



Contractor's License No. ROC206210

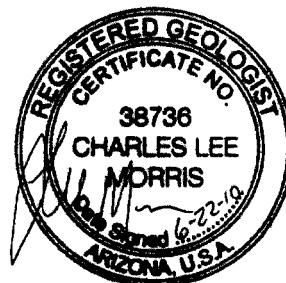
Geotechnical and Environmental Sciences Consultants

ATTORNEY-CLIENT PRIVILEGE/WORK PRODUCT

**LIMITED PHASE II
ENVIRONMENTAL SITE ASSESSMENT
INDUSTRIAL FACILITY
CONCRETE-LINED FLOOR TRENCH
10793 WEST COUNTY 20 1/2 STREET
SAN LUIS, ARIZONA
RETECHS PROJECT NO.: LA10-24445-09-A.2-ACP**

PREPARED FOR:
Quarles & Brady LLP
One Renaissance Square, 2 North Central Avenue
Phoenix, Arizona 85004

PREPARED BY:
Ninjo & Moore
Geotechnical and Environmental Sciences Consultants
3001 South 35th Street, Suite 6
Phoenix, Arizona 85034



EXPIRES 3/31/2012

June 22, 2010
Project No. 602972002



Contractor's License No. ROC206210

Geotechnical and Environmental Sciences Consultants

ATTORNEY-CLIENT PRIVILEGE/WORK PRODUCT

June 22, 2010
Project No. 602972002

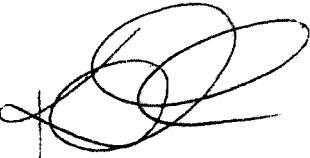
Mr. Scott Klundt
Quarles & Brady LLP
One Renaissance Square, 2 North Central Avenue
Phoenix, Arizona 85004

Subject: Limited Phase II Environmental Site Assessment
Industrial Facility
Concrete-Lined Floor Trench
10793 West County 20 1/2 Street
San Luis, Arizona
RETECHS Project No.: LA10-24445-09-A.2-ACP

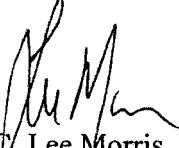
Dear Mr. Klundt:

In accordance with our revised proposal dated May 11, 2010 and your notice to proceed dated May 21, 2010, Ninjo & Moore is pleased to provide this Limited Phase II Environmental Site Assessment report of the above-referenced site. We appreciate the opportunity to be of service to you on this project.

Sincerely,
NINJO & MOORE



Kathryn Peacock
Senior Project Environmental Scientist



C. Lee Morris, R.G.
Principal Geologist

DPB/KMP/LM/hmf

Distribution: (3) Addressee

TABLE OF CONTENTS

	<u>Page</u>
1. INTRODUCTION, SITE BACKGROUND, AND OBJECTIVES	1
2. SITE LOCATION AND DESCRIPTION.....	2
3. SCOPE OF WORK.....	2
3.1. Project Planning.....	3
3.2. Sampling Activities	3
3.3. Analytical Methods.....	5
4. LABORATORY ANALYTICAL RESULTS.....	6
4.1. Volatile Organic Compounds (VOCs).....	7
4.2. Polynuclear Aromatic Hydrocarbons (PAHs)	7
5. CONCLUSIONS AND RECOMMENDATIONS	7
6. LIMITATIONS.....	7
7. REFERENCES	10

Tables

Table 1 – Summary of Analytical Results

Figures

Figure 1 – Site Location Map

Figure 2 – Site Plan and Vicinity Map

Figure 3 – Sample Location Map

Appendices

Appendix A – Photographic Documentation

Appendix B – Laboratory Analytical Report and Chain-of-Custody Form

Appendix C – Boring Logs

Appendix D – Credentials

1. INTRODUCTION, SITE BACKGROUND, AND OBJECTIVES

Ninyo & Moore was retained and authorized by Quarles & Brady LLP (Quarles & Brady) to perform a Limited Phase II Environmental Site Assessment (ESA) consisting of soil borings and subsurface soil sampling at an industrial facility located at 10793 West County 20 1/2 Street, in San Luis, Arizona (hereinafter referred to as site or subject property). The industrial facility was formerly occupied by Meadowcraft, Inc., an outdoor furniture manufacturer. Reportedly, unfinished welded patio chairs, umbrella and poolside tables were shipped from Mexico to the San Luis facility where they were coated with a primer and underwent an electrostatic dry-paint process. A gas furnace was used to fuse the paint the metal. This Phase II ESA was conducted in general accordance with our proposal dated May 11, 2010.

Ninyo & Moore previously conducted a Phase I ESA at the site and summarized the results of this Phase I ESA in the April 7, 2010 Ninyo & Moore report titled, *Phase I Environmental Site Assessment, Industrial-Manufacturing-Light Property, 10793 West 20 1/2 Street, San Luis, Arizona* (Ninyo & Moore Project No. 602972001). During the Phase I ESA site reconnaissance, a recognized environmental condition (REC), as defined by the American Society for Testing and Materials (ASTM) Standard E 1527-05, was identified by Ninyo & Moore. Ninyo & Moore recommended assessment of the following REC:

- A concrete-lined floor trench extended along the western portion of the site warehouse building. The approximate location of this trench is shown on Figure 2. Several areas of stained concrete were observed within the trench and the concrete in these areas was slightly degraded. Additionally, the concrete base of the trench was jointed and several areas of staining were observed along these joints. Based on our review of documents provided by the Arizona Department of Environmental Quality (ADEQ), the floor trench and pit received industrial waste generated during the manufacturing processes conducted at the site. Our review indicated the waste generated at the site included paint, toluene, acetone, methyl ether ketone, xylene, used oil, and sludge. Based on our observations and knowledge of former site usage, the trench and associated staining are considered a REC for the site.

Ninyo & Moore's objective was to assess native subsurface soil beneath the concrete-lined trench for indications of impact associated with previous manufacturing processes conducted at the site. This report presents the results of our limited Phase II ESA.

2. SITE LOCATION AND DESCRIPTION

The subject property is located at 10793 West County 20 1/2 Street, in the city of San Luis, Arizona (see Figure 1). The site is situated in the southwest quarter of Section 25, Township 10 South, Range 25 West of the Gila and Salt River Base and Meridian, Yuma County, Arizona.

The subject industrial building encompasses approximately 600,000 square feet of space on the southeast corner of West County 20 1/2 Street and State Route 95. At the time of our Phase II ESA, the site was unoccupied, with the exception of Paranetics, a parachute manufacturer, who currently occupies the eastern portion of the site structure.

3. SCOPE OF WORK

The following sections describe the rationale and methodology that were used to meet the objective stated in Section 1. The scope of work was performed in general accordance with applicable regulatory requirements and our proposal, and included the following tasks:

- Preparation of the site-specific Health and Safety Plan (HASP) for the sampling event;
- Coordination of utility locating with Arizona Blue Stake, Inc. and a private utility locator;
- Advancement of five (5) soil borings using a concrete coring device and a direct push drilling rig focusing on areas of observed staining, joints, corrosion, and other areas where chemicals could have leached through the concrete and into the underlying soils within the trench and at the low point at the base of the trench;
- A soil sample was collected at 2, 4, and 6 feet at each boring location, or at the depth of auger refusal, whichever was encountered first. Sampling equipment was decontaminated using standard industry procedures;
- Soil borings were backfilled with cuttings and concrete. Each borehole was complete at the surface to match the existing surface grade;
- Each soil sample was submitted to an Arizona Department of Health Services (ADHS) licensed laboratory for volatile organic compound (VOC) and polynuclear aromatic hydrocarbon (PAH) analysis by United States Environmental Protection Agency (USEPA) Methods 8260 and 8310, respectively; and
- Preparation of this Limited Phase II ESA report.

Mr. David Boyce of Ninyo & Moore conducted sampling activities on June 3, 2010. Approximate soil boring locations are shown on Figure 3. Photographs documenting site activities are included in Appendix A.

3.1. Project Planning

Ninyo & Moore prepared a site-specific HASP prior to conducting field activities at the site. The HASP outlined specific safety hazards, precautions, and emergency procedures applicable to the site work.

In addition, Ninyo & Moore coordinated utility locating with Arizona Blue Stake, Inc. to locate buried public utilities in the vicinity of the subject property and to comply with utility location laws. As an additional precautionary measure, The Locator, Inc. was contracted by Ninyo & Moore to locate private utility lines in the vicinity of the proposed boring locations.

3.2. Sampling Activities

Ninyo & Moore conducted soil sampling beneath the concrete trench to assess potential environmental impact associated with waste fluids previously contained within the subgrade feature. The concrete floor at each sample location was cored to allow access to subsurface media. Staining did not permeate the concrete and was limited to the concrete surface at each sample location.

Subsurface soil at each sample location was obtained utilizing a GeoProbe® unit. Soil samples were collected from five (5) soil borings advanced in the stained trench area. The locations of these five (5) borings are shown in Figure 3.

At each boring location, a metal, hollow-stem shaft, lined with a clean acetate sleeve, was driven into the subsurface soils to a depth of 2, 4, and 6 feet below the ground surface (bgs) using a GeoProbe® unit. Once the selected sample depth was reached, the shaft of the GeoProbe® was removed from the boring and the acetate sleeve, containing a column of the subsurface soils, was removed from the shaft. Soils contained in the sleeve at 2, 4, and 6 feet

bgs were screened for the presence of VOCs using a calibrated photoionization detector (PID). A PID is a qualitative meter capable of detecting the presence of common VOCs associated with cleaning solvents, paints, and gasoline. These soils were also visually assessed for staining, a distinctive chemical odor, or other indications of chemical impact to the soil. Ninyo & Moore did not observe indications of chemical impact in the soil column extracted at each boring location with the exception of some black staining at a depth approximately 2 feet bgs the soil column obtained at Boring B-5. In addition, PID readings at each soil boring location did not indicate the presence of concentrations of VOCs.

From each soil boring, the soils from the 2-foot, 4-foot, and 6-foot bgs intervals in the acetate sleeve were placed into a laboratory-supplied, clean 4-ounce glass jar. To comply with USEPA Method 8260B for analysis of a soil sample for VOCs, each soil sample was then field extracted using single-use Terra Core samplers, provided by the laboratory. Approximately 5 grams of soil were placed in each pre-weighed 40-milliliter (ml) volatile organic analysis (VOA) vial, also provided by the laboratory, containing approximately 5 ml of a preservative solution of methanol. To ensure sufficient soils had been preserved, a second laboratory supplied, pre-weighed 40-ml VOA vial containing 5 ml of the preservative solution of methanol was also filled with approximately 5 grams of soil obtained from the glass jar. Photographs of field activities are included in Appendix A.

In accordance with the HASP, nitrile gloves were used by field personnel when handling the soil samples. To prevent cross-contamination between soil samples, a new pair of gloves was used by field personnel when obtaining each soil sample.

Sampling equipment that was not single-use or disposable, including the tubing strings used at each sample location, was decontaminated between sample points by washing with a deionized water and Alconox® solution, rinsing with deionized water, and allowing to air dry prior to reuse.

Following sample collection, each sample jar and associated vials were labeled with the sample identification number, collection date, and time. The sample containers were then

placed in a cooler with wet ice. The sample number, collection date and time, requested analytical parameters, and specific comments were recorded on a chain-of-custody record. This chain-of-custody record accompanied the samples from the field until delivery to the analytical laboratory personnel.

The soil samples inside the cooler remained in the possession of Ninyo & Moore field personnel until they were relinquished to laboratory personnel at the end of the sampling event, using appropriate chain-of-custody protocol. For this sample event, Ninyo & Moore selected the analytical laboratory Environmental Sciences Corporation (ESC) to analyze the soil samples collected from the site. ESC is certified by the ADHS to perform the selected analytical methods. A copy of the laboratory analytical report and chain of custody record are included in Appendix B.

During the advancement of the soil borings, subsurface soils encountered during this assessment were noted to be comprised of hard clay. No less permeable soils, including sand and silt, were encountered below the concrete trench. As previously stated, black staining was observed at a depth approximately 2 feet bgs at Boring B-5; however, the black staining was not observed at depths greater than 2 feet. Staining was limited to the surface of the concrete floor in the trench, and no staining was observed within underlying media directly beneath the concrete floor. Furthermore, the soils at each sampling interval were field screened for volatile constituents using a PID. Organic vapor measurements ranged from 0.1 to 0.2 parts per million. Based on our field screening methods, no evidence of impact was noted in the assessed soils. Upon completion of sampling activities, the boreholes were backfilled with the cuttings and concrete. Each borehole was completed at the surface to match the existing surface grade. Copies of boring logs are presented in Appendix C.

3.3. Analytical Methods

Fifteen soil samples were delivered to ESC, an ADHS licensed laboratory (ADHS Certification Number AZ0612). Sample handling, transport, and delivery to the laboratory were documented using appropriate chain-of-custody protocols.

The soil samples were analyzed for VOCs using USEPA Method 8260 and PAHs by USEPA Method 8310. Based on information obtained for the Ninyo & Moore Phase I ESA, Ninyo & Moore concluded these analytical methods included the identified chemicals of concern.

4. LABORATORY ANALYTICAL RESULTS

The laboratory data was evaluated and compared to currently established ADEQ minimum groundwater protection levels (GPLs) and predetermined residential and non-residential soil remediation levels (SRLs). Minimum GPLs are soil cleanup levels considered protective of groundwater quality. Based on the use of the subject property as an industrial warehouse, the applicable remediation standard for this site is considered to be the non-residential SRLs. However, as a conservative measure, the analytical results for this Limited Phase II ESA were compared to SRLs applicable to residential properties. According to Arizona Administrative Code R18-7-205, a person who elects to utilize a residential or non-residential SRL for the following known human carcinogens shall remediate to a 1×10^{-6} excess lifetime cancer risk: benzene, benzidine, bis(chloromethyl) ether, chromium VI, diethylstilbestrol, direct black 38, direct blue 6, direct brown 95, nickel subsulfide, and vinyl chloride. A person who elects to remediate to a residential SRL may utilize a 1×10^{-5} excess lifetime cancer risk for any carcinogen other than a known human carcinogen. However, if the current or currently intended future use of the contaminated site is a child care facility or school where children below the age of 18 are reasonably expected to be in frequent, repeated contact with soil, the person conducting remediation shall remediate to a 1×10^{-6} excess lifetime cancer risk. For contaminants that exhibit both carcinogenic and non-carcinogenic effects, the numeric standard that is lower (more protective) shall apply.

The laboratory analytical results are discussed in the following sections, and summarized in Table 1 at the end of this report. As previously stated, a copy of the laboratory analytical report with chain-of-custody documentation is presented in Appendix B.

