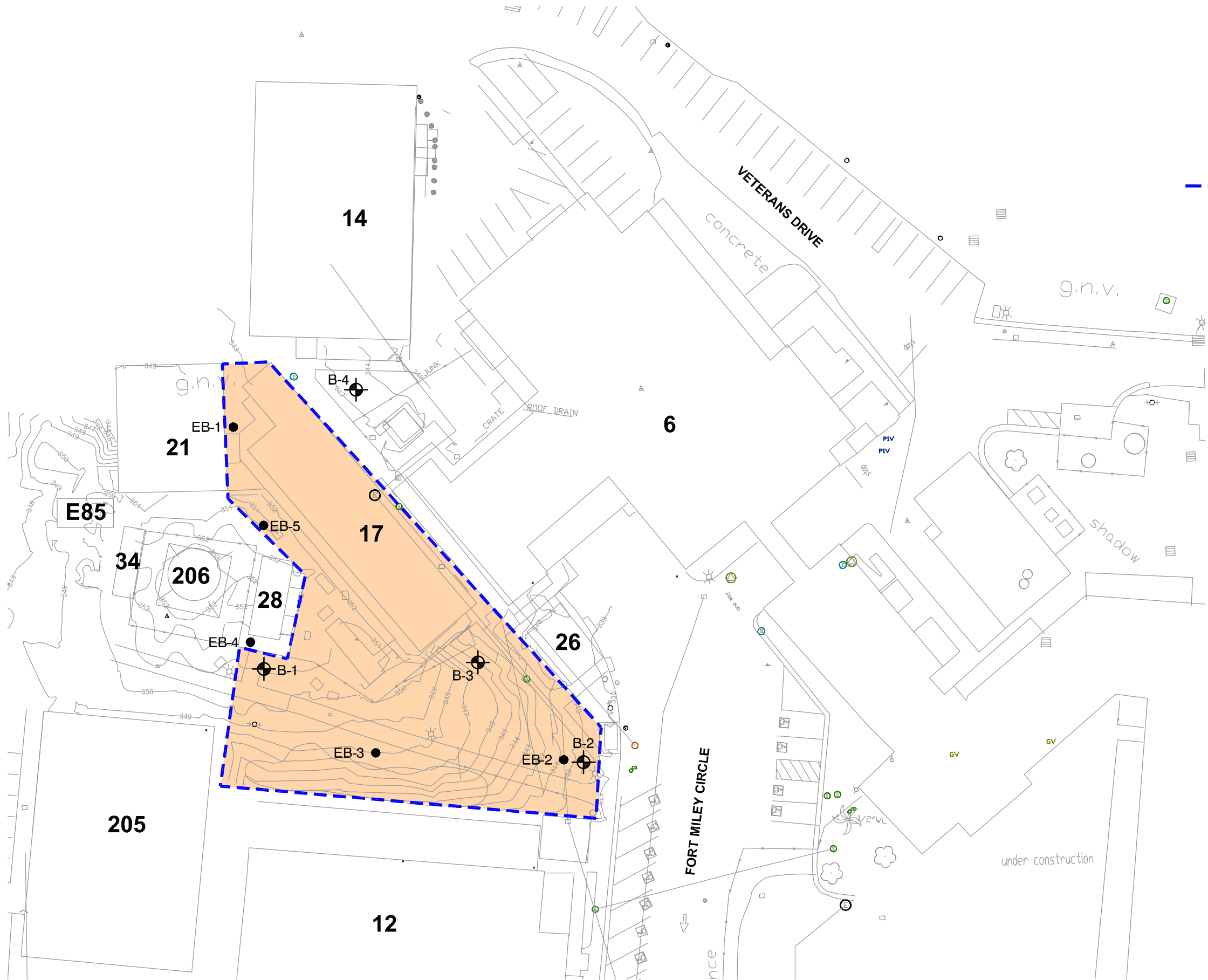
SITE LOCATION MAP

Date 05/04/11

Project No. 730510602

Figure 1

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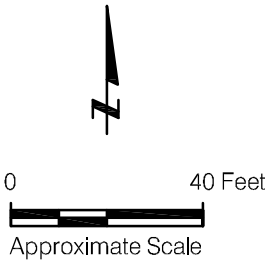


EXPLANATION

- EB-1 ● Approximate location of environmental boring Treadwell & Rollo, April 2011
- B-1 ● Approximate location of geotechnical boring by Treadwell & Rollo, Inc., 23 July 2010
- Approximate location of proposed VMU

Buildings

- 6** Library/Reasearch
- 12** Medical Research
- 14** Offices/Research
- 17** Medical Research
- 21** Medical Research
- 26** Hazardous Waste Storage
- 28** Verizon Telecommunications Equipment
- 34** Emergency Generator Fuel Tank
- 205** Steam Plant
- 206** Water Tank
- E85** Fuel Tank and Dispenser



Reference: Base map from a drawing titled "Topo.dwg", by Sandis e-mailed to Treadwell & Rollo on 5 August 2010.

SAN FRANCISCO VA VMU PROJECT San Francisco, California		
ENVIRONMENTAL BORINGS IN SOIL AND BEDROCK - APRIL 2011		
Date 04/25/11	Project No. 730510602	Figure 2
Treadwell & Rollo A LANGAN COMPANY		

PROJECT: **VETERANS AFFAIRS MEDICAL CENTER**
San Francisco, California

Log of Boring EB-1

PAGE 1 OF 1

Boring location: See Site Plan, Figure 2

Date started: 4/1/11

Date finished: 4/1/11

Drilling method: Direct Push - Geoprobe 420 M

Logged by: N. Liner

Drilled By: RSI

Coordinates: Northing: 37.78307
Easting: -122.50621

Hammer weight/drop: NA

Hammer type: NA

Sampler: Continuous

DEPTH (feet)	SAMPLES					OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
	Sample Number	Sample	Blow Count	Recovery (Inches)				
1							SM	SANDY LOAM (SM) very dark brown (10YR 2/2), loose, moist, abundant organics, no odor
2								refusal at 2-feet, concrete pad
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								

Boring terminated at a depth of 2 feet.
Boring backfilled with soil cuttings.

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Project No.:
730510602

Figure:
A-1

TEST ENVIRONMENTAL INCHES 730510602.GPJ T&R.GDT 4/6/11

PROJECT: **VETERANS AFFAIRS MEDICAL CENTER**
San Francisco, California

Log of Boring EB-2

PAGE 1 OF 1

Boring location: See Site Plan, Figure 2

Date started: 4/1/11

Date finished: 4/1/11

Drilling method: Direct Push - Geoprobe 6620

Logged by: N. Liner

Drilled By: RSI

Coordinates: Northing: 37.7827

Easting: -122.50587

Hammer weight/drop: NA

Hammer type: NA

Sampler: Continuous

DEPTH (feet)	SAMPLES				OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
	Sample Number	Sample	Blow Count	Recovery (Inches)			
1						SC	SANDY LOAM (SC) dark brown (10YR 3/3), loose, moist, abundant organics
2				48		SC	SILTY CLAY (SC) stiff, moist, no odor
3							
4							
5							SILTY SAND with GRAVEL (SM) yellowish brown, loose, dry, no odor
6				48		SM	
7							
8							
9							
10				48			SILTY CLAY (OL) gray, very stiff, dry, organics visible upon splitting, no odor
11						OL	
12							
13				48			
14							
15							
16				12			SHALE dark gray (10YR 3/1), hard, saturated, no odor
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

Boring terminated at a depth of 17 feet.
Boring backfilled with grout.

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Project No.:
730510602

Figure:
A-2

TEST ENVIRONMENTAL INCHES 730510602.GPJ T&R.GDT 4/6/11

PROJECT: **VETERANS AFFAIRS MEDICAL CENTER**
San Francisco, California

Log of Boring EB-3

PAGE 1 OF 1

Boring location: See Site Plan, Figure 2

Date started: 4/1/11

Date finished: 4/1/11

Drilling method: Direct Push - Geoprobe 6620

Logged by: N. Liner

Drilled By: RSI

Coordinates: Northing: 37.78272

Easting: -122.50607

Hammer weight/drop: NA

Hammer type: NA

Sampler: Continuous

DEPTH (feet)	SAMPLES				OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
	Sample Number	Sample	Blow Count	Recovery (Inches)			
1						SC	SILTY LOAM (SC) dark brown, (10YR 3/3), very loose to loose, wet, abundant organics, no odor
2				48		ML	SILTY CLAY (ML) dark yellowish brown (10YR 4/6), stiff, dry, trace fine sand, no odor
3							
4							
5							SANDY SILT with GRAVEL (ML) yellowish brown (10YR 5/9), stiff, dry, no odor
6				48		ML	
7							
8							
9							
10				48		OL	SILTY CLAY (OL) dark gray (10YR 3/1), very stiff, dry, organics visible upon splitting, no odor
11							
12							
13				48			
14							
15							
16							
17				18			SHALE with CLAY dark gray (10YR 3/1), hard, dry, no odor, some gray clay
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

Boring terminated at a depth of 17.5 feet.
Boring backfilled with grout.

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Project No.: 730510602

Figure: A-4

TEST ENVIRONMENTAL INCHES 730510602.GPJ T&R.GDT 4/6/11

PROJECT: **VETERANS AFFAIRS MEDICAL CENTER**
San Francisco, California

Log of Boring EB-4

PAGE 1 OF 1

Boring location: See Site Plan, Figure 2

Date started: 4/1/11

Date finished: 4/1/11

Drilling method: Direct Push - Geoprobe 6620

Logged by: N. Liner

Drilled By: RSI

Coordinates: Northing: 37.7838

Easting: -122.50612

Hammer weight/drop: NA

Hammer type: NA

Sampler: Continuous

DEPTH (feet)	SAMPLES				OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
	Sample Number	Sample	Blow Count	Recovery (inches)			
1						SM	SILTY SAND (SM) dark brown (10YR 3/3), loose, wet, sandy loam, no odor
2				48			
3						ML	SILT with SAND (ML) dark yellowish brown (10YR 3/4), soft, moist, fine to coarse angular gravel, no odor
4							
5							SANDY SILT with GRAVEL (ML) yellowish brown (10YR 5/8), loose, dry, no odor
6				48		ML	
7							
8							
9							
10				48			SILTY CLAY (OL) very dark gray (10YR 3/1), very stiff to hard, moist, organics visible upon splitting, no odor
11							
12							
13						OL	
14				48			
15							
16							
17				30			
18							SERPENTINITE pale green (GLE Y 1 6/2), with shale and clay
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

Boring terminated at a depth of 18.5 feet.
Boring backfilled with grout.

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Figure:
A-5

TEST ENVIRONMENTAL INCHES 730510602.GPJ T&R.GDT 4/6/11

PROJECT: **VETERANS AFFAIRS MEDICAL CENTER**
San Francisco, California

Log of Boring EB-5

PAGE 1 OF 1

Boring location: See Site Plan, Figure 2

Date started: 4/1/11

Date finished: 4/1/11

Drilling method: Direct Push - Geoprobe 420 M

Logged by: N. Liner

Drilled By: RSI

Coordinates: Northing: 37.78394
Easting: -122.50608

Hammer weight/drop: NA

Hammer type: NA

Sampler: Continuous

DEPTH (feet)	SAMPLES				OVM (ppm)	LITHOLOGY	MATERIAL DESCRIPTION
	Sample Number	Sample	Blow Count	Recovery (Inches)			
1						GM	SILTY GRAVELLY SAND (GM) very dark brown (10YR 2/2), loose, moist, organics, no odor
2				48			
3							GRAVEL (GP) gray (10YR 5/1), loose, wet, coarse gravel up to 2-inches in diameter, no odor
4						GP	no recovery
5							
6							
7				12		GM	SILTY GRAVEL (GM) very dark grayish brown (10YR 3/2), loose, moist, no odor
8							SILTY CLAY (OL) very dark gray (10YR 3/1), stiff, moist, organics visible upon splitting, no odor
9				36		OL	
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
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22							
23							
24							
25							
26							
27							
28							
29							
30							

Boring terminated at a depth of 11 feet.
Boring backfilled with grout.

Treadwell&Rollo
A LANMAN COMPANY

Project No.: 730510602

Figure: A-5

TEST ENVIRONMENTAL INCHES 730510602.GPJ T&R.GDT 4/6/11

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica San Francisco

1220 Quarry Lane

Pleasanton, CA 94566

Tel: (925)484-1919

TestAmerica Job ID: 720-34327-1

Client Project/Site: SFVA Medical Center

For:

Treadwell & Rollo

501 14th Street Third Floor

Oakland, California 94612

Attn: Grover Buhr



Authorized for release by:

04/11/2011 05:08:39 PM

Afsaneh Salimpour

Project Manager I

afsaneh.salimpour@testamericainc.com

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Qualifier Definition/Glossary

Client: Treadwell & Rollo
Project/Site: SFVA Medical Center

TestAmerica Job ID: 720-34327-1

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
X	Surrogate is outside control limits

GC Semi VOA

Qualifier	Qualifier Description
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
F	RPD of the MS and MSD exceeds the control limits

Metals

Qualifier	Qualifier Description
F	MS or MSD exceeds the control limits
F	RPD of the MS and MSD exceeds the control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis.
EPA	United States Environmental Protection Agency
ND	Not Detected above the reporting level.
MDL	Method Detection Limit
RL	Reporting Limit
RE, RE1 (etc.)	Indicates a Re-extraction or Reanalysis of the sample.
%R	Percent Recovery
RPD	Relative Percent Difference, a measure of the relative difference between two points.

Case Narrative

Client: Treadwell & Rollo
Project/Site: SFVA Medical Center

TestAmerica Job ID: 720-34327-1

Job ID: 720-34327-1

Laboratory: TestAmerica San Francisco

Narrative

Job Narrative 720-34327-1

Comments

No additional comments.

Receipt

All samples were received in good condition within temperature requirements.

GC/MS VOA

Method(s) 8260B: Internal standard responses were outside of acceptance limits for the following sample 34327-1 and 7: SFVA-SS2-8-8.5 (720-34327-1), SFVA-SS5-7-7.5 (720-34327-7). The sample(s) shows evidence of matrix interference.

No other analytical or quality issues were noted.

GC/MS Semi VOA

Method(s) 8270C: The following sample(s) was diluted due to the abundance of non-target analytes: SFVA-SS5-7-7.5 (720-34327-7). Elevated reporting limits (RLs) are provided.

Method(s) 8270C: Due to the level of dilution required for the following sample(s), surrogate recoveries are not reported: SFVA-SS5-7-7.5 (720-34327-7).

No other analytical or quality issues were noted.

GC VOA

No analytical or quality issues were noted.

GC Semi VOA

Method(s) 8015B: Due to the level of dilution required for the following sample(s), surrogate recoveries are not reported: SFVA-SS5-7-7.5 (720-34327-7).

Method(s) 8081A: The following sample(s) was diluted due to the color and appearance: SFVA-SS5-7-7.5 (720-34327-7). Elevated reporting limits (RL) are provided.

No other analytical or quality issues were noted.

Metals

Method(s) 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 89174 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method(s) 7471A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 89071 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

Organic Prep

No analytical or quality issues were noted.

Detection Summary

Client: Treadwell & Rollo
Project/Site: SFVA Medical Center

TestAmerica Job ID: 720-34327-1

Client Sample ID: SFVA-SS2-8-8.5

Lab Sample ID: 720-34327-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Phenol	0.18		0.067		mg/Kg	1		8270C	Total/NA
Naphthalene	0.080		0.067		mg/Kg	1		8270C	Total/NA
2-Methylnaphthalene	0.34		0.067		mg/Kg	1		8270C	Total/NA
Phenanthrene	0.36		0.067		mg/Kg	1		8270C	Total/NA
Diesel Range Organics [C10-C28]	38		1.0		mg/Kg	1		8015B	Total/NA
Aldrin	6.9		2.0		ug/Kg	1		8081A_ASP	Total/NA
Endrin aldehyde	4.2		2.0		ug/Kg	1		8081A_ASP	Total/NA
Arsenic	7.5		3.3		mg/Kg	4		6010B	Total/NA
Barium	33		1.7		mg/Kg	4		6010B	Total/NA
Beryllium	0.37		0.33		mg/Kg	4		6010B	Total/NA
Chromium	160		1.7		mg/Kg	4		6010B	Total/NA
Cobalt	20		0.67		mg/Kg	4		6010B	Total/NA
Copper	38		5.0		mg/Kg	4		6010B	Total/NA
Lead	7.1		1.7		mg/Kg	4		6010B	Total/NA
Nickel	290		1.7		mg/Kg	4		6010B	Total/NA
Vanadium	54		1.7		mg/Kg	4		6010B	Total/NA
Zinc	57		5.0		mg/Kg	4		6010B	Total/NA
Mercury	0.076		0.0088		mg/Kg	1		7471A	Total/NA

Client Sample ID: SFVA-BS2-16-16.5

Lab Sample ID: 720-34327-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	10		3.5		mg/Kg	4		6010B	Total/NA
Barium	40		1.7		mg/Kg	4		6010B	Total/NA
Beryllium	0.58		0.35		mg/Kg	4		6010B	Total/NA
Chromium	29		1.7		mg/Kg	4		6010B	Total/NA
Cobalt	8.5		0.70		mg/Kg	4		6010B	Total/NA
Copper	29		5.2		mg/Kg	4		6010B	Total/NA
Lead	13		1.7		mg/Kg	4		6010B	Total/NA
Molybdenum	1.7		1.7		mg/Kg	4		6010B	Total/NA
Nickel	36		1.7		mg/Kg	4		6010B	Total/NA
Vanadium	28		1.7		mg/Kg	4		6010B	Total/NA
Zinc	76		5.2		mg/Kg	4		6010B	Total/NA
Mercury	0.093		0.0098		mg/Kg	1		7471A	Total/NA

Client Sample ID: SFVA-SS3-8.5-9

Lab Sample ID: 720-34327-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Phenol	0.24		0.066		mg/Kg	1		8270C	Total/NA
Diesel Range Organics [C10-C28]	8.0		0.99		mg/Kg	1		8015B	Total/NA
Arsenic	4.5		3.4		mg/Kg	4		6010B	Total/NA
Barium	550		1.7		mg/Kg	4		6010B	Total/NA
Chromium	31		1.7		mg/Kg	4		6010B	Total/NA
Cobalt	13		0.68		mg/Kg	4		6010B	Total/NA
Copper	73		5.1		mg/Kg	4		6010B	Total/NA
Lead	7.1		1.7		mg/Kg	4		6010B	Total/NA
Nickel	29		1.7		mg/Kg	4		6010B	Total/NA
Vanadium	51		1.7		mg/Kg	4		6010B	Total/NA
Zinc	68		5.1		mg/Kg	4		6010B	Total/NA
Mercury	0.041		0.0098		mg/Kg	1		7471A	Total/NA

Client Sample ID: SFVA-BS3-17-17.5

Lab Sample ID: 720-34327-4

Detection Summary

Client: Treadwell & Rollo
Project/Site: SFVA Medical Center

TestAmerica Job ID: 720-34327-1

Client Sample ID: SFVA-BS3-17-17.5 (Continued)

Lab Sample ID: 720-34327-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	9.3		3.4		mg/Kg	4		6010B	Total/NA
Barium	16		1.7		mg/Kg	4		6010B	Total/NA
Chromium	100		1.7		mg/Kg	4		6010B	Total/NA
Cobalt	19		0.68		mg/Kg	4		6010B	Total/NA
Copper	44		5.1		mg/Kg	4		6010B	Total/NA
Lead	8.4		1.7		mg/Kg	4		6010B	Total/NA
Nickel	200		1.7		mg/Kg	4		6010B	Total/NA
Vanadium	52		1.7		mg/Kg	4		6010B	Total/NA
Zinc	68		5.1		mg/Kg	4		6010B	Total/NA
Mercury	0.092		0.0090		mg/Kg	1		7471A	Total/NA

Client Sample ID: SFVA-SS4-9-9.5

Lab Sample ID: 720-34327-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Phenol	0.38		0.067		mg/Kg	1		8270C	Total/NA
Diesel Range Organics [C10-C28]	2.2		1.0		mg/Kg	1		8015B	Total/NA
Arsenic	10		3.3		mg/Kg	4		6010B	Total/NA
Barium	52		1.7		mg/Kg	4		6010B	Total/NA
Chromium	440		1.7		mg/Kg	4		6010B	Total/NA
Cobalt	28		0.67		mg/Kg	4		6010B	Total/NA
Copper	57		5.0		mg/Kg	4		6010B	Total/NA
Lead	9.0		1.7		mg/Kg	4		6010B	Total/NA
Nickel	420		1.7		mg/Kg	4		6010B	Total/NA
Thallium	2.1		1.7		mg/Kg	4		6010B	Total/NA
Vanadium	110		1.7		mg/Kg	4		6010B	Total/NA
Zinc	69		5.0		mg/Kg	4		6010B	Total/NA
Mercury	0.047		0.0097		mg/Kg	1		7471A	Total/NA

Client Sample ID: SFVA-BS4-18-18.5

Lab Sample ID: 720-34327-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	170		2.0		mg/Kg	4		6010B	Total/NA
Chromium	8.9		2.0		mg/Kg	4		6010B	Total/NA
Cobalt	37		0.79		mg/Kg	4		6010B	Total/NA
Copper	72		5.9		mg/Kg	4		6010B	Total/NA
Nickel	19		2.0		mg/Kg	4		6010B	Total/NA
Thallium	4.2		2.0		mg/Kg	4		6010B	Total/NA
Vanadium	190		2.0		mg/Kg	4		6010B	Total/NA
Zinc	79		5.9		mg/Kg	4		6010B	Total/NA
Mercury	0.021		0.0085		mg/Kg	1		7471A	Total/NA

Client Sample ID: SFVA-SS5-7-7.5

Lab Sample ID: 720-34327-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	200		9.9		mg/Kg	10		8015B	Total/NA
Motor Oil Range Organics [C24-C36]	970		500		mg/Kg	10		8015B	Total/NA
Arsenic	6.4		3.8		mg/Kg	4		6010B	Total/NA
Barium	240		1.9		mg/Kg	4		6010B	Total/NA
Chromium	42		1.9		mg/Kg	4		6010B	Total/NA
Cobalt	11		0.76		mg/Kg	4		6010B	Total/NA
Copper	34		5.7		mg/Kg	4		6010B	Total/NA
Lead	23		1.9		mg/Kg	4		6010B	Total/NA
Nickel	43		1.9		mg/Kg	4		6010B	Total/NA
Vanadium	50		1.9		mg/Kg	4		6010B	Total/NA

TestAmerica San Francisco

Detection Summary

Client: Treadwell & Rollo
Project/Site: SFVA Medical Center

TestAmerica Job ID: 720-34327-1

Client Sample ID: SFVA-SS5-7-7.5 (Continued)

Lab Sample ID: 720-34327-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	55		5.7		mg/Kg	4		6010B	Total/NA
Mercury	0.045		0.0091		mg/Kg	1		7471A	Total/NA

Analytical Data

Client: Treadwell & Rollo
Project/Site: SFVA Medical Center

TestAmerica Job ID: 720-34327-1

Client Sample ID: SFVA-SS2-8-8.5

Lab Sample ID: 720-34327-1

Date Collected: 04/01/11 13:00

Matrix: Solid

Date Received: 04/04/11 15:45

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
Acetone	ND		48		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
Benzene	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
Dichlorobromomethane	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
Bromobenzene	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
Chlorobromomethane	ND		19		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
Bromoform	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
Bromomethane	ND		9.6		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
2-Butanone (MEK)	ND		48		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
n-Butylbenzene	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
sec-Butylbenzene	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
tert-Butylbenzene	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
Carbon disulfide	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
Carbon tetrachloride	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
Chlorobenzene	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
Chloroethane	ND		9.6		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
Chloroform	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
Chloromethane	ND		9.6		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
2-Chlorotoluene	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
4-Chlorotoluene	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
Chlorodibromomethane	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
1,2-Dichlorobenzene	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
1,3-Dichlorobenzene	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
1,4-Dichlorobenzene	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
1,3-Dichloropropane	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
1,1-Dichloropropene	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
1,2-Dibromo-3-Chloropropane	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
Ethylene Dibromide	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
Dibromomethane	ND		9.6		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
Dichlorodifluoromethane	ND		9.6		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
1,1-Dichloroethane	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
1,2-Dichloroethane	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
1,1-Dichloroethene	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
cis-1,2-Dichloroethene	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
trans-1,2-Dichloroethene	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
1,2-Dichloropropane	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
cis-1,3-Dichloropropene	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
trans-1,3-Dichloropropene	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
Ethylbenzene	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
Hexachlorobutadiene	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
2-Hexanone	ND		48		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
Isopropylbenzene	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
4-Isopropyltoluene	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
Methylene Chloride	ND		9.6		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
4-Methyl-2-pentanone (MIBK)	ND		48		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
Naphthalene	ND		9.6		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
N-Propylbenzene	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
Styrene	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
1,1,1,2-Tetrachloroethane	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
1,1,2,2-Tetrachloroethane	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 00:53	1