4.1. Volatile Organic Compounds (VOCs)

No concentrations of VOCs of concern were detected above laboratory reporting limits, or in excess of applicable residential SRLs or minimum GPLs, in the 15 soil samples collected from the five borings. However, the Laboratory Method Reporting Limit (LMRL) for 1,2-Dibromoethane exceeded the GPL and the 10^{-6} residential SRL for this compound. Additionally, the LMRL for 1,2,3-Trichloropropane exceeded the 10^{-6} and 10^{-5} residential SRLs for this compound. The LMRL for Acrylonitrile exceeded the 10^{-6} residential SRL for this compound. The LMRL for 1,2-Dibromo-3-Chloropropane exceeded the GPL for this compound. However, the LMRLs for the previously mentioned compounds did not exceed non-residential SRLs and are not considered VOCs of concern.

4.2. Polynuclear Aromatic Hydrocarbons (PAHs)

No PAH concentrations were detected above laboratory reporting limits, or in excess of applicable residential SRLs or minimum GPLs, in the 15 soil samples collected from the five borings.

5. CONCLUSIONS AND RECOMMENDATIONS

Based on the results of this Limited Phase II ESA, there was no indication that native subsurface soil beneath the concrete-lined trench has been adversely impacted by previous manufacturing processes conducted at the site. Therefore, Ninyo & Moore does not recommend further assessment of the concrete feature at this time.

6. LIMITATIONS

The environmental services described in this report have been conducted in general accordance with current regulatory guidelines and the standard-of-care exercised by environmental consultants performing similar work in the project area. No warranty, expressed or implied, is made regarding the professional opinions presented in this report. Variations in site conditions may exist and conditions not observed or described in this report may be encountered during subsequent

activities. Please also note that this study did not include an evaluation of geotechnical conditions or potential geologic hazards.

Ninyo & Moore's opinions and recommendations regarding environmental conditions, as presented in this report, are based on limited subsurface assessment and chemical analysis. Further assessment of potential adverse environmental impacts from past on-site and/or nearby use of hazardous materials may be accomplished by a more comprehensive assessment. The samples collected and used for testing, and the observations made, are believed to be representative of the area(s) evaluated; however, conditions can vary significantly between sampling locations. Variations in soil and/or groundwater conditions will exist beyond the points explored in this evaluation.

The environmental interpretations and opinions contained in this report are based on the results of laboratory tests and analyses intended to detect the presence and concentration of specific chemical or physical constituents in samples collected from the subject site. The testing and analyses have been conducted by an independent laboratory which is certified by the State of Arizona to conduct such tests. Ninyo & Moore has no involvement in, or control over, such testing and analysis. Ninyo & Moore, therefore, disclaims responsibility for any inaccuracy in such laboratory results.

Our conclusions, recommendations, and opinions are based on an analysis of the observed site conditions. It should be understood that the conditions of a site could change with time as a result of natural processes or the activities of man at the subject site or nearby sites. In addition, changes to the applicable laws, regulations, codes, and standards of practice may occur due to government action or the broadening of knowledge. The findings of this report may, therefore, be invalidated over time, in part or in whole, by changes over which Ninyo & Moore has no control.

This document is intended to be used only in its entirety. No portion of the document, by itself, is designed to completely represent any aspect of the project described herein. Ninyo & Moore should be contacted if the reader requires any additional information, or has questions regarding content, interpretations presented, or completeness of this document.

10793 West County 20 1/2 Street
San Luis, Arizona

June 22, 2010
Project No. 602972002

This report is intended exclusively for use by Quarles & Brady and their assigns. Any use or re-use of the findings, conclusions, and/or recommendations of this report by parties other than the client is undertaken at said parties' sole risk.

7. REFERENCES

Arizona Administrative Code, Title 18 – Environmental Quality, Chapter 7 – Department of Environmental Quality, Remedial Action, Appendix A – Soil Remediation Levels, 2007.

Arizona Department of Environmental Quality, A Screening Method to Determine Soil Concentrations Protective of Groundwater Quality, prepared by the Leachability Working Group of the Cleanup Standards/Policy Task Force, September 1996.

Ninyo & Moore, Phase I Environmental Site Assessment prepared for Quarles & Brady, titled *Phase I Environmental Site Assessment, Industrial-Manufacturing-Light Facility, 10793 West 20 1/2 Street, San Luis, Arizona*: dated April 7, 2010 (AAI Date March 18, 2010).

Table - Summary of Analytical Results

Table 1 - Summary of Analytical Results

Client Sample ID	Parameter	Res SRL mg/kg	Non-Res SRL mg/kg	SPLs														
				B-1-2	B-1-4	B-1-6	B-2-2	B-2-4	B-2-6	B-3-2	B-3-4	B-3-6	B-4-2	B-4-4	B-5-2	B-5-4		
82603	Tetrachloroethene	0.51	5.1	1.3	<0.046	<0.048	<0.046	<0.042	<0.044	<0.045	<0.045	<0.046	<0.045	<0.046	<0.046	<0.046		
82603	Toluene			650	400	<0.23	<0.24	<0.23	<0.21	<0.22	<0.22	<0.23	<0.19	<0.20	<0.22	<0.24	<0.22	
82603	1,2,3-Trichlorobenzene			62	220	<0.046	<0.048	<0.046	<0.042	<0.044	<0.045	<0.045	<0.046	<0.045	<0.045	<0.046	<0.044	
82603	1,2,4-Trichlorobenzene			1200	1	<0.046	<0.048	<0.046	<0.042	<0.044	<0.045	<0.045	<0.046	<0.045	<0.045	<0.046	<0.044	
82603	1,1,1-Trichloroethane	0.74	7.4	16	<0.046	<0.048	<0.046	<0.042	<0.044	<0.045	<0.045	<0.046	<0.045	<0.045	<0.046	<0.046	<0.044	
82603	1,1,2-Trichloroethane	3	30	17	65	0.61	<0.046	<0.048	<0.046	<0.042	<0.044	<0.045	<0.045	<0.045	<0.045	<0.046	<0.044	
82603	Trichloroethene			390	1300	<0.23	<0.24	<0.23	<0.21	<0.22	<0.22	<0.23	<0.19	<0.20	<0.22	<0.24	<0.22	<0.22
82603	Trichlorofluoromethane	0.005	0.05		0.11	<0.046	<0.048	<0.046	<0.042	<0.044	<0.045	<0.045	<0.046	<0.045	<0.046	<0.046	<0.044	<0.044
82603	1,2,3-Trichloropropane			52	170	<0.046	<0.048	<0.046	<0.042	<0.044	<0.045	<0.045	<0.046	<0.045	<0.046	<0.046	<0.046	<0.044
82603	1,2,4-Trimethylbenzene					<0.046	<0.048	<0.046	<0.042	<0.044	<0.045	<0.045	<0.046	<0.045	<0.045	<0.046	<0.045	<0.044
82603	1,2,3-Trimethylbenzene			21	70	0.75	<0.046	<0.048	<0.046	<0.042	<0.044	<0.045	<0.045	<0.045	<0.045	<0.046	<0.046	<0.044
82603	Vinyl chloride	0.085		270	420	2200	<0.14	<0.14	<0.14	<0.13	<0.13	<0.13	<0.14	<0.14	<0.14	<0.14	<0.14	<0.13
82603	Xylenes, Total			22000	240000	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
8310	Anthracene			22000	280000	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
8310	Acsenaphthene			3700		<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
8310	Acenaphthylene					<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
8310	Benz(a)anthracene	0.69	6.9	21		<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
8310	Benz(e)pyrene	0.069	0.69		2.1	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
8310	Benz(f)fluoranthene	0.69	6.9	21		<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
8310	Benz(g,i)perylene	6.9		210		<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
8310	Benz(k)fluoranthene	6.9	69	2000		<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
8310	Chrysene	6.9	69	2.1		<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
8310	Dibenz(a,h)anthracene	0.069	0.69		2300	22000	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
8310	Fluoranthene			2700	26000	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
8310	Fluorene	0.69	6.9	21		<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
8310	Indeno(1,2,3-cd)pyrene	0.69		56	190	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
8310	Naphthalene			2300	29000	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
8310	Phenanthrene					<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
8310	Pyrene																	

Notes

All units reported in milligrams per kilogram (mg/kg).

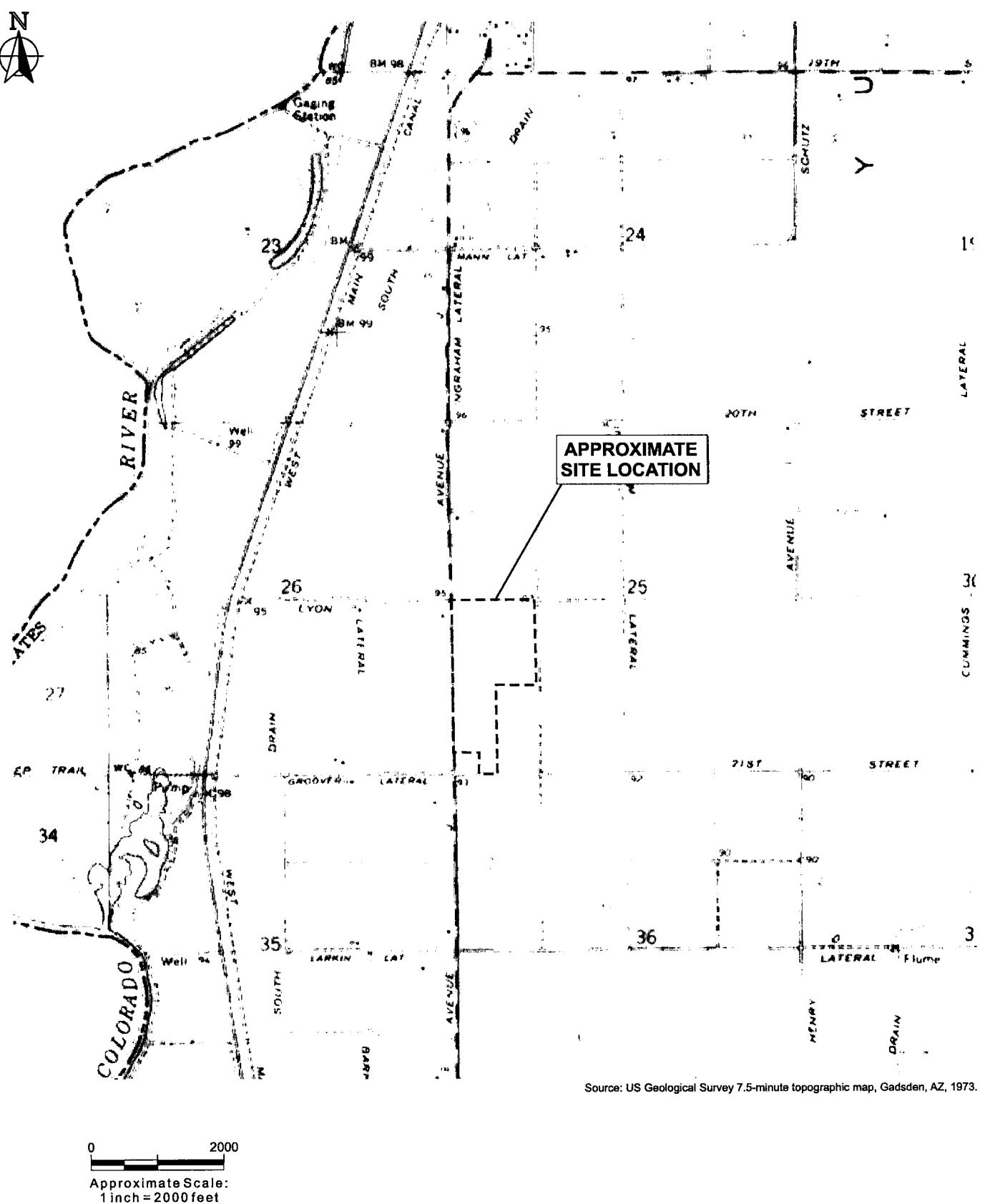
Res SRL = Residential Soil Remediation Level for a carcinogenic compound set at the 1×10^{-6} excess lifetime cancer risk level.

Res SRL Non-Carc = Residential Soil Remediation Level for a non-carcinogenic compound.

Non-Res SRL = Non-Residential Soil Remediation Level established for a non-carcinogenic compound.

GPL = Groundwater Protection Level.

<0.020 = Target analyte not detected at a concentration equal to, or exceeding, the 0.020 mg/kg laboratory method detection limit.



Source: US Geological Survey 7.5-minute topographic map, Gadsden, AZ, 1973.

Approximate Scale:
1 inch = 2000 feet

Ninyo & Moore

SITE LOCATION MAP

FIGURE

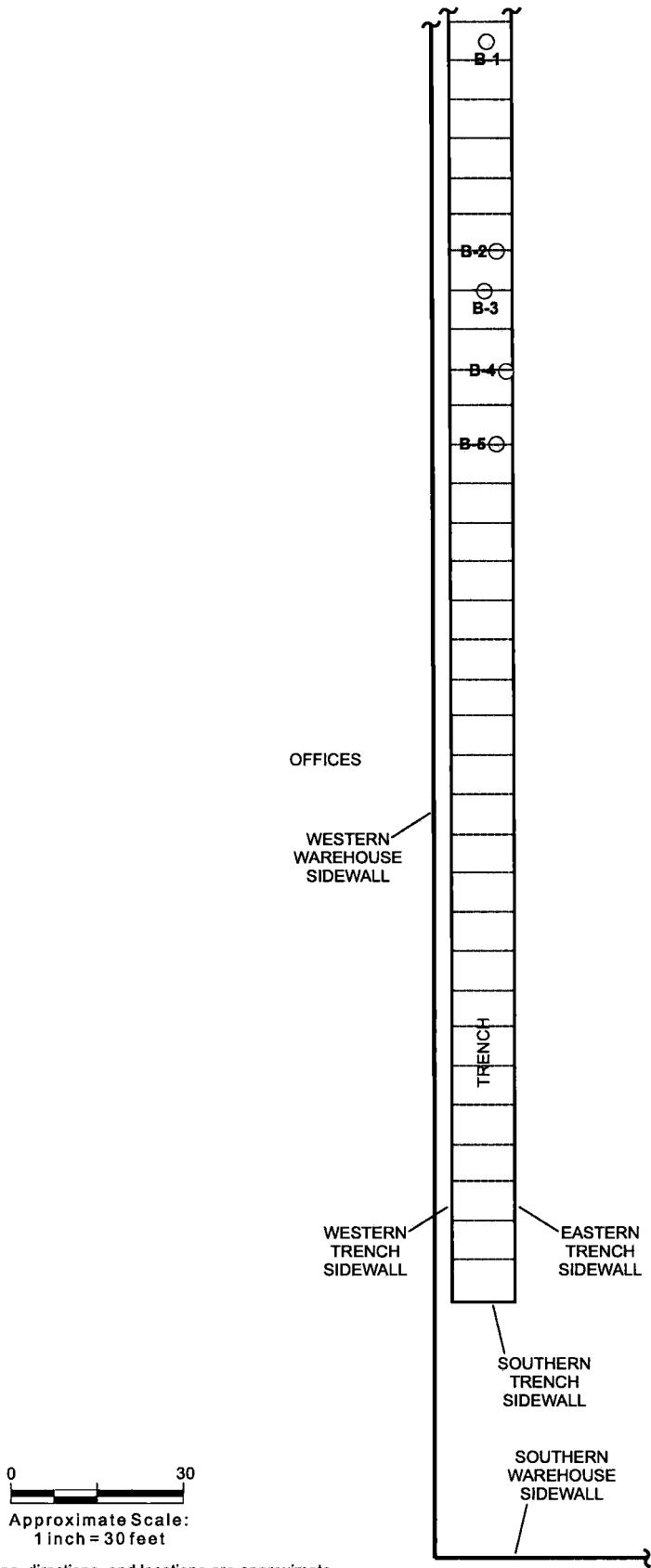
1

Ninyo & Moore	SITE LOCATION MAP		FIGURE 1
	PROJECT NO: 602972002	DATE: 6/10	
PHASE II ENVIRONMENTAL SITE ASSESSMENT 10793 WEST COUNTY 20 ½ STREET SAN LUIS, ARIZONA			



Source: Aerial supplied by Yuma County GIS, 2010.
Note: All dimensions, directions, and locations are approximate.