TestAmerica San Francisco

Analytical Data

Client: Treadwell & Rollo
Project/Site: SFVA Medical Center

TestAmerica Job ID: 720-34327-1

Client Sample ID: SFVA-SS2-8-8.5

Lab Sample ID: 720-34327-1

Date Collected: 04/01/11 13:00

Matrix: Solid

Date Received: 04/04/11 15:45

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
Toluene	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
1,2,3-Trichlorobenzene	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
1,2,4-Trichlorobenzene	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
1,1,1-Trichloroethane	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
1,1,2-Trichloroethane	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
Trichloroethene	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
Trichlorofluoromethane	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
1,2,3-Trichloropropane	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
1,2,4-Trimethylbenzene	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
1,3,5-Trimethylbenzene	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
Vinyl acetate	ND		48		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
Vinyl chloride	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
Xylenes, Total	ND		9.6		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
2,2-Dichloropropane	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 00:53	1
Gasoline Range Organics (GRO) -C5-C12	ND		240		ug/Kg		04/05/11 15:42	04/06/11 00:53	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	73		45 - 131	04/05/11 15:42	04/06/11 00:53	1
1,2-Dichloroethane-d4 (Surr)	108		60 - 140	04/05/11 15:42	04/06/11 00:53	1
Toluene-d8 (Surr)	88		58 - 140	04/05/11 15:42	04/06/11 00:53	1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	0.18		0.067		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
Bis(2-chloroethyl)ether	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
2-Chlorophenol	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
1,3-Dichlorobenzene	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
1,4-Dichlorobenzene	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
Benzyl alcohol	ND		0.17		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
1,2-Dichlorobenzene	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
2-Methylphenol	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
Methylphenol, 3 & 4	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
N-Nitrosodi-n-propylamine	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
Hexachloroethane	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
Nitrobenzene	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
Isophorone	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
2-Nitrophenol	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
2,4-Dimethylphenol	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
Bis(2-chloroethoxy)methane	ND		0.17		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
2,4-Dichlorophenol	ND		0.33		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
1,2,4-Trichlorobenzene	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
Naphthalene	0.080		0.067		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
4-Chloroaniline	ND		0.17		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
Hexachlorobutadiene	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
4-Chloro-3-methylphenol	ND		0.17		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
2-Methylnaphthalene	0.34		0.067		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
Hexachlorocyclopentadiene	ND		0.17		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
2,4,6-Trichlorophenol	ND		0.17		mg/Kg		04/06/11 14:17	04/07/11 00:35	1

TestAmerica San Francisco

Analytical Data

Client: Treadwell & Rollo
Project/Site: SFVA Medical Center

TestAmerica Job ID: 720-34327-1

Client Sample ID: SFVA-SS2-8-8.5

Lab Sample ID: 720-34327-1

Date Collected: 04/01/11 13:00

Matrix: Solid

Date Received: 04/04/11 15:45

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
2-Chloronaphthalene	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
2-Nitroaniline	ND		0.33		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
Dimethyl phthalate	ND		0.17		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
Acenaphthylene	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
3-Nitroaniline	ND		0.17		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
Acenaphthene	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
2,4-Dinitrophenol	ND		0.33		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
4-Nitrophenol	ND		0.33		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
Dibenzofuran	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
2,4-Dinitrotoluene	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
2,6-Dinitrotoluene	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
Diethyl phthalate	ND		0.17		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
4-Chlorophenyl phenyl ether	ND		0.17		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
Fluorene	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
4-Nitroaniline	ND		0.33		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
2-Methyl-4,6-dinitrophenol	ND		0.33		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
N-Nitrosodiphenylamine	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
4-Bromophenyl phenyl ether	ND		0.17		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
Hexachlorobenzene	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
Pentachlorophenol	ND		0.33		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
Phenanthrene	0.36		0.067		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
Anthracene	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
Di-n-butyl phthalate	ND		0.17		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
Fluoranthene	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
Pyrene	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
Butyl benzyl phthalate	ND		0.17		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
3,3'-Dichlorobenzidine	ND		0.17		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
Benzo[a]anthracene	ND		0.33		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
Bis(2-ethylhexyl) phthalate	ND		0.33		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
Chrysene	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
Di-n-octyl phthalate	ND		0.17		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
Benzo[b]fluoranthene	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
Benzo[a]pyrene	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
Benzo[k]fluoranthene	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
Indeno[1,2,3-cd]pyrene	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
Benzo[g,h,i]perylene	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
Benzoic acid	ND		0.33		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
Azobenzene	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 00:35	1
Dibenz(a,h)anthracene	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 00:35	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	56		21 - 98	04/06/11 14:17	04/07/11 00:35	1
2-Fluorobiphenyl	63		30 - 112	04/06/11 14:17	04/07/11 00:35	1
Terphenyl-d14	45		32 - 117	04/06/11 14:17	04/07/11 00:35	1
2-Fluorophenol	63		28 - 98	04/06/11 14:17	04/07/11 00:35	1
Phenol-d5	58		23 - 101	04/06/11 14:17	04/07/11 00:35	1
2,4,6-Tribromophenol	49		37 - 114	04/06/11 14:17	04/07/11 00:35	1

Analytical Data

Client: Treadwell & Rollo
Project/Site: SFVA Medical Center

TestAmerica Job ID: 720-34327-1

Client Sample ID: SFVA-SS2-8-8.5

Lab Sample ID: 720-34327-1

Date Collected: 04/01/11 13:00

Matrix: Solid

Date Received: 04/04/11 15:45

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	38		1.0		mg/Kg		04/06/11 15:37	04/09/11 13:04	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		04/06/11 15:37	04/09/11 13:04	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
p-Terphenyl	98		50 - 150				04/06/11 15:37	04/09/11 13:04	1

Method: 8081A_ASP - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	6.9		2.0		ug/Kg		04/05/11 18:01	04/07/11 00:32	1
Dieldrin	ND		2.0		ug/Kg		04/05/11 18:01	04/07/11 00:32	1
Endrin aldehyde	4.2		2.0		ug/Kg		04/05/11 18:01	04/07/11 00:32	1
Endrin	ND		2.0		ug/Kg		04/05/11 18:01	04/07/11 00:32	1
Endrin ketone	ND		2.0		ug/Kg		04/05/11 18:01	04/07/11 00:32	1
Heptachlor	ND		2.0		ug/Kg		04/05/11 18:01	04/07/11 00:32	1
Heptachlor epoxide	ND		2.0		ug/Kg		04/05/11 18:01	04/07/11 00:32	1
4,4'-DDT	ND		2.0		ug/Kg		04/05/11 18:01	04/07/11 00:32	1
4,4'-DDE	ND		2.0		ug/Kg		04/05/11 18:01	04/07/11 00:32	1
4,4'-DDD	ND		2.0		ug/Kg		04/05/11 18:01	04/07/11 00:32	1
Endosulfan I	ND		2.0		ug/Kg		04/05/11 18:01	04/07/11 00:32	1
Endosulfan II	ND		2.0		ug/Kg		04/05/11 18:01	04/07/11 00:32	1
alpha-BHC	ND		2.0		ug/Kg		04/05/11 18:01	04/07/11 00:32	1
beta-BHC	ND		2.0		ug/Kg		04/05/11 18:01	04/07/11 00:32	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		04/05/11 18:01	04/07/11 00:32	1
delta-BHC	ND		2.0		ug/Kg		04/05/11 18:01	04/07/11 00:32	1
Endosulfan sulfate	ND		2.0		ug/Kg		04/05/11 18:01	04/07/11 00:32	1
Toxaphene	ND		40		ug/Kg		04/05/11 18:01	04/07/11 00:32	1
Chlordane (technical)	ND		40		ug/Kg		04/05/11 18:01	04/07/11 00:32	1
alpha-Chlordane	ND		2.0		ug/Kg		04/05/11 18:01	04/07/11 00:32	1
gamma-Chlordane	ND		2.0		ug/Kg		04/05/11 18:01	04/07/11 00:32	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	55		45 - 119				04/05/11 18:01	04/07/11 00:32	1
DCB Decachlorobiphenyl	42		27 - 136				04/05/11 18:01	04/07/11 00:32	1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		04/06/11 16:53	04/07/11 19:58	1
PCB-1221	ND		50		ug/Kg		04/06/11 16:53	04/07/11 19:58	1
PCB-1232	ND		50		ug/Kg		04/06/11 16:53	04/07/11 19:58	1
PCB-1242	ND		50		ug/Kg		04/06/11 16:53	04/07/11 19:58	1
PCB-1248	ND		50		ug/Kg		04/06/11 16:53	04/07/11 19:58	1
PCB-1254	ND		50		ug/Kg		04/06/11 16:53	04/07/11 19:58	1
PCB-1260	ND		50		ug/Kg		04/06/11 16:53	04/07/11 19:58	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	64		32 - 112				04/06/11 16:53	04/07/11 19:58	1
DCB Decachlorobiphenyl	84		2 - 122				04/06/11 16:53	04/07/11 19:58	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.7		mg/Kg		04/07/11 16:05	04/08/11 13:14	4
Arsenic	7.5		3.3		mg/Kg		04/07/11 16:05	04/08/11 13:14	4

TestAmerica San Francisco

Analytical Data

Client: Treadwell & Rollo
Project/Site: SFVA Medical Center

TestAmerica Job ID: 720-34327-1

Client Sample ID: SFVA-SS2-8-8.5

Lab Sample ID: 720-34327-1

Date Collected: 04/01/11 13:00

Matrix: Solid

Date Received: 04/04/11 15:45

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	33		1.7		mg/Kg		04/07/11 16:05	04/08/11 13:14	4
Beryllium	0.37		0.33		mg/Kg		04/07/11 16:05	04/08/11 13:14	4
Cadmium	ND		0.42		mg/Kg		04/07/11 16:05	04/08/11 13:14	4
Chromium	160		1.7		mg/Kg		04/07/11 16:05	04/08/11 13:14	4
Cobalt	20		0.67		mg/Kg		04/07/11 16:05	04/08/11 13:14	4
Copper	38		5.0		mg/Kg		04/07/11 16:05	04/08/11 13:14	4
Lead	7.1		1.7		mg/Kg		04/07/11 16:05	04/08/11 13:14	4
Molybdenum	ND		1.7		mg/Kg		04/07/11 16:05	04/08/11 13:14	4
Nickel	290		1.7		mg/Kg		04/07/11 16:05	04/08/11 13:14	4
Selenium	ND		3.3		mg/Kg		04/07/11 16:05	04/08/11 13:14	4
Silver	ND		0.83		mg/Kg		04/07/11 16:05	04/08/11 13:14	4
Thallium	ND		1.7		mg/Kg		04/07/11 16:05	04/08/11 13:14	4
Vanadium	54		1.7		mg/Kg		04/07/11 16:05	04/08/11 13:14	4
Zinc	57		5.0		mg/Kg		04/07/11 16:05	04/08/11 13:14	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.076		0.0088		mg/Kg		04/06/11 14:03	04/07/11 18:17	1

Client Sample ID: SFVA-BS2-16-16.5

Lab Sample ID: 720-34327-2

Date Collected: 04/01/11 13:30

Matrix: Solid

Date Received: 04/04/11 15:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.7		mg/Kg		04/07/11 16:05	04/08/11 13:18	4
Arsenic	10		3.5		mg/Kg		04/07/11 16:05	04/08/11 13:18	4
Barium	40		1.7		mg/Kg		04/07/11 16:05	04/08/11 13:18	4
Beryllium	0.58		0.35		mg/Kg		04/07/11 16:05	04/08/11 13:18	4
Cadmium	ND		0.43		mg/Kg		04/07/11 16:05	04/08/11 13:18	4
Chromium	29		1.7		mg/Kg		04/07/11 16:05	04/08/11 13:18	4
Cobalt	8.5		0.70		mg/Kg		04/07/11 16:05	04/08/11 13:18	4
Copper	29		5.2		mg/Kg		04/07/11 16:05	04/08/11 13:18	4
Lead	13		1.7		mg/Kg		04/07/11 16:05	04/08/11 13:18	4
Molybdenum	1.7		1.7		mg/Kg		04/07/11 16:05	04/08/11 13:18	4
Nickel	36		1.7		mg/Kg		04/07/11 16:05	04/08/11 13:18	4
Selenium	ND		3.5		mg/Kg		04/07/11 16:05	04/08/11 13:18	4
Silver	ND		0.87		mg/Kg		04/07/11 16:05	04/08/11 13:18	4
Thallium	ND		1.7		mg/Kg		04/07/11 16:05	04/08/11 13:18	4
Vanadium	28		1.7		mg/Kg		04/07/11 16:05	04/08/11 13:18	4
Zinc	76		5.2		mg/Kg		04/07/11 16:05	04/08/11 13:18	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.093		0.0098		mg/Kg		04/06/11 14:03	04/07/11 18:19	1

Analytical Data

Client: Treadwell & Rollo
Project/Site: SFVA Medical Center

TestAmerica Job ID: 720-34327-1

Client Sample ID: SFVA-SS3-8.5-9

Lab Sample ID: 720-34327-3

Date Collected: 04/01/11 11:50

Matrix: Solid

Date Received: 04/04/11 15:45

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.6		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
Acetone	ND		46		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
Benzene	ND		4.6		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
Dichlorobromomethane	ND		4.6		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
Bromobenzene	ND		4.6		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
Chlorobromomethane	ND		18		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
Bromoform	ND		4.6		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
Bromomethane	ND		9.2		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
2-Butanone (MEK)	ND		46		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
n-Butylbenzene	ND		4.6		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
sec-Butylbenzene	ND		4.6		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
tert-Butylbenzene	ND		4.6		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
Carbon disulfide	ND		4.6		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
Carbon tetrachloride	ND		4.6		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
Chlorobenzene	ND		4.6		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
Chloroethane	ND		9.2		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
Chloroform	ND		4.6		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
Chloromethane	ND		9.2		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
2-Chlorotoluene	ND		4.6		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
4-Chlorotoluene	ND		4.6		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
Chlorodibromomethane	ND		4.6		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
1,2-Dichlorobenzene	ND		4.6		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
1,3-Dichlorobenzene	ND		4.6		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
1,4-Dichlorobenzene	ND		4.6		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
1,3-Dichloropropane	ND		4.6		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
1,1-Dichloropropene	ND		4.6		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
1,2-Dibromo-3-Chloropropane	ND		4.6		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
Ethylene Dibromide	ND		4.6		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
Dibromomethane	ND		9.2		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
Dichlorodifluoromethane	ND		9.2		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
1,1-Dichloroethane	ND		4.6		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
1,2-Dichloroethane	ND		4.6		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
1,1-Dichloroethene	ND		4.6		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
cis-1,2-Dichloroethene	ND		4.6		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
trans-1,2-Dichloroethene	ND		4.6		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
1,2-Dichloropropane	ND		4.6		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
cis-1,3-Dichloropropene	ND		4.6		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
trans-1,3-Dichloropropene	ND		4.6		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
Ethylbenzene	ND		4.6		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
Hexachlorobutadiene	ND		4.6		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
2-Hexanone	ND		46		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
Isopropylbenzene	ND		4.6		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
4-Isopropyltoluene	ND		4.6		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
Methylene Chloride	ND		9.2		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
4-Methyl-2-pentanone (MIBK)	ND		46		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
Naphthalene	ND		9.2		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
N-Propylbenzene	ND		4.6		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
Styrene	ND		4.6		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
1,1,1,2-Tetrachloroethane	ND		4.6		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
1,1,2,2-Tetrachloroethane	ND		4.6		ug/Kg		04/05/11 15:42	04/06/11 01:24	1

TestAmerica San Francisco

Analytical Data

Client: Treadwell & Rollo
Project/Site: SFVA Medical Center

TestAmerica Job ID: 720-34327-1

Client Sample ID: SFVA-SS3-8.5-9

Lab Sample ID: 720-34327-3

Date Collected: 04/01/11 11:50

Matrix: Solid

Date Received: 04/04/11 15:45

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		4.6		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
Toluene	ND		4.6		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
1,2,3-Trichlorobenzene	ND		4.6		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
1,2,4-Trichlorobenzene	ND		4.6		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
1,1,1-Trichloroethane	ND		4.6		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
1,1,2-Trichloroethane	ND		4.6		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
Trichloroethene	ND		4.6		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
Trichlorofluoromethane	ND		4.6		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
1,2,3-Trichloropropane	ND		4.6		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.6		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
1,2,4-Trimethylbenzene	ND		4.6		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
1,3,5-Trimethylbenzene	ND		4.6		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
Vinyl acetate	ND		46		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
Vinyl chloride	ND		4.6		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
Xylenes, Total	ND		9.2		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
2,2-Dichloropropane	ND		4.6		ug/Kg		04/05/11 15:42	04/06/11 01:24	1
Gasoline Range Organics (GRO) -C5-C12	ND		230		ug/Kg		04/05/11 15:42	04/06/11 01:24	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	81		45 - 131	04/05/11 15:42	04/06/11 01:24	1
1,2-Dichloroethane-d4 (Surr)	100		60 - 140	04/05/11 15:42	04/06/11 01:24	1
Toluene-d8 (Surr)	94		58 - 140	04/05/11 15:42	04/06/11 01:24	1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	0.24		0.066		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
Bis(2-chloroethyl)ether	ND		0.066		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
2-Chlorophenol	ND		0.066		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
1,3-Dichlorobenzene	ND		0.066		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
1,4-Dichlorobenzene	ND		0.066		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
Benzyl alcohol	ND		0.17		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
1,2-Dichlorobenzene	ND		0.066		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
2-Methylphenol	ND		0.066		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
Methylphenol, 3 & 4	ND		0.066		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
N-Nitrosodi-n-propylamine	ND		0.066		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
Hexachloroethane	ND		0.066		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
Nitrobenzene	ND		0.066		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
Isophorone	ND		0.066		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
2-Nitrophenol	ND		0.066		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
2,4-Dimethylphenol	ND		0.066		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
Bis(2-chloroethoxy)methane	ND		0.17		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
2,4-Dichlorophenol	ND		0.33		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
1,2,4-Trichlorobenzene	ND		0.066		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
Naphthalene	ND		0.066		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
4-Chloroaniline	ND		0.17		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
Hexachlorobutadiene	ND		0.066		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
4-Chloro-3-methylphenol	ND		0.17		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
2-Methylnaphthalene	ND		0.066		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
Hexachlorocyclopentadiene	ND		0.17		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
2,4,6-Trichlorophenol	ND		0.17		mg/Kg		04/06/11 14:17	04/07/11 00:59	1

TestAmerica San Francisco

Analytical Data

Client: Treadwell & Rollo
Project/Site: SFVA Medical Center

TestAmerica Job ID: 720-34327-1

Client Sample ID: SFVA-SS3-8.5-9

Lab Sample ID: 720-34327-3

Date Collected: 04/01/11 11:50

Matrix: Solid

Date Received: 04/04/11 15:45

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		0.066		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
2-Chloronaphthalene	ND		0.066		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
2-Nitroaniline	ND		0.33		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
Dimethyl phthalate	ND		0.17		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
Acenaphthylene	ND		0.066		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
3-Nitroaniline	ND		0.17		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
Acenaphthene	ND		0.066		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
2,4-Dinitrophenol	ND		0.33		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
4-Nitrophenol	ND		0.33		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
Dibenzofuran	ND		0.066		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
2,4-Dinitrotoluene	ND		0.066		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
2,6-Dinitrotoluene	ND		0.066		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
Diethyl phthalate	ND		0.17		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
4-Chlorophenyl phenyl ether	ND		0.17		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
Fluorene	ND		0.066		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
4-Nitroaniline	ND		0.33		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
2-Methyl-4,6-dinitrophenol	ND		0.33		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
N-Nitrosodiphenylamine	ND		0.066		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
4-Bromophenyl phenyl ether	ND		0.17		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
Hexachlorobenzene	ND		0.066		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
Pentachlorophenol	ND		0.33		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
Phenanthrene	ND		0.066		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
Anthracene	ND		0.066		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
Di-n-butyl phthalate	ND		0.17		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
Fluoranthene	ND		0.066		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
Pyrene	ND		0.066		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
Butyl benzyl phthalate	ND		0.17		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
3,3'-Dichlorobenzidine	ND		0.17		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
Benzo[a]anthracene	ND		0.33		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
Bis(2-ethylhexyl) phthalate	ND		0.33		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
Chrysene	ND		0.066		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
Di-n-octyl phthalate	ND		0.17		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
Benzo[b]fluoranthene	ND		0.066		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
Benzo[a]pyrene	ND		0.066		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
Benzo[k]fluoranthene	ND		0.066		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
Indeno[1,2,3-cd]pyrene	ND		0.066		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
Benzo[g,h,i]perylene	ND		0.066		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
Benzoic acid	ND		0.33		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
Azobenzene	ND		0.066		mg/Kg		04/06/11 14:17	04/07/11 00:59	1
Dibenz(a,h)anthracene	ND		0.066		mg/Kg		04/06/11 14:17	04/07/11 00:59	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	73		21 - 98	04/06/11 14:17	04/07/11 00:59	1
2-Fluorobiphenyl	82		30 - 112	04/06/11 14:17	04/07/11 00:59	1
Terphenyl-d14	81		32 - 117	04/06/11 14:17	04/07/11 00:59	1
2-Fluorophenol	74		28 - 98	04/06/11 14:17	04/07/11 00:59	1
Phenol-d5	74		23 - 101	04/06/11 14:17	04/07/11 00:59	1
2,4,6-Tribromophenol	99		37 - 114	04/06/11 14:17	04/07/11 00:59	1

Analytical Data

Client: Treadwell & Rollo
Project/Site: SFVA Medical Center

TestAmerica Job ID: 720-34327-1

Client Sample ID: SFVA-SS3-8.5-9

Lab Sample ID: 720-34327-3

Date Collected: 04/01/11 11:50

Matrix: Solid

Date Received: 04/04/11 15:45

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	8.0		0.99		mg/Kg		04/06/11 15:37	04/07/11 21:33	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		04/06/11 15:37	04/07/11 21:33	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
p-Terphenyl	102		50 - 150				04/06/11 15:37	04/07/11 21:33	1

Method: 8081A_ASP - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		04/05/11 18:01	04/07/11 00:50	1
Dieldrin	ND		2.0		ug/Kg		04/05/11 18:01	04/07/11 00:50	1
Endrin aldehyde	ND		2.0		ug/Kg		04/05/11 18:01	04/07/11 00:50	1
Endrin	ND		2.0		ug/Kg		04/05/11 18:01	04/07/11 00:50	1
Endrin ketone	ND		2.0		ug/Kg		04/05/11 18:01	04/07/11 00:50	1
Heptachlor	ND		2.0		ug/Kg		04/05/11 18:01	04/07/11 00:50	1
Heptachlor epoxide	ND		2.0		ug/Kg		04/05/11 18:01	04/07/11 00:50	1
4,4'-DDT	ND		2.0		ug/Kg		04/05/11 18:01	04/07/11 00:50	1
4,4'-DDE	ND		2.0		ug/Kg		04/05/11 18:01	04/07/11 00:50	1
4,4'-DDD	ND		2.0		ug/Kg		04/05/11 18:01	04/07/11 00:50	1
Endosulfan I	ND		2.0		ug/Kg		04/05/11 18:01	04/07/11 00:50	1
Endosulfan II	ND		2.0		ug/Kg		04/05/11 18:01	04/07/11 00:50	1
alpha-BHC	ND		2.0		ug/Kg		04/05/11 18:01	04/07/11 00:50	1
beta-BHC	ND		2.0		ug/Kg		04/05/11 18:01	04/07/11 00:50	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		04/05/11 18:01	04/07/11 00:50	1
delta-BHC	ND		2.0		ug/Kg		04/05/11 18:01	04/07/11 00:50	1
Endosulfan sulfate	ND		2.0		ug/Kg		04/05/11 18:01	04/07/11 00:50	1
Toxaphene	ND		39		ug/Kg		04/05/11 18:01	04/07/11 00:50	1
Chlordane (technical)	ND		39		ug/Kg		04/05/11 18:01	04/07/11 00:50	1
alpha-Chlordane	ND		2.0		ug/Kg		04/05/11 18:01	04/07/11 00:50	1
gamma-Chlordane	ND		2.0		ug/Kg		04/05/11 18:01	04/07/11 00:50	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	56		45 - 119				04/05/11 18:01	04/07/11 00:50	1
DCB Decachlorobiphenyl	88		27 - 136				04/05/11 18:01	04/07/11 00:50	1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49		ug/Kg		04/06/11 16:53	04/07/11 20:15	1
PCB-1221	ND		49		ug/Kg		04/06/11 16:53	04/07/11 20:15	1
PCB-1232	ND		49		ug/Kg		04/06/11 16:53	04/07/11 20:15	1
PCB-1242	ND		49		ug/Kg		04/06/11 16:53	04/07/11 20:15	1
PCB-1248	ND		49		ug/Kg		04/06/11 16:53	04/07/11 20:15	1
PCB-1254	ND		49		ug/Kg		04/06/11 16:53	04/07/11 20:15	1
PCB-1260	ND		49		ug/Kg		04/06/11 16:53	04/07/11 20:15	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	77		32 - 112				04/06/11 16:53	04/07/11 20:15	1
DCB Decachlorobiphenyl	98		2 - 122				04/06/11 16:53	04/07/11 20:15	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.7		mg/Kg		04/07/11 16:05	04/08/11 13:22	4
Arsenic	4.5		3.4		mg/Kg		04/07/11 16:05	04/08/11 13:22	4

TestAmerica San Francisco

Analytical Data

Client: Treadwell & Rollo
Project/Site: SFVA Medical Center

TestAmerica Job ID: 720-34327-1

Client Sample ID: SFVA-SS3-8.5-9

Lab Sample ID: 720-34327-3

Date Collected: 04/01/11 11:50

Matrix: Solid

Date Received: 04/04/11 15:45

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	550		1.7		mg/Kg		04/07/11 16:05	04/08/11 13:22	4
Beryllium	ND		0.34		mg/Kg		04/07/11 16:05	04/08/11 13:22	4
Cadmium	ND		0.43		mg/Kg		04/07/11 16:05	04/08/11 13:22	4
Chromium	31		1.7		mg/Kg		04/07/11 16:05	04/08/11 13:22	4
Cobalt	13		0.68		mg/Kg		04/07/11 16:05	04/08/11 13:22	4
Copper	73		5.1		mg/Kg		04/07/11 16:05	04/08/11 13:22	4
Lead	7.1		1.7		mg/Kg		04/07/11 16:05	04/08/11 13:22	4
Molybdenum	ND		1.7		mg/Kg		04/07/11 16:05	04/08/11 13:22	4
Nickel	29		1.7		mg/Kg		04/07/11 16:05	04/08/11 13:22	4
Selenium	ND		3.4		mg/Kg		04/07/11 16:05	04/08/11 13:22	4
Silver	ND		0.85		mg/Kg		04/07/11 16:05	04/08/11 13:22	4
Thallium	ND		1.7		mg/Kg		04/07/11 16:05	04/08/11 13:22	4
Vanadium	51		1.7		mg/Kg		04/07/11 16:05	04/08/11 13:22	4
Zinc	68		5.1		mg/Kg		04/07/11 16:05	04/08/11 13:22	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.041		0.0098		mg/Kg		04/06/11 14:03	04/07/11 18:22	1

Client Sample ID: SFVA-BS3-17-17.5

Lab Sample ID: 720-34327-4

Date Collected: 04/01/11 12:00

Matrix: Solid

Date Received: 04/04/11 15:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.7		mg/Kg		04/07/11 16:05	04/08/11 13:27	4
Arsenic	9.3		3.4		mg/Kg		04/07/11 16:05	04/08/11 13:27	4
Barium	16		1.7		mg/Kg		04/07/11 16:05	04/08/11 13:27	4
Beryllium	ND		0.34		mg/Kg		04/07/11 16:05	04/08/11 13:27	4
Cadmium	ND		0.43		mg/Kg		04/07/11 16:05	04/08/11 13:27	4
Chromium	100		1.7		mg/Kg		04/07/11 16:05	04/08/11 13:27	4
Cobalt	19		0.68		mg/Kg		04/07/11 16:05	04/08/11 13:27	4
Copper	44		5.1		mg/Kg		04/07/11 16:05	04/08/11 13:27	4
Lead	8.4		1.7		mg/Kg		04/07/11 16:05	04/08/11 13:27	4
Molybdenum	ND		1.7		mg/Kg		04/07/11 16:05	04/08/11 13:27	4
Nickel	200		1.7		mg/Kg		04/07/11 16:05	04/08/11 13:27	4
Selenium	ND		3.4		mg/Kg		04/07/11 16:05	04/08/11 13:27	4
Silver	ND		0.85		mg/Kg		04/07/11 16:05	04/08/11 13:27	4
Thallium	ND		1.7		mg/Kg		04/07/11 16:05	04/08/11 13:27	4
Vanadium	52		1.7		mg/Kg		04/07/11 16:05	04/08/11 13:27	4
Zinc	68		5.1		mg/Kg		04/07/11 16:05	04/08/11 13:27	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.092		0.0090		mg/Kg		04/06/11 14:03	04/07/11 18:24	1

Analytical Data

Client: Treadwell & Rollo
Project/Site: SFVA Medical Center

TestAmerica Job ID: 720-34327-1

Client Sample ID: SFVA-SS4-9-9.5

Lab Sample ID: 720-34327-5

Date Collected: 04/01/11 11:30

Matrix: Solid

Date Received: 04/04/11 15:45

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
Acetone	ND		48		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
Benzene	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
Dichlorobromomethane	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
Bromobenzene	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
Chlorobromomethane	ND		19		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
Bromoform	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
Bromomethane	ND		9.6		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
2-Butanone (MEK)	ND		48		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
n-Butylbenzene	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
sec-Butylbenzene	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
tert-Butylbenzene	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
Carbon disulfide	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
Carbon tetrachloride	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
Chlorobenzene	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
Chloroethane	ND		9.6		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
Chloroform	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
Chloromethane	ND		9.6		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
2-Chlorotoluene	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
4-Chlorotoluene	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
Chlorodibromomethane	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
1,2-Dichlorobenzene	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
1,3-Dichlorobenzene	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
1,4-Dichlorobenzene	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
1,3-Dichloropropane	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
1,1-Dichloropropene	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
1,2-Dibromo-3-Chloropropane	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
Ethylene Dibromide	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
Dibromomethane	ND		9.6		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
Dichlorodifluoromethane	ND		9.6		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
1,1-Dichloroethane	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
1,2-Dichloroethane	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
1,1-Dichloroethene	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
cis-1,2-Dichloroethene	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
trans-1,2-Dichloroethene	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
1,2-Dichloropropane	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
cis-1,3-Dichloropropene	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
trans-1,3-Dichloropropene	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
Ethylbenzene	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
Hexachlorobutadiene	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
2-Hexanone	ND		48		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
Isopropylbenzene	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
4-Isopropyltoluene	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
Methylene Chloride	ND		9.6		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
4-Methyl-2-pentanone (MIBK)	ND		48		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
Naphthalene	ND		9.6		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
N-Propylbenzene	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
Styrene	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
1,1,1,2-Tetrachloroethane	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
1,1,2,2-Tetrachloroethane	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 01:54	1

TestAmerica San Francisco

Analytical Data

Client: Treadwell & Rollo
Project/Site: SFVA Medical Center

TestAmerica Job ID: 720-34327-1

Client Sample ID: SFVA-SS4-9-9.5

Lab Sample ID: 720-34327-5

Date Collected: 04/01/11 11:30

Matrix: Solid

Date Received: 04/04/11 15:45

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
Toluene	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
1,2,3-Trichlorobenzene	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
1,2,4-Trichlorobenzene	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
1,1,1-Trichloroethane	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
1,1,2-Trichloroethane	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
Trichloroethene	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
Trichlorofluoromethane	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
1,2,3-Trichloropropane	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
1,2,4-Trimethylbenzene	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
1,3,5-Trimethylbenzene	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
Vinyl acetate	ND		48		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
Vinyl chloride	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
Xylenes, Total	ND		9.6		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
2,2-Dichloropropane	ND		4.8		ug/Kg		04/05/11 15:42	04/06/11 01:54	1
Gasoline Range Organics (GRO) -C5-C12	ND		240		ug/Kg		04/05/11 15:42	04/06/11 01:54	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	86		45 - 131	04/05/11 15:42	04/06/11 01:54	1
1,2-Dichloroethane-d4 (Surr)	110		60 - 140	04/05/11 15:42	04/06/11 01:54	1
Toluene-d8 (Surr)	93		58 - 140	04/05/11 15:42	04/06/11 01:54	1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	0.38		0.067		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
Bis(2-chloroethyl)ether	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
2-Chlorophenol	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
1,3-Dichlorobenzene	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
1,4-Dichlorobenzene	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
Benzyl alcohol	ND		0.17		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
1,2-Dichlorobenzene	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
2-Methylphenol	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
Methylphenol, 3 & 4	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
N-Nitrosodi-n-propylamine	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
Hexachloroethane	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
Nitrobenzene	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
Isophorone	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
2-Nitrophenol	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
2,4-Dimethylphenol	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
Bis(2-chloroethoxy)methane	ND		0.17		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
2,4-Dichlorophenol	ND		0.33		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
1,2,4-Trichlorobenzene	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
Naphthalene	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
4-Chloroaniline	ND		0.17		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
Hexachlorobutadiene	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
4-Chloro-3-methylphenol	ND		0.17		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
2-Methylnaphthalene	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
Hexachlorocyclopentadiene	ND		0.17		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
2,4,6-Trichlorophenol	ND		0.17		mg/Kg		04/06/11 14:17	04/07/11 01:23	1

TestAmerica San Francisco

Analytical Data

Client: Treadwell & Rollo
Project/Site: SFVA Medical Center

TestAmerica Job ID: 720-34327-1

Client Sample ID: SFVA-SS4-9-9.5

Lab Sample ID: 720-34327-5

Date Collected: 04/01/11 11:30

Matrix: Solid

Date Received: 04/04/11 15:45

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
2-Chloronaphthalene	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
2-Nitroaniline	ND		0.33		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
Dimethyl phthalate	ND		0.17		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
Acenaphthylene	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
3-Nitroaniline	ND		0.17		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
Acenaphthene	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
2,4-Dinitrophenol	ND		0.33		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
4-Nitrophenol	ND		0.33		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
Dibenzofuran	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
2,4-Dinitrotoluene	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
2,6-Dinitrotoluene	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
Diethyl phthalate	ND		0.17		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
4-Chlorophenyl phenyl ether	ND		0.17		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
Fluorene	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
4-Nitroaniline	ND		0.33		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
2-Methyl-4,6-dinitrophenol	ND		0.33		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
N-Nitrosodiphenylamine	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
4-Bromophenyl phenyl ether	ND		0.17		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
Hexachlorobenzene	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
Pentachlorophenol	ND		0.33		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
Phenanthrene	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
Anthracene	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
Di-n-butyl phthalate	ND		0.17		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
Fluoranthene	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
Pyrene	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
Butyl benzyl phthalate	ND		0.17		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
3,3'-Dichlorobenzidine	ND		0.17		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
Benzo[a]anthracene	ND		0.33		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
Bis(2-ethylhexyl) phthalate	ND		0.33		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
Chrysene	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
Di-n-octyl phthalate	ND		0.17		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
Benzo[b]fluoranthene	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
Benzo[a]pyrene	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
Benzo[k]fluoranthene	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
Indeno[1,2,3-cd]pyrene	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
Benzo[g,h,i]perylene	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
Benzoic acid	ND		0.33		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
Azobenzene	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 01:23	1
Dibenz(a,h)anthracene	ND		0.067		mg/Kg		04/06/11 14:17	04/07/11 01:23	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	73		21 - 98	04/06/11 14:17	04/07/11 01:23	1
2-Fluorobiphenyl	84		30 - 112	04/06/11 14:17	04/07/11 01:23	1
Terphenyl-d14	81		32 - 117	04/06/11 14:17	04/07/11 01:23	1
2-Fluorophenol	76		28 - 98	04/06/11 14:17	04/07/11 01:23	1
Phenol-d5	76		23 - 101	04/06/11 14:17	04/07/11 01:23	1
2,4,6-Tribromophenol	99		37 - 114	04/06/11 14:17	04/07/11 01:23	1

Analytical Data

Client: Treadwell & Rollo
Project/Site: SFVA Medical Center

TestAmerica Job ID: 720-34327-1

Client Sample ID: SFVA-SS4-9-9.5

Lab Sample ID: 720-34327-5

Date Collected: 04/01/11 11:30

Matrix: Solid

Date Received: 04/04/11 15:45

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	2.2		1.0		mg/Kg		04/06/11 15:37	04/07/11 21:57	1
Motor Oil Range Organics [C24-C36]	ND		50		mg/Kg		04/06/11 15:37	04/07/11 21:57	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
p-Terphenyl	103		50 - 150				04/06/11 15:37	04/07/11 21:57	1

Method: 8081A_ASP - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		04/05/11 18:01	04/07/11 01:08	1
Dieldrin	ND		2.0		ug/Kg		04/05/11 18:01	04/07/11 01:08	1
Endrin aldehyde	ND		2.0		ug/Kg		04/05/11 18:01	04/07/11 01:08	1
Endrin	ND		2.0		ug/Kg		04/05/11 18:01	04/07/11 01:08	1
Endrin ketone	ND		2.0		ug/Kg		04/05/11 18:01	04/07/11 01:08	1
Heptachlor	ND		2.0		ug/Kg		04/05/11 18:01	04/07/11 01:08	1
Heptachlor epoxide	ND		2.0		ug/Kg		04/05/11 18:01	04/07/11 01:08	1
4,4'-DDT	ND		2.0		ug/Kg		04/05/11 18:01	04/07/11 01:08	1
4,4'-DDE	ND		2.0		ug/Kg		04/05/11 18:01	04/07/11 01:08	1
4,4'-DDD	ND		2.0		ug/Kg		04/05/11 18:01	04/07/11 01:08	1
Endosulfan I	ND		2.0		ug/Kg		04/05/11 18:01	04/07/11 01:08	1
Endosulfan II	ND		2.0		ug/Kg		04/05/11 18:01	04/07/11 01:08	1
alpha-BHC	ND		2.0		ug/Kg		04/05/11 18:01	04/07/11 01:08	1
beta-BHC	ND		2.0		ug/Kg		04/05/11 18:01	04/07/11 01:08	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		04/05/11 18:01	04/07/11 01:08	1
delta-BHC	ND		2.0		ug/Kg		04/05/11 18:01	04/07/11 01:08	1
Endosulfan sulfate	ND		2.0		ug/Kg		04/05/11 18:01	04/07/11 01:08	1
Toxaphene	ND		40		ug/Kg		04/05/11 18:01	04/07/11 01:08	1
Chlordane (technical)	ND		40		ug/Kg		04/05/11 18:01	04/07/11 01:08	1
alpha-Chlordane	ND		2.0		ug/Kg		04/05/11 18:01	04/07/11 01:08	1
gamma-Chlordane	ND		2.0		ug/Kg		04/05/11 18:01	04/07/11 01:08	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	76		45 - 119				04/05/11 18:01	04/07/11 01:08	1
DCB Decachlorobiphenyl	87		27 - 136				04/05/11 18:01	04/07/11 01:08	1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49		ug/Kg		04/06/11 16:53	04/07/11 20:32	1
PCB-1221	ND		49		ug/Kg		04/06/11 16:53	04/07/11 20:32	1
PCB-1232	ND		49		ug/Kg		04/06/11 16:53	04/07/11 20:32	1
PCB-1242	ND		49		ug/Kg		04/06/11 16:53	04/07/11 20:32	1
PCB-1248	ND		49		ug/Kg		04/06/11 16:53	04/07/11 20:32	1
PCB-1254	ND		49		ug/Kg		04/06/11 16:53	04/07/11 20:32	1
PCB-1260	ND		49		ug/Kg		04/06/11 16:53	04/07/11 20:32	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	70		32 - 112				04/06/11 16:53	04/07/11 20:32	1
DCB Decachlorobiphenyl	71		2 - 122				04/06/11 16:53	04/07/11 20:32	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.7		mg/Kg		04/07/11 16:05	04/08/11 13:31	4
Arsenic	10		3.3		mg/Kg		04/07/11 16:05	04/08/11 13:31	4

TestAmerica San Francisco

Analytical Data

Client: Treadwell & Rollo
Project/Site: SFVA Medical Center

TestAmerica Job ID: 720-34327-1

Client Sample ID: SFVA-SS4-9-9.5

Lab Sample ID: 720-34327-5

Date Collected: 04/01/11 11:30

Matrix: Solid

Date Received: 04/04/11 15:45

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	52		1.7		mg/Kg		04/07/11 16:05	04/08/11 13:31	4
Beryllium	ND		0.33		mg/Kg		04/07/11 16:05	04/08/11 13:31	4
Cadmium	ND		0.42		mg/Kg		04/07/11 16:05	04/08/11 13:31	4
Chromium	440		1.7		mg/Kg		04/07/11 16:05	04/08/11 13:31	4
Cobalt	28		0.67		mg/Kg		04/07/11 16:05	04/08/11 13:31	4
Copper	57		5.0		mg/Kg		04/07/11 16:05	04/08/11 13:31	4
Lead	9.0		1.7		mg/Kg		04/07/11 16:05	04/08/11 13:31	4
Molybdenum	ND		1.7		mg/Kg		04/07/11 16:05	04/08/11 13:31	4
Nickel	420		1.7		mg/Kg		04/07/11 16:05	04/08/11 13:31	4
Selenium	ND		3.3		mg/Kg		04/07/11 16:05	04/08/11 13:31	4
Silver	ND		0.83		mg/Kg		04/07/11 16:05	04/08/11 13:31	4
Thallium	2.1		1.7		mg/Kg		04/07/11 16:05	04/08/11 13:31	4
Vanadium	110		1.7		mg/Kg		04/07/11 16:05	04/08/11 13:31	4
Zinc	69		5.0		mg/Kg		04/07/11 16:05	04/08/11 13:31	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.047		0.0097		mg/Kg		04/06/11 14:03	04/07/11 18:26	1

Client Sample ID: SFVA-BS4-18-18.5

Lab Sample ID: 720-34327-6

Date Collected: 04/01/11 11:40

Matrix: Solid

Date Received: 04/04/11 15:45

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.0		mg/Kg		04/07/11 16:05	04/08/11 13:35	4
Arsenic	ND		4.0		mg/Kg		04/07/11 16:05	04/08/11 13:35	4
Barium	170		2.0		mg/Kg		04/07/11 16:05	04/08/11 13:35	4
Beryllium	ND		0.40		mg/Kg		04/07/11 16:05	04/08/11 13:35	4
Cadmium	ND		0.50		mg/Kg		04/07/11 16:05	04/08/11 13:35	4
Chromium	8.9		2.0		mg/Kg		04/07/11 16:05	04/08/11 13:35	4
Cobalt	37		0.79		mg/Kg		04/07/11 16:05	04/08/11 13:35	4
Copper	72		5.9		mg/Kg		04/07/11 16:05	04/08/11 13:35	4
Lead	ND		2.0		mg/Kg		04/07/11 16:05	04/08/11 13:35	4
Molybdenum	ND		2.0		mg/Kg		04/07/11 16:05	04/08/11 13:35	4
Nickel	19		2.0		mg/Kg		04/07/11 16:05	04/08/11 13:35	4
Selenium	ND		4.0		mg/Kg		04/07/11 16:05	04/08/11 13:35	4
Silver	ND		0.99		mg/Kg		04/07/11 16:05	04/08/11 13:35	4
Thallium	4.2		2.0		mg/Kg		04/07/11 16:05	04/08/11 13:35	4
Vanadium	190		2.0		mg/Kg		04/07/11 16:05	04/08/11 13:35	4
Zinc	79		5.9		mg/Kg		04/07/11 16:05	04/08/11 13:35	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.021		0.0085		mg/Kg		04/06/11 14:03	04/07/11 18:29	1

Analytical Data

Client: Treadwell & Rollo
Project/Site: SFVA Medical Center

TestAmerica Job ID: 720-34327-1

Client Sample ID: SFVA-SS5-7-7.5

Lab Sample ID: 720-34327-7

Date Collected: 04/01/11 10:40

Matrix: Solid

Date Received: 04/04/11 15:45

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
Acetone	ND		50		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
Benzene	ND		5.0		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
Dichlorobromomethane	ND		5.0		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
Bromobenzene	ND		5.0		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
Chlorobromomethane	ND		20		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
Bromoform	ND		5.0		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
Bromomethane	ND		9.9		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
2-Butanone (MEK)	ND		50		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
n-Butylbenzene	ND		5.0		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
sec-Butylbenzene	ND		5.0		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
tert-Butylbenzene	ND		5.0		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
Carbon disulfide	ND		5.0		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
Carbon tetrachloride	ND		5.0		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
Chlorobenzene	ND		5.0		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
Chloroethane	ND		9.9		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
Chloroform	ND		5.0		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
Chloromethane	ND		9.9		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
2-Chlorotoluene	ND		5.0		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
4-Chlorotoluene	ND		5.0		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
Chlorodibromomethane	ND		5.0		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
1,3-Dichloropropane	ND		5.0		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
1,1-Dichloropropene	ND		5.0		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
Ethylene Dibromide	ND		5.0		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
Dibromomethane	ND		9.9		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
Dichlorodifluoromethane	ND		9.9		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
1,1-Dichloroethane	ND		5.0		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
1,2-Dichloroethane	ND		5.0		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
1,1-Dichloroethene	ND		5.0		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
1,2-Dichloropropane	ND		5.0		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
Ethylbenzene	ND		5.0		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
Hexachlorobutadiene	ND		5.0		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
2-Hexanone	ND		50		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
Isopropylbenzene	ND		5.0		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
4-Isopropyltoluene	ND		5.0		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
Methylene Chloride	ND		9.9		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
Naphthalene	ND		9.9		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
N-Propylbenzene	ND		5.0		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
Styrene	ND		5.0		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg		04/05/11 15:42	04/06/11 02:25	1

TestAmerica San Francisco

Analytical Data

Client: Treadwell & Rollo
Project/Site: SFVA Medical Center

TestAmerica Job ID: 720-34327-1

Client Sample ID: SFVA-SS5-7-7.5

Lab Sample ID: 720-34327-7

Date Collected: 04/01/11 10:40

Matrix: Solid

Date Received: 04/04/11 15:45

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		5.0		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
Toluene	ND		5.0		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
1,1,1-Trichloroethane	ND		5.0		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
Trichloroethene	ND		5.0		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
Trichlorofluoromethane	ND		5.0		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
1,2,3-Trichloropropane	ND		5.0		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
1,2,4-Trimethylbenzene	ND		5.0		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
1,3,5-Trimethylbenzene	ND		5.0		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
Vinyl acetate	ND		50		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
Vinyl chloride	ND		5.0		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
Xylenes, Total	ND		9.9		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
2,2-Dichloropropane	ND		5.0		ug/Kg		04/05/11 15:42	04/06/11 02:25	1
Gasoline Range Organics (GRO) -C5-C12	ND		250		ug/Kg		04/05/11 15:42	04/06/11 02:25	1

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	78		45 - 131	04/05/11 15:42	04/06/11 02:25	1
1,2-Dichloroethane-d4 (Surr)	104		60 - 140	04/05/11 15:42	04/06/11 02:25	1
Toluene-d8 (Surr)	89		58 - 140	04/05/11 15:42	04/06/11 02:25	1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		1.3		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
Bis(2-chloroethyl)ether	ND		1.3		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
2-Chlorophenol	ND		1.3		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
1,3-Dichlorobenzene	ND		1.3		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
1,4-Dichlorobenzene	ND		1.3		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
Benzyl alcohol	ND		3.4		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
1,2-Dichlorobenzene	ND		1.3		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
2-Methylphenol	ND		1.3		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
Methylphenol, 3 & 4	ND		1.3		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
N-Nitrosodi-n-propylamine	ND		1.3		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
Hexachloroethane	ND		1.3		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
Nitrobenzene	ND		1.3		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
Isophorone	ND		1.3		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
2-Nitrophenol	ND		1.3		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
2,4-Dimethylphenol	ND		1.3		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
Bis(2-chloroethoxy)methane	ND		3.4		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
2,4-Dichlorophenol	ND		6.6		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
1,2,4-Trichlorobenzene	ND		1.3		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
Naphthalene	ND		1.3		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
4-Chloroaniline	ND		3.4		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
Hexachlorobutadiene	ND		1.3		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
4-Chloro-3-methylphenol	ND		3.4		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
2-Methylnaphthalene	ND		1.3		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
Hexachlorocyclopentadiene	ND		3.4		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
2,4,6-Trichlorophenol	ND		3.4		mg/Kg		04/06/11 14:17	04/07/11 02:10	10

TestAmerica San Francisco

Analytical Data

Client: Treadwell & Rollo
Project/Site: SFVA Medical Center

TestAmerica Job ID: 720-34327-1

Client Sample ID: SFVA-SS5-7-7.5

Lab Sample ID: 720-34327-7

Date Collected: 04/01/11 10:40

Matrix: Solid

Date Received: 04/04/11 15:45

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		1.3		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
2-Chloronaphthalene	ND		1.3		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
2-Nitroaniline	ND		6.6		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
Dimethyl phthalate	ND		3.4		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
Acenaphthylene	ND		1.3		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
3-Nitroaniline	ND		3.4		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
Acenaphthene	ND		1.3		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
2,4-Dinitrophenol	ND		6.6		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
4-Nitrophenol	ND		6.6		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
Dibenzofuran	ND		1.3		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
2,4-Dinitrotoluene	ND		1.3		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
2,6-Dinitrotoluene	ND		1.3		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
Diethyl phthalate	ND		3.4		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
4-Chlorophenyl phenyl ether	ND		3.4		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
Fluorene	ND		1.3		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
4-Nitroaniline	ND		6.6		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
2-Methyl-4,6-dinitrophenol	ND		6.6		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
N-Nitrosodiphenylamine	ND		1.3		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
4-Bromophenyl phenyl ether	ND		3.4		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
Hexachlorobenzene	ND		1.3		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
Pentachlorophenol	ND		6.6		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
Phenanthrene	ND		1.3		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
Anthracene	ND		1.3		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
Di-n-butyl phthalate	ND		3.4		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
Fluoranthene	ND		1.3		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
Pyrene	ND		1.3		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
Butyl benzyl phthalate	ND		3.4		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
3,3'-Dichlorobenzidine	ND		3.4		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
Benzo[a]anthracene	ND		6.6		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
Bis(2-ethylhexyl) phthalate	ND		6.6		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
Chrysene	ND		1.3		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
Di-n-octyl phthalate	ND		3.4		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
Benzo[b]fluoranthene	ND		1.3		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
Benzo[a]pyrene	ND		1.3		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
Benzo[k]fluoranthene	ND		1.3		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
Indeno[1,2,3-cd]pyrene	ND		1.3		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
Benzo[g,h,i]perylene	ND		1.3		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
Benzoic acid	ND		6.6		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
Azobenzene	ND		1.3		mg/Kg		04/06/11 14:17	04/07/11 02:10	10
Dibenz(a,h)anthracene	ND		1.3		mg/Kg		04/06/11 14:17	04/07/11 02:10	10

Surrogate	% Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	0	X D	21 - 98	04/06/11 14:17	04/07/11 02:10	10
2-Fluorobiphenyl	0	X D	30 - 112	04/06/11 14:17	04/07/11 02:10	10
Terphenyl-d14	0	X D	32 - 117	04/06/11 14:17	04/07/11 02:10	10
2-Fluorophenol	0	X D	28 - 98	04/06/11 14:17	04/07/11 02:10	10
Phenol-d5	0	X D	23 - 101	04/06/11 14:17	04/07/11 02:10	10
2,4,6-Tribromophenol	0	X D	37 - 114	04/06/11 14:17	04/07/11 02:10	10

Analytical Data

Client: Treadwell & Rollo
Project/Site: SFVA Medical Center

TestAmerica Job ID: 720-34327-1

Client Sample ID: SFVA-SS5-7-7.5

Lab Sample ID: 720-34327-7

Date Collected: 04/01/11 10:40

Matrix: Solid

Date Received: 04/04/11 15:45

Method: 8015B - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	200		9.9		mg/Kg		04/06/11 15:37	04/07/11 22:20	10
Motor Oil Range Organics [C24-C36]	970		500		mg/Kg		04/06/11 15:37	04/07/11 22:20	10
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
p-Terphenyl	0	D	50 - 150				04/06/11 15:37	04/07/11 22:20	10