Ninjo & Moore		SITE PLAN AND VICINITY MAP	FIGURE 2
PROJECT NO: 602972002	DATE: 6/10	PHASE II ENVIRONMENTAL SITE ASSESSMENT 10793 WEST COUNTY 20 1/2 STREET SAN LUIS, ARIZONA	



Note: All dimensions, directions, and locations are approximate.

Ninyo & Moore		SAMPLE LOCATION MAP	FIGURE 3
PROJECT NO:	DATE:	PHASE II ENVIRONMENTAL SITE ASSESSMENT 10793 WEST COUNTY 20 ½ STREET SAN LUIS, ARIZONA	
602972002	6/10		

10793 West County 20 1/2 Street
San Luis, Arizona

June 22, 2010
Project No. 602972002

APPENDIX A

PHOTOGRAPHIC DOCUMENTATION

Project Name: 10793 West County 20 1/2 Street

Project No.: 602972002

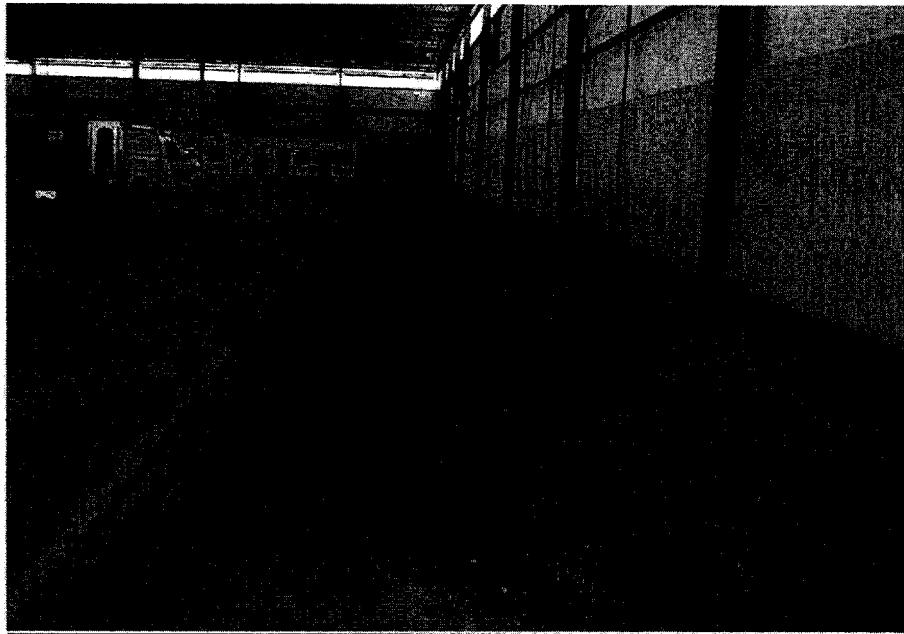


Photo No. 1

Location: San Luis, Arizona

Date: 06/03/2010

View of the observed area of staining within the trench; view to the south.

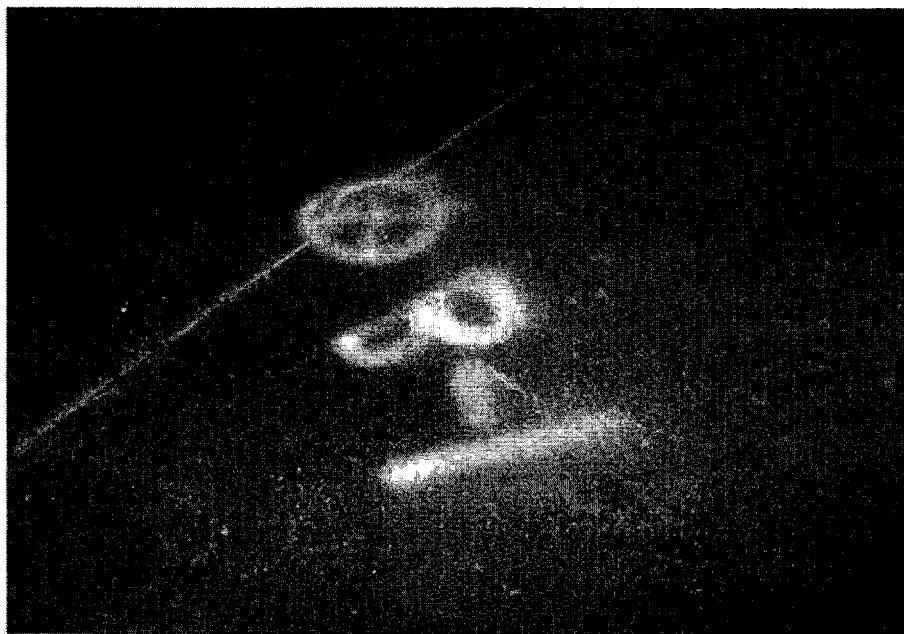


Photo No. 2

Location: San Luis, Arizona

Date: 06/03/2010

Location of Boring B-1 with associated jointing.

Project Name: 10793 West County 20 1/2 Street

Project No.: 602972002



Photo No. 3

Location: San Luis, Arizona

Date: 06/03/2010

Location of Boring B-2 with associated jointing.

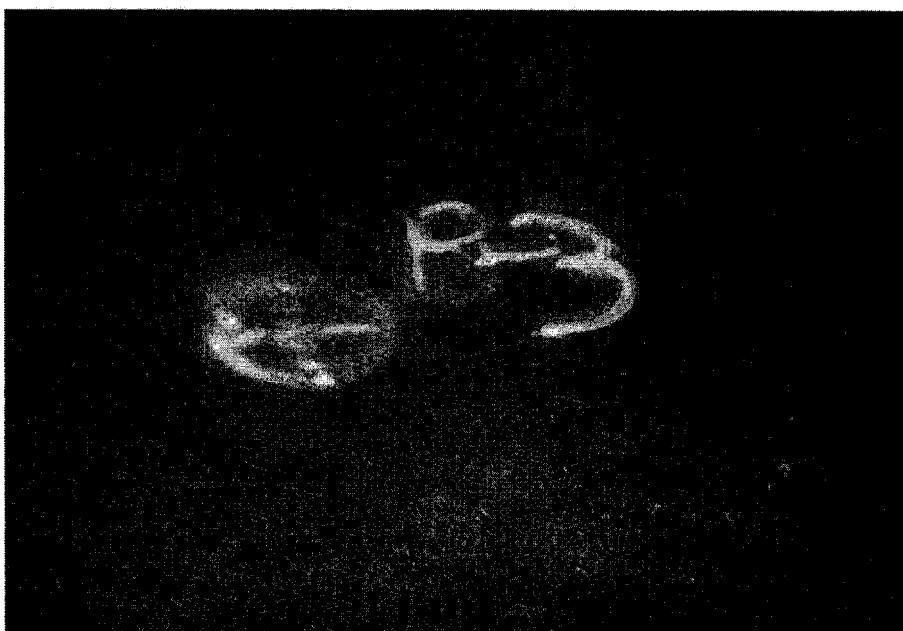


Photo No. 4

Location: San Luis, Arizona

Date: 06/03/2010

Location of Boring B-3.

Project Name: 10793 West County 20 1/2 Street

Project No.: 602972002



Photo No. 5

Location: San Luis, Arizona

Date: 06/03/2010

Location of Boring B-4 with associated jointing.

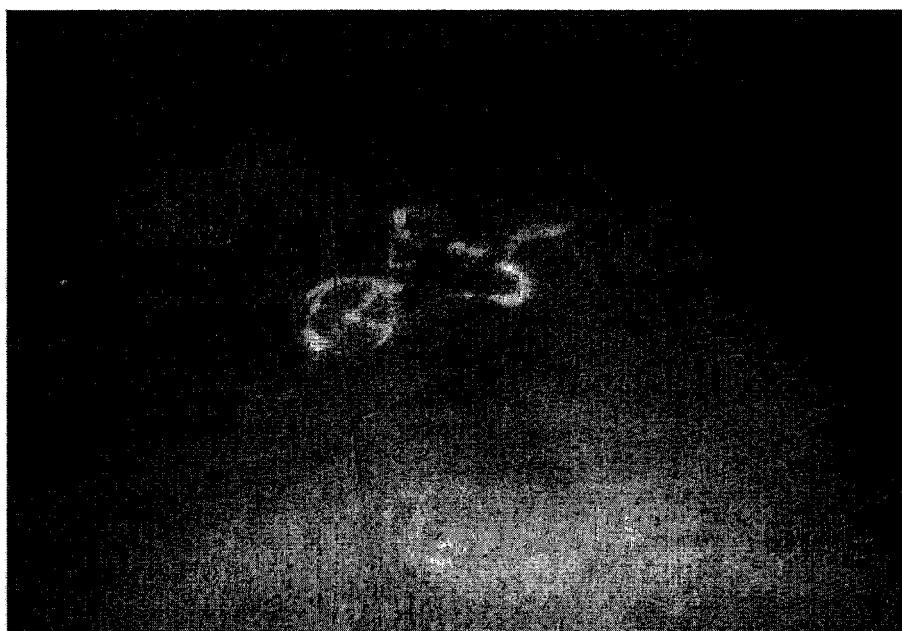


Photo No. 6

Location: San Luis, Arizona

Date: 06/03/2010

Location of Boring B-5 with associated jointing.

Project Name: 10793 West County 20 1/2 Street

Project No.: 602972002



Photo No. 7

Location: San Luis, Arizona

Date: 06/03/2010

Concrete coring of Boring B-4.

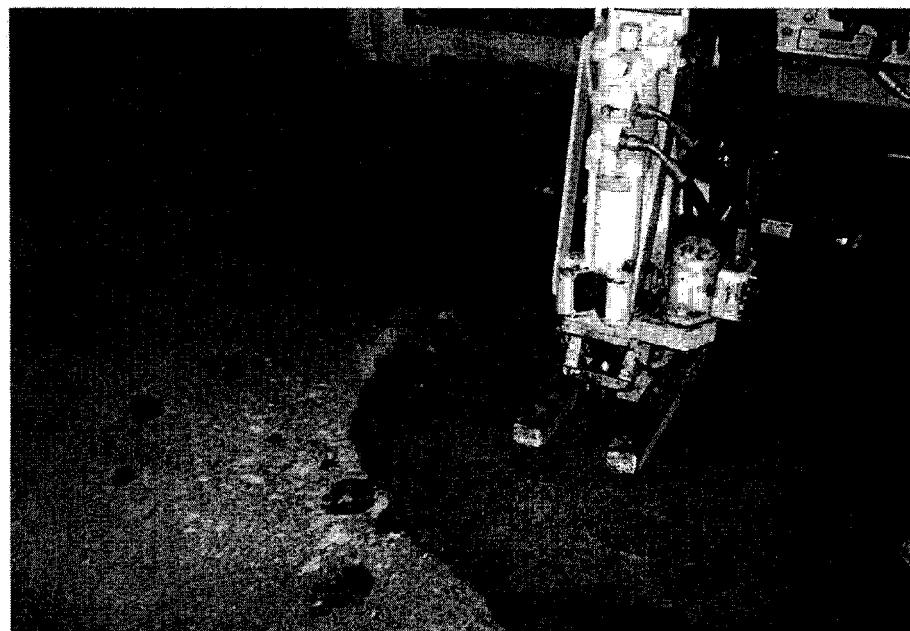


Photo No. 8

Location: San Luis, Arizona

Date: 06/03/2010

Geoprobe advancing sampler at Boring B-5; view to the northwest.

Project Name: 10793 West County 20 1/2 Street

Project No.: 602972002

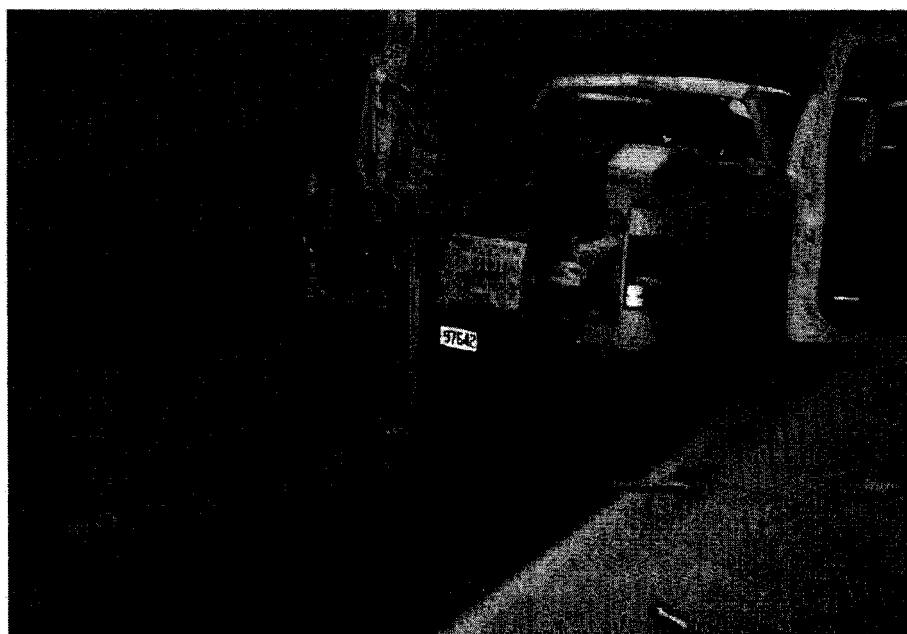


Photo No. 9

Location: San Luis, Arizona

Date: 06/03/2010

Geoprobe advancing sampler at Boring B-5; view to the northwest.