Method: 8081A_ASP - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		4.0		ug/Kg		04/05/11 18:01	04/08/11 03:21	2
Dieldrin	ND		4.0		ug/Kg		04/05/11 18:01	04/08/11 03:21	2
Endrin aldehyde	ND		4.0		ug/Kg		04/05/11 18:01	04/08/11 03:21	2
Endrin	ND		4.0		ug/Kg		04/05/11 18:01	04/08/11 03:21	2
Endrin ketone	ND		4.0		ug/Kg		04/05/11 18:01	04/08/11 03:21	2
Heptachlor	ND		4.0		ug/Kg		04/05/11 18:01	04/08/11 03:21	2
Heptachlor epoxide	ND		4.0		ug/Kg		04/05/11 18:01	04/08/11 03:21	2
4,4'-DDT	ND		4.0		ug/Kg		04/05/11 18:01	04/08/11 03:21	2
4,4'-DDE	ND		4.0		ug/Kg		04/05/11 18:01	04/08/11 03:21	2
4,4'-DDD	ND		4.0		ug/Kg		04/05/11 18:01	04/08/11 03:21	2
Endosulfan I	ND		4.0		ug/Kg		04/05/11 18:01	04/08/11 03:21	2
Endosulfan II	ND		4.0		ug/Kg		04/05/11 18:01	04/08/11 03:21	2
alpha-BHC	ND		4.0		ug/Kg		04/05/11 18:01	04/08/11 03:21	2
beta-BHC	ND		4.0		ug/Kg		04/05/11 18:01	04/08/11 03:21	2
gamma-BHC (Lindane)	ND		4.0		ug/Kg		04/05/11 18:01	04/08/11 03:21	2
delta-BHC	ND		4.0		ug/Kg		04/05/11 18:01	04/08/11 03:21	2
Endosulfan sulfate	ND		4.0		ug/Kg		04/05/11 18:01	04/08/11 03:21	2
Toxaphene	ND		79		ug/Kg		04/05/11 18:01	04/08/11 03:21	2
Chlordane (technical)	ND		79		ug/Kg		04/05/11 18:01	04/08/11 03:21	2
alpha-Chlordane	ND		4.0		ug/Kg		04/05/11 18:01	04/08/11 03:21	2
gamma-Chlordane	ND		4.0		ug/Kg		04/05/11 18:01	04/08/11 03:21	2
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	89		45 - 119				04/05/11 18:01	04/08/11 03:21	2
DCB Decachlorobiphenyl	76		27 - 136				04/05/11 18:01	04/08/11 03:21	2

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		49		ug/Kg		04/06/11 16:53	04/07/11 20:50	1
PCB-1221	ND		49		ug/Kg		04/06/11 16:53	04/07/11 20:50	1
PCB-1232	ND		49		ug/Kg		04/06/11 16:53	04/07/11 20:50	1
PCB-1242	ND		49		ug/Kg		04/06/11 16:53	04/07/11 20:50	1
PCB-1248	ND		49		ug/Kg		04/06/11 16:53	04/07/11 20:50	1
PCB-1254	ND		49		ug/Kg		04/06/11 16:53	04/07/11 20:50	1
PCB-1260	ND		49		ug/Kg		04/06/11 16:53	04/07/11 20:50	1
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	83		32 - 112				04/06/11 16:53	04/07/11 20:50	1
DCB Decachlorobiphenyl	72		2 - 122				04/06/11 16:53	04/07/11 20:50	1

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		1.9		mg/Kg		04/07/11 16:05	04/08/11 13:39	4

TestAmerica San Francisco

Analytical Data

Client: Treadwell & Rollo
Project/Site: SFVA Medical Center

TestAmerica Job ID: 720-34327-1

Client Sample ID: SFVA-SS5-7-7.5

Lab Sample ID: 720-34327-7

Date Collected: 04/01/11 10:40

Matrix: Solid

Date Received: 04/04/11 15:45

Method: 6010B - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	6.4		3.8		mg/Kg		04/07/11 16:05	04/08/11 13:39	4
Barium	240		1.9		mg/Kg		04/07/11 16:05	04/08/11 13:39	4
Beryllium	ND		0.38		mg/Kg		04/07/11 16:05	04/08/11 13:39	4
Cadmium	ND		0.48		mg/Kg		04/07/11 16:05	04/08/11 13:39	4
Chromium	42		1.9		mg/Kg		04/07/11 16:05	04/08/11 13:39	4
Cobalt	11		0.76		mg/Kg		04/07/11 16:05	04/08/11 13:39	4
Copper	34		5.7		mg/Kg		04/07/11 16:05	04/08/11 13:39	4
Lead	23		1.9		mg/Kg		04/07/11 16:05	04/08/11 13:39	4
Molybdenum	ND		1.9		mg/Kg		04/07/11 16:05	04/08/11 13:39	4
Nickel	43		1.9		mg/Kg		04/07/11 16:05	04/08/11 13:39	4
Selenium	ND		3.8		mg/Kg		04/07/11 16:05	04/08/11 13:39	4
Silver	ND		0.95		mg/Kg		04/07/11 16:05	04/08/11 13:39	4
Thallium	ND		1.9		mg/Kg		04/07/11 16:05	04/08/11 13:39	4
Vanadium	50		1.9		mg/Kg		04/07/11 16:05	04/08/11 13:39	4
Zinc	55		5.7		mg/Kg		04/07/11 16:05	04/08/11 13:39	4

Method: 7471A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.045		0.0091		mg/Kg		04/06/11 14:03	04/07/11 18:31	1

Quality Control Data

Client: Treadwell & Rollo
Project/Site: SFVA Medical Center

TestAmerica Job ID: 720-34327-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Lab Sample ID: MB 720-89045/1-A

Matrix: Solid

Analysis Batch: 89001

Client Sample ID: MB 720-89045/1-A

Prep Type: Total/NA

Prep Batch: 89045

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
Acetone	ND		50		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
Benzene	ND		5.0		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
Dichlorobromomethane	ND		5.0		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
Bromobenzene	ND		5.0		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
Chlorobromomethane	ND		20		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
Bromoform	ND		5.0		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
Bromomethane	ND		10		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
2-Butanone (MEK)	ND		50		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
n-Butylbenzene	ND		5.0		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
sec-Butylbenzene	ND		5.0		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
tert-Butylbenzene	ND		5.0		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
Carbon disulfide	ND		5.0		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
Carbon tetrachloride	ND		5.0		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
Chlorobenzene	ND		5.0		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
Chloroethane	ND		10		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
Chloroform	ND		5.0		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
Chloromethane	ND		10		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
2-Chlorotoluene	ND		5.0		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
4-Chlorotoluene	ND		5.0		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
Chlorodibromomethane	ND		5.0		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
1,3-Dichloropropane	ND		5.0		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
1,1-Dichloropropene	ND		5.0		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
1,2-Dibromo-3-Chloropropane	ND		5.0		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
Ethylene Dibromide	ND		5.0		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
Dibromomethane	ND		10		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
Dichlorodifluoromethane	ND		10		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
1,1-Dichloroethane	ND		5.0		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
1,2-Dichloroethane	ND		5.0		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
1,1-Dichloroethene	ND		5.0		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
1,2-Dichloropropane	ND		5.0		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
Ethylbenzene	ND		5.0		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
Hexachlorobutadiene	ND		5.0		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
2-Hexanone	ND		50		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
Isopropylbenzene	ND		5.0		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
4-Isopropyltoluene	ND		5.0		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
Methylene Chloride	ND		10		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
Naphthalene	ND		10		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
N-Propylbenzene	ND		5.0		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
Styrene	ND		5.0		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg		04/05/11 15:42	04/05/11 17:11	1

TestAmerica San Francisco

Quality Control Data

Client: Treadwell & Rollo
Project/Site: SFVA Medical Center

TestAmerica Job ID: 720-34327-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: MB 720-89045/1-A

Matrix: Solid

Analysis Batch: 89001

Client Sample ID: MB 720-89045/1-A

Prep Type: Total/NA

Prep Batch: 89045

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
Tetrachloroethene	ND		5.0		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
Toluene	ND		5.0		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
1,1,1-Trichloroethane	ND		5.0		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
Trichloroethene	ND		5.0		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
Trichlorofluoromethane	ND		5.0		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
1,2,3-Trichloropropane	ND		5.0		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
1,2,4-Trimethylbenzene	ND		5.0		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
1,3,5-Trimethylbenzene	ND		5.0		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
Vinyl acetate	ND		50		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
Vinyl chloride	ND		5.0		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
m-Xylene & p-Xylene	ND		5.0		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
o-Xylene	ND		5.0		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
Xylenes, Total	ND		10		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
2,2-Dichloropropane	ND		5.0		ug/Kg		04/05/11 15:42	04/05/11 17:11	1
Gasoline Range Organics (GRO) -C5-C12	ND		250		ug/Kg		04/05/11 15:42	04/05/11 17:11	1

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	92		45 - 131	04/05/11 15:42	04/05/11 17:11	1
1,2-Dichloroethane-d4 (Surr)	100		60 - 140	04/05/11 15:42	04/05/11 17:11	1
Toluene-d8 (Surr)	93		58 - 140	04/05/11 15:42	04/05/11 17:11	1

Lab Sample ID: LCS 720-89045/2-A

Matrix: Solid

Analysis Batch: 89001

Client Sample ID: LCS 720-89045/2-A

Prep Type: Total/NA

Prep Batch: 89045

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Methyl tert-butyl ether	50.0	56.6		ug/Kg		113	71 - 144
Acetone	250	273		ug/Kg		109	30 - 162
Benzene	50.0	52.6		ug/Kg		105	82 - 124
Dichlorobromomethane	50.0	52.8		ug/Kg		106	86 - 131
Bromobenzene	50.0	52.4		ug/Kg		105	88 - 120
Chlorobromomethane	50.0	49.7		ug/Kg		99	81 - 116
Bromoform	50.0	50.5		ug/Kg		101	59 - 158
Bromomethane	50.0	47.8		ug/Kg		96	59 - 132
2-Butanone (MEK)	250	273		ug/Kg		109	61 - 150
n-Butylbenzene	50.0	56.7		ug/Kg		113	80 - 142
sec-Butylbenzene	50.0	58.4		ug/Kg		117	85 - 136
tert-Butylbenzene	50.0	54.4		ug/Kg		109	71 - 130
Carbon disulfide	50.0	53.1		ug/Kg		106	60 - 136
Carbon tetrachloride	50.0	53.1		ug/Kg		106	81 - 138
Chlorobenzene	50.0	49.4		ug/Kg		99	87 - 113
Chloroethane	50.0	50.5		ug/Kg		101	69 - 141
Chloroform	50.0	50.2		ug/Kg		100	77 - 127
Chloromethane	50.0	50.6		ug/Kg		101	60 - 149

TestAmerica San Francisco

Quality Control Data

Client: Treadwell & Rollo
Project/Site: SFVA Medical Center

TestAmerica Job ID: 720-34327-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-89045/2-A

Matrix: Solid

Analysis Batch: 89001

Client Sample ID: LCS 720-89045/2-A

Prep Type: Total/NA

Prep Batch: 89045

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
2-Chlorotoluene	50.0	53.2		ug/Kg		106	80 - 138
4-Chlorotoluene	50.0	52.6		ug/Kg		105	79 - 136
Chlorodibromomethane	50.0	52.7		ug/Kg		105	75 - 146
1,2-Dichlorobenzene	50.0	49.9		ug/Kg		100	84 - 130
1,3-Dichlorobenzene	50.0	51.9		ug/Kg		104	84 - 131
1,4-Dichlorobenzene	50.0	49.7		ug/Kg		99	85 - 125
1,3-Dichloropropane	50.0	51.0		ug/Kg		102	79 - 140
1,1-Dichloropropene	50.0	59.2		ug/Kg		118	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	51.4		ug/Kg		103	68 - 145
Ethylene Dibromide	50.0	53.9		ug/Kg		108	79 - 140
Dibromomethane	50.0	51.0		ug/Kg		102	80 - 139
Dichlorodifluoromethane	50.0	51.9		ug/Kg		104	37 - 158
1,1-Dichloroethane	50.0	50.5		ug/Kg		101	85 - 124
1,2-Dichloroethane	50.0	49.7		ug/Kg		99	72 - 130
1,1-Dichloroethene	50.0	49.4		ug/Kg		99	76 - 122
cis-1,2-Dichloroethene	50.0	52.7		ug/Kg		105	87 - 138
trans-1,2-Dichloroethene	50.0	49.6		ug/Kg		99	72 - 116
1,2-Dichloropropane	50.0	51.2		ug/Kg		102	73 - 127
cis-1,3-Dichloropropene	50.0	54.6		ug/Kg		109	68 - 147
trans-1,3-Dichloropropene	50.0	54.6		ug/Kg		109	84 - 136
Ethylbenzene	50.0	55.8		ug/Kg		112	80 - 137
Hexachlorobutadiene	50.0	54.3		ug/Kg		109	72 - 132
2-Hexanone	250	274		ug/Kg		110	60 - 161
Isopropylbenzene	50.0	55.7		ug/Kg		111	88 - 128
4-Isopropyltoluene	50.0	57.5		ug/Kg		115	85 - 133
Methylene Chloride	50.0	47.6		ug/Kg		95	72 - 134
4-Methyl-2-pentanone (MIBK)	250	299		ug/Kg		119	69 - 160
Naphthalene	50.0	57.2		ug/Kg		114	70 - 147
N-Propylbenzene	50.0	58.9		ug/Kg		118	72 - 125
Styrene	50.0	49.6		ug/Kg		99	89 - 126
1,1,1,2-Tetrachloroethane	50.0	51.2		ug/Kg		102	90 - 130
1,1,2,2-Tetrachloroethane	50.0	54.2		ug/Kg		108	82 - 146
Tetrachloroethene	50.0	52.8		ug/Kg		106	78 - 132
Toluene	50.0	53.1		ug/Kg		106	83 - 128
1,2,3-Trichlorobenzene	50.0	52.5		ug/Kg		105	82 - 135
1,2,4-Trichlorobenzene	50.0	53.6		ug/Kg		107	70 - 131
1,1,1-Trichloroethane	50.0	52.3		ug/Kg		105	80 - 127
1,1,2-Trichloroethane	50.0	52.2		ug/Kg		104	82 - 125
Trichloroethene	50.0	51.8		ug/Kg		104	81 - 133
Trichlorofluoromethane	50.0	53.8		ug/Kg		108	71 - 139
1,2,3-Trichloropropane	50.0	52.5		ug/Kg		105	76 - 146
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	50.9		ug/Kg		102	70 - 130
1,2,4-Trimethylbenzene	50.0	54.0		ug/Kg		108	84 - 130
1,3,5-Trimethylbenzene	50.0	54.4		ug/Kg		109	82 - 131
Vinyl acetate	50.0	51.2		ug/Kg		102	38 - 176
Vinyl chloride	50.0	50.4		ug/Kg		101	63 - 140
m-Xylene & p-Xylene	100	105		ug/Kg		105	79 - 146
o-Xylene	50.0	52.2		ug/Kg		104	84 - 140
2,2-Dichloropropane	50.0	52.8		ug/Kg		106	73 - 162

TestAmerica San Francisco

Quality Control Data

Client: Treadwell & Rollo
Project/Site: SFVA Medical Center

TestAmerica Job ID: 720-34327-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-89045/2-A
Matrix: Solid
Analysis Batch: 89001

Client Sample ID: LCS 720-89045/2-A
Prep Type: Total/NA
Prep Batch: 89045

Surrogate	LCS % Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	110		45 - 131
1,2-Dichloroethane-d4 (Surr)	100		60 - 140
Toluene-d8 (Surr)	104		58 - 140

Lab Sample ID: LCS 720-89045/4-A
Matrix: Solid
Analysis Batch: 89001

Client Sample ID: LCS 720-89045/4-A
Prep Type: Total/NA
Prep Batch: 89045

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Gasoline Range Organics (GRO) -C5-C12	1000	926		ug/Kg		93	61 - 128

Surrogate	LCS % Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	109		45 - 131
1,2-Dichloroethane-d4 (Surr)	105		60 - 140
Toluene-d8 (Surr)	106		58 - 140

Lab Sample ID: LCSD 720-89045/3-A
Matrix: Solid
Analysis Batch: 89001

Client Sample ID: LCSD 720-89045/3-A
Prep Type: Total/NA
Prep Batch: 89045

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether	50.0	60.0		ug/Kg		120	71 - 144	6	20
Acetone	250	310		ug/Kg		124	30 - 162	12	30
Benzene	50.0	53.7		ug/Kg		107	82 - 124	2	20
Dichlorobromomethane	50.0	54.0		ug/Kg		108	86 - 131	2	20
Bromobenzene	50.0	54.2		ug/Kg		108	88 - 120	3	20
Chlorobromomethane	50.0	52.2		ug/Kg		104	81 - 116	5	20
Bromoform	50.0	54.5		ug/Kg		109	59 - 158	8	20
Bromomethane	50.0	49.2		ug/Kg		98	59 - 132	3	20
2-Butanone (MEK)	250	299		ug/Kg		120	61 - 150	9	20
n-Butylbenzene	50.0	56.1		ug/Kg		112	80 - 142	1	20
sec-Butylbenzene	50.0	59.0		ug/Kg		118	85 - 136	1	20
tert-Butylbenzene	50.0	55.4		ug/Kg		111	71 - 130	2	20
Carbon disulfide	50.0	53.6		ug/Kg		107	60 - 136	1	20
Carbon tetrachloride	50.0	54.7		ug/Kg		109	81 - 138	3	20
Chlorobenzene	50.0	49.9		ug/Kg		100	87 - 113	1	20
Chloroethane	50.0	50.9		ug/Kg		102	69 - 141	1	20
Chloroform	50.0	50.8		ug/Kg		102	77 - 127	1	20
Chloromethane	50.0	51.0		ug/Kg		102	60 - 149	1	20
2-Chlorotoluene	50.0	53.2		ug/Kg		106	80 - 138	0	20
4-Chlorotoluene	50.0	53.5		ug/Kg		107	79 - 136	2	20
Chlorodibromomethane	50.0	56.0		ug/Kg		112	75 - 146	6	20
1,2-Dichlorobenzene	50.0	50.8		ug/Kg		102	84 - 130	2	20
1,3-Dichlorobenzene	50.0	52.9		ug/Kg		106	84 - 131	2	20
1,4-Dichlorobenzene	50.0	51.0		ug/Kg		102	85 - 125	3	20
1,3-Dichloropropane	50.0	53.8		ug/Kg		108	79 - 140	5	20
1,1-Dichloropropene	50.0	59.9		ug/Kg		120	70 - 130	1	20
1,2-Dibromo-3-Chloropropane	50.0	58.6		ug/Kg		117	68 - 145	13	20
Ethylene Dibromide	50.0	57.8		ug/Kg		116	79 - 140	7	20

TestAmerica San Francisco

Quality Control Data

Client: Treadwell & Rollo
Project/Site: SFVA Medical Center

TestAmerica Job ID: 720-34327-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-89045/3-A

Matrix: Solid

Analysis Batch: 89001

Client Sample ID: LCSD 720-89045/3-A

Prep Type: Total/NA

Prep Batch: 89045

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Dibromomethane	50.0	52.5		ug/Kg		105	80 - 139	3	20
Dichlorodifluoromethane	50.0	54.6		ug/Kg		109	37 - 158	5	20
1,1-Dichloroethane	50.0	51.2		ug/Kg		102	85 - 124	1	20
1,2-Dichloroethane	50.0	51.0		ug/Kg		102	72 - 130	3	20
1,1-Dichloroethene	50.0	50.4		ug/Kg		101	76 - 122	2	20
cis-1,2-Dichloroethene	50.0	52.7		ug/Kg		105	87 - 138	0	20
trans-1,2-Dichloroethene	50.0	51.0		ug/Kg		102	72 - 116	3	20
1,2-Dichloropropane	50.0	52.2		ug/Kg		104	73 - 127	2	20
cis-1,3-Dichloropropene	50.0	56.1		ug/Kg		112	68 - 147	3	20
trans-1,3-Dichloropropene	50.0	56.8		ug/Kg		114	84 - 136	4	20
Ethylbenzene	50.0	56.2		ug/Kg		112	80 - 137	1	20
Hexachlorobutadiene	50.0	55.2		ug/Kg		110	72 - 132	2	20
2-Hexanone	250	303		ug/Kg		121	60 - 161	10	20
Isopropylbenzene	50.0	56.1		ug/Kg		112	88 - 128	1	20
4-Isopropyltoluene	50.0	58.1		ug/Kg		116	85 - 133	1	20
Methylene Chloride	50.0	49.0		ug/Kg		98	72 - 134	3	20
4-Methyl-2-pentanone (MIBK)	250	323		ug/Kg		129	69 - 160	8	20
Naphthalene	50.0	61.1		ug/Kg		122	70 - 147	7	20
N-Propylbenzene	50.0	59.2		ug/Kg		118	72 - 125	0	20
Styrene	50.0	50.8		ug/Kg		102	89 - 126	2	20
1,1,1,2-Tetrachloroethane	50.0	52.2		ug/Kg		104	90 - 130	2	20
1,1,2,2-Tetrachloroethane	50.0	56.2		ug/Kg		112	82 - 146	4	20
Tetrachloroethene	50.0	55.4		ug/Kg		111	78 - 132	5	20
Toluene	50.0	53.8		ug/Kg		108	83 - 128	1	20
1,2,3-Trichlorobenzene	50.0	54.3		ug/Kg		109	82 - 135	3	20
1,2,4-Trichlorobenzene	50.0	55.3		ug/Kg		111	70 - 131	3	20
1,1,1-Trichloroethane	50.0	53.7		ug/Kg		107	80 - 127	3	20
1,1,2-Trichloroethane	50.0	55.2		ug/Kg		110	82 - 125	6	20
Trichloroethene	50.0	53.5		ug/Kg		107	81 - 133	3	20
Trichlorofluoromethane	50.0	55.4		ug/Kg		111	71 - 139	3	20
1,2,3-Trichloropropane	50.0	56.5		ug/Kg		113	76 - 146	7	20
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	53.0		ug/Kg		106	70 - 130	4	20
1,2,4-Trimethylbenzene	50.0	54.8		ug/Kg		110	84 - 130	1	20
1,3,5-Trimethylbenzene	50.0	55.1		ug/Kg		110	82 - 131	1	20
Vinyl acetate	50.0	54.6		ug/Kg		109	38 - 176	7	20
Vinyl chloride	50.0	53.6		ug/Kg		107	63 - 140	6	20
m-Xylene & p-Xylene	100	106		ug/Kg		106	79 - 146	1	20
o-Xylene	50.0	52.6		ug/Kg		105	84 - 140	1	20
2,2-Dichloropropane	50.0	53.4		ug/Kg		107	73 - 162	1	20

Surrogate	LCSD % Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	109		45 - 131
1,2-Dichloroethane-d4 (Surr)	100		60 - 140
Toluene-d8 (Surr)	106		58 - 140

Quality Control Data

Client: Treadwell & Rollo
Project/Site: SFVA Medical Center

TestAmerica Job ID: 720-34327-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-89045/5-A

Matrix: Solid

Analysis Batch: 89001

Client Sample ID: LCSD 720-89045/5-A

Prep Type: Total/NA

Prep Batch: 89045

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO) -C5-C12	1000	888		ug/Kg		89	61 - 128	4	20
Surrogate	LCSD % Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene	107		45 - 131						
1,2-Dichloroethane-d4 (Surr)	99		60 - 140						
Toluene-d8 (Surr)	105		58 - 140						

Lab Sample ID: 720-34339-A-21-C MS

Matrix: Solid

Analysis Batch: 89001

Client Sample ID: 720-34339-A-21-C MS

Prep Type: Total/NA

Prep Batch: 89045

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Methyl tert-butyl ether	ND		48.9	54.4		ug/Kg		111	69 - 130
Acetone	ND		245	243		ug/Kg		100	37 - 150
Benzene	ND		48.9	51.9		ug/Kg		106	70 - 130
Dichlorobromomethane	ND		48.9	53.2		ug/Kg		109	64 - 135
Bromobenzene	ND		48.9	55.5		ug/Kg		113	70 - 130
Chlorobromomethane	ND		48.9	49.6		ug/Kg		101	65 - 130
Bromoform	ND		48.9	51.4		ug/Kg		105	58 - 132
Bromomethane	ND		48.9	50.7		ug/Kg		104	56 - 130
2-Butanone (MEK)	ND		245	248		ug/Kg		101	41 - 150
n-Butylbenzene	ND		48.9	53.2		ug/Kg		107	60 - 145
sec-Butylbenzene	ND		48.9	57.2		ug/Kg		116	64 - 137
tert-Butylbenzene	ND		48.9	55.9		ug/Kg		114	63 - 134
Carbon disulfide	ND		48.9	44.5		ug/Kg		91	10 - 150
Carbon tetrachloride	ND		48.9	50.1		ug/Kg		102	54 - 130
Chlorobenzene	ND		48.9	50.4		ug/Kg		103	70 - 130
Chloroethane	ND		48.9	54.4		ug/Kg		111	61 - 130
Chloroform	ND		48.9	50.0		ug/Kg		102	67 - 130
Chloromethane	ND		48.9	49.4		ug/Kg		101	50 - 131
2-Chlorotoluene	ND		48.9	54.7		ug/Kg		112	70 - 130
4-Chlorotoluene	ND		48.9	53.6		ug/Kg		110	70 - 130
Chlorodibromomethane	ND		48.9	53.2		ug/Kg		109	60 - 141
1,2-Dichlorobenzene	ND		48.9	51.8		ug/Kg		106	70 - 130
1,3-Dichlorobenzene	ND		48.9	54.2		ug/Kg		111	70 - 130
1,4-Dichlorobenzene	ND		48.9	50.1		ug/Kg		102	70 - 130
1,3-Dichloropropane	ND		48.9	51.2		ug/Kg		105	70 - 130
1,1-Dichloropropene	ND		48.9	55.0		ug/Kg		112	67 - 130
1,2-Dibromo-3-Chloropropane	ND		48.9	50.1		ug/Kg		102	57 - 130
Ethylene Dibromide	ND		48.9	54.6		ug/Kg		112	66 - 135
Dibromomethane	ND		48.9	50.5		ug/Kg		103	65 - 131
Dichlorodifluoromethane	ND		48.9	44.5		ug/Kg		91	38 - 130
1,1-Dichloroethane	ND		48.9	48.9		ug/Kg		100	67 - 130
1,2-Dichloroethane	ND		48.9	48.5		ug/Kg		99	70 - 130
1,1-Dichloroethene	ND		48.9	45.7		ug/Kg		93	64 - 130
cis-1,2-Dichloroethene	ND		48.9	57.4		ug/Kg		117	68 - 131
trans-1,2-Dichloroethene	ND		48.9	42.6		ug/Kg		87	70 - 130
1,2-Dichloropropane	ND		48.9	51.2		ug/Kg		105	65 - 133
cis-1,3-Dichloropropene	ND		48.9	54.5		ug/Kg		111	46 - 139

TestAmerica San Francisco

Quality Control Data

Client: Treadwell & Rollo
Project/Site: SFVA Medical Center

TestAmerica Job ID: 720-34327-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: 720-34339-A-21-C MS

Matrix: Solid

Analysis Batch: 89001

Client Sample ID: 720-34339-A-21-C MS

Prep Type: Total/NA

Prep Batch: 89045

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
trans-1,3-Dichloropropene	ND		48.9	54.5		ug/Kg		111	55 - 131
Ethylbenzene	ND		48.9	55.7		ug/Kg		114	65 - 130
Hexachlorobutadiene	ND		48.9	41.6		ug/Kg		85	58 - 132
2-Hexanone	ND		245	236		ug/Kg		97	44 - 150
Isopropylbenzene	ND		48.9	56.0		ug/Kg		114	65 - 130
4-Isopropyltoluene	ND		48.9	56.6		ug/Kg		116	69 - 134
Methylene Chloride	ND		48.9	46.1		ug/Kg		94	63 - 130
4-Methyl-2-pentanone (MIBK)	ND		245	260		ug/Kg		106	51 - 140
Naphthalene	ND		48.9	55.1		ug/Kg		113	45 - 146
N-Propylbenzene	ND		48.9	56.4		ug/Kg		115	70 - 130
Styrene	ND		48.9	50.9		ug/Kg		104	58 - 135
1,1,1,2-Tetrachloroethane	ND		48.9	53.0		ug/Kg		108	64 - 133
1,1,2,2-Tetrachloroethane	ND		48.9	52.5		ug/Kg		107	70 - 131
Tetrachloroethene	ND		48.9	53.4		ug/Kg		109	67 - 130
Toluene	ND		48.9	53.5		ug/Kg		109	70 - 130
1,2,3-Trichlorobenzene	ND		48.9	48.1		ug/Kg		98	58 - 138
1,2,4-Trichlorobenzene	ND		48.9	48.0		ug/Kg		98	49 - 144
1,1,1-Trichloroethane	ND		48.9	50.4		ug/Kg		103	57 - 133
1,1,2-Trichloroethane	ND		48.9	52.2		ug/Kg		107	68 - 132
Trichloroethene	ND		48.9	50.6		ug/Kg		103	66 - 130
Trichlorofluoromethane	ND		48.9	55.9		ug/Kg		114	61 - 130
1,2,3-Trichloropropane	ND		48.9	52.7		ug/Kg		108	62 - 150
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		48.9	46.5		ug/Kg		95	52 - 130
1,2,4-Trimethylbenzene	ND		48.9	55.0		ug/Kg		110	64 - 140
1,3,5-Trimethylbenzene	ND		48.9	56.6		ug/Kg		114	67 - 134
Vinyl acetate	ND		48.9	ND		ug/Kg		94	52 - 150
Vinyl chloride	ND		48.9	50.4		ug/Kg		103	62 - 130
m-Xylene & p-Xylene	ND		97.8	105		ug/Kg		108	70 - 130
o-Xylene	ND		48.9	53.6		ug/Kg		110	68 - 130
2,2-Dichloropropane	ND		48.9	47.9		ug/Kg		98	63 - 130

Surrogate	MS % Recovery	MS Qualifier	Limits
4-Bromofluorobenzene	110		45 - 131
1,2-Dichloroethane-d4 (Surr)	98		60 - 140
Toluene-d8 (Surr)	105		58 - 140

Lab Sample ID: 720-34339-A-21-D MSD

Matrix: Solid

Analysis Batch: 89001

Client Sample ID: 720-34339-A-21-D MSD

Prep Type: Total/NA

Prep Batch: 89045

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	Limit
Methyl tert-butyl ether	ND		49.2	55.5		ug/Kg		113	69 - 130	2	20
Acetone	ND		246	251		ug/Kg		102	37 - 150	3	20
Benzene	ND		49.2	53.5		ug/Kg		109	70 - 130	3	20
Dichlorobromomethane	ND		49.2	53.3		ug/Kg		108	64 - 135	0	20
Bromobenzene	ND		49.2	56.8		ug/Kg		115	70 - 130	2	20
Chlorobromomethane	ND		49.2	49.3		ug/Kg		100	65 - 130	1	20
Bromoform	ND		49.2	49.5		ug/Kg		100	58 - 132	4	20
Bromomethane	ND		49.2	50.5		ug/Kg		103	56 - 130	0	20

TestAmerica San Francisco

Quality Control Data

Client: Treadwell & Rollo
Project/Site: SFVA Medical Center

TestAmerica Job ID: 720-34327-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: 720-34339-A-21-D MSD

Matrix: Solid

Analysis Batch: 89001

Client Sample ID: 720-34339-A-21-D MSD

Prep Type: Total/NA

Prep Batch: 89045

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
2-Butanone (MEK)	ND		246	258		ug/Kg		105	41 - 150	4	20
n-Butylbenzene	ND		49.2	54.6		ug/Kg		109	60 - 145	2	20
sec-Butylbenzene	ND		49.2	59.0		ug/Kg		119	64 - 137	3	20
tert-Butylbenzene	ND		49.2	57.1		ug/Kg		116	63 - 134	2	20
Carbon disulfide	ND		49.2	46.4		ug/Kg		94	10 - 150	4	20
Carbon tetrachloride	ND		49.2	52.1		ug/Kg		106	54 - 130	4	20
Chlorobenzene	ND		49.2	49.6		ug/Kg		101	70 - 130	2	20
Chloroethane	ND		49.2	55.0		ug/Kg		112	61 - 130	1	20
Chloroform	ND		49.2	50.9		ug/Kg		103	67 - 130	2	20
Chloromethane	ND		49.2	50.7		ug/Kg		103	50 - 131	3	20
2-Chlorotoluene	ND		49.2	57.2		ug/Kg		116	70 - 130	5	20
4-Chlorotoluene	ND		49.2	56.5		ug/Kg		115	70 - 130	5	20
Chlorodibromomethane	ND		49.2	53.4		ug/Kg		109	60 - 141	0	20
1,2-Dichlorobenzene	ND		49.2	52.4		ug/Kg		107	70 - 130	1	20
1,3-Dichlorobenzene	ND		49.2	54.3		ug/Kg		110	70 - 130	0	20
1,4-Dichlorobenzene	ND		49.2	52.0		ug/Kg		106	70 - 130	4	20
1,3-Dichloropropane	ND		49.2	52.6		ug/Kg		107	70 - 130	3	20
1,1-Dichloropropene	ND		49.2	59.5		ug/Kg		121	67 - 130	8	20
1,2-Dibromo-3-Chloropropane	ND		49.2	51.5		ug/Kg		105	57 - 130	3	20
Ethylene Dibromide	ND		49.2	55.4		ug/Kg		113	66 - 135	1	20
Dibromomethane	ND		49.2	51.3		ug/Kg		104	65 - 131	2	20
Dichlorodifluoromethane	ND		49.2	44.2		ug/Kg		90	38 - 130	1	20
1,1-Dichloroethane	ND		49.2	50.8		ug/Kg		103	67 - 130	4	20
1,2-Dichloroethane	ND		49.2	49.4		ug/Kg		100	70 - 130	2	20
1,1-Dichloroethene	ND		49.2	48.1		ug/Kg		98	64 - 130	5	20
cis-1,2-Dichloroethene	ND		49.2	58.8		ug/Kg		119	68 - 131	2	20
trans-1,2-Dichloroethene	ND		49.2	43.4		ug/Kg		88	70 - 130	2	20
1,2-Dichloropropane	ND		49.2	52.9		ug/Kg		107	65 - 133	3	20
cis-1,3-Dichloropropene	ND		49.2	56.1		ug/Kg		114	46 - 139	3	20
trans-1,3-Dichloropropene	ND		49.2	56.1		ug/Kg		114	55 - 131	3	20
Ethylbenzene	ND		49.2	55.9		ug/Kg		114	65 - 130	0	20
Hexachlorobutadiene	ND		49.2	38.4		ug/Kg		78	58 - 132	8	20
2-Hexanone	ND		246	250		ug/Kg		102	44 - 150	6	20
Isopropylbenzene	ND		49.2	55.5		ug/Kg		113	65 - 130	1	20
4-Isopropyltoluene	ND		49.2	58.0		ug/Kg		118	69 - 134	2	20
Methylene Chloride	ND		49.2	47.6		ug/Kg		97	63 - 130	3	20
4-Methyl-2-pentanone (MIBK)	ND		246	273		ug/Kg		111	51 - 140	5	20
Naphthalene	ND		49.2	55.8		ug/Kg		113	45 - 146	1	20
N-Propylbenzene	ND		49.2	59.8		ug/Kg		121	70 - 130	6	20
Styrene	ND		49.2	50.1		ug/Kg		102	58 - 135	2	20
1,1,1,2-Tetrachloroethane	ND		49.2	52.3		ug/Kg		106	64 - 133	1	20
1,1,2,2-Tetrachloroethane	ND		49.2	54.7		ug/Kg		111	70 - 131	4	20
Tetrachloroethene	ND		49.2	54.0		ug/Kg		110	67 - 130	1	20
Toluene	ND		49.2	54.3		ug/Kg		110	70 - 130	2	20
1,2,3-Trichlorobenzene	ND		49.2	46.3		ug/Kg		94	58 - 138	4	20
1,2,4-Trichlorobenzene	ND		49.2	47.0		ug/Kg		96	49 - 144	2	20
1,1,1-Trichloroethane	ND		49.2	52.0		ug/Kg		106	57 - 133	3	20
1,1,2-Trichloroethane	ND		49.2	53.4		ug/Kg		108	68 - 132	2	20
Trichloroethene	ND		49.2	52.5		ug/Kg		107	66 - 130	4	20
Trichlorofluoromethane	ND		49.2	55.2		ug/Kg		112	61 - 130	1	20

TestAmerica San Francisco

Quality Control Data

Client: Treadwell & Rollo
Project/Site: SFVA Medical Center

TestAmerica Job ID: 720-34327-1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: 720-34339-A-21-D MSD

Matrix: Solid

Analysis Batch: 89001

Client Sample ID: 720-34339-A-21-D MSD

Prep Type: Total/NA

Prep Batch: 89045

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
1,2,3-Trichloropropane	ND		49.2	54.5		ug/Kg		111	62 - 150	3	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		49.2	47.8		ug/Kg		97	52 - 130	3	20
1,2,4-Trimethylbenzene	ND		49.2	57.6		ug/Kg		115	64 - 140	5	20
1,3,5-Trimethylbenzene	ND		49.2	58.7		ug/Kg		118	67 - 134	4	20
Vinyl acetate	ND		49.2	49.2		ug/Kg		100	52 - 150	7	20
Vinyl chloride	ND		49.2	51.9		ug/Kg		106	62 - 130	3	20
m-Xylene & p-Xylene	ND		98.4	106		ug/Kg		107	70 - 130	0	20
o-Xylene	ND		49.2	53.0		ug/Kg		108	68 - 130	1	20
2,2-Dichloropropane	ND		49.2	48.8		ug/Kg		99	63 - 130	2	20

Surrogate	MSD % Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene	105		45 - 131
1,2-Dichloroethane-d4 (Surr)	99		60 - 140
Toluene-d8 (Surr)	108		58 - 140

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)

Lab Sample ID: MB 720-89072/1-A

Matrix: Solid

Analysis Batch: 89087

Client Sample ID: MB 720-89072/1-A

Prep Type: Total/NA

Prep Batch: 89072

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	ND		0.067		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
Bis(2-chloroethyl)ether	ND		0.067		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
2-Chlorophenol	ND		0.067		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
1,3-Dichlorobenzene	ND		0.067		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
1,4-Dichlorobenzene	ND		0.067		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
Benzyl alcohol	ND		0.17		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
1,2-Dichlorobenzene	ND		0.067		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
2-Methylphenol	ND		0.067		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
Methylphenol, 3 & 4	ND		0.067		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
N-Nitrosodi-n-propylamine	ND		0.067		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
Hexachloroethane	ND		0.067		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
Nitrobenzene	ND		0.067		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
Isophorone	ND		0.067		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
2-Nitrophenol	ND		0.067		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
2,4-Dimethylphenol	ND		0.067		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
Bis(2-chloroethoxy)methane	ND		0.17		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
2,4-Dichlorophenol	ND		0.33		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
1,2,4-Trichlorobenzene	ND		0.067		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
Naphthalene	ND		0.067		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
4-Chloroaniline	ND		0.17		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
Hexachlorobutadiene	ND		0.067		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
4-Chloro-3-methylphenol	ND		0.17		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
2-Methylnaphthalene	ND		0.067		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
Hexachlorocyclopentadiene	ND		0.17		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
2,4,6-Trichlorophenol	ND		0.17		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
2,4,5-Trichlorophenol	ND		0.067		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
2-Chloronaphthalene	ND		0.067		mg/Kg		04/06/11 14:17	04/06/11 18:36	1

TestAmerica San Francisco

Quality Control Data

Client: Treadwell & Rollo
Project/Site: SFVA Medical Center

TestAmerica Job ID: 720-34327-1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Lab Sample ID: MB 720-89072/1-A

Matrix: Solid

Analysis Batch: 89087

Client Sample ID: MB 720-89072/1-A

Prep Type: Total/NA

Prep Batch: 89072

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitroaniline	ND		0.33		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
Dimethyl phthalate	ND		0.17		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
Acenaphthylene	ND		0.067		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
3-Nitroaniline	ND		0.17		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
Acenaphthene	ND		0.067		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
2,4-Dinitrophenol	ND		0.33		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
4-Nitrophenol	ND		0.33		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
Dibenzofuran	ND		0.067		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
2,4-Dinitrotoluene	ND		0.067		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
2,6-Dinitrotoluene	ND		0.067		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
Diethyl phthalate	ND		0.17		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
4-Chlorophenyl phenyl ether	ND		0.17		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
Fluorene	ND		0.067		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
4-Nitroaniline	ND		0.33		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
2-Methyl-4,6-dinitrophenol	ND		0.33		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
N-Nitrosodiphenylamine	ND		0.067		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
4-Bromophenyl phenyl ether	ND		0.17		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
Hexachlorobenzene	ND		0.067		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
Pentachlorophenol	ND		0.33		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
Phenanthrene	ND		0.067		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
Anthracene	ND		0.067		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
Di-n-butyl phthalate	ND		0.17		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
Fluoranthene	ND		0.067		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
Pyrene	ND		0.067		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
Butyl benzyl phthalate	ND		0.17		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
3,3'-Dichlorobenzidine	ND		0.17		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
Benzo[a]anthracene	ND		0.33		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
Bis(2-ethylhexyl) phthalate	ND		0.33		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
Chrysene	ND		0.067		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
Di-n-octyl phthalate	ND		0.17		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
Benzo[b]fluoranthene	ND		0.067		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
Benzo[a]pyrene	ND		0.067		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
Benzo[k]fluoranthene	ND		0.067		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
Indeno[1,2,3-cd]pyrene	ND		0.067		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
Benzo[g,h,i]perylene	ND		0.067		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
Benzoic acid	ND		0.33		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
Azobenzene	ND		0.067		mg/Kg		04/06/11 14:17	04/06/11 18:36	1
Dibenz(a,h)anthracene	ND		0.067		mg/Kg		04/06/11 14:17	04/06/11 18:36	1

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Nitrobenzene-d5	69		21 - 98	04/06/11 14:17	04/06/11 18:36	1
2-Fluorobiphenyl	73		30 - 112	04/06/11 14:17	04/06/11 18:36	1
Terphenyl-d14	88		32 - 117	04/06/11 14:17	04/06/11 18:36	1
2-Fluorophenol	70		28 - 98	04/06/11 14:17	04/06/11 18:36	1
Phenol-d5	68		23 - 101	04/06/11 14:17	04/06/11 18:36	1
2,4,6-Tribromophenol	89		37 - 114	04/06/11 14:17	04/06/11 18:36	1

TestAmerica San Francisco

Quality Control Data

Client: Treadwell & Rollo
Project/Site: SFVA Medical Center

TestAmerica Job ID: 720-34327-1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Lab Sample ID: LCS 720-89072/2-A

Matrix: Solid

Analysis Batch: 89087

Client Sample ID: LCS 720-89072/2-A

Prep Type: Total/NA

Prep Batch: 89072

Analyte	Spike	LCS	LCS	Unit	D	% Rec	% Rec.
	Added	Result	Qualifier				Limits
Phenol	1.64	1.43		mg/Kg		87	48 - 115
Bis(2-chloroethyl)ether	1.62	0.920		mg/Kg		57	45 - 115
2-Chlorophenol	1.64	1.36		mg/Kg		82	48 - 115
1,3-Dichlorobenzene	1.62	1.32		mg/Kg		81	41 - 115
1,4-Dichlorobenzene	1.62	1.19		mg/Kg		73	40 - 115
Benzyl alcohol	1.64	1.49		mg/Kg		91	54 - 115
1,2-Dichlorobenzene	1.63	1.35		mg/Kg		83	44 - 115
2-Methylphenol	1.62	1.37		mg/Kg		84	54 - 115
Methylphenol, 3 & 4	3.30	2.43		mg/Kg		74	50 - 115
N-Nitrosodi-n-propylamine	1.63	1.34		mg/Kg		82	46 - 115
Hexachloroethane	1.64	1.30		mg/Kg		79	44 - 115
Nitrobenzene	1.62	1.38		mg/Kg		86	48 - 115
Isophorone	1.62	1.42		mg/Kg		87	54 - 115
2-Nitrophenol	1.63	1.41		mg/Kg		87	48 - 115
2,4-Dimethylphenol	1.60	1.37		mg/Kg		85	52 - 115
Bis(2-chloroethoxy)methane	1.63	1.38		mg/Kg		85	46 - 115
2,4-Dichlorophenol	1.65	1.46		mg/Kg		89	49 - 100
1,2,4-Trichlorobenzene	1.62	1.47		mg/Kg		90	47 - 115
Naphthalene	1.65	1.38		mg/Kg		84	44 - 115
4-Chloroaniline	1.58	1.46		mg/Kg		93	30 - 115
Hexachlorobutadiene	1.64	1.43		mg/Kg		87	44 - 115
4-Chloro-3-methylphenol	1.63	1.44		mg/Kg		88	58 - 115
2-Methylnaphthalene	1.63	1.50		mg/Kg		92	49 - 115
Hexachlorocyclopentadiene	1.75	1.62		mg/Kg		93	42 - 132
2,4,6-Trichlorophenol	1.63	1.48		mg/Kg		91	45 - 115
2,4,5-Trichlorophenol	1.64	1.48		mg/Kg		91	48 - 115
2-Chloronaphthalene	1.65	1.48		mg/Kg		90	52 - 115
2-Nitroaniline	1.67	1.53		mg/Kg		92	54 - 115
Dimethyl phthalate	1.66	1.46		mg/Kg		88	64 - 119
Acenaphthylene	1.66	1.68		mg/Kg		101	61 - 129
3-Nitroaniline	1.69	1.50		mg/Kg		89	50 - 115
Acenaphthene	1.67	1.43		mg/Kg		86	50 - 115
2,4-Dinitrophenol	1.67	1.34		mg/Kg		80	21 - 115
4-Nitrophenol	1.67	1.57		mg/Kg		94	54 - 125
Dibenzofuran	1.66	1.51		mg/Kg		91	55 - 115
2,4-Dinitrotoluene	1.64	1.64		mg/Kg		100	57 - 115
2,6-Dinitrotoluene	1.67	1.55		mg/Kg		93	54 - 119
Diethyl phthalate	1.67	1.54		mg/Kg		93	49 - 117
4-Chlorophenyl phenyl ether	1.65	1.45		mg/Kg		88	57 - 115
Fluorene	1.66	1.47		mg/Kg		89	54 - 115
4-Nitroaniline	1.63	1.52		mg/Kg		93	59 - 115
2-Methyl-4,6-dinitrophenol	1.67	1.54		mg/Kg		92	48 - 115
N-Nitrosodiphenylamine	1.54	1.58		mg/Kg		102	56 - 115
4-Bromophenyl phenyl ether	1.65	1.50		mg/Kg		91	53 - 115
Hexachlorobenzene	1.66	1.62		mg/Kg		98	55 - 115
Pentachlorophenol	1.67	1.45		mg/Kg		87	35 - 115
Phenanthrene	1.64	1.48		mg/Kg		90	54 - 115
Anthracene	1.63	1.58		mg/Kg		97	55 - 115

TestAmerica San Francisco

Quality Control Data

Client: Treadwell & Rollo
Project/Site: SFVA Medical Center

TestAmerica Job ID: 720-34327-1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Lab Sample ID: LCS 720-89072/2-A

Matrix: Solid

Analysis Batch: 89087

Client Sample ID: LCS 720-89072/2-A

Prep Type: Total/NA

Prep Batch: 89072

Analyte	Spike	LCS	LCS	Unit	D	% Rec	% Rec.	
	Added	Result	Qualifier				Limits	
Di-n-butyl phthalate	1.65	1.62		mg/Kg		98	55 - 115	
Fluoranthene	1.63	1.67		mg/Kg		102	54 - 115	
Pyrene	1.64	1.57		mg/Kg		96	48 - 115	
Butyl benzyl phthalate	1.77	1.54		mg/Kg		87	53 - 115	
3,3'-Dichlorobenzidine	1.64	1.47		mg/Kg		89	42 - 115	
Benzo[a]anthracene	1.60	1.59		mg/Kg		99	55 - 115	
Bis(2-ethylhexyl) phthalate	1.66	1.46		mg/Kg		88	53 - 115	
Chrysene	1.61	1.59		mg/Kg		99	58 - 115	
Di-n-octyl phthalate	1.69	1.42		mg/Kg		84	53 - 115	
Benzo[b]fluoranthene	1.69	1.52		mg/Kg		90	56 - 115	
Benzo[a]pyrene	1.45	1.55		mg/Kg		107	55 - 115	
Benzo[k]fluoranthene	1.70	1.64		mg/Kg		97	57 - 115	
Indeno[1,2,3-cd]pyrene	1.63	1.69		mg/Kg		104	56 - 115	
Benzo[g,h,i]perylene	1.56	1.71		mg/Kg		109	56 - 115	
Benzoic acid	1.67	1.32		mg/Kg		79	10 - 115	
Azobenzene	1.66	1.41		mg/Kg		85	52 - 115	
Dibenz(a,h)anthracene	1.60	1.67		mg/Kg		104	58 - 115	

Surrogate	LCS	LCS	Limits
	% Recovery	Qualifier	
Nitrobenzene-d5	85		21 - 98
2-Fluorobiphenyl	88		30 - 112
Terphenyl-d14	95		32 - 117
2-Fluorophenol	82		28 - 98
Phenol-d5	85		23 - 101
2,4,6-Tribromophenol	98		37 - 114

Lab Sample ID: LCSD 720-89072/3-A

Matrix: Solid

Analysis Batch: 89087

Client Sample ID: LCSD 720-89072/3-A

Prep Type: Total/NA

Prep Batch: 89072

Analyte	Spike	LCSD	LCSD	Unit	D	% Rec	% Rec.		RPD	
	Added	Result	Qualifier				Limits		RPD	Limit
Phenol	1.65	1.43		mg/Kg		87	48 - 115	1	35	
Bis(2-chloroethyl)ether	1.63	0.809		mg/Kg		50	45 - 115	13	35	
2-Chlorophenol	1.65	1.34		mg/Kg		81	48 - 115	1	35	
1,3-Dichlorobenzene	1.63	1.28		mg/Kg		78	41 - 115	3	35	
1,4-Dichlorobenzene	1.63	1.22		mg/Kg		74	40 - 115	2	35	
Benzyl alcohol	1.65	1.50		mg/Kg		91	54 - 115	1	35	
1,2-Dichlorobenzene	1.63	1.34		mg/Kg		82	44 - 115	1	35	
2-Methylphenol	1.63	1.39		mg/Kg		85	54 - 115	2	35	
Methylphenol, 3 & 4	3.31	2.52		mg/Kg		76	50 - 115	4	35	
N-Nitrosodi-n-propylamine	1.64	1.33		mg/Kg		81	46 - 115	1	35	
Hexachloroethane	1.65	1.27		mg/Kg		77	44 - 115	2	35	
Nitrobenzene	1.62	1.34		mg/Kg		83	48 - 115	3	35	
Isophorone	1.63	1.43		mg/Kg		88	54 - 115	1	35	
2-Nitrophenol	1.64	1.44		mg/Kg		88	48 - 115	2	35	
2,4-Dimethylphenol	1.61	1.37		mg/Kg		85	52 - 115	0	35	
Bis(2-chloroethoxy)methane	1.63	1.37		mg/Kg		84	46 - 115	0	35	
2,4-Dichlorophenol	1.65	1.47		mg/Kg		89	49 - 100	1	35	

TestAmerica San Francisco

Quality Control Data

Client: Treadwell & Rollo
Project/Site: SFVA Medical Center

TestAmerica Job ID: 720-34327-1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Lab Sample ID: LCSD 720-89072/3-A