Photo No. 10

Location: San Luis, Arizona

Date: 06/03/2010

View of the trench following the concrete patching of the borings; view to the north.

10793 West County 20 1/2 Street
San Luis, Arizona

June 22, 2010
Project No. 602972002

APPENDIX B

LABORATORY ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY FORMS



12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

Kathryn Peacock
Ninno & Moore
3001 South 35th St., Suite 6
Phoenix, AZ 85034

Report Summary

Monday June 21, 2010

Report Number: L462793

Samples Received: 06/05/10

Client Project: 602972002

Description: 602972002

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By:

Daphne R Richards
Daphne Richards, ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375/DW21704, ND - R-140
NJ - TN002, NJ NELAP - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910, NV - TN000032008A

Accreditation is only applicable to the test methods specified on each scope of accreditation held by ESC Lab Sciences.

Note: The use of the preparatory EPA Method 3511 is not approved or endorsed by the CA ELAP.

This report may not be reproduced, except in full, without written approval from ESC Lab Sciences. Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.



YOUR LAB OF CHOICE

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

June 21, 2010

Kathryn Peacock
Ninny & Moore
3001 South 35th St., Suite 6
Phoenix, AZ 85034

Date Received : June 05, 2010
Description : 602972002

ESC Sample # : L462793-01

Sample ID : B-5-2

Site ID :

Collected By : David Boyer
Collection Date : 06/03/10 11:55

Project # : 602972002

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Acetone	BDL	2.2	mg/kg	8260B	06/15/10	44
Acrylonitrile	BDL	0.44	mg/kg	8260B	06/15/10	44
Benzene	BDL	0.044	mg/kg	8260B	06/15/10	44
Bromobenzene	BDL	0.044	mg/kg	8260B	06/15/10	44
Bromodichloromethane	BDL	0.044	mg/kg	8260B	06/15/10	44
Bromoform	BDL	0.044	mg/kg	8260B	06/15/10	44
Bromomethane	BDL	0.22	mg/kg	8260B	06/15/10	44
n-Butylbenzene	BDL	0.044	mg/kg	8260B	06/15/10	44
sec-Butylbenzene	BDL	0.044	mg/kg	8260B	06/15/10	44
tert-Butylbenzene	BDL	0.044	mg/kg	8260B	06/15/10	44
Carbon tetrachloride	BDL	0.044	mg/kg	8260B	06/15/10	44
Chlorobenzene	BDL	0.044	mg/kg	8260B	06/15/10	44
Chlorodibromomethane	BDL	0.044	mg/kg	8260B	06/15/10	44
Chloroethane	BDL	0.22	mg/kg	8260B	06/15/10	44
Chloroform	BDL	0.22	mg/kg	8260B	06/15/10	44
Chloromethane	BDL	0.044	mg/kg	8260B	06/15/10	44
2-Chlorotoluene	BDL	0.044	mg/kg	8260B	06/15/10	44
4-Chlorotoluene	BDL	0.044	mg/kg	8260B	06/15/10	44
1,2-Dibromo-3-Chloropropane	BDL	0.22	mg/kg	8260B	06/15/10	44
1,2-Dibromoethane	BDL	0.044	mg/kg	8260B	06/15/10	44
Dibromomethane	BDL	0.044	mg/kg	8260B	06/15/10	44
1,2-Dichlorobenzene	BDL	0.044	mg/kg	8260B	06/15/10	44
1,3-Dichlorobenzene	BDL	0.044	mg/kg	8260B	06/15/10	44
1,4-Dichlorobenzene	BDL	0.044	mg/kg	8260B	06/15/10	44
Dichlorodifluoromethane	BDL	0.22	mg/kg	8260B	06/15/10	44
1,1-Dichloroethane	BDL	0.044	mg/kg	8260B	06/15/10	44
1,2-Dichloroethane	BDL	0.044	mg/kg	8260B	06/15/10	44
1,1-Dichloroethene	BDL	0.044	mg/kg	8260B	06/15/10	44
cis-1,2-Dichloroethene	BDL	0.044	mg/kg	8260B	06/15/10	44
trans-1,2-Dichloroethene	BDL	0.044	mg/kg	8260B	06/15/10	44
1,2-Dichloropropane	BDL	0.044	mg/kg	8260B	06/15/10	44
1,1-Dichloropropene	BDL	0.044	mg/kg	8260B	06/15/10	44
1,3-Dichloropropene	BDL	0.044	mg/kg	8260B	06/15/10	44
cis-1,3-Dichloropropene	BDL	0.044	mg/kg	8260B	06/15/10	44
trans-1,3-Dichloropropene	BDL	0.044	mg/kg	8260B	06/15/10	44
2,2-Dichloropropane	BDL	0.044	mg/kg	8260B	06/15/10	44
Di-isopropyl ether	BDL	0.044	mg/kg	8260B	06/15/10	44
Ethylbenzene	BDL	0.044	mg/kg	8260B	06/15/10	44
Hexachloro-1,3-Butadiene	BDL	0.044	mg/kg	8260B	06/15/10	44
Isopropylbenzene	BDL	0.044	mg/kg	8260B	06/15/10	44
p-Isopropyltoluene	BDL	0.044	mg/kg	8260B	06/15/10	44
2-Butanone (MEK)	BDL	0.44	mg/kg	8260B	06/15/10	44
Methylene Chloride	BDL	0.22	mg/kg	8260B	06/15/10	44

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)



YOUR LAB OF CHOICE

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Kathryn Peacock
Ninny & Moore
3001 South 35th St., Suite 6
Phoenix, AZ 85034

June 21, 2010

Date Received : June 05, 2010
Description : 602972002
Sample ID : B-5-2
Collected By : David Boyer
Collection Date : 06/03/10 11:55

ESC Sample # : L462793-01

Site ID :

Project # : 602972002

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
4-Methyl-2-pentanone (MIBK)	BDL	0.44	mg/kg	8260B	06/15/10	44
Methyl tert-butyl ether	BDL	0.044	mg/kg	8260B	06/15/10	44
Naphthalene	BDL	0.22	mg/kg	8260B	06/15/10	44
n-Propylbenzene	BDL	0.044	mg/kg	8260B	06/15/10	44
Styrene	BDL	0.044	mg/kg	8260B	06/15/10	44
1,1,1,2-Tetrachloroethane	BDL	0.044	mg/kg	8260B	06/15/10	44
1,1,2,2-Tetrachloroethane	BDL	0.044	mg/kg	8260B	06/15/10	44
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.044	mg/kg	8260B	06/15/10	44
Tetrachloroethene	BDL	0.044	mg/kg	8260B	06/15/10	44
Toluene	BDL	0.22	mg/kg	8260B	06/15/10	44
1,2,3-Trichlorobenzene	BDL	0.044	mg/kg	8260B	06/15/10	44
1,2,4-Trichlorobenzene	BDL	0.044	mg/kg	8260B	06/15/10	44
1,1,1-Trichloroethane	BDL	0.044	mg/kg	8260B	06/15/10	44
1,1,2-Trichloroethane	BDL	0.044	mg/kg	8260B	06/15/10	44
Trichloroethene	BDL	0.044	mg/kg	8260B	06/15/10	44
Trichlorofluoromethane	BDL	0.22	mg/kg	8260B	06/15/10	44
1,2,3-Trichloropropane	BDL	0.044	mg/kg	8260B	06/15/10	44
1,2,4-Trimethylbenzene	BDL	0.044	mg/kg	8260B	06/15/10	44
1,2,3-Trimethylbenzene	BDL	0.044	mg/kg	8260B	06/15/10	44
1,3,5-Trimethylbenzene	BDL	0.044	mg/kg	8260B	06/15/10	44
Vinyl chloride	BDL	0.044	mg/kg	8260B	06/15/10	44
Xylenes, Total	BDL	0.13	mg/kg	8260B	06/15/10	44
Surrogate Recovery						
Toluene-d8	89.8		% Rec.	8260B	06/15/10	44
Dibromofluoromethane	76.5		% Rec.	8260B	06/15/10	44
4-Bromofluorobenzene	82.2		% Rec.	8260B	06/15/10	44
Polynuclear Aromatic Hydrocarbons						
Anthracene	BDL	0.020	mg/kg	8310	06/16/10	1
Acenaphthene	BDL	0.020	mg/kg	8310	06/16/10	1
Acenaphthylene	BDL	0.020	mg/kg	8310	06/16/10	1
Benzo(a)anthracene	BDL	0.020	mg/kg	8310	06/16/10	1
Benzo(a)pyrene	BDL	0.020	mg/kg	8310	06/16/10	1
Benzo(b)fluoranthene	BDL	0.020	mg/kg	8310	06/16/10	1
Benzo(g,h,i)perylene	BDL	0.020	mg/kg	8310	06/16/10	1
Benzo(k)fluoranthene	BDL	0.020	mg/kg	8310	06/16/10	1
Chrysene	BDL	0.020	mg/kg	8310	06/16/10	1
Dibenz(a,h)anthracene	BDL	0.020	mg/kg	8310	06/16/10	1
Fluoranthene	BDL	0.020	mg/kg	8310	06/16/10	1
Fluorene	BDL	0.020	mg/kg	8310	06/16/10	1
Indeno(1,2,3-cd)pyrene	BDL	0.020	mg/kg	8310	06/16/10	1
Naphthalene	BDL	0.020	mg/kg	8310	06/16/10	1
Phenanthrene	BDL	0.020	mg/kg	8310	06/16/10	1
Pyrene	BDL	0.020	mg/kg	8310	06/16/10	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)



YOUR LAB OF CHOICE

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Kathryn Peacock
Ninno & Moore
3001 South 35th St., Suite 6
Phoenix, AZ 85034

June 21, 2010

Date Received : June 05, 2010
Description : 602972002
Sample ID : B-5-2
Collected By : David Boyer
Collection Date : 06/03/10 11:55

ESC Sample # : L462793-01

Site ID :

Project # : 602972002

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Surrogate p-Terphenyl-d14	82.9		% Rec.	8310	06/16/10	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit (PQL)

Note:

The reported analytical results relate only to the sample submitted.
This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 06/21/10 09:44 Printed: 06/21/10 09:45



YOUR LAB OF CHOICE

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Kathryn Peacock
Ninyo & Moore
3001 South 35th St., Suite 6
Phoenix, AZ 85034

June 21, 2010

Date Received : June 05, 2010
Description : 602972002
Sample ID : B-5-4
Collected By : David Boyer
Collection Date : 06/03/10 12:05

ESC Sample # : L462793-02

Site ID :

Project # : 602972002

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Acetone	BDL	2.4	mg/kg	8260B	06/15/10	48.5
Acrylonitrile	BDL	0.48	mg/kg	8260B	06/15/10	48.5
Benzene	BDL	0.048	mg/kg	8260B	06/15/10	48.5
Bromobenzene	BDL	0.048	mg/kg	8260B	06/15/10	48.5
Bromodichloromethane	BDL	0.048	mg/kg	8260B	06/15/10	48.5
Bromoform	BDL	0.048	mg/kg	8260B	06/15/10	48.5
Bromomethane	BDL	0.24	mg/kg	8260B	06/15/10	48.5
n-Butylbenzene	BDL	0.048	mg/kg	8260B	06/15/10	48.5
sec-Butylbenzene	BDL	0.048	mg/kg	8260B	06/15/10	48.5
tert-Butylbenzene	BDL	0.048	mg/kg	8260B	06/15/10	48.5
Carbon tetrachloride	BDL	0.048	mg/kg	8260B	06/15/10	48.5
Chlorobenzene	BDL	0.048	mg/kg	8260B	06/15/10	48.5
Chlorodibromomethane	BDL	0.048	mg/kg	8260B	06/15/10	48.5
Chloroethane	BDL	0.24	mg/kg	8260B	06/15/10	48.5
Chloroform	BDL	0.24	mg/kg	8260B	06/15/10	48.5
Chloromethane	BDL	0.048	mg/kg	8260B	06/15/10	48.5
2-Chlorotoluene	BDL	0.048	mg/kg	8260B	06/15/10	48.5
4-Chlorotoluene	BDL	0.048	mg/kg	8260B	06/15/10	48.5
1,2-Dibromo-3-Chloropropane	BDL	0.24	mg/kg	8260B	06/15/10	48.5
1,2-Dibromoethane	BDL	0.048	mg/kg	8260B	06/15/10	48.5
Dibromomethane	BDL	0.048	mg/kg	8260B	06/15/10	48.5
1,2-Dichlorobenzene	BDL	0.048	mg/kg	8260B	06/15/10	48.5
1,3-Dichlorobenzene	BDL	0.048	mg/kg	8260B	06/15/10	48.5
1,4-Dichlorobenzene	BDL	0.048	mg/kg	8260B	06/15/10	48.5
Dichlorodifluoromethane	BDL	0.24	mg/kg	8260B	06/15/10	48.5
1,1-Dichloroethane	BDL	0.048	mg/kg	8260B	06/15/10	48.5
1,2-Dichloroethane	BDL	0.048	mg/kg	8260B	06/15/10	48.5
1,1-Dichloroethene	BDL	0.048	mg/kg	8260B	06/15/10	48.5
cis-1,2-Dichloroethene	BDL	0.048	mg/kg	8260B	06/15/10	48.5
trans-1,2-Dichloroethene	BDL	0.048	mg/kg	8260B	06/15/10	48.5
1,2-Dichloropropane	BDL	0.048	mg/kg	8260B	06/15/10	48.5
1,1-Dichloropropene	BDL	0.048	mg/kg	8260B	06/15/10	48.5
1,3-Dichloropropane	BDL	0.048	mg/kg	8260B	06/15/10	48.5
cis-1,3-Dichloropropene	BDL	0.048	mg/kg	8260B	06/15/10	48.5
trans-1,3-Dichloropropene	BDL	0.048	mg/kg	8260B	06/15/10	48.5
2,2-Dichloropropane	BDL	0.048	mg/kg	8260B	06/15/10	48.5
Di-isopropyl ether	BDL	0.048	mg/kg	8260B	06/15/10	48.5
Ethylbenzene	BDL	0.048	mg/kg	8260B	06/15/10	48.5
Hexachloro-1,3-Butadiene	BDL	0.048	mg/kg	8260B	06/15/10	48.5
Isopropylbenzene	BDL	0.048	mg/kg	8260B	06/15/10	48.5
p-Isopropyltoluene	BDL	0.048	mg/kg	8260B	06/15/10	48.5
2-Butanone (MEK)	BDL	0.48	mg/kg	8260B	06/15/10	48.5
Methylene Chloride	BDL	0.24	mg/kg	8260B	06/15/10	48.5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)