Matrix: Solid

Analysis Batch: 89087

Client Sample ID: LCSD 720-89072/3-A

Prep Type: Total/NA

Prep Batch: 89072

Analyte	Spike	LCSD	LCSD	Unit	D	% Rec	% Rec.	RPD	RPD	Limit
	Added	Result	Qualifier				Limits			
1,2,4-Trichlorobenzene	1.63	1.43		mg/Kg		88	47 - 115	3		35
Naphthalene	1.65	1.39		mg/Kg		84	44 - 115	1		35
4-Chloroaniline	1.58	1.54		mg/Kg		97	30 - 115	5		35
Hexachlorobutadiene	1.65	1.43		mg/Kg		87	44 - 115	0		35
4-Chloro-3-methylphenol	1.64	1.48		mg/Kg		90	58 - 115	3		35
2-Methylnaphthalene	1.63	1.51		mg/Kg		93	49 - 115	1		35
Hexachlorocyclopentadiene	1.76	1.63		mg/Kg		93	42 - 132	1		35
2,4,6-Trichlorophenol	1.64	1.51		mg/Kg		92	45 - 115	2		35
2,4,5-Trichlorophenol	1.65	1.54		mg/Kg		94	48 - 115	4		35
2-Chloronaphthalene	1.65	1.51		mg/Kg		91	52 - 115	2		35
2-Nitroaniline	1.68	1.58		mg/Kg		94	54 - 115	3		35
Dimethyl phthalate	1.66	1.47		mg/Kg		88	64 - 119	0		35
Acenaphthylene	1.67	1.71		mg/Kg		102	61 - 129	2		35
3-Nitroaniline	1.70	1.57		mg/Kg		92	50 - 115	4		35
Acenaphthene	1.67	1.49		mg/Kg		89	50 - 115	4		35
2,4-Dinitrophenol	1.68	1.35		mg/Kg		81	21 - 115	1		35
4-Nitrophenol	1.68	1.60		mg/Kg		95	54 - 125	2		35
Dibenzofuran	1.67	1.57		mg/Kg		94	55 - 115	4		35
2,4-Dinitrotoluene	1.65	1.66		mg/Kg		101	57 - 115	2		35
2,6-Dinitrotoluene	1.68	1.57		mg/Kg		94	54 - 119	2		35
Diethyl phthalate	1.68	1.57		mg/Kg		94	49 - 117	2		35
4-Chlorophenyl phenyl ether	1.66	1.51		mg/Kg		91	57 - 115	4		35
Fluorene	1.66	1.51		mg/Kg		90	54 - 115	2		35
4-Nitroaniline	1.64	1.56		mg/Kg		95	59 - 115	3		35
2-Methyl-4,6-dinitrophenol	1.68	1.49		mg/Kg		89	48 - 115	4		35
N-Nitrosodiphenylamine	1.55	1.56		mg/Kg		101	56 - 115	1		35
4-Bromophenyl phenyl ether	1.66	1.56		mg/Kg		94	53 - 115	3		35
Hexachlorobenzene	1.67	1.62		mg/Kg		97	55 - 115	0		35
Pentachlorophenol	1.68	1.41		mg/Kg		84	35 - 115	3		35
Phenanthrene	1.65	1.49		mg/Kg		91	54 - 115	1		35
Anthracene	1.64	1.58		mg/Kg		96	55 - 115	0		35
Di-n-butyl phthalate	1.66	1.61		mg/Kg		97	55 - 115	1		35
Fluoranthene	1.64	1.68		mg/Kg		102	54 - 115	1		35
Pyrene	1.65	1.56		mg/Kg		95	48 - 115	1		35
Butyl benzyl phthalate	1.78	1.54		mg/Kg		87	53 - 115	0		35
3,3'-Dichlorobenzidine	1.65	1.43		mg/Kg		87	42 - 115	2		35
Benzo[a]anthracene	1.61	1.61		mg/Kg		100	55 - 115	1		35
Bis(2-ethylhexyl) phthalate	1.67	1.47		mg/Kg		88	53 - 115	0		35
Chrysene	1.62	1.57		mg/Kg		97	58 - 115	1		35
Di-n-octyl phthalate	1.70	1.41		mg/Kg		83	53 - 115	1		35
Benzo[b]fluoranthene	1.70	1.53		mg/Kg		90	56 - 115	0		35
Benzo[a]pyrene	1.46	1.53		mg/Kg		105	55 - 115	1		35
Benzo[k]fluoranthene	1.71	1.61		mg/Kg		94	57 - 115	2		35
Indeno[1,2,3-cd]pyrene	1.64	1.69		mg/Kg		103	56 - 115	0		35
Benzo[g,h,i]perylene	1.57	1.71		mg/Kg		108	56 - 115	0		35
Benzoic acid	1.68	1.31		mg/Kg		78	10 - 115	1		35
Azobenzene	1.67	1.43		mg/Kg		85	52 - 115	2		35
Dibenz(a,h)anthracene	1.61	1.67		mg/Kg		104	58 - 115	0		35

TestAmerica San Francisco

Quality Control Data

Client: Treadwell & Rollo
Project/Site: SFVA Medical Center

TestAmerica Job ID: 720-34327-1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Lab Sample ID: LCSD 720-89072/3-A

Matrix: Solid

Analysis Batch: 89087

Client Sample ID: LCSD 720-89072/3-A

Prep Type: Total/NA

Prep Batch: 89072

Surrogate	LCSD LCSD		Limits
	% Recovery	Qualifier	
Nitrobenzene-d5	83		21 - 98
2-Fluorobiphenyl	88		30 - 112
Terphenyl-d14	93		32 - 117
2-Fluorophenol	82		28 - 98
Phenol-d5	86		23 - 101
2,4,6-Tribromophenol	100		37 - 114

Lab Sample ID: 720-34315-A-1-G MS

Matrix: Solid

Analysis Batch: 89087

Client Sample ID: 720-34315-A-1-G MS

Prep Type: Total/NA

Prep Batch: 89072

Analyte	Sample	Sample	Spike	MS MS		Unit	D	% Rec	% Rec.	
	Result	Qualifier	Added	Result	Qualifier				Limits	
Phenol	ND		1.64	1.20		mg/Kg		73	23 - 115	
Bis(2-chloroethyl)ether	ND		1.62	0.666		mg/Kg		41	27 - 115	
2-Chlorophenol	ND		1.64	1.13		mg/Kg		68	16 - 115	
1,3-Dichlorobenzene	ND		1.62	1.10		mg/Kg		68	22 - 115	
1,4-Dichlorobenzene	ND		1.62	1.06		mg/Kg		65	21 - 115	
Benzyl alcohol	ND		1.64	1.30		mg/Kg		79	28 - 115	
1,2-Dichlorobenzene	ND		1.63	1.16		mg/Kg		71	25 - 115	
2-Methylphenol	ND		1.62	1.09		mg/Kg		67	32 - 115	
Methylphenol, 3 & 4	ND		3.30	2.05		mg/Kg		62	28 - 115	
N-Nitrosodi-n-propylamine	ND		1.63	1.16		mg/Kg		71	27 - 115	
Hexachloroethane	ND		1.64	1.11		mg/Kg		68	19 - 115	
Nitrobenzene	ND		1.62	1.17		mg/Kg		73	30 - 115	
Isophorone	ND		1.62	1.23		mg/Kg		76	36 - 115	
2-Nitrophenol	ND		1.63	1.22		mg/Kg		75	11 - 116	
2,4-Dimethylphenol	ND		1.61	0.909		mg/Kg		57	36 - 115	
Bis(2-chloroethoxy)methane	ND		1.63	1.16		mg/Kg		71	28 - 115	
2,4-Dichlorophenol	ND		1.65	1.22		mg/Kg		74	17 - 115	
1,2,4-Trichlorobenzene	ND		1.62	1.26		mg/Kg		77	29 - 115	
Naphthalene	ND		1.65	1.23		mg/Kg		75	22 - 115	
4-Chloroaniline	ND		1.58	1.34		mg/Kg		85	7 - 115	
Hexachlorobutadiene	ND		1.64	1.25		mg/Kg		76	26 - 115	
4-Chloro-3-methylphenol	ND		1.63	1.24		mg/Kg		76	42 - 115	
2-Methylnaphthalene	ND		1.63	1.33		mg/Kg		82	28 - 115	
Hexachlorocyclopentadiene	ND		1.75	1.39		mg/Kg		79	15 - 115	
2,4,6-Trichlorophenol	ND		1.63	1.28		mg/Kg		79	25 - 115	
2,4,5-Trichlorophenol	ND		1.64	1.28		mg/Kg		78	38 - 115	
2-Chloronaphthalene	ND		1.65	1.31		mg/Kg		80	38 - 115	
2-Nitroaniline	ND		1.67	1.34		mg/Kg		80	43 - 115	
Dimethyl phthalate	ND		1.66	1.31		mg/Kg		79	55 - 116	
Acenaphthylene	ND		1.66	1.51		mg/Kg		91	49 - 120	
3-Nitroaniline	ND		1.69	1.39		mg/Kg		83	39 - 115	
Acenaphthene	ND		1.67	1.32		mg/Kg		79	42 - 115	
2,4-Dinitrophenol	ND		1.67	0.495		mg/Kg		30	13 - 122	
4-Nitrophenol	ND		1.67	1.39		mg/Kg		83	25 - 147	
Dibenzofuran	ND		1.66	1.38		mg/Kg		83	43 - 115	
2,4-Dinitrotoluene	ND		1.64	1.40		mg/Kg		85	47 - 115	

TestAmerica San Francisco

Quality Control Data

Client: Treadwell & Rollo
Project/Site: SFVA Medical Center

TestAmerica Job ID: 720-34327-1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Lab Sample ID: 720-34315-A-1-G MS

Matrix: Solid

Analysis Batch: 89087

Client Sample ID: 720-34315-A-1-G MS

Prep Type: Total/NA

Prep Batch: 89072

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
2,6-Dinitrotoluene	ND		1.67	1.38		mg/Kg		83	55 - 115
Diethyl phthalate	ND		1.67	1.41		mg/Kg		84	48 - 115
4-Chlorophenyl phenyl ether	ND		1.65	1.34		mg/Kg		82	44 - 115
Fluorene	ND		1.66	1.36		mg/Kg		82	41 - 115
4-Nitroaniline	ND		1.63	1.37		mg/Kg		84	47 - 120
2-Methyl-4,6-dinitrophenol	ND		1.67	1.09		mg/Kg		65	19 - 132
N-Nitrosodiphenylamine	ND		1.54	1.38		mg/Kg		90	43 - 115
4-Bromophenyl phenyl ether	ND		1.65	1.37		mg/Kg		83	45 - 115
Hexachlorobenzene	ND		1.66	1.42		mg/Kg		86	48 - 115
Pentachlorophenol	ND		1.67	1.25		mg/Kg		75	7 - 132
Phenanthrene	ND		1.64	1.34		mg/Kg		82	38 - 115
Anthracene	ND		1.63	1.42		mg/Kg		87	47 - 115
Di-n-butyl phthalate	ND		1.65	1.41		mg/Kg		85	46 - 115
Fluoranthene	ND		1.63	1.45		mg/Kg		89	40 - 115
Pyrene	ND		1.64	1.37		mg/Kg		84	35 - 115
Butyl benzyl phthalate	ND		1.77	1.36		mg/Kg		77	40 - 115
3,3'-Dichlorobenzidine	ND		1.64	1.19		mg/Kg		73	17 - 115
Benzo[a]anthracene	ND		1.60	1.39		mg/Kg		87	42 - 115
Bis(2-ethylhexyl) phthalate	ND		1.66	1.28		mg/Kg		77	42 - 115
Chrysene	ND		1.61	1.40		mg/Kg		87	37 - 115
Di-n-octyl phthalate	ND		1.69	1.23		mg/Kg		73	46 - 115
Benzo[b]fluoranthene	ND		1.69	1.32		mg/Kg		78	43 - 115
Benzo[a]pyrene	ND		1.45	1.34		mg/Kg		93	48 - 115
Benzo[k]fluoranthene	ND		1.70	1.44		mg/Kg		84	39 - 115
Indeno[1,2,3-cd]pyrene	ND		1.63	1.46		mg/Kg		89	50 - 115
Benzo[g,h,i]perylene	ND		1.57	1.48		mg/Kg		95	43 - 115
Benzoic acid	ND		1.67	ND		mg/Kg		11	0 - 115
Azobenzene	ND		1.66	1.28		mg/Kg		77	48 - 115
Dibenz(a,h)anthracene	ND		1.60	1.44		mg/Kg		90	49 - 115

Surrogate	MS % Recovery	MS Qualifier	Limits
Nitrobenzene-d5	72		21 - 98
2-Fluorobiphenyl	77		30 - 112
Terphenyl-d14	83		32 - 117
2-Fluorophenol	68		28 - 98
Phenol-d5	72		23 - 101
2,4,6-Tribromophenol	87		37 - 114

Lab Sample ID: 720-34315-A-1-H MSD

Matrix: Solid

Analysis Batch: 89087

Client Sample ID: 720-34315-A-1-H MSD

Prep Type: Total/NA

Prep Batch: 89072

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Phenol	ND		1.64	1.19		mg/Kg		73	23 - 115	1	35
Bis(2-chloroethyl)ether	ND		1.62	0.681		mg/Kg		42	27 - 115	2	35
2-Chlorophenol	ND		1.64	1.14		mg/Kg		70	16 - 115	1	35
1,3-Dichlorobenzene	ND		1.62	1.07		mg/Kg		66	22 - 115	3	35
1,4-Dichlorobenzene	ND		1.62	1.05		mg/Kg		65	21 - 115	2	35

TestAmerica San Francisco

Quality Control Data

Client: Treadwell & Rollo
Project/Site: SFVA Medical Center

TestAmerica Job ID: 720-34327-1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Lab Sample ID: 720-34315-A-1-H MSD

Matrix: Solid

Analysis Batch: 89087

Client Sample ID: 720-34315-A-1-H MSD

Prep Type: Total/NA

Prep Batch: 89072

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	% Rec	% Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
Benzyl alcohol	ND		1.63	1.27		mg/Kg		78	28 - 115	2	35
1,2-Dichlorobenzene	ND		1.62	1.16		mg/Kg		72	25 - 115	0	35
2-Methylphenol	ND		1.62	1.10		mg/Kg		68	32 - 115	2	35
Methylphenol, 3 & 4	ND		3.29	2.05		mg/Kg		62	28 - 115	0	35
N-Nitrosodi-n-propylamine	ND		1.62	1.14		mg/Kg		70	27 - 115	2	35
Hexachloroethane	ND		1.63	1.08		mg/Kg		66	19 - 115	2	35
Nitrobenzene	ND		1.61	1.18		mg/Kg		73	30 - 115	0	35
Isophorone	ND		1.61	1.20		mg/Kg		74	36 - 115	3	35
2-Nitrophenol	ND		1.63	1.20		mg/Kg		74	11 - 116	2	35
2,4-Dimethylphenol	ND		1.60	0.959		mg/Kg		60	36 - 115	5	35
Bis(2-chloroethoxy)methane	ND		1.62	1.14		mg/Kg		70	28 - 115	2	35
2,4-Dichlorophenol	ND		1.64	1.21		mg/Kg		74	17 - 115	1	35
1,2,4-Trichlorobenzene	ND		1.62	1.24		mg/Kg		76	29 - 115	2	35
Naphthalene	ND		1.64	1.21		mg/Kg		74	22 - 115	2	35
4-Chloroaniline	ND		1.57	1.30		mg/Kg		82	7 - 115	3	35
Hexachlorobutadiene	ND		1.64	1.23		mg/Kg		75	26 - 115	1	35
4-Chloro-3-methylphenol	ND		1.63	1.19		mg/Kg		73	42 - 115	4	35
2-Methylnaphthalene	ND		1.62	1.28		mg/Kg		79	28 - 115	3	35
Hexachlorocyclopentadiene	ND		1.75	1.38		mg/Kg		79	15 - 115	1	35
2,4,6-Trichlorophenol	ND		1.62	1.23		mg/Kg		76	25 - 115	4	35
2,4,5-Trichlorophenol	ND		1.63	1.29		mg/Kg		79	38 - 115	1	35
2-Chloronaphthalene	ND		1.64	1.27		mg/Kg		78	38 - 115	3	35
2-Nitroaniline	ND		1.66	1.35		mg/Kg		81	43 - 115	1	35
Dimethyl phthalate	ND		1.65	1.30		mg/Kg		78	55 - 116	1	35
Acenaphthylene	ND		1.66	1.44		mg/Kg		87	49 - 120	4	35
3-Nitroaniline	ND		1.68	1.41		mg/Kg		84	39 - 115	1	35
Acenaphthene	ND		1.66	1.27		mg/Kg		76	42 - 115	4	35
2,4-Dinitrophenol	ND		1.66	0.542		mg/Kg		33	13 - 122	9	35
4-Nitrophenol	ND		1.67	1.43		mg/Kg		86	25 - 147	2	35
Dibenzofuran	ND		1.65	1.32		mg/Kg		80	43 - 115	5	35
2,4-Dinitrotoluene	ND		1.64	1.46		mg/Kg		89	47 - 115	4	35
2,6-Dinitrotoluene	ND		1.66	1.35		mg/Kg		81	55 - 115	2	35
Diethyl phthalate	ND		1.66	1.41		mg/Kg		85	48 - 115	0	35
4-Chlorophenyl phenyl ether	ND		1.64	1.29		mg/Kg		78	44 - 115	4	35
Fluorene	ND		1.65	1.32		mg/Kg		80	41 - 115	3	35
4-Nitroaniline	ND		1.63	1.41		mg/Kg		87	47 - 120	3	35
2-Methyl-4,6-dinitrophenol	ND		1.67	1.12		mg/Kg		67	19 - 132	3	35
N-Nitrosodiphenylamine	ND		1.54	1.40		mg/Kg		91	43 - 115	1	35
4-Bromophenyl phenyl ether	ND		1.65	1.35		mg/Kg		82	45 - 115	2	35
Hexachlorobenzene	ND		1.65	1.46		mg/Kg		88	48 - 115	3	35
Pentachlorophenol	ND		1.67	1.29		mg/Kg		77	7 - 132	3	35
Phenanthrene	ND		1.64	1.39		mg/Kg		85	38 - 115	4	35
Anthracene	ND		1.63	1.41		mg/Kg		87	47 - 115	0	35
Di-n-butyl phthalate	ND		1.64	1.43		mg/Kg		87	46 - 115	2	35
Fluoranthene	ND		1.63	1.50		mg/Kg		92	40 - 115	3	35
Pyrene	ND		1.63	1.45		mg/Kg		89	35 - 115	5	35
Butyl benzyl phthalate	ND		1.77	1.41		mg/Kg		80	40 - 115	4	35
3,3'-Dichlorobenzidine	ND		1.64	1.29		mg/Kg		79	17 - 115	8	35
Benzo[a]anthracene	ND		1.60	1.46		mg/Kg		91	42 - 115	5	35

TestAmerica San Francisco

Quality Control Data

Client: Treadwell & Rollo
Project/Site: SFVA Medical Center

TestAmerica Job ID: 720-34327-1

Method: 8270C - Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS) (Continued)

Lab Sample ID: 720-34315-A-1-H MSD

Matrix: Solid

Analysis Batch: 89087

Client Sample ID: 720-34315-A-1-H MSD

Prep Type: Total/NA

Prep Batch: 89072

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Bis(2-ethylhexyl) phthalate	ND		1.66	1.32		mg/Kg		80	42 - 115	3	35
Chrysene	ND		1.61	1.43		mg/Kg		89	37 - 115	2	35
Di-n-octyl phthalate	ND		1.69	1.28		mg/Kg		76	46 - 115	4	35
Benzo[b]fluoranthene	ND		1.68	1.38		mg/Kg		82	43 - 115	5	35
Benzo[a]pyrene	ND		1.44	1.37		mg/Kg		95	48 - 115	2	35
Benzo[k]fluoranthene	ND		1.70	1.44		mg/Kg		85	39 - 115	0	35
Indeno[1,2,3-cd]pyrene	ND		1.63	1.52		mg/Kg		93	50 - 115	4	35
Benzo[g,h,i]perylene	ND		1.56	1.55		mg/Kg		99	43 - 115	4	35
Benzoic acid	ND		1.67	ND		mg/Kg		16	0 - 115	35	35
Azobenzene	ND		1.66	1.27		mg/Kg		76	48 - 115	1	35
Dibenz(a,h)anthracene	ND		1.60	1.49		mg/Kg		93	49 - 115	4	35

Surrogate	MSD % Recovery	MSD Qualifier	Limits
Nitrobenzene-d5	72		21 - 98
2-Fluorobiphenyl	76		30 - 112
Terphenyl-d14	87		32 - 117
2-Fluorophenol	69		28 - 98
Phenol-d5	72		23 - 101
2,4,6-Tribromophenol	89		37 - 114

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 720-89086/1-A

Matrix: Solid

Analysis Batch: 89119

Client Sample ID: MB 720-89086/1-A

Prep Type: Total/NA

Prep Batch: 89086

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		0.99		mg/Kg		04/06/11 15:37	04/07/11 23:30	1
Motor Oil Range Organics [C24-C36]	ND		49		mg/Kg		04/06/11 15:37	04/07/11 23:30	1

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
p-Terphenyl	116		50 - 150	04/06/11 15:37	04/07/11 23:30	1

Lab Sample ID: LCS 720-89086/2-A

Matrix: Solid

Analysis Batch: 89119

Client Sample ID: LCS 720-89086/2-A

Prep Type: Total/NA

Prep Batch: 89086

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Diesel Range Organics [C10-C28]	82.6	82.1		mg/Kg		99	50 - 150

Surrogate	LCS % Recovery	LCS Qualifier	Limits
p-Terphenyl	105		50 - 150

Quality Control Data

Client: Treadwell & Rollo
Project/Site: SFVA Medical Center

TestAmerica Job ID: 720-34327-1

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 720-89086/3-A

Matrix: Solid

Analysis Batch: 89119

Client Sample ID: LCSD 720-89086/3-A

Prep Type: Total/NA

Prep Batch: 89086

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	82.6	91.9		mg/Kg		111	50 - 150	11	20
Surrogate	% Recovery	LCSD Qualifier	LCSD	Limits					
p-Terphenyl	116			50 - 150					

Lab Sample ID: 720-34340-A-1-C MS

Matrix: Solid

Analysis Batch: 89119

Client Sample ID: 720-34340-A-1-C MS

Prep Type: Total/NA

Prep Batch: 89086

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	13		82.5	101		mg/Kg		106	50 - 150		
Surrogate	% Recovery	MS Qualifier	MS	Limits							
p-Terphenyl	104			50 - 150							

Lab Sample ID: 720-34340-A-1-D MSD

Matrix: Solid

Analysis Batch: 89119

Client Sample ID: 720-34340-A-1-D MSD

Prep Type: Total/NA

Prep Batch: 89086

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	13		82.8	102		mg/Kg		107	50 - 150	1	20
Surrogate	% Recovery	MSD Qualifier	MSD	Limits							
p-Terphenyl	87			50 - 150							

Method: 8081A_ASP - Organochlorine Pesticides (GC)

Lab Sample ID: MB 720-88993/1-A

Matrix: Solid

Analysis Batch: 88968

Client Sample ID: MB 720-88993/1-A

Prep Type: Total/NA

Prep Batch: 88993

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		2.0		ug/Kg		04/05/11 13:39	04/05/11 17:09	1
Dieldrin	ND		2.0		ug/Kg		04/05/11 13:39	04/05/11 17:09	1
Endrin aldehyde	ND		2.0		ug/Kg		04/05/11 13:39	04/05/11 17:09	1
Endrin	ND		2.0		ug/Kg		04/05/11 13:39	04/05/11 17:09	1
Endrin ketone	ND		2.0		ug/Kg		04/05/11 13:39	04/05/11 17:09	1
Heptachlor	ND		2.0		ug/Kg		04/05/11 13:39	04/05/11 17:09	1
Heptachlor epoxide	ND		2.0		ug/Kg		04/05/11 13:39	04/05/11 17:09	1
4,4'-DDT	ND		2.0		ug/Kg		04/05/11 13:39	04/05/11 17:09	1
4,4'-DDE	ND		2.0		ug/Kg		04/05/11 13:39	04/05/11 17:09	1
4,4'-DDD	ND		2.0		ug/Kg		04/05/11 13:39	04/05/11 17:09	1
Endosulfan I	ND		2.0		ug/Kg		04/05/11 13:39	04/05/11 17:09	1
Endosulfan II	ND		2.0		ug/Kg		04/05/11 13:39	04/05/11 17:09	1
alpha-BHC	ND		2.0		ug/Kg		04/05/11 13:39	04/05/11 17:09	1
beta-BHC	ND		2.0		ug/Kg		04/05/11 13:39	04/05/11 17:09	1
gamma-BHC (Lindane)	ND		2.0		ug/Kg		04/05/11 13:39	04/05/11 17:09	1

TestAmerica San Francisco

Quality Control Data

Client: Treadwell & Rollo
Project/Site: SFVA Medical Center

TestAmerica Job ID: 720-34327-1

Method: 8081A_ASP - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 720-88993/1-A

Matrix: Solid

Analysis Batch: 88968

Client Sample ID: MB 720-88993/1-A

Prep Type: Total/NA

Prep Batch: 88993

Analyte	Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
delta-BHC	ND		2.0		ug/Kg		04/05/11 13:39	04/05/11 17:09	1
Endosulfan sulfate	ND		2.0		ug/Kg		04/05/11 13:39	04/05/11 17:09	1
Toxaphene	ND		40		ug/Kg		04/05/11 13:39	04/05/11 17:09	1
Chlordane (technical)	ND		40		ug/Kg		04/05/11 13:39	04/05/11 17:09	1
alpha-Chlordane	ND		2.0		ug/Kg		04/05/11 13:39	04/05/11 17:09	1
gamma-Chlordane	ND		2.0		ug/Kg		04/05/11 13:39	04/05/11 17:09	1

Surrogate	% Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	95		45 - 119	04/05/11 13:39	04/05/11 17:09	1
DCB Decachlorobiphenyl	101		27 - 136	04/05/11 13:39	04/05/11 17:09	1

Lab Sample ID: LCS 720-88993/2-A

Matrix: Solid

Analysis Batch: 88968

Client Sample ID: LCS 720-88993/2-A

Prep Type: Total/NA

Prep Batch: 88993

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Aldrin	16.6	15.1		ug/Kg		91	54 - 120
Dieldrin	16.6	15.4		ug/Kg		92	59 - 120
Endrin aldehyde	16.6	16.3		ug/Kg		98	40 - 120
Endrin	16.6	15.5		ug/Kg		93	53 - 120
Endrin ketone	16.6	17.6		ug/Kg		106	40 - 120
Heptachlor	16.6	15.4		ug/Kg		93	54 - 120
Heptachlor epoxide	16.6	15.5		ug/Kg		93	40 - 120
4,4'-DDT	16.6	16.5		ug/Kg		100	51 - 120
4,4'-DDE	16.6	15.6		ug/Kg		94	40 - 120
4,4'-DDD	16.6	15.8		ug/Kg		95	40 - 120
Endosulfan I	16.6	15.6		ug/Kg		94	40 - 120
Endosulfan II	16.6	12.5		ug/Kg		76	40 - 120
alpha-BHC	16.6	15.3		ug/Kg		92	40 - 120
beta-BHC	16.6	16.1		ug/Kg		97	40 - 120
gamma-BHC (Lindane)	16.6	15.9		ug/Kg		96	58 - 120
delta-BHC	16.6	13.8		ug/Kg		83	40 - 120
Endosulfan sulfate	16.6	16.1		ug/Kg		97	40 - 120
alpha-Chlordane	16.6	15.7		ug/Kg		94	40 - 120
gamma-Chlordane	16.6	15.3		ug/Kg		92	40 - 120

Surrogate	% Recovery	LCS Qualifier	Limits
Tetrachloro-m-xylene	96		45 - 119
DCB Decachlorobiphenyl	103		27 - 136

Lab Sample ID: LCSD 720-88993/3-A

Matrix: Solid

Analysis Batch: 88968

Client Sample ID: LCSD 720-88993/3-A

Prep Type: Total/NA

Prep Batch: 88993

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Aldrin	16.7	13.1		ug/Kg		79	54 - 120	14	20
Dieldrin	16.7	14.8		ug/Kg		89	59 - 120	4	20
Endrin aldehyde	16.7	16.1		ug/Kg		96	40 - 120	2	20
Endrin	16.7	15.1		ug/Kg		91	53 - 120	3	20

TestAmerica San Francisco

Quality Control Data

Client: Treadwell & Rollo
Project/Site: SFVA Medical Center

TestAmerica Job ID: 720-34327-1

Method: 8081A_ASP - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCSD 720-88993/3-A

Matrix: Solid

Analysis Batch: 88968

Client Sample ID: LCSD 720-88993/3-A

Prep Type: Total/NA

Prep Batch: 88993

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Endrin ketone	16.7	17.5		ug/Kg		105	40 - 120	1	20
Heptachlor	16.7	14.8		ug/Kg		89	54 - 120	4	20
Heptachlor epoxide	16.7	15.0		ug/Kg		90	40 - 120	4	20
4,4'-DDT	16.7	16.3		ug/Kg		97	51 - 120	2	20
4,4'-DDE	16.7	15.0		ug/Kg		90	40 - 120	4	20
4,4'-DDD	16.7	15.5		ug/Kg		93	40 - 120	2	20
Endosulfan I	16.7	15.1		ug/Kg		91	40 - 120	3	20
Endosulfan II	16.7	12.8		ug/Kg		77	40 - 120	2	30
alpha-BHC	16.7	14.6		ug/Kg		88	40 - 120	5	20
beta-BHC	16.7	15.5		ug/Kg		93	40 - 120	4	20
gamma-BHC (Lindane)	16.7	14.9		ug/Kg		90	58 - 120	6	20
delta-BHC	16.7	13.7		ug/Kg		82	40 - 120	1	20
Endosulfan sulfate	16.7	15.9		ug/Kg		95	40 - 120	1	20
alpha-Chlordane	16.7	15.1		ug/Kg		91	40 - 120	4	20
gamma-Chlordane	16.7	14.8		ug/Kg		89	40 - 120	3	20

Surrogate	LCSD % Recovery	LCSD Qualifier	Limits
Tetrachloro-m-xylene	92		45 - 119
DCB Decachlorobiphenyl	102		27 - 136

Lab Sample ID: 720-34331-A-4-B MS

Matrix: Solid

Analysis Batch: 88968

Client Sample ID: 720-34331-A-4-B MS

Prep Type: Total/NA

Prep Batch: 88993

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Aldrin	ND		16.6	13.3		ug/Kg		80	53 - 120
Dieldrin	ND		16.6	13.8		ug/Kg		83	46 - 130
Endrin aldehyde	ND		16.6	12.9		ug/Kg		78	40 - 120
Endrin	ND		16.6	13.3		ug/Kg		80	32 - 143
Endrin ketone	ND		16.6	15.5		ug/Kg		93	40 - 120
Heptachlor	ND		16.6	13.6		ug/Kg		82	52 - 120
Heptachlor epoxide	ND		16.6	13.4		ug/Kg		81	40 - 120
4,4'-DDT	ND		16.6	15.0		ug/Kg		90	17 - 144
4,4'-DDE	3.2		16.6	17.5		ug/Kg		86	40 - 120
4,4'-DDD	ND		16.6	13.7		ug/Kg		82	40 - 120
Endosulfan I	ND		16.6	13.3		ug/Kg		80	40 - 120
Endosulfan II	ND		16.6	12.7		ug/Kg		76	40 - 120
alpha-BHC	ND		16.6	13.4		ug/Kg		80	40 - 120
beta-BHC	ND		16.6	14.0		ug/Kg		84	40 - 120
gamma-BHC (Lindane)	ND		16.6	13.6		ug/Kg		82	58 - 120
delta-BHC	ND		16.6	12.3		ug/Kg		74	40 - 120
Endosulfan sulfate	ND		16.6	13.7		ug/Kg		82	40 - 120
alpha-Chlordane	ND		16.6	13.7		ug/Kg		82	40 - 120
gamma-Chlordane	ND		16.6	13.6		ug/Kg		82	40 - 120

Surrogate	MS % Recovery	MS Qualifier	Limits
Tetrachloro-m-xylene	82		45 - 119
DCB Decachlorobiphenyl	85		27 - 136

TestAmerica San Francisco

Quality Control Data

Client: Treadwell & Rollo
Project/Site: SFVA Medical Center

TestAmerica Job ID: 720-34327-1

Method: 8081A_ASP - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 720-34331-A-4-C MSD

Matrix: Solid

Analysis Batch: 88968

Client Sample ID: 720-34331-A-4-C MSD

Prep Type: Total/NA

Prep Batch: 88993

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Aldrin	ND		16.6	11.3		ug/Kg		68	53 - 120	17	20
Dieldrin	ND		16.6	12.5		ug/Kg		75	46 - 130	10	20
Endrin aldehyde	ND		16.6	10.6		ug/Kg		64	40 - 120	19	20
Endrin	ND		16.6	12.0		ug/Kg		72	32 - 143	10	20
Endrin ketone	ND		16.6	12.7		ug/Kg		77	40 - 120	19	20
Heptachlor	ND		16.6	11.3		ug/Kg		68	52 - 120	18	20
Heptachlor epoxide	ND		16.6	12.2		ug/Kg		73	40 - 120	10	20
4,4'-DDT	ND		16.6	13.9		ug/Kg		84	17 - 144	7	20
4,4'-DDE	3.2		16.6	16.6		ug/Kg		81	40 - 120	5	20
4,4'-DDD	ND		16.6	12.6		ug/Kg		76	40 - 120	8	20
Endosulfan I	ND		16.6	12.1		ug/Kg		73	40 - 120	10	20
Endosulfan II	ND		16.6	7.90	F	ug/Kg		48	40 - 120	46	30
alpha-BHC	ND		16.6	10.4	F	ug/Kg		63	40 - 120	25	20
beta-BHC	ND		16.6	12.6		ug/Kg		76	40 - 120	11	20
gamma-BHC (Lindane)	ND		16.6	11.2		ug/Kg		68	58 - 120	19	20
delta-BHC	ND		16.6	11.1		ug/Kg		67	40 - 120	10	20
Endosulfan sulfate	ND		16.6	12.2		ug/Kg		73	40 - 120	12	20
alpha-Chlordane	ND		16.6	12.5		ug/Kg		75	40 - 120	9	20
gamma-Chlordane	ND		16.6	11.6		ug/Kg		70	40 - 120	16	20

Surrogate	MSD % Recovery	MSD Qualifier	Limits
Tetrachloro-m-xylene	62		45 - 119
DCB Decachlorobiphenyl	79		27 - 136

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 720-89090/1-A

Matrix: Solid

Analysis Batch: 89184

Client Sample ID: MB 720-89090/1-A

Prep Type: Total/NA

Prep Batch: 89090

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		50		ug/Kg		04/06/11 16:53	04/07/11 19:06	1
PCB-1221	ND		50		ug/Kg		04/06/11 16:53	04/07/11 19:06	1
PCB-1232	ND		50		ug/Kg		04/06/11 16:53	04/07/11 19:06	1
PCB-1242	ND		50		ug/Kg		04/06/11 16:53	04/07/11 19:06	1
PCB-1248	ND		50		ug/Kg		04/06/11 16:53	04/07/11 19:06	1
PCB-1254	ND		50		ug/Kg		04/06/11 16:53	04/07/11 19:06	1
PCB-1260	ND		50		ug/Kg		04/06/11 16:53	04/07/11 19:06	1

Surrogate	MB % Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	97		32 - 112	04/06/11 16:53	04/07/11 19:06	1
DCB Decachlorobiphenyl	100		2 - 122	04/06/11 16:53	04/07/11 19:06	1

Lab Sample ID: LCS 720-89090/2-A

Matrix: Solid

Analysis Batch: 89184

Client Sample ID: LCS 720-89090/2-A

Prep Type: Total/NA

Prep Batch: 89090

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
PCB-1016	132	128		ug/Kg		97	65 - 120

TestAmerica San Francisco

Quality Control Data

Client: Treadwell & Rollo
Project/Site: SFVA Medical Center

TestAmerica Job ID: 720-34327-1

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 720-89090/2-A

Matrix: Solid

Analysis Batch: 89184

Client Sample ID: LCS 720-89090/2-A

Prep Type: Total/NA

Prep Batch: 89090

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits		
PCB-1260			132	123		ug/Kg		93	65 - 120		
Surrogate		LCS % Recovery	LCS Qualifier	Limits							
Tetrachloro-m-xylene		93		32 - 112							
DCB Decachlorobiphenyl		94		2 - 122							

Lab Sample ID: LCSD 720-89090/3-A

Matrix: Solid

Analysis Batch: 89184

Client Sample ID: LCSD 720-89090/3-A

Prep Type: Total/NA

Prep Batch: 89090

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	Limit
PCB-1016			132	134		ug/Kg		102	65 - 120	5	20
PCB-1260			132	126		ug/Kg		95	65 - 120	3	20
Surrogate		LCSD % Recovery	LCSD Qualifier	Limits							
Tetrachloro-m-xylene		95		32 - 112							
DCB Decachlorobiphenyl		95		2 - 122							

Lab Sample ID: 720-34342-A-5-G MS

Matrix: Solid

Analysis Batch: 89184

Client Sample ID: 720-34342-A-5-G MS

Prep Type: Total/NA

Prep Batch: 89090

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits		
PCB-1016	ND		131	117		ug/Kg		89	69 - 120		
PCB-1260	ND		131	104		ug/Kg		79	73 - 114		
Surrogate		MS % Recovery	MS Qualifier	Limits							
Tetrachloro-m-xylene		87		32 - 112							
DCB Decachlorobiphenyl		73		2 - 122							

Lab Sample ID: 720-34342-A-5-H MSD

Matrix: Solid

Analysis Batch: 89184

Client Sample ID: 720-34342-A-5-H MSD

Prep Type: Total/NA

Prep Batch: 89090

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	Limit
PCB-1016	ND		132	137		ug/Kg		104	69 - 120	16	20
PCB-1260	ND		132	102		ug/Kg		77	73 - 114	2	20
Surrogate		MSD % Recovery	MSD Qualifier	Limits							
Tetrachloro-m-xylene		83		32 - 112							
DCB Decachlorobiphenyl		67		2 - 122							

Quality Control Data

Client: Treadwell & Rollo
Project/Site: SFVA Medical Center

TestAmerica Job ID: 720-34327-1

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 720-89174/1-A

Matrix: Solid

Analysis Batch: 89262

Client Sample ID: MB 720-89174/1-A

Prep Type: Total/NA

Prep Batch: 89174

Analyte	Result	MB MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.50		mg/Kg		04/07/11 16:05	04/08/11 12:25	1
Arsenic	ND		1.0		mg/Kg		04/07/11 16:05	04/08/11 12:25	1
Barium	ND		0.50		mg/Kg		04/07/11 16:05	04/08/11 12:25	1
Beryllium	ND		0.10		mg/Kg		04/07/11 16:05	04/08/11 12:25	1
Cadmium	ND		0.12		mg/Kg		04/07/11 16:05	04/08/11 12:25	1
Chromium	ND		0.50		mg/Kg		04/07/11 16:05	04/08/11 12:25	1
Cobalt	ND		0.20		mg/Kg		04/07/11 16:05	04/08/11 12:25	1
Copper	ND		1.5		mg/Kg		04/07/11 16:05	04/08/11 12:25	1
Lead	ND		0.50		mg/Kg		04/07/11 16:05	04/08/11 12:25	1
Molybdenum	ND		0.50		mg/Kg		04/07/11 16:05	04/08/11 12:25	1
Nickel	ND		0.50		mg/Kg		04/07/11 16:05	04/08/11 12:25	1
Selenium	ND		1.0		mg/Kg		04/07/11 16:05	04/08/11 12:25	1
Silver	ND		0.25		mg/Kg		04/07/11 16:05	04/08/11 12:25	1
Thallium	ND		0.50		mg/Kg		04/07/11 16:05	04/08/11 12:25	1
Vanadium	ND		0.50		mg/Kg		04/07/11 16:05	04/08/11 12:25	1
Zinc	ND		1.5		mg/Kg		04/07/11 16:05	04/08/11 12:25	1

Lab Sample ID: LCS 720-89174/2-A

Matrix: Solid

Analysis Batch: 89262

Client Sample ID: LCS 720-89174/2-A

Prep Type: Total/NA

Prep Batch: 89174

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Antimony	50.0	45.6		mg/Kg		91	80 - 120
Arsenic	50.0	46.9		mg/Kg		94	80 - 120
Barium	50.0	48.4		mg/Kg		97	80 - 120
Beryllium	50.0	48.2		mg/Kg		96	80 - 120
Cadmium	50.0	48.3		mg/Kg		97	80 - 120
Chromium	50.0	47.1		mg/Kg		94	80 - 120
Cobalt	50.0	49.0		mg/Kg		98	80 - 120
Copper	50.0	47.6		mg/Kg		95	80 - 120
Lead	50.0	48.1		mg/Kg		96	80 - 120
Molybdenum	50.0	49.0		mg/Kg		98	80 - 120
Nickel	50.0	47.7		mg/Kg		95	80 - 120
Selenium	50.0	45.6		mg/Kg		91	80 - 120
Silver	25.0	23.5		mg/Kg		94	80 - 120
Thallium	50.0	48.2		mg/Kg		96	80 - 120
Vanadium	50.0	47.9		mg/Kg		96	80 - 120
Zinc	50.0	47.7		mg/Kg		95	80 - 120

Lab Sample ID: LCSD 720-89174/3-A

Matrix: Solid

Analysis Batch: 89262

Client Sample ID: LCSD 720-89174/3-A

Prep Type: Total/NA

Prep Batch: 89174

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Antimony	50.0	46.9		mg/Kg		94	80 - 120	3	20
Arsenic	50.0	47.2		mg/Kg		94	80 - 120	1	20
Barium	50.0	48.5		mg/Kg		97	80 - 120	0	20
Beryllium	50.0	47.8		mg/Kg		96	80 - 120	1	20
Cadmium	50.0	48.5		mg/Kg		97	80 - 120	1	20
Chromium	50.0	46.9		mg/Kg		94	80 - 120	0	20

TestAmerica San Francisco

Quality Control Data

Client: Treadwell & Rollo
Project/Site: SFVA Medical Center

TestAmerica Job ID: 720-34327-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCSD 720-89174/3-A

Matrix: Solid

Analysis Batch: 89262

Client Sample ID: LCSD 720-89174/3-A

Prep Type: Total/NA

Prep Batch: 89174

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Cobalt	50.0	49.2		mg/Kg		98	80 - 120	1	20
Copper	50.0	47.4		mg/Kg		95	80 - 120	0	20
Lead	50.0	48.2		mg/Kg		96	80 - 120	0	20
Molybdenum	50.0	49.6		mg/Kg		99	80 - 120	1	20
Nickel	50.0	47.7		mg/Kg		95	80 - 120	0	20
Selenium	50.0	45.7		mg/Kg		91	80 - 120	0	20
Silver	25.0	23.6		mg/Kg		95	80 - 120	1	20
Thallium	50.0	48.0		mg/Kg		96	80 - 120	0	20
Vanadium	50.0	48.1		mg/Kg		96	80 - 120	0	20
Zinc	50.0	47.9		mg/Kg		96	80 - 120	0	20

Lab Sample ID: 720-34286-D-4-G MS

Matrix: Solid

Analysis Batch: 89262

Client Sample ID: 720-34286-D-4-G MS

Prep Type: Total/NA

Prep Batch: 89174

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Antimony	ND		42.0	18.7	F	mg/Kg		43	75 - 125		
Arsenic	ND		42.0	43.0		mg/Kg		95	75 - 125		
Barium	59		42.0	125	F	mg/Kg		157	75 - 125		
Beryllium	ND		42.0	42.8		mg/Kg		102	75 - 125		
Cadmium	ND		42.0	40.5		mg/Kg		96	75 - 125		
Chromium	29		42.0	84.4	F	mg/Kg		132	75 - 125		
Cobalt	8.1		42.0	48.6		mg/Kg		96	75 - 125		
Copper	11		42.0	59.7		mg/Kg		115	75 - 125		
Lead	16		42.0	55.8		mg/Kg		94	75 - 125		
Molybdenum	ND		42.0	37.7		mg/Kg		88	75 - 125		
Nickel	28		42.0	75.5		mg/Kg		113	75 - 125		
Selenium	ND		42.0	37.5		mg/Kg		89	75 - 125		
Silver	ND		21.0	20.6		mg/Kg		98	75 - 125		
Thallium	ND		42.0	39.5		mg/Kg		92	75 - 125		
Vanadium	28		42.0	81.5	F	mg/Kg		128	75 - 125		
Zinc	35		42.0	83.7		mg/Kg		117	75 - 125		

Lab Sample ID: 720-34286-D-4-H MSD

Matrix: Solid

Analysis Batch: 89262

Client Sample ID: 720-34286-D-4-H MSD

Prep Type: Total/NA

Prep Batch: 89174

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Antimony	ND		42.0	16.4	F	mg/Kg		37	75 - 125	13	20
Arsenic	ND		42.0	46.2		mg/Kg		102	75 - 125	7	20
Barium	59		42.0	158	F	mg/Kg		236	75 - 125	23	20
Beryllium	ND		42.0	49.9		mg/Kg		119	75 - 125	15	20
Cadmium	ND		42.0	42.5		mg/Kg		101	75 - 125	5	20
Chromium	29		42.0	94.8	F	mg/Kg		157	75 - 125	12	20
Cobalt	8.1		42.0	51.4		mg/Kg		103	75 - 125	6	20
Copper	11		42.0	65.8	F	mg/Kg		130	75 - 125	10	20
Lead	16		42.0	60.7		mg/Kg		106	75 - 125	9	20
Molybdenum	ND		42.0	39.3		mg/Kg		92	75 - 125	4	20
Nickel	28		42.0	78.4		mg/Kg		120	75 - 125	4	20
Selenium	ND		42.0	40.7		mg/Kg		97	75 - 125	8	20

TestAmerica San Francisco

Quality Control Data

Client: Treadwell & Rollo
Project/Site: SFVA Medical Center

TestAmerica Job ID: 720-34327-1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 720-34286-D-4-H MSD

Matrix: Solid

Analysis Batch: 89262

Client Sample ID: 720-34286-D-4-H MSD

Prep Type: Total/NA

Prep Batch: 89174

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Silver	ND		21.0	23.5		mg/Kg		112	75 - 125	13	20
Thallium	ND		42.0	41.7		mg/Kg		98	75 - 125	5	20
Vanadium	28		42.0	91.4	F	mg/Kg		152	75 - 125	11	20
Zinc	35		42.0	89.4	F	mg/Kg		130	75 - 125	7	20

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 720-89071/1-A

Matrix: Solid

Analysis Batch: 89179

Client Sample ID: MB 720-89071/1-A

Prep Type: Total/NA

Prep Batch: 89071

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.010		mg/Kg		04/06/11 14:03	04/07/11 15:29	1

Lab Sample ID: LCS 720-89071/2-A

Matrix: Solid

Analysis Batch: 89179

Client Sample ID: LCS 720-89071/2-A

Prep Type: Total/NA

Prep Batch: 89071

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	% Rec	% Rec. Limits
Mercury	0.833	0.833		mg/Kg		100	80 - 120

Lab Sample ID: LCSD 720-89071/3-A

Matrix: Solid

Analysis Batch: 89179

Client Sample ID: LCSD 720-89071/3-A

Prep Type: Total/NA

Prep Batch: 89071

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Mercury	0.833	0.833		mg/Kg		100	80 - 120	0	20

Lab Sample ID: 720-34289-A-15-E MS

Matrix: Solid

Analysis Batch: 89179

Client Sample ID: 720-34289-A-15-E MS

Prep Type: Total/NA

Prep Batch: 89071

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	% Rec	% Rec. Limits
Mercury	0.64		0.833	1.68		mg/Kg		125	75 - 125

Lab Sample ID: 720-34289-A-15-F MSD

Matrix: Solid

Analysis Batch: 89179

Client Sample ID: 720-34289-A-15-F MSD

Prep Type: Total/NA

Prep Batch: 89071

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	% Rec	% Rec. Limits	RPD	RPD Limit
Mercury	0.64		0.794	1.60		mg/Kg		122	75 - 125	5	20

QC Association Summary

Client: Treadwell & Rollo
Project/Site: SFVA Medical Center

TestAmerica Job ID: 720-34327-1

GC/MS VOA

Analysis Batch: 89001

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-34339-A-21-C MS	720-34339-A-21-C MS	Total/NA	Solid	8260B/CA_LUF TMS	89045
720-34339-A-21-D MSD	720-34339-A-21-D MSD	Total/NA	Solid	8260B/CA_LUF TMS	89045
720-34327-1	SFVA-SS2-8-8.5	Total/NA	Solid	8260B/CA_LUF TMS	89045
720-34327-3	SFVA-SS3-8.5-9	Total/NA	Solid	8260B/CA_LUF TMS	89045
720-34327-5	SFVA-SS4-9-9.5	Total/NA	Solid	8260B/CA_LUF TMS	89045
720-34327-7	SFVA-SS5-7-7.5	Total/NA	Solid	8260B/CA_LUF TMS	89045
LCS 720-89045/4-A	LCS 720-89045/4-A	Total/NA	Solid	8260B/CA_LUF TMS	89045
LCSD 720-89045/5-A	LCSD 720-89045/5-A	Total/NA	Solid	8260B/CA_LUF TMS	89045
MB 720-89045/1-A	MB 720-89045/1-A	Total/NA	Solid	8260B/CA_LUF TMS	89045
LCS 720-89045/2-A	LCS 720-89045/2-A	Total/NA	Solid	8260B/CA_LUF TMS	89045
LCSD 720-89045/3-A	LCSD 720-89045/3-A	Total/NA	Solid	8260B/CA_LUF TMS	89045

Prep Batch: 89045

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-89045/1-A	MB 720-89045/1-A	Total/NA	Solid	5030B	
720-34339-A-21-C MS	720-34339-A-21-C MS	Total/NA	Solid	5030B	
720-34339-A-21-D MSD	720-34339-A-21-D MSD	Total/NA	Solid	5030B	
720-34327-1	SFVA-SS2-8-8.5	Total/NA	Solid	5030B	
720-34327-3	SFVA-SS3-8.5-9	Total/NA	Solid	5030B	
720-34327-5	SFVA-SS4-9-9.5	Total/NA	Solid	5030B	
720-34327-7	SFVA-SS5-7-7.5	Total/NA	Solid	5030B	
LCS 720-89045/2-A	LCS 720-89045/2-A	Total/NA	Solid	5030B	
LCSD 720-89045/3-A	LCSD 720-89045/3-A	Total/NA	Solid	5030B	
LCS 720-89045/4-A	LCS 720-89045/4-A	Total/NA	Solid	5030B	
LCSD 720-89045/5-A	LCSD 720-89045/5-A	Total/NA	Solid	5030B	

GC/MS Semi VOA

Prep Batch: 89072

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-89072/1-A	MB 720-89072/1-A	Total/NA	Solid	3546	
720-34327-1	SFVA-SS2-8-8.5	Total/NA	Solid	3546	
720-34327-3	SFVA-SS3-8.5-9	Total/NA	Solid	3546	
LCS 720-89072/2-A	LCS 720-89072/2-A	Total/NA	Solid	3546	
720-34327-5	SFVA-SS4-9-9.5	Total/NA	Solid	3546	
720-34327-7	SFVA-SS5-7-7.5	Total/NA	Solid	3546	
LCSD 720-89072/3-A	LCSD 720-89072/3-A	Total/NA	Solid	3546	
720-34315-A-1-G MS	720-34315-A-1-G MS	Total/NA	Solid	3546	
720-34315-A-1-H MSD	720-34315-A-1-H MSD	Total/NA	Solid	3546	

Analysis Batch: 89087

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-34327-1	SFVA-SS2-8-8.5	Total/NA	Solid	8270C	89072
720-34327-3	SFVA-SS3-8.5-9	Total/NA	Solid	8270C	89072
720-34327-5	SFVA-SS4-9-9.5	Total/NA	Solid	8270C	89072
720-34327-7	SFVA-SS5-7-7.5	Total/NA	Solid	8270C	89072

TestAmerica San Francisco

QC Association Summary

Client: Treadwell & Rollo
Project/Site: SFVA Medical Center

TestAmerica Job ID: 720-34327-1

GC/MS Semi VOA (Continued)