YOUR LAB OF CHOICE

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Kathryn Peacock
Ninno & Moore
3001 South 35th St., Suite 6
Phoenix, AZ 85034

June 21, 2010

Date Received : June 05, 2010
Description : 602972002
Sample ID : B-5-4
Collected By : David Boyer
Collection Date : 06/03/10 12:05

ESC Sample # : L462793-02

Site ID :

Project # : 602972002

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
4-Methyl-2-pentanone (MIBK)	BDL	0.48	mg/kg	8260B	06/15/10	48.5
Methyl tert-butyl ether	BDL	0.048	mg/kg	8260B	06/15/10	48.5
Naphthalene	BDL	0.24	mg/kg	8260B	06/15/10	48.5
n-Propylbenzene	BDL	0.048	mg/kg	8260B	06/15/10	48.5
Styrene	BDL	0.048	mg/kg	8260B	06/15/10	48.5
1,1,1,2-Tetrachloroethane	BDL	0.048	mg/kg	8260B	06/15/10	48.5
1,1,2,2-Tetrachloroethane	BDL	0.048	mg/kg	8260B	06/15/10	48.5
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.048	mg/kg	8260B	06/15/10	48.5
Tetrachloroethene	BDL	0.048	mg/kg	8260B	06/15/10	48.5
Toluene	BDL	0.24	mg/kg	8260B	06/15/10	48.5
1,2,3-Trichlorobenzene	BDL	0.048	mg/kg	8260B	06/15/10	48.5
1,2,4-Trichlorobenzene	BDL	0.048	mg/kg	8260B	06/15/10	48.5
1,1,1-Trichloroethane	BDL	0.048	mg/kg	8260B	06/15/10	48.5
1,1,2-Trichloroethane	BDL	0.048	mg/kg	8260B	06/15/10	48.5
Trichloroethene	BDL	0.048	mg/kg	8260B	06/15/10	48.5
Trichlorofluoromethane	BDL	0.24	mg/kg	8260B	06/15/10	48.5
1,2,3-Trichloropropane	BDL	0.048	mg/kg	8260B	06/15/10	48.5
1,2,4-Trimethylbenzene	BDL	0.048	mg/kg	8260B	06/15/10	48.5
1,2,3-Trimethylbenzene	BDL	0.048	mg/kg	8260B	06/15/10	48.5
1,3,5-Trimethylbenzene	BDL	0.048	mg/kg	8260B	06/15/10	48.5
Vinyl chloride	BDL	0.048	mg/kg	8260B	06/15/10	48.5
Xylenes, Total	BDL	0.14	mg/kg	8260B	06/15/10	48.5
Surrogate Recovery						
Toluene-d8	89.2		% Rec.	8260B	06/15/10	48.5
Dibromofluoromethane	76.8		% Rec.	8260B	06/15/10	48.5
4-Bromofluorobenzene	77.9		% Rec.	8260B	06/15/10	48.5
Polynuclear Aromatic Hydrocarbons						
Anthracene	BDL	0.020	mg/kg	8310	06/16/10	1
Acenaphthene	BDL	0.020	mg/kg	8310	06/16/10	1
Acenaphthylene	BDL	0.020	mg/kg	8310	06/16/10	1
Benzo(a)anthracene	BDL	0.020	mg/kg	8310	06/16/10	1
Benzo(a)pyrene	BDL	0.020	mg/kg	8310	06/16/10	1
Benzo(b)fluoranthene	BDL	0.020	mg/kg	8310	06/16/10	1
Benzo(g,h,i)perylene	BDL	0.020	mg/kg	8310	06/16/10	1
Benzo(k)fluoranthene	BDL	0.020	mg/kg	8310	06/16/10	1
Chrysene	BDL	0.020	mg/kg	8310	06/16/10	1
Dibenz(a,h)anthracene	BDL	0.020	mg/kg	8310	06/16/10	1
Fluoranthene	BDL	0.020	mg/kg	8310	06/16/10	1
Fluorene	BDL	0.020	mg/kg	8310	06/16/10	1
Indeno(1,2,3-cd)pyrene	BDL	0.020	mg/kg	8310	06/16/10	1
Naphthalene	BDL	0.020	mg/kg	8310	06/16/10	1
Phenanthrene	BDL	0.020	mg/kg	8310	06/16/10	1
Pyrene	BDL	0.020	mg/kg	8310	06/16/10	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)



YOUR LAB OF CHOICE

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Kathryn Peacock
Ninyo & Moore
3001 South 35th St., Suite 6
Phoenix, AZ 85034

June 21, 2010

Date Received : June 05, 2010
Description : 602972002
Sample ID : B-5-4
Collected By : David Boyer
Collection Date : 06/03/10 12:05

ESC Sample # : L462793-02

Site ID :

Project # : 602972002

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Surrogate p-Terphenyl-d14	79.9		% Rec.	8310	06/16/10	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

Note:

The reported analytical results relate only to the sample submitted.
This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 06/21/10 09:44 Printed: 06/21/10 09:45



YOUR LAB OF CHOICE

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Kathryn Peacock
Ninyo & Moore
3001 South 35th St., Suite 6
Phoenix, AZ 85034

June 21, 2010

Date Received : June 05, 2010
Description : 602972002
Sample ID : B-5-6
Collected By : David Boyer
Collection Date : 06/03/10 12:25

ESC Sample # : L462793-03

Site ID :

Project # : 602972002

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Acetone	BDL	2.2	mg/kg	8260B	06/15/10	44.5
Acrylonitrile	BDL	0.44	mg/kg	8260B	06/15/10	44.5
Benzene	BDL	0.044	mg/kg	8260B	06/15/10	44.5
Bromobenzene	BDL	0.044	mg/kg	8260B	06/15/10	44.5
Bromodichloromethane	BDL	0.044	mg/kg	8260B	06/15/10	44.5
Bromoform	BDL	0.044	mg/kg	8260B	06/15/10	44.5
Bromomethane	BDL	0.22	mg/kg	8260B	06/15/10	44.5
n-Butylbenzene	BDL	0.044	mg/kg	8260B	06/15/10	44.5
sec-Butylbenzene	BDL	0.044	mg/kg	8260B	06/15/10	44.5
tert-Butylbenzene	BDL	0.044	mg/kg	8260B	06/15/10	44.5
Carbon tetrachloride	BDL	0.044	mg/kg	8260B	06/15/10	44.5
Chlorobenzene	BDL	0.044	mg/kg	8260B	06/15/10	44.5
Chlorodibromomethane	BDL	0.044	mg/kg	8260B	06/15/10	44.5
Chloroethane	BDL	0.22	mg/kg	8260B	06/15/10	44.5
Chloroform	BDL	0.22	mg/kg	8260B	06/15/10	44.5
Chloromethane	BDL	0.044	mg/kg	8260B	06/15/10	44.5
2-Chlorotoluene	BDL	0.044	mg/kg	8260B	06/15/10	44.5
4-Chlorotoluene	BDL	0.044	mg/kg	8260B	06/15/10	44.5
1,2-Dibromo-3-Chloropropane	BDL	0.22	mg/kg	8260B	06/15/10	44.5
1,2-Dibromoethane	BDL	0.044	mg/kg	8260B	06/15/10	44.5
Dibromomethane	BDL	0.044	mg/kg	8260B	06/15/10	44.5
1,2-Dichlorobenzene	BDL	0.044	mg/kg	8260B	06/15/10	44.5
1,3-Dichlorobenzene	BDL	0.044	mg/kg	8260B	06/15/10	44.5
1,4-Dichlorobenzene	BDL	0.044	mg/kg	8260B	06/15/10	44.5
Dichlorodifluoromethane	BDL	0.22	mg/kg	8260B	06/15/10	44.5
1,1-Dichloroethane	BDL	0.044	mg/kg	8260B	06/15/10	44.5
1,2-Dichloroethane	BDL	0.044	mg/kg	8260B	06/15/10	44.5
1,1-Dichloroethene	BDL	0.044	mg/kg	8260B	06/15/10	44.5
cis-1,2-Dichloroethene	BDL	0.044	mg/kg	8260B	06/15/10	44.5
trans-1,2-Dichloroethene	BDL	0.044	mg/kg	8260B	06/15/10	44.5
1,2-Dichloropropane	BDL	0.044	mg/kg	8260B	06/15/10	44.5
1,1-Dichloropropene	BDL	0.044	mg/kg	8260B	06/15/10	44.5
1,3-Dichloropropane	BDL	0.044	mg/kg	8260B	06/15/10	44.5
cis-1,3-Dichloropropene	BDL	0.044	mg/kg	8260B	06/15/10	44.5
trans-1,3-Dichloropropene	BDL	0.044	mg/kg	8260B	06/15/10	44.5
2,2-Dichloropropane	BDL	0.044	mg/kg	8260B	06/15/10	44.5
Di-isopropyl ether	BDL	0.044	mg/kg	8260B	06/15/10	44.5
Ethylbenzene	BDL	0.044	mg/kg	8260B	06/15/10	44.5
Hexachloro-1,3-Butadiene	BDL	0.044	mg/kg	8260B	06/15/10	44.5
Isopropylbenzene	BDL	0.044	mg/kg	8260B	06/15/10	44.5
p-Isopropyltoluene	BDL	0.044	mg/kg	8260B	06/15/10	44.5
2-Butanone (MEK)	BDL	0.44	mg/kg	8260B	06/15/10	44.5
Methylene Chloride	BDL	0.22	mg/kg	8260B	06/15/10	44.5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)



YOUR LAB OF CHOICE

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Kathryn Peacock
Ninyo & Moore
3001 South 35th St., Suite 6
Phoenix, AZ 85034

June 21, 2010

Date Received : June 05, 2010
Description : 602972002
Sample ID : B-5-6
Collected By : David Boyer
Collection Date : 06/03/10 12:25

ESC Sample # : L462793-03

Site ID :

Project # : 602972002

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
4-Methyl-2-pentanone (MIBK)	BDL	0.44	mg/kg	8260B	06/15/10	44.5
Methyl tert-butyl ether	BDL	0.044	mg/kg	8260B	06/15/10	44.5
Naphthalene	BDL	0.22	mg/kg	8260B	06/15/10	44.5
n-Propylbenzene	BDL	0.044	mg/kg	8260B	06/15/10	44.5
Styrene	BDL	0.044	mg/kg	8260B	06/15/10	44.5
1,1,1,2-Tetrachloroethane	BDL	0.044	mg/kg	8260B	06/15/10	44.5
1,1,2,2-Tetrachloroethane	BDL	0.044	mg/kg	8260B	06/15/10	44.5
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.044	mg/kg	8260B	06/15/10	44.5
Tetrachloroethene	BDL	0.044	mg/kg	8260B	06/15/10	44.5
Toluene	BDL	0.22	mg/kg	8260B	06/15/10	44.5
1,2,3-Trichlorobenzene	BDL	0.044	mg/kg	8260B	06/15/10	44.5
1,2,4-Trichlorobenzene	BDL	0.044	mg/kg	8260B	06/15/10	44.5
1,1,1-Trichloroethane	BDL	0.044	mg/kg	8260B	06/15/10	44.5
1,1,2-Trichloroethane	BDL	0.044	mg/kg	8260B	06/15/10	44.5
Trichloroethene	BDL	0.044	mg/kg	8260B	06/15/10	44.5
Trichlorofluoromethane	BDL	0.22	mg/kg	8260B	06/15/10	44.5
1,2,3-Trichloropropane	BDL	0.044	mg/kg	8260B	06/15/10	44.5
1,2,4-Trimethylbenzene	BDL	0.044	mg/kg	8260B	06/15/10	44.5
1,2,3-Trimethylbenzene	BDL	0.044	mg/kg	8260B	06/15/10	44.5
1,3,5-Trimethylbenzene	BDL	0.044	mg/kg	8260B	06/15/10	44.5
Vinyl chloride	BDL	0.044	mg/kg	8260B	06/15/10	44.5
Xylenes, Total	BDL	0.13	mg/kg	8260B	06/15/10	44.5
Surrogate Recovery						
Toluene-d8	88.4		% Rec.	8260B	06/15/10	44.5
Dibromofluoromethane	77.4		% Rec.	8260B	06/15/10	44.5
4-Bromofluorobenzene	93.8		% Rec.	8260B	06/15/10	44.5
Polynuclear Aromatic Hydrocarbons						
Anthracene	BDL	0.020	mg/kg	8310	06/16/10	1
Acenaphthene	BDL	0.020	mg/kg	8310	06/16/10	1
Acenaphthylene	BDL	0.020	mg/kg	8310	06/16/10	1
Benzo(a)anthracene	BDL	0.020	mg/kg	8310	06/16/10	1
Benzo(a)pyrene	BDL	0.020	mg/kg	8310	06/16/10	1
Benzo(b)fluoranthene	BDL	0.020	mg/kg	8310	06/16/10	1
Benzo(g,h,i)perylene	BDL	0.020	mg/kg	8310	06/16/10	1
Benzo(k)fluoranthene	BDL	0.020	mg/kg	8310	06/16/10	1
Chrysene	BDL	0.020	mg/kg	8310	06/16/10	1
Dibenz(a,h)anthracene	BDL	0.020	mg/kg	8310	06/16/10	1
Fluoranthene	BDL	0.020	mg/kg	8310	06/16/10	1
Fluorene	BDL	0.020	mg/kg	8310	06/16/10	1
Indeno(1,2,3-cd)pyrene	BDL	0.020	mg/kg	8310	06/16/10	1
Naphthalene	BDL	0.020	mg/kg	8310	06/16/10	1
Phenanthrene	BDL	0.020	mg/kg	8310	06/16/10	1
Pyrene	BDL	0.020	mg/kg	8310	06/16/10	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)



YOUR LAB OF CHOICE

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

June 21, 2010

Kathryn Peacock
Ninny & Moore
3001 South 35th St., Suite 6
Phoenix, AZ 85034

Date Received : June 05, 2010
Description : 602972002
Sample ID : B-5-6
Collected By : David Boyer
Collection Date : 06/03/10 12:25

ESC Sample # : L462793-03

Site ID :

Project # : 602972002

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Surrogate p-Terphenyl-d14	66.3		% Rec.	8310	06/16/10	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

Note:

The reported analytical results relate only to the sample submitted.
This report shall not be reproduced, except in full, without the written approval from ESC.

.
Reported: 06/21/10 09:44 Printed: 06/21/10 09:45



L·A·B S·C·I·E·N·C·E·S

YOUR LAB OF CHOICE

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Kathryn Peacock
Ninnyo & Moore
3001 South 35th St., Suite 6
Phoenix, AZ 85034

June 21, 2010

Date Received : June 05, 2010
Description : 602972002
Sample ID : B-3-2
Collected By : David Boyer
Collection Date : 06/03/10 12:45

ESC Sample # : L462793-04

Site ID :

Project # : 602972002

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Acetone	BDL	2.2	mg/kg	8260B	06/15/10	45
Acrylonitrile	BDL	0.45	mg/kg	8260B	06/15/10	45
Benzene	BDL	0.045	mg/kg	8260B	06/15/10	45
Bromobenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
Bromodichloromethane	BDL	0.045	mg/kg	8260B	06/15/10	45
Bromoform	BDL	0.045	mg/kg	8260B	06/15/10	45
Bromomethane	BDL	0.22	mg/kg	8260B	06/15/10	45
n-Butylbenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
sec-Butylbenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
tert-Butylbenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
Carbon tetrachloride	BDL	0.045	mg/kg	8260B	06/15/10	45
Chlorobenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
Chlorodibromomethane	BDL	0.045	mg/kg	8260B	06/15/10	45
Chloroethane	BDL	0.22	mg/kg	8260B	06/15/10	45
Chloroform	BDL	0.22	mg/kg	8260B	06/15/10	45
Chloromethane	BDL	0.045	mg/kg	8260B	06/15/10	45
2-Chlorotoluene	BDL	0.045	mg/kg	8260B	06/15/10	45
4-Chlorotoluene	BDL	0.045	mg/kg	8260B	06/15/10	45
1,2-Dibromo-3-Chloropropane	BDL	0.22	mg/kg	8260B	06/15/10	45
1,2-Dibromoethane	BDL	0.045	mg/kg	8260B	06/15/10	45
Dibromomethane	BDL	0.045	mg/kg	8260B	06/15/10	45
1,2-Dichlorobenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
1,3-Dichlorobenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
1,4-Dichlorobenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
Dichlorodifluoromethane	BDL	0.22	mg/kg	8260B	06/15/10	45
1,1-Dichloroethane	BDL	0.045	mg/kg	8260B	06/15/10	45
1,2-Dichloroethane	BDL	0.045	mg/kg	8260B	06/15/10	45
1,1-Dichloroethene	BDL	0.045	mg/kg	8260B	06/15/10	45
cis-1,2-Dichloroethene	BDL	0.045	mg/kg	8260B	06/15/10	45
trans-1,2-Dichloroethene	BDL	0.045	mg/kg	8260B	06/15/10	45
1,2-Dichloropropane	BDL	0.045	mg/kg	8260B	06/15/10	45
1,1-Dichloropropene	BDL	0.045	mg/kg	8260B	06/15/10	45
1,3-Dichloropropane	BDL	0.045	mg/kg	8260B	06/15/10	45
cis-1,3-Dichloropropene	BDL	0.045	mg/kg	8260B	06/15/10	45
trans-1,3-Dichloropropene	BDL	0.045	mg/kg	8260B	06/15/10	45
2,2-Dichloropropane	BDL	0.045	mg/kg	8260B	06/15/10	45
Di-isopropyl ether	BDL	0.045	mg/kg	8260B	06/15/10	45
Ethylbenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
Hexachloro-1,3-Butadiene	BDL	0.045	mg/kg	8260B	06/15/10	45
Isopropylbenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
p-Isopropyltoluene	BDL	0.045	mg/kg	8260B	06/15/10	45
2-Butanone (MEK)	BDL	0.45	mg/kg	8260B	06/15/10	45
Methylene Chloride	BDL	0.22	mg/kg	8260B	06/15/10	45

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)



YOUR LAB OF CHOICE

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Kathryn Peacock
Ninny & Moore
3001 South 35th St., Suite 6
Phoenix, AZ 85034

June 21, 2010

Date Received : June 05, 2010
Description : 602972002
Sample ID : B-3-2
Collected By : David Boyer
Collection Date : 06/03/10 12:45

ESC Sample # : L462793-04

Site ID :

Project # : 602972002

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
4-Methyl-2-pentanone (MIBK)	BDL	0.45	mg/kg	8260B	06/15/10	45
Methyl tert-butyl ether	BDL	0.045	mg/kg	8260B	06/15/10	45
Naphthalene	BDL	0.22	mg/kg	8260B	06/15/10	45
n-Propylbenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
Styrene	BDL	0.045	mg/kg	8260B	06/15/10	45
1,1,2-Tetrachloroethane	BDL	0.045	mg/kg	8260B	06/15/10	45
1,1,2,2-Tetrachloroethane	BDL	0.045	mg/kg	8260B	06/15/10	45
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.045	mg/kg	8260B	06/15/10	45
Tetrachloroethene	BDL	0.045	mg/kg	8260B	06/15/10	45
Toluene	BDL	0.22	mg/kg	8260B	06/15/10	45
1,2,3-Trichlorobenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
1,2,4-Trichlorobenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
1,1,1-Trichloroethane	BDL	0.045	mg/kg	8260B	06/15/10	45
1,1,2-Trichloroethane	BDL	0.045	mg/kg	8260B	06/15/10	45
Trichloroethene	BDL	0.045	mg/kg	8260B	06/15/10	45
Trichlorofluoromethane	BDL	0.22	mg/kg	8260B	06/15/10	45
1,2,3-Trichloropropane	BDL	0.045	mg/kg	8260B	06/15/10	45
1,2,4-Trimethylbenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
1,2,3-Trimethylbenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
1,3,5-Trimethylbenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
Vinyl chloride	BDL	0.045	mg/kg	8260B	06/15/10	45
Xylenes, Total	BDL	0.14	mg/kg	8260B	06/15/10	45
Surrogate Recovery						
Toluene-d8	89.9		% Rec.	8260B	06/15/10	45
Dibromofluoromethane	76.7		% Rec.	8260B	06/15/10	45
4-Bromofluorobenzene	98.0		% Rec.	8260B	06/15/10	45
Polynuclear Aromatic Hydrocarbons						
Anthracene	BDL	0.020	mg/kg	8310	06/16/10	1
Acenaphthene	BDL	0.020	mg/kg	8310	06/16/10	1
Acenaphthylene	BDL	0.020	mg/kg	8310	06/16/10	1
Benzo(a)anthracene	BDL	0.020	mg/kg	8310	06/16/10	1
Benzo(a)pyrene	BDL	0.020	mg/kg	8310	06/16/10	1
Benzo(b)fluoranthene	BDL	0.020	mg/kg	8310	06/16/10	1
Benzo(g,h,i)perylene	BDL	0.020	mg/kg	8310	06/16/10	1
Benzo(k)fluoranthene	BDL	0.020	mg/kg	8310	06/16/10	1
Chrysene	BDL	0.020	mg/kg	8310	06/16/10	1
Dibenz(a,h)anthracene	BDL	0.020	mg/kg	8310	06/16/10	1
Fluoranthene	BDL	0.020	mg/kg	8310	06/16/10	1
Fluorene	BDL	0.020	mg/kg	8310	06/16/10	1
Indeno(1,2,3-cd)pyrene	BDL	0.020	mg/kg	8310	06/16/10	1
Naphthalene	BDL	0.020	mg/kg	8310	06/16/10	1
Phenanthrene	BDL	0.020	mg/kg	8310	06/16/10	1
Pyrene	BDL	0.020	mg/kg	8310	06/16/10	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)



12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Kathryn Peacock
Ninno & Moore
3001 South 35th St., Suite 6
Phoenix, AZ 85034

June 21, 2010

Date Received : June 05, 2010
Description : 602972002

ESC Sample # : L462793-04

Sample ID : B-3-2

Site ID :

Collected By : David Boyer
Collection Date : 06/03/10 12:45

Project # : 602972002

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Surrogate p-Terphenyl-d14	62.4		% Rec.	8310	06/16/10	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

Note:

The reported analytical results relate only to the sample submitted.
This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 06/21/10 09:44 Printed: 06/21/10 09:45



YOUR LAB OF CHOICE

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Kathryn Peacock
Ninno & Moore
3001 South 35th St., Suite 6
Phoenix, AZ 85034

June 21, 2010

Date Received : June 05, 2010
Description : 602972002
Sample ID : B-3-4
Collected By : David Boyer
Collection Date : 06/03/10 13:00

ESC Sample # : L462793-05

Site ID :
Project # : 602972002

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Acetone	BDL	2.2	mg/kg	8260B	06/15/10	45
Acrylonitrile	BDL	0.45	mg/kg	8260B	06/15/10	45
Benzene	BDL	0.045	mg/kg	8260B	06/15/10	45
Bromobenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
Bromodichloromethane	BDL	0.045	mg/kg	8260B	06/15/10	45
Bromoform	BDL	0.045	mg/kg	8260B	06/15/10	45
Bromomethane	BDL	0.22	mg/kg	8260B	06/15/10	45
n-Butylbenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
sec-Butylbenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
tert-Butylbenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
Carbon tetrachloride	BDL	0.045	mg/kg	8260B	06/15/10	45
Chlorobenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
Chlorodibromomethane	BDL	0.045	mg/kg	8260B	06/15/10	45
Chloroethane	BDL	0.22	mg/kg	8260B	06/15/10	45
Chloroform	BDL	0.22	mg/kg	8260B	06/15/10	45
Chloromethane	BDL	0.045	mg/kg	8260B	06/15/10	45
2-Chlorotoluene	BDL	0.045	mg/kg	8260B	06/15/10	45
4-Chlorotoluene	BDL	0.045	mg/kg	8260B	06/15/10	45
1,2-Dibromo-3-Chloropropane	BDL	0.22	mg/kg	8260B	06/15/10	45
1,2-Dibromoethane	BDL	0.045	mg/kg	8260B	06/15/10	45
Dibromomethane	BDL	0.045	mg/kg	8260B	06/15/10	45
1,2-Dichlorobenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
1,3-Dichlorobenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
1,4-Dichlorobenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
Dichlorodifluoromethane	BDL	0.22	mg/kg	8260B	06/15/10	45
1,1-Dichloroethane	BDL	0.045	mg/kg	8260B	06/15/10	45
1,2-Dichloroethane	BDL	0.045	mg/kg	8260B	06/15/10	45
1,1-Dichloroethene	BDL	0.045	mg/kg	8260B	06/15/10	45
cis-1,2-Dichloroethene	BDL	0.045	mg/kg	8260B	06/15/10	45
trans-1,2-Dichloroethene	BDL	0.045	mg/kg	8260B	06/15/10	45
1,2-Dichloropropane	BDL	0.045	mg/kg	8260B	06/15/10	45
1,1-Dichloropropene	BDL	0.045	mg/kg	8260B	06/15/10	45
1,3-Dichloropropane	BDL	0.045	mg/kg	8260B	06/15/10	45
cis-1,3-Dichloropropene	BDL	0.045	mg/kg	8260B	06/15/10	45
trans-1,3-Dichloropropene	BDL	0.045	mg/kg	8260B	06/15/10	45
2,2-Dichloropropane	BDL	0.045	mg/kg	8260B	06/15/10	45
Di-isopropyl ether	BDL	0.045	mg/kg	8260B	06/15/10	45
Ethylbenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
Hexachloro-1,3-Butadiene	BDL	0.045	mg/kg	8260B	06/15/10	45
Isopropylbenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
p-Isopropyltoluene	BDL	0.045	mg/kg	8260B	06/15/10	45
2-Butanone (MEK)	BDL	0.45	mg/kg	8260B	06/15/10	45
Methylene Chloride	BDL	0.22	mg/kg	8260B	06/15/10	45

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)



L·A·B S·C·I·E·N·C·E·S

YOUR LAB OF CHOICE

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Kathryn Peacock
Ninyo & Moore
3001 South 35th St., Suite 6
Phoenix, AZ 85034

June 21, 2010

Date Received : June 05, 2010
Description : 602972002
Sample ID : B-3-4
Collected By : David Boyer
Collection Date : 06/03/10 13:00

ESC Sample # : L462793-05

Site ID :

Project # : 602972002

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
4-Methyl-2-pentanone (MIBK)	BDL	0.45	mg/kg	8260B	06/15/10	45
Methyl tert-butyl ether	BDL	0.045	mg/kg	8260B	06/15/10	45
Naphthalene	BDL	0.22	mg/kg	8260B	06/15/10	45
n-Propylbenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
Styrene	BDL	0.045	mg/kg	8260B	06/15/10	45
1,1,1,2-Tetrachloroethane	BDL	0.045	mg/kg	8260B	06/15/10	45
1,1,2,2-Tetrachloroethane	BDL	0.045	mg/kg	8260B	06/15/10	45
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.045	mg/kg	8260B	06/15/10	45
Tetrachloroethene	BDL	0.045	mg/kg	8260B	06/15/10	45
Toluene	BDL	0.22	mg/kg	8260B	06/15/10	45
1,2,3-Trichlorobenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
1,2,4-Trichlorobenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
1,1,1-Trichloroethane	BDL	0.045	mg/kg	8260B	06/15/10	45
1,1,2-Trichloroethane	BDL	0.045	mg/kg	8260B	06/15/10	45
Trichloroethene	BDL	0.045	mg/kg	8260B	06/15/10	45
Trichlorofluoromethane	BDL	0.22	mg/kg	8260B	06/15/10	45
1,2,3-Trichloropropene	BDL	0.045	mg/kg	8260B	06/15/10	45
1,2,4-Trimethylbenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
1,2,3-Trimethylbenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
1,3,5-Trimethylbenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
Vinyl chloride	BDL	0.045	mg/kg	8260B	06/15/10	45
Xylenes, Total	BDL	0.14	mg/kg	8260B	06/15/10	45
Surrogate Recovery						
Toluene-d8	88.3		% Rec.	8260B	06/15/10	45
Dibromofluoromethane	74.5		% Rec.	8260B	06/15/10	45
4-Bromofluorobenzene	94.7		% Rec.	8260B	06/15/10	45
Polynuclear Aromatic Hydrocarbons						
Anthracene	BDL	0.020	mg/kg	8310	06/18/10	1
Acenaphthene	BDL	0.020	mg/kg	8310	06/18/10	1
Acenaphthylene	BDL	0.020	mg/kg	8310	06/18/10	1
Benzo(a)anthracene	BDL	0.020	mg/kg	8310	06/18/10	1
Benzo(a)pyrene	BDL	0.020	mg/kg	8310	06/18/10	1
Benzo(b)fluoranthene	BDL	0.020	mg/kg	8310	06/18/10	1
Benzo(g,h,i)perylene	BDL	0.020	mg/kg	8310	06/18/10	1
Benzo(k)fluoranthene	BDL	0.020	mg/kg	8310	06/18/10	1
Chrysene	BDL	0.020	mg/kg	8310	06/18/10	1
Dibenz(a,h)anthracene	BDL	0.020	mg/kg	8310	06/18/10	1
Fluoranthene	BDL	0.020	mg/kg	8310	06/18/10	1
Fluorene	BDL	0.020	mg/kg	8310	06/18/10	1
Indeno(1,2,3-cd)pyrene	BDL	0.020	mg/kg	8310	06/18/10	1
Naphthalene	BDL	0.020	mg/kg	8310	06/18/10	1
Phenanthrene	BDL	0.020	mg/kg	8310	06/18/10	1
Pyrene	BDL	0.020	mg/kg	8310	06/18/10	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)