Analysis Batch: 89087 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-89072/2-A	LCS 720-89072/2-A	Total/NA	Solid	8270C	89072
LCSD 720-89072/3-A	LCSD 720-89072/3-A	Total/NA	Solid	8270C	89072
MB 720-89072/1-A	MB 720-89072/1-A	Total/NA	Solid	8270C	89072
720-34315-A-1-G MS	720-34315-A-1-G MS	Total/NA	Solid	8270C	89072
720-34315-A-1-H MSD	720-34315-A-1-H MSD	Total/NA	Solid	8270C	89072

GC Semi VOA

Analysis Batch: 88968

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-88993/1-A	MB 720-88993/1-A	Total/NA	Solid	8081A_ASP	88993
LCS 720-88993/2-A	LCS 720-88993/2-A	Total/NA	Solid	8081A_ASP	88993
LCSD 720-88993/3-A	LCSD 720-88993/3-A	Total/NA	Solid	8081A_ASP	88993
720-34331-A-4-B MS	720-34331-A-4-B MS	Total/NA	Solid	8081A_ASP	88993
720-34331-A-4-C MSD	720-34331-A-4-C MSD	Total/NA	Solid	8081A_ASP	88993

Prep Batch: 88993

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-88993/1-A	MB 720-88993/1-A	Total/NA	Solid	3546	
LCS 720-88993/2-A	LCS 720-88993/2-A	Total/NA	Solid	3546	
720-34327-1	SFVA-SS2-8-8.5	Total/NA	Solid	3546	
720-34327-3	SFVA-SS3-8.5-9	Total/NA	Solid	3546	
720-34327-5	SFVA-SS4-9-9.5	Total/NA	Solid	3546	
720-34327-7	SFVA-SS5-7-7.5	Total/NA	Solid	3546	
LCSD 720-88993/3-A	LCSD 720-88993/3-A	Total/NA	Solid	3546	
720-34331-A-4-B MS	720-34331-A-4-B MS	Total/NA	Solid	3546	
720-34331-A-4-C MSD	720-34331-A-4-C MSD	Total/NA	Solid	3546	

Analysis Batch: 89068

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-34327-1	SFVA-SS2-8-8.5	Total/NA	Solid	8081A_ASP	88993
720-34327-3	SFVA-SS3-8.5-9	Total/NA	Solid	8081A_ASP	88993
720-34327-5	SFVA-SS4-9-9.5	Total/NA	Solid	8081A_ASP	88993

Prep Batch: 89086

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-89086/1-A	MB 720-89086/1-A	Total/NA	Solid	3546	
720-34327-1	SFVA-SS2-8-8.5	Total/NA	Solid	3546	
720-34327-3	SFVA-SS3-8.5-9	Total/NA	Solid	3546	
720-34327-5	SFVA-SS4-9-9.5	Total/NA	Solid	3546	
720-34327-7	SFVA-SS5-7-7.5	Total/NA	Solid	3546	
LCS 720-89086/2-A	LCS 720-89086/2-A	Total/NA	Solid	3546	
LCSD 720-89086/3-A	LCSD 720-89086/3-A	Total/NA	Solid	3546	
720-34340-A-1-C MS	720-34340-A-1-C MS	Total/NA	Solid	3546	
720-34340-A-1-D MSD	720-34340-A-1-D MSD	Total/NA	Solid	3546	

Prep Batch: 89090

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-89090/1-A	MB 720-89090/1-A	Total/NA	Solid	3546	
720-34342-A-5-G MS	720-34342-A-5-G MS	Total/NA	Solid	3546	
720-34342-A-5-H MSD	720-34342-A-5-H MSD	Total/NA	Solid	3546	
LCS 720-89090/2-A	LCS 720-89090/2-A	Total/NA	Solid	3546	

QC Association Summary

Client: Treadwell & Rollo
Project/Site: SFVA Medical Center

TestAmerica Job ID: 720-34327-1

GC Semi VOA (Continued)

Prep Batch: 89090 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 720-89090/3-A	LCSD 720-89090/3-A	Total/NA	Solid	3546	
720-34327-1	SFVA-SS2-8-8.5	Total/NA	Solid	3546	
720-34327-3	SFVA-SS3-8.5-9	Total/NA	Solid	3546	
720-34327-5	SFVA-SS4-9-9.5	Total/NA	Solid	3546	
720-34327-7	SFVA-SS5-7-7.5	Total/NA	Solid	3546	

Analysis Batch: 89119

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-34340-A-1-C MS	720-34340-A-1-C MS	Total/NA	Solid	8015B	89086
720-34340-A-1-D MSD	720-34340-A-1-D MSD	Total/NA	Solid	8015B	89086
720-34327-3	SFVA-SS3-8.5-9	Total/NA	Solid	8015B	89086
720-34327-5	SFVA-SS4-9-9.5	Total/NA	Solid	8015B	89086
720-34327-7	SFVA-SS5-7-7.5	Total/NA	Solid	8015B	89086
LCS 720-89086/2-A	LCS 720-89086/2-A	Total/NA	Solid	8015B	89086
LCSD 720-89086/3-A	LCSD 720-89086/3-A	Total/NA	Solid	8015B	89086
MB 720-89086/1-A	MB 720-89086/1-A	Total/NA	Solid	8015B	89086

Analysis Batch: 89184

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-34327-7	SFVA-SS5-7-7.5	Total/NA	Solid	8082	89090
720-34342-A-5-G MS	720-34342-A-5-G MS	Total/NA	Solid	8082	89090
720-34342-A-5-H MSD	720-34342-A-5-H MSD	Total/NA	Solid	8082	89090
MB 720-89090/1-A	MB 720-89090/1-A	Total/NA	Solid	8082	89090
LCS 720-89090/2-A	LCS 720-89090/2-A	Total/NA	Solid	8082	89090
LCSD 720-89090/3-A	LCSD 720-89090/3-A	Total/NA	Solid	8082	89090
720-34327-1	SFVA-SS2-8-8.5	Total/NA	Solid	8082	89090
720-34327-3	SFVA-SS3-8.5-9	Total/NA	Solid	8082	89090
720-34327-5	SFVA-SS4-9-9.5	Total/NA	Solid	8082	89090

Analysis Batch: 89185

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-34327-7	SFVA-SS5-7-7.5	Total/NA	Solid	8081A_ASP	88993

Analysis Batch: 89298

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-34327-1	SFVA-SS2-8-8.5	Total/NA	Solid	8015B	89086

Metals

Prep Batch: 89071

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-89071/1-A	MB 720-89071/1-A	Total/NA	Solid	7471A	
720-34327-1	SFVA-SS2-8-8.5	Total/NA	Solid	7471A	
720-34327-2	SFVA-BS2-16-16.5	Total/NA	Solid	7471A	
720-34327-3	SFVA-SS3-8.5-9	Total/NA	Solid	7471A	
720-34327-4	SFVA-BS3-17-17.5	Total/NA	Solid	7471A	
720-34327-5	SFVA-SS4-9-9.5	Total/NA	Solid	7471A	
720-34327-6	SFVA-BS4-18-18.5	Total/NA	Solid	7471A	
720-34327-7	SFVA-SS5-7-7.5	Total/NA	Solid	7471A	
LCS 720-89071/2-A	LCS 720-89071/2-A	Total/NA	Solid	7471A	
LCSD 720-89071/3-A	LCSD 720-89071/3-A	Total/NA	Solid	7471A	
720-34289-A-15-E MS	720-34289-A-15-E MS	Total/NA	Solid	7471A	

QC Association Summary

Client: Treadwell & Rollo
Project/Site: SFVA Medical Center

TestAmerica Job ID: 720-34327-1

Metals (Continued)

Prep Batch: 89071 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-34289-A-15-F MSD	720-34289-A-15-F MSD	Total/NA	Solid	7471A	

Prep Batch: 89174

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-89174/1-A	MB 720-89174/1-A	Total/NA	Solid	3050B	
720-34327-3	SFVA-SS3-8.5-9	Total/NA	Solid	3050B	
720-34327-4	SFVA-BS3-17-17.5	Total/NA	Solid	3050B	
720-34327-5	SFVA-SS4-9-9.5	Total/NA	Solid	3050B	
720-34327-6	SFVA-BS4-18-18.5	Total/NA	Solid	3050B	
720-34327-7	SFVA-SS5-7-7.5	Total/NA	Solid	3050B	
LCS 720-89174/2-A	LCS 720-89174/2-A	Total/NA	Solid	3050B	
LCSD 720-89174/3-A	LCSD 720-89174/3-A	Total/NA	Solid	3050B	
720-34286-D-4-G MS	720-34286-D-4-G MS	Total/NA	Solid	3050B	
720-34286-D-4-H MSD	720-34286-D-4-H MSD	Total/NA	Solid	3050B	
720-34327-1	SFVA-SS2-8-8.5	Total/NA	Solid	3050B	
720-34327-2	SFVA-BS2-16-16.5	Total/NA	Solid	3050B	

Analysis Batch: 89179

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-89071/1-A	MB 720-89071/1-A	Total/NA	Solid	7471A	89071
LCS 720-89071/2-A	LCS 720-89071/2-A	Total/NA	Solid	7471A	89071
LCSD 720-89071/3-A	LCSD 720-89071/3-A	Total/NA	Solid	7471A	89071
720-34289-A-15-E MS	720-34289-A-15-E MS	Total/NA	Solid	7471A	89071
720-34289-A-15-F MSD	720-34289-A-15-F MSD	Total/NA	Solid	7471A	89071

Analysis Batch: 89192

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-34327-5	SFVA-SS4-9-9.5	Total/NA	Solid	7471A	89071
720-34327-6	SFVA-BS4-18-18.5	Total/NA	Solid	7471A	89071
720-34327-7	SFVA-SS5-7-7.5	Total/NA	Solid	7471A	89071
720-34327-1	SFVA-SS2-8-8.5	Total/NA	Solid	7471A	89071
720-34327-2	SFVA-BS2-16-16.5	Total/NA	Solid	7471A	89071
720-34327-3	SFVA-SS3-8.5-9	Total/NA	Solid	7471A	89071
720-34327-4	SFVA-BS3-17-17.5	Total/NA	Solid	7471A	89071

Analysis Batch: 89262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-89174/1-A	MB 720-89174/1-A	Total/NA	Solid	6010B	89174
720-34327-1	SFVA-SS2-8-8.5	Total/NA	Solid	6010B	89174
720-34327-2	SFVA-BS2-16-16.5	Total/NA	Solid	6010B	89174
720-34327-3	SFVA-SS3-8.5-9	Total/NA	Solid	6010B	89174
720-34327-4	SFVA-BS3-17-17.5	Total/NA	Solid	6010B	89174
720-34327-5	SFVA-SS4-9-9.5	Total/NA	Solid	6010B	89174
720-34327-6	SFVA-BS4-18-18.5	Total/NA	Solid	6010B	89174
720-34327-7	SFVA-SS5-7-7.5	Total/NA	Solid	6010B	89174
LCS 720-89174/2-A	LCS 720-89174/2-A	Total/NA	Solid	6010B	89174
LCSD 720-89174/3-A	LCSD 720-89174/3-A	Total/NA	Solid	6010B	89174
720-34286-D-4-G MS	720-34286-D-4-G MS	Total/NA	Solid	6010B	89174
720-34286-D-4-H MSD	720-34286-D-4-H MSD	Total/NA	Solid	6010B	89174

Lab Chronicle

Client: Treadwell & Rollo
Project/Site: SFVA Medical Center

TestAmerica Job ID: 720-34327-1

Client Sample ID: SFVA-SS2-8-8.5

Date Collected: 04/01/11 13:00

Date Received: 04/04/11 15:45

Lab Sample ID: 720-34327-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			89045	04/05/11 15:42	YB	TestAmerica San Francisco
Total/NA	Analysis	8260B/CA_LUF TMS		1	89001	04/06/11 00:53	YB	TestAmerica San Francisco
Total/NA	Prep	3546			89072	04/06/11 14:17	RU	TestAmerica San Francisco
Total/NA	Analysis	8270C		1	89087	04/07/11 00:35	ML	TestAmerica San Francisco
Total/NA	Prep	3546			88993	04/05/11 18:01	RU	TestAmerica San Francisco
Total/NA	Analysis	8081A_ASP		1	89068	04/07/11 00:32	EC	TestAmerica San Francisco
Total/NA	Prep	3546			89090	04/06/11 16:53	RU	TestAmerica San Francisco
Total/NA	Analysis	8082		1	89184	04/07/11 19:58	EC	TestAmerica San Francisco
Total/NA	Prep	3546			89086	04/06/11 15:37	RU	TestAmerica San Francisco
Total/NA	Analysis	8015B		1	89298	04/09/11 13:04	DH	TestAmerica San Francisco
Total/NA	Prep	7471A			89071	04/06/11 14:03	JR	TestAmerica San Francisco
Total/NA	Analysis	7471A		1	89192	04/07/11 18:17	CAM	TestAmerica San Francisco
Total/NA	Prep	3050B			89174	04/07/11 16:05	JR	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	89262	04/08/11 13:14	CAM	TestAmerica San Francisco

Client Sample ID: SFVA-BS2-16-16.5

Date Collected: 04/01/11 13:30

Date Received: 04/04/11 15:45

Lab Sample ID: 720-34327-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			89071	04/06/11 14:03	JR	TestAmerica San Francisco
Total/NA	Analysis	7471A		1	89192	04/07/11 18:19	CAM	TestAmerica San Francisco
Total/NA	Prep	3050B			89174	04/07/11 16:05	JR	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	89262	04/08/11 13:18	CAM	TestAmerica San Francisco

Client Sample ID: SFVA-SS3-8.5-9

Date Collected: 04/01/11 11:50

Date Received: 04/04/11 15:45

Lab Sample ID: 720-34327-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			89045	04/05/11 15:42	YB	TestAmerica San Francisco
Total/NA	Analysis	8260B/CA_LUF TMS		1	89001	04/06/11 01:24	YB	TestAmerica San Francisco
Total/NA	Prep	3546			89072	04/06/11 14:17	RU	TestAmerica San Francisco
Total/NA	Analysis	8270C		1	89087	04/07/11 00:59	ML	TestAmerica San Francisco
Total/NA	Prep	3546			88993	04/05/11 18:01	RU	TestAmerica San Francisco
Total/NA	Analysis	8081A_ASP		1	89068	04/07/11 00:50	EC	TestAmerica San Francisco
Total/NA	Prep	3546			89086	04/06/11 15:37	RU	TestAmerica San Francisco
Total/NA	Analysis	8015B		1	89119	04/07/11 21:33	WR	TestAmerica San Francisco
Total/NA	Prep	3546			89090	04/06/11 16:53	RU	TestAmerica San Francisco
Total/NA	Analysis	8082		1	89184	04/07/11 20:15	EC	TestAmerica San Francisco
Total/NA	Prep	7471A			89071	04/06/11 14:03	JR	TestAmerica San Francisco
Total/NA	Analysis	7471A		1	89192	04/07/11 18:22	CAM	TestAmerica San Francisco
Total/NA	Prep	3050B			89174	04/07/11 16:05	JR	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	89262	04/08/11 13:22	CAM	TestAmerica San Francisco

TestAmerica San Francisco

Lab Chronicle

Client: Treadwell & Rollo
Project/Site: SFVA Medical Center

TestAmerica Job ID: 720-34327-1

Client Sample ID: SFVA-BS3-17-17.5

Date Collected: 04/01/11 12:00

Date Received: 04/04/11 15:45

Lab Sample ID: 720-34327-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			89071	04/06/11 14:03	JR	TestAmerica San Francisco
Total/NA	Analysis	7471A		1	89192	04/07/11 18:24	CAM	TestAmerica San Francisco
Total/NA	Prep	3050B			89174	04/07/11 16:05	JR	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	89262	04/08/11 13:27	CAM	TestAmerica San Francisco

Client Sample ID: SFVA-SS4-9-9.5

Date Collected: 04/01/11 11:30

Date Received: 04/04/11 15:45

Lab Sample ID: 720-34327-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			89045	04/05/11 15:42	YB	TestAmerica San Francisco
Total/NA	Analysis	8260B/CA_LUF TMS		1	89001	04/06/11 01:54	YB	TestAmerica San Francisco
Total/NA	Prep	3546			89072	04/06/11 14:17	RU	TestAmerica San Francisco
Total/NA	Analysis	8270C		1	89087	04/07/11 01:23	ML	TestAmerica San Francisco
Total/NA	Prep	3546			88993	04/05/11 18:01	RU	TestAmerica San Francisco
Total/NA	Analysis	8081A_ASP		1	89068	04/07/11 01:08	EC	TestAmerica San Francisco
Total/NA	Prep	3546			89086	04/06/11 15:37	RU	TestAmerica San Francisco
Total/NA	Analysis	8015B		1	89119	04/07/11 21:57	WR	TestAmerica San Francisco
Total/NA	Prep	3546			89090	04/06/11 16:53	RU	TestAmerica San Francisco
Total/NA	Analysis	8082		1	89184	04/07/11 20:32	EC	TestAmerica San Francisco
Total/NA	Prep	7471A			89071	04/06/11 14:03	JR	TestAmerica San Francisco
Total/NA	Analysis	7471A		1	89192	04/07/11 18:26	CAM	TestAmerica San Francisco
Total/NA	Prep	3050B			89174	04/07/11 16:05	JR	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	89262	04/08/11 13:31	CAM	TestAmerica San Francisco

Client Sample ID: SFVA-BS4-18-18.5

Date Collected: 04/01/11 11:40

Date Received: 04/04/11 15:45

Lab Sample ID: 720-34327-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			89071	04/06/11 14:03	JR	TestAmerica San Francisco
Total/NA	Analysis	7471A		1	89192	04/07/11 18:29	CAM	TestAmerica San Francisco
Total/NA	Prep	3050B			89174	04/07/11 16:05	JR	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	89262	04/08/11 13:35	CAM	TestAmerica San Francisco

Client Sample ID: SFVA-SS5-7-7.5

Date Collected: 04/01/11 10:40

Date Received: 04/04/11 15:45

Lab Sample ID: 720-34327-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			89045	04/05/11 15:42	YB	TestAmerica San Francisco
Total/NA	Analysis	8260B/CA_LUF TMS		1	89001	04/06/11 02:25	YB	TestAmerica San Francisco
Total/NA	Prep	3546			89072	04/06/11 14:17	RU	TestAmerica San Francisco
Total/NA	Analysis	8270C		10	89087	04/07/11 02:10	ML	TestAmerica San Francisco

TestAmerica San Francisco

Lab Chronicle

Client: Treadwell & Rollo
Project/Site: SFVA Medical Center

TestAmerica Job ID: 720-34327-1

Client Sample ID: SFVA-SS5-7-7.5

Date Collected: 04/01/11 10:40

Date Received: 04/04/11 15:45

Lab Sample ID: 720-34327-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	3546			89086	04/06/11 15:37	RU	TestAmerica San Francisco
Total/NA	Analysis	8015B		10	89119	04/07/11 22:20	WR	TestAmerica San Francisco
Total/NA	Prep	3546			89090	04/06/11 16:53	RU	TestAmerica San Francisco
Total/NA	Analysis	8082		1	89184	04/07/11 20:50	EC	TestAmerica San Francisco
Total/NA	Prep	3546			88993	04/05/11 18:01	RU	TestAmerica San Francisco
Total/NA	Analysis	8081A_ASP		2	89185	04/08/11 03:21	EC	TestAmerica San Francisco
Total/NA	Prep	7471A			89071	04/06/11 14:03	JR	TestAmerica San Francisco
Total/NA	Analysis	7471A		1	89192	04/07/11 18:31	CAM	TestAmerica San Francisco
Total/NA	Prep	3050B			89174	04/07/11 16:05	JR	TestAmerica San Francisco
Total/NA	Analysis	6010B		4	89262	04/08/11 13:39	CAM	TestAmerica San Francisco

Certification Summary

Client: Treadwell & Rollo
Project/Site: SFVA Medical Center

TestAmerica Job ID: 720-34327-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica San Francisco	California	State Program	9	2496

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.

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Method Summary

Client: Treadwell & Rollo
Project/Site: SFVA Medical Center

TestAmerica Job ID: 720-34327-1

Method	Method Description	Protocol	Laboratory
8260B/CA_LUFT MS	8260B / CA LUFT MS	SW846	TAL SF
8270C	Semivolatile Compounds by Gas Chromatography/Mass Spectrometry (GC/MS)	SW846	TAL SF
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL SF
8081A_ASP	Organochlorine Pesticides (GC)	SW846	TAL SF
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL SF
6010B	Metals (ICP)	SW846	TAL SF
7471A	Mercury (CVAA)	SW846	TAL SF
Asbestos	General Sub Contract Method	NONE	EMLab San

Protocol References:

NONE = NONE

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

Laboratory References:

EMLab San = EMLab P&K - San Bruno, 1150 Bayhill Drive #100, San Bruno, CA 94066

TAL SF = TestAmerica San Francisco, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Sample Summary

Client: Treadwell & Rollo
Project/Site: SFVA Medical Center

TestAmerica Job ID: 720-34327-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-34327-1	SFVA-SS2-8-8.5	Solid	04/01/11 13:00	04/04/11 15:45
720-34327-2	SFVA-BS2-16-16.5	Solid	04/01/11 13:30	04/04/11 15:45
720-34327-3	SFVA-SS3-8.5-9	Solid	04/01/11 11:50	04/04/11 15:45
720-34327-4	SFVA-BS3-17-17.5	Solid	04/01/11 12:00	04/04/11 15:45
720-34327-5	SFVA-SS4-9-9.5	Solid	04/01/11 11:30	04/04/11 15:45
720-34327-6	SFVA-BS4-18-18.5	Solid	04/01/11 11:40	04/04/11 15:45
720-34327-7	SFVA-SS5-7-7.5	Solid	04/01/11 10:40	04/04/11 15:45



Report for:

Ms. Afsaneh Salimpour
TestAmerica-San Francisco
1220 Quarry Lane
Pleasanton, CA 94566

Regarding: Project: 720-34327; SFVA Medical Center
EML ID: 770091

Approved by:

Lab Manager
Dr. Kamashwaran Ramanathan

Dates of Analysis:
Asbestos-EPA Method 600/R-93/116: 04-08-2011

Service SOPs: Asbestos-EPA Method 600/R-93/116 (EPA-600/M4-82-020 (SOP 01264))

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. The results relate only to the items tested. The results include an inherent uncertainty of measurement associated with estimating percentages by polarized light microscopy. Measurement uncertainty data can be provided when requested.

EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Document Number: 200091 - Revision Number: 5

EMLab P&K, LLC

EMLab ID: 770091, Page 1 of 3

Client: TestAmerica-San Francisco
C/O: Ms. Afsaneh Salimpour
Re: 720-34327; SFVA Medical CenterDate of Sampling: 04-01-2011
Date of Receipt: 04-05-2011
Date of Report: 04-08-2011**ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116****Total Samples Submitted:** 7**Total Samples Analysed:** 7**Total Samples with Layer Asbestos Content > 1%:** 0**Location: SFVA-SS2-8-8.5, 720-34327 #1**

Lab ID-Version‡: 3407379-1

Sample Layers	Asbestos Content
Gray Soil	ND
Sample Composite Homogeneity: Moderate	

Location: SFVA-BS2-16-16.5, 720-34327 #2

Lab ID-Version‡: 3407380-1

Sample Layers	Asbestos Content
Gray Soil	ND
Sample Composite Homogeneity: Moderate	

Location: SFVA-SS3-8.5-9, 720-34327 #3

Lab ID-Version‡: 3407381-1

Sample Layers	Asbestos Content
Gray Soil	ND
Sample Composite Homogeneity: Moderate	

Location: SFVA-BS3-17-17.5, 720-34327 #4

Lab ID-Version‡: 3407382-1

Sample Layers	Asbestos Content
Gray Soil	ND
Sample Composite Homogeneity: Moderate	

The results relate only to the items tested. Interpretation is left to the company and/or persons who conducted the field work. The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government.

All samples were received in acceptable condition unless otherwise noted. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: TestAmerica-San Francisco
 C/O: Ms. Afsaneh Salimpour
 Re: 720-34327; SFVA Medical Center

Date of Sampling: 04-01-2011
 Date of Receipt: 04-05-2011
 Date of Report: 04-08-2011

ASBESTOS PLM REPORT: EPA-600/M4-82-020 & EPA METHOD 600/R-93-116**Location: SFVA-SS4-9-9.5, 720-34327 #5**

Lab ID-Version‡: 3407383-1

Sample Layers	Asbestos Content
Gray Soil	ND
Sample Composite Homogeneity:	Moderate

Location: SFVA-BS4-18-18.5, 720-34327 #6

Lab ID-Version‡: 3407384-1

Sample Layers	Asbestos Content
Off-White Soil	ND
Sample Composite Homogeneity:	Moderate

Location: SFVA-SS5-7-7.5, 720-34327 #7

Lab ID-Version‡: 3407385-1

Sample Layers	Asbestos Content
Gray Soil	ND
Sample Composite Homogeneity:	Moderate

The results relate only to the items tested. Interpretation is left to the company and/or persons who conducted the field work. The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government.

All samples were received in acceptable condition unless otherwise noted. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Login Sample Receipt Checklist

Client: Treadwell & Rollo

Job Number: 720-34327-1

Login Number: 34327

List Source: TestAmerica San Francisco

List Number: 1

Creator: Mullen, Joan

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

Login Sample Receipt Checklist

Client: Treadwell & Rollo

Job Number: 720-34327-1

Login Number: 34327

List Source: TestAmerica San Francisco

List Number: 2

Creator: Mullen, Joan

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background		
The cooler's custody seal, if present, is intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present.		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information.		
Is the Field Sampler's name present on COC?		
There are no discrepancies between the sample IDs on the containers and the COC.		
Samples are received within Holding Time.		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
Sample Preservation Verified		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.		
If necessary, staff have been informed of any short hold time or quick TAT needs		
Multiphasic samples are not present.		
Samples do not require splitting or compositing.		