YOUR LAB OF CHOICE

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

June 21, 2010

Kathryn Peacock
Ninyo & Moore
3001 South 35th St., Suite 6
Phoenix, AZ 85034

ESC Sample # : L462793-05

Date Received : June 05, 2010
Description : 602972002

Site ID :

Sample ID : B-3-4

Project # : 602972002

Collected By : David Boyer
Collection Date : 06/03/10 13:00

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Surrogate p-Terphenyl-d14	74.5		% Rec.	8310	06/18/10	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

Note:

The reported analytical results relate only to the sample submitted.
This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 06/21/10 09:44 Printed: 06/21/10 09:45



YOUR LAB OF CHOICE

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Kathryn Peacock
Ninyo & Moore
3001 South 35th St., Suite 6
Phoenix, AZ 85034

June 21, 2010

Date Received : June 05, 2010
Description : 602972002
Sample ID : B-3-6
Collected By : David Boyer
Collection Date : 06/03/10 13:05

ESC Sample # : L462793-06

Site ID :

Project # : 602972002

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Acetone	BDL	2.3	mg/kg	8260B	06/15/10	46
Acrylonitrile	BDL	0.46	mg/kg	8260B	06/15/10	46
Benzene	BDL	0.046	mg/kg	8260B	06/15/10	46
Bromobenzene	BDL	0.046	mg/kg	8260B	06/15/10	46
Bromodichloromethane	BDL	0.046	mg/kg	8260B	06/15/10	46
Bromoform	BDL	0.046	mg/kg	8260B	06/15/10	46
Bromomethane	BDL	0.23	mg/kg	8260B	06/15/10	46
n-Butylbenzene	BDL	0.046	mg/kg	8260B	06/15/10	46
sec-Butylbenzene	BDL	0.046	mg/kg	8260B	06/15/10	46
tert-Butylbenzene	BDL	0.046	mg/kg	8260B	06/15/10	46
Carbon tetrachloride	BDL	0.046	mg/kg	8260B	06/15/10	46
Chlorobenzene	BDL	0.046	mg/kg	8260B	06/15/10	46
Chlorodibromomethane	BDL	0.046	mg/kg	8260B	06/15/10	46
Chloroethane	BDL	0.23	mg/kg	8260B	06/15/10	46
Chloroform	BDL	0.23	mg/kg	8260B	06/15/10	46
Chloromethane	BDL	0.046	mg/kg	8260B	06/15/10	46
2-Chlorotoluene	BDL	0.046	mg/kg	8260B	06/15/10	46
4-Chlorotoluene	BDL	0.046	mg/kg	8260B	06/15/10	46
1,2-Dibromo-3-Chloropropane	BDL	0.23	mg/kg	8260B	06/15/10	46
1,2-Dibromoethane	BDL	0.046	mg/kg	8260B	06/15/10	46
Dibromomethane	BDL	0.046	mg/kg	8260B	06/15/10	46
1,2-Dichlorobenzene	BDL	0.046	mg/kg	8260B	06/15/10	46
1,3-Dichlorobenzene	BDL	0.046	mg/kg	8260B	06/15/10	46
1,4-Dichlorobenzene	BDL	0.046	mg/kg	8260B	06/15/10	46
Dichlorodifluoromethane	BDL	0.23	mg/kg	8260B	06/15/10	46
1,1-Dichloroethane	BDL	0.046	mg/kg	8260B	06/15/10	46
1,2-Dichloroethane	BDL	0.046	mg/kg	8260B	06/15/10	46
1,1-Dichloroethene	BDL	0.046	mg/kg	8260B	06/15/10	46
cis-1,2-Dichloroethene	BDL	0.046	mg/kg	8260B	06/15/10	46
trans-1,2-Dichloroethene	BDL	0.046	mg/kg	8260B	06/15/10	46
1,2-Dichloropropane	BDL	0.046	mg/kg	8260B	06/15/10	46
1,1-Dichloropropene	BDL	0.046	mg/kg	8260B	06/15/10	46
1,3-Dichloropropane	BDL	0.046	mg/kg	8260B	06/15/10	46
cis-1,3-Dichloropropene	BDL	0.046	mg/kg	8260B	06/15/10	46
trans-1,3-Dichloropropene	BDL	0.046	mg/kg	8260B	06/15/10	46
2,2-Dichloropropane	BDL	0.046	mg/kg	8260B	06/15/10	46
Di-isopropyl ether	BDL	0.046	mg/kg	8260B	06/15/10	46
Ethylbenzene	BDL	0.046	mg/kg	8260B	06/15/10	46
Hexachloro-1,3-Butadiene	BDL	0.046	mg/kg	8260B	06/15/10	46
Isopropylbenzene	BDL	0.046	mg/kg	8260B	06/15/10	46
p-Isopropyltoluene	BDL	0.046	mg/kg	8260B	06/15/10	46
2-Butanone (MEK)	BDL	0.46	mg/kg	8260B	06/15/10	46
Methylene Chloride	BDL	0.23	mg/kg	8260B	06/15/10	46

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)



12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Kathryn Peacock
Ninvo & Moore
3001 South 35th St., Suite 6
Phoenix, AZ 85034

June 21, 2010

Date Received : June 05, 2010
Description : 602972002
Sample ID : B-3-6
Collected By : David Boyer
Collection Date : 06/03/10 13:05

ESC Sample # : L462793-06

Site ID :
Project # : 602972002

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
4-Methyl-2-pentanone (MIBK)	BDL	0.46	mg/kg	8260B	06/15/10	46
Methyl tert-butyl ether	BDL	0.046	mg/kg	8260B	06/15/10	46
Naphthalene	BDL	0.23	mg/kg	8260B	06/15/10	46
n-Propylbenzene	BDL	0.046	mg/kg	8260B	06/15/10	46
Styrene	BDL	0.046	mg/kg	8260B	06/15/10	46
1,1,1,2-Tetrachloroethane	BDL	0.046	mg/kg	8260B	06/15/10	46
1,1,2,2-Tetrachloroethane	BDL	0.046	mg/kg	8260B	06/15/10	46
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.046	mg/kg	8260B	06/15/10	46
Tetrachloroethene	BDL	0.046	mg/kg	8260B	06/15/10	46
Toluene	BDL	0.23	mg/kg	8260B	06/15/10	46
1,2,3-Trichlorobenzene	BDL	0.046	mg/kg	8260B	06/15/10	46
1,2,4-Trichlorobenzene	BDL	0.046	mg/kg	8260B	06/15/10	46
1,1,1-Trichloroethane	BDL	0.046	mg/kg	8260B	06/15/10	46
1,1,2-Trichloroethane	BDL	0.046	mg/kg	8260B	06/15/10	46
Trichloroethene	BDL	0.046	mg/kg	8260B	06/15/10	46
Trichlorofluoromethane	BDL	0.23	mg/kg	8260B	06/15/10	46
1,2,3-Trichloropropane	BDL	0.046	mg/kg	8260B	06/15/10	46
1,2,4-Trimethylbenzene	BDL	0.046	mg/kg	8260B	06/15/10	46
1,2,3-Trimethylbenzene	BDL	0.046	mg/kg	8260B	06/15/10	46
1,3,5-Trimethylbenzene	BDL	0.046	mg/kg	8260B	06/15/10	46
Vinyl chloride	BDL	0.046	mg/kg	8260B	06/15/10	46
Xylenes, Total	BDL	0.14	mg/kg	8260B	06/15/10	46
Surrogate Recovery						
Toluene-d8	88.1		% Rec.	8260B	06/15/10	46
Dibromofluoromethane	78.3		% Rec.	8260B	06/15/10	46
4-Bromofluorobenzene	93.5		% Rec.	8260B	06/15/10	46
Polynuclear Aromatic Hydrocarbons						
Anthracene	BDL	0.020	mg/kg	8310	06/16/10	1
Acenaphthene	BDL	0.020	mg/kg	8310	06/16/10	1
Acenaphthylene	BDL	0.020	mg/kg	8310	06/16/10	1
Benzo(a)anthracene	BDL	0.020	mg/kg	8310	06/16/10	1
Benzo(a)pyrene	BDL	0.020	mg/kg	8310	06/16/10	1
Benzo(b)fluoranthene	BDL	0.020	mg/kg	8310	06/16/10	1
Benzo(g,h,i)perylene	BDL	0.020	mg/kg	8310	06/16/10	1
Benzo(k)fluoranthene	BDL	0.020	mg/kg	8310	06/16/10	1
Chrysene	BDL	0.020	mg/kg	8310	06/16/10	1
Dibenz(a,h)anthracene	BDL	0.020	mg/kg	8310	06/16/10	1
Fluoranthene	BDL	0.020	mg/kg	8310	06/16/10	1
Fluorene	BDL	0.020	mg/kg	8310	06/16/10	1
Indeno(1,2,3-cd)pyrene	BDL	0.020	mg/kg	8310	06/16/10	1
Naphthalene	BDL	0.020	mg/kg	8310	06/16/10	1
Phenanthrene	BDL	0.020	mg/kg	8310	06/16/10	1
Pyrene	BDL	0.020	mg/kg	8310	06/16/10	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)



YOUR LAB OF CHOICE

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

June 21, 2010

Kathryn Peacock
Ninyo & Moore
3001 South 35th St., Suite 6
Phoenix, AZ 85034

Date Received : June 05, 2010
Description : 602972002
Sample ID : B-3-6
Collected By : David Boyer
Collection Date : 06/03/10 13:05

ESC Sample # : L462793-06

Site ID :

Project # : 602972002

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Surrogate p-Terphenyl-d14	67.8		% Rec.	8310	06/16/10	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

Note:

The reported analytical results relate only to the sample submitted.
This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 06/21/10 09:44 Printed: 06/21/10 09:45



12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

June 21, 2010

Kathryn Peacock
Ninvo & Moore
3001 South 35th St., Suite 6
Phoenix, AZ 85034

Date Received : June 05, 2010
Description : 602972002

ESC Sample # : L462793-07

Sample ID : B-2-2

Site ID :

Collected By : David Boyer
Collection Date : 06/03/10 13:30

Project # : 602972002

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Acetone	BDL	2.1	mg/kg	8260B	06/15/10	42.5
Acrylonitrile	BDL	0.42	mg/kg	8260B	06/15/10	42.5
Benzene	BDL	0.042	mg/kg	8260B	06/15/10	42.5
Bromobenzene	BDL	0.042	mg/kg	8260B	06/15/10	42.5
Bromodichloromethane	BDL	0.042	mg/kg	8260B	06/15/10	42.5
Bromoform	BDL	0.042	mg/kg	8260B	06/15/10	42.5
Bromomethane	BDL	0.21	mg/kg	8260B	06/15/10	42.5
n-Butylbenzene	BDL	0.042	mg/kg	8260B	06/15/10	42.5
sec-Butylbenzene	BDL	0.042	mg/kg	8260B	06/15/10	42.5
tert-Butylbenzene	BDL	0.042	mg/kg	8260B	06/15/10	42.5
Carbon tetrachloride	BDL	0.042	mg/kg	8260B	06/15/10	42.5
Chlorobenzene	BDL	0.042	mg/kg	8260B	06/15/10	42.5
Chlorodibromomethane	BDL	0.042	mg/kg	8260B	06/15/10	42.5
Chloroethane	BDL	0.21	mg/kg	8260B	06/15/10	42.5
Chloroform	BDL	0.21	mg/kg	8260B	06/15/10	42.5
Chloromethane	BDL	0.042	mg/kg	8260B	06/15/10	42.5
2-Chlorotoluene	BDL	0.042	mg/kg	8260B	06/15/10	42.5
4-Chlorotoluene	BDL	0.042	mg/kg	8260B	06/15/10	42.5
1,2-Dibromo-3-Chloropropane	BDL	0.21	mg/kg	8260B	06/15/10	42.5
1,2-Dibromoethane	BDL	0.042	mg/kg	8260B	06/15/10	42.5
Dibromomethane	BDL	0.042	mg/kg	8260B	06/15/10	42.5
1,2-Dichlorobenzene	BDL	0.042	mg/kg	8260B	06/15/10	42.5
1,3-Dichlorobenzene	BDL	0.042	mg/kg	8260B	06/15/10	42.5
1,4-Dichlorobenzene	BDL	0.042	mg/kg	8260B	06/15/10	42.5
Dichlorodifluoromethane	BDL	0.21	mg/kg	8260B	06/15/10	42.5
1,1-Dichloroethane	BDL	0.042	mg/kg	8260B	06/15/10	42.5
1,2-Dichloroethane	BDL	0.042	mg/kg	8260B	06/15/10	42.5
1,1-Dichloroethene	BDL	0.042	mg/kg	8260B	06/15/10	42.5
cis-1,2-Dichloroethene	BDL	0.042	mg/kg	8260B	06/15/10	42.5
trans-1,2-Dichloroethene	BDL	0.042	mg/kg	8260B	06/15/10	42.5
1,2-Dichloropropene	BDL	0.042	mg/kg	8260B	06/15/10	42.5
1,1-Dichloropropene	BDL	0.042	mg/kg	8260B	06/15/10	42.5
1,3-Dichloropropene	BDL	0.042	mg/kg	8260B	06/15/10	42.5
cis-1,3-Dichloropropene	BDL	0.042	mg/kg	8260B	06/15/10	42.5
trans-1,3-Dichloropropene	BDL	0.042	mg/kg	8260B	06/15/10	42.5
2,2-Dichloropropane	BDL	0.042	mg/kg	8260B	06/15/10	42.5
Di-isopropyl ether	BDL	0.042	mg/kg	8260B	06/15/10	42.5
Ethylbenzene	BDL	0.042	mg/kg	8260B	06/15/10	42.5
Hexachloro-1,3-Butadiene	BDL	0.042	mg/kg	8260B	06/15/10	42.5
Isopropylbenzene	BDL	0.042	mg/kg	8260B	06/15/10	42.5
p-Isopropyltoluene	BDL	0.042	mg/kg	8260B	06/15/10	42.5
2-Butanone (MEK)	BDL	0.42	mg/kg	8260B	06/15/10	42.5
Methylene Chloride	BDL	0.21	mg/kg	8260B	06/15/10	42.5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)



12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Kathryn Peacock
Ninjo & Moore
3001 South 35th St., Suite 6
Phoenix, AZ 85034

June 21, 2010

Date Received : June 05, 2010
Description : 602972002
Sample ID : B-2-2
Collected By : David Boyer
Collection Date : 06/03/10 13:30

ESC Sample # : L462793-07

Site ID :

Project # : 602972002

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
4-Methyl-2-pentanone (MIBK)	BDL	0.42	mg/kg	8260B	06/15/10	42.5
Methyl tert-butyl ether	BDL	0.042	mg/kg	8260B	06/15/10	42.5
Naphthalene	BDL	0.21	mg/kg	8260B	06/15/10	42.5
n-Propylbenzene	BDL	0.042	mg/kg	8260B	06/15/10	42.5
Styrene	BDL	0.042	mg/kg	8260B	06/15/10	42.5
1,1,1,2-Tetrachloroethane	BDL	0.042	mg/kg	8260B	06/15/10	42.5
1,1,2,2-Tetrachloroethane	BDL	0.042	mg/kg	8260B	06/15/10	42.5
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.042	mg/kg	8260B	06/15/10	42.5
Tetrachloroethene	BDL	0.042	mg/kg	8260B	06/15/10	42.5
Toluene	BDL	0.21	mg/kg	8260B	06/15/10	42.5
1,2,3-Trichlorobenzene	BDL	0.042	mg/kg	8260B	06/15/10	42.5
1,2,4-Trichlorobenzene	BDL	0.042	mg/kg	8260B	06/15/10	42.5
1,1,1-Trichloroethane	BDL	0.042	mg/kg	8260B	06/15/10	42.5
1,1,2-Trichloroethane	BDL	0.042	mg/kg	8260B	06/15/10	42.5
Trichloroethene	BDL	0.042	mg/kg	8260B	06/15/10	42.5
Trichlorofluoromethane	BDL	0.21	mg/kg	8260B	06/15/10	42.5
1,2,3-Trichloropropane	BDL	0.042	mg/kg	8260B	06/15/10	42.5
1,2,4-Trimethylbenzene	BDL	0.042	mg/kg	8260B	06/15/10	42.5
1,2,3-Trimethylbenzene	BDL	0.042	mg/kg	8260B	06/15/10	42.5
1,3,5-Trimethylbenzene	BDL	0.042	mg/kg	8260B	06/15/10	42.5
Vinyl chloride	BDL	0.042	mg/kg	8260B	06/15/10	42.5
Xylenes, Total	BDL	0.13	mg/kg	8260B	06/15/10	42.5
Surrogate Recovery						
Toluene-d8	89.0		% Rec.	8260B	06/15/10	42.5
Dibromofluoromethane	78.6		% Rec.	8260B	06/15/10	42.5
4-Bromofluorobenzene	98.9		% Rec.	8260B	06/15/10	42.5
Polynuclear Aromatic Hydrocarbons						
Anthracene	BDL	0.020	mg/kg	8310	06/16/10	1
Acenaphthene	BDL	0.020	mg/kg	8310	06/16/10	1
Acenaphthylene	BDL	0.020	mg/kg	8310	06/16/10	1
Benzo(a)anthracene	BDL	0.020	mg/kg	8310	06/16/10	1
Benzo(a)pyrene	BDL	0.020	mg/kg	8310	06/16/10	1
Benzo(b)fluoranthene	BDL	0.020	mg/kg	8310	06/16/10	1
Benzo(g,h,i)perylene	BDL	0.020	mg/kg	8310	06/16/10	1
Benzo(k)fluoranthene	BDL	0.020	mg/kg	8310	06/16/10	1
Chrysene	BDL	0.020	mg/kg	8310	06/16/10	1
Dibenz(a,h)anthracene	BDL	0.020	mg/kg	8310	06/16/10	1
Fluoranthene	BDL	0.020	mg/kg	8310	06/16/10	1
Fluorene	BDL	0.020	mg/kg	8310	06/16/10	1
Indeno(1,2,3-cd)pyrene	BDL	0.020	mg/kg	8310	06/16/10	1
Naphthalene	BDL	0.020	mg/kg	8310	06/16/10	1
Phenanthrene	BDL	0.020	mg/kg	8310	06/16/10	1
Pyrene	BDL	0.020	mg/kg	8310	06/16/10	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)



12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

June 21, 2010

Kathryn Peacock
Ninno & Moore
3001 South 35th St., Suite 6
Phoenix, AZ 85034

Date Received : June 05, 2010
Description : 602972002

ESC Sample # : L462793-07

Sample ID : B-2-2

Site ID :

Collected By : David Boyer
Collection Date : 06/03/10 13:30

Project # : 602972002

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Surrogate p-Terphenyl-d14	74.0		% Rec.	8310	06/16/10	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit (PQL)

Note:

The reported analytical results relate only to the sample submitted.
This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 06/21/10 09:44 Printed: 06/21/10 09:45



YOUR LAB OF CHOICE

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Kathryn Peacock
Ninvo & Moore
3001 South 35th St., Suite 6
Phoenix, AZ 85034

June 21, 2010

Date Received : June 05, 2010
Description : 602972002
Sample ID : B-2-4
Collected By : David Boyer
Collection Date : 06/03/10 13:45

ESC Sample # : L462793-08
Site ID :
Project # : 602972002

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Acetone	BDL	2.2	mg/kg	8260B	06/15/10	44.5
Acrylonitrile	BDL	0.44	mg/kg	8260B	06/15/10	44.5
Benzene	BDL	0.044	mg/kg	8260B	06/15/10	44.5
Bromobenzene	BDL	0.044	mg/kg	8260B	06/15/10	44.5
Bromodichloromethane	BDL	0.044	mg/kg	8260B	06/15/10	44.5
Bromoform	BDL	0.044	mg/kg	8260B	06/15/10	44.5
Bromomethane	BDL	0.22	mg/kg	8260B	06/15/10	44.5
n-Butylbenzene	BDL	0.044	mg/kg	8260B	06/15/10	44.5
sec-Butylbenzene	BDL	0.044	mg/kg	8260B	06/15/10	44.5
tert-Butylbenzene	BDL	0.044	mg/kg	8260B	06/15/10	44.5
Carbon tetrachloride	BDL	0.044	mg/kg	8260B	06/15/10	44.5
Chlorobenzene	BDL	0.044	mg/kg	8260B	06/15/10	44.5
Chlorodibromomethane	BDL	0.044	mg/kg	8260B	06/15/10	44.5
Chloroethane	BDL	0.22	mg/kg	8260B	06/15/10	44.5
Chloroform	BDL	0.22	mg/kg	8260B	06/15/10	44.5
Chloromethane	BDL	0.044	mg/kg	8260B	06/15/10	44.5
2-Chlorotoluene	BDL	0.044	mg/kg	8260B	06/15/10	44.5
4-Chlorotoluene	BDL	0.044	mg/kg	8260B	06/15/10	44.5
1,2-Dibromo-3-Chloropropane	BDL	0.22	mg/kg	8260B	06/15/10	44.5
1,2-Dibromoethane	BDL	0.044	mg/kg	8260B	06/15/10	44.5
Dibromomethane	BDL	0.044	mg/kg	8260B	06/15/10	44.5
1,2-Dichlorobenzene	BDL	0.044	mg/kg	8260B	06/15/10	44.5
1,3-Dichlorobenzene	BDL	0.044	mg/kg	8260B	06/15/10	44.5
1,4-Dichlorobenzene	BDL	0.044	mg/kg	8260B	06/15/10	44.5
Dichlorodifluoromethane	BDL	0.22	mg/kg	8260B	06/15/10	44.5
1,1-Dichloroethane	BDL	0.044	mg/kg	8260B	06/15/10	44.5
1,2-Dichloroethane	BDL	0.044	mg/kg	8260B	06/15/10	44.5
1,1-Dichloroethene	BDL	0.044	mg/kg	8260B	06/15/10	44.5
cis-1,2-Dichloroethene	BDL	0.044	mg/kg	8260B	06/15/10	44.5
trans-1,2-Dichloroethene	BDL	0.044	mg/kg	8260B	06/15/10	44.5
1,2-Dichloropropane	BDL	0.044	mg/kg	8260B	06/15/10	44.5
1,1-Dichloropropene	BDL	0.044	mg/kg	8260B	06/15/10	44.5
1,3-Dichloropropane	BDL	0.044	mg/kg	8260B	06/15/10	44.5
cis-1,3-Dichloropropene	BDL	0.044	mg/kg	8260B	06/15/10	44.5
trans-1,3-Dichloropropene	BDL	0.044	mg/kg	8260B	06/15/10	44.5
2,2-Dichloropropane	BDL	0.044	mg/kg	8260B	06/15/10	44.5
Di-isopropyl ether	BDL	0.044	mg/kg	8260B	06/15/10	44.5
Ethylbenzene	BDL	0.044	mg/kg	8260B	06/15/10	44.5
Hexachloro-1,3-Butadiene	BDL	0.044	mg/kg	8260B	06/15/10	44.5
Isopropylbenzene	BDL	0.044	mg/kg	8260B	06/15/10	44.5
p-Isopropyltoluene	BDL	0.044	mg/kg	8260B	06/15/10	44.5
2-Butanone (MEK)	BDL	0.44	mg/kg	8260B	06/15/10	44.5
Methylene Chloride	BDL	0.22	mg/kg	8260B	06/15/10	44.5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)



YOUR LAB OF CHOICE

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Kathryn Peacock
Ninny & Moore
3001 South 35th St., Suite 6
Phoenix, AZ 85034

June 21, 2010

Date Received : June 05, 2010
Description : 602972002
Sample ID : B-2-4
Collected By : David Boyer
Collection Date : 06/03/10 13:45

ESC Sample # : L462793-08

Site ID :
Project # : 602972002

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
4-Methyl-2-pentanone (MIBK)	BDL	0.44	mg/kg	8260B	06/15/10	44.5
Methyl tert-butyl ether	BDL	0.044	mg/kg	8260B	06/15/10	44.5
Naphthalene	BDL	0.22	mg/kg	8260B	06/15/10	44.5
n-Propylbenzene	BDL	0.044	mg/kg	8260B	06/15/10	44.5
Styrene	BDL	0.044	mg/kg	8260B	06/15/10	44.5
1,1,2-Tetrachloroethane	BDL	0.044	mg/kg	8260B	06/15/10	44.5
1,1,2,2-Tetrachloroethane	BDL	0.044	mg/kg	8260B	06/15/10	44.5
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.044	mg/kg	8260B	06/15/10	44.5
Tetrachloroethene	BDL	0.044	mg/kg	8260B	06/15/10	44.5
Toluene	BDL	0.22	mg/kg	8260B	06/15/10	44.5
1,2,3-Trichlorobenzene	BDL	0.044	mg/kg	8260B	06/15/10	44.5
1,2,4-Trichlorobenzene	BDL	0.044	mg/kg	8260B	06/15/10	44.5
1,1,1-Trichloroethane	BDL	0.044	mg/kg	8260B	06/15/10	44.5
1,1,2-Trichloroethane	BDL	0.044	mg/kg	8260B	06/15/10	44.5
Trichloroethene	BDL	0.044	mg/kg	8260B	06/15/10	44.5
Trichlorofluoromethane	BDL	0.22	mg/kg	8260B	06/15/10	44.5
1,2,3-Trichloropropene	BDL	0.044	mg/kg	8260B	06/15/10	44.5
1,2,4-Trimethylbenzene	BDL	0.044	mg/kg	8260B	06/15/10	44.5
1,2,3-Trimethylbenzene	BDL	0.044	mg/kg	8260B	06/15/10	44.5
1,3,5-Trimethylbenzene	BDL	0.044	mg/kg	8260B	06/15/10	44.5
Vinyl chloride	BDL	0.044	mg/kg	8260B	06/15/10	44.5
Xylenes, Total	BDL	0.13	mg/kg	8260B	06/15/10	44.5
Surrogate Recovery						
Toluene-d8	90.4		% Rec.	8260B	06/15/10	44.5
Dibromofluoromethane	74.6		% Rec.	8260B	06/15/10	44.5
4-Bromofluorobenzene	95.5		% Rec.	8260B	06/15/10	44.5
Polynuclear Aromatic Hydrocarbons						
Anthracene	BDL	0.020	mg/kg	8310	06/10/10	1
Acenaphthene	BDL	0.020	mg/kg	8310	06/10/10	1
Acenaphthylene	BDL	0.020	mg/kg	8310	06/10/10	1
Benzo(a)anthracene	BDL	0.020	mg/kg	8310	06/10/10	1
Benzo(a)pyrene	BDL	0.020	mg/kg	8310	06/10/10	1
Benzo(b)fluoranthene	BDL	0.020	mg/kg	8310	06/10/10	1
Benzo(g,h,i)perylene	BDL	0.020	mg/kg	8310	06/10/10	1
Benzo(k)fluoranthene	BDL	0.020	mg/kg	8310	06/10/10	1
Chrysene	BDL	0.020	mg/kg	8310	06/10/10	1
Dibenz(a,h)anthracene	BDL	0.020	mg/kg	8310	06/10/10	1
Fluoranthene	BDL	0.020	mg/kg	8310	06/10/10	1
Fluorene	BDL	0.020	mg/kg	8310	06/10/10	1
Indeno(1,2,3-cd)pyrene	BDL	0.020	mg/kg	8310	06/10/10	1
Naphthalene	BDL	0.020	mg/kg	8310	06/10/10	1
Phenanthrene	BDL	0.020	mg/kg	8310	06/10/10	1
Pyrene	BDL	0.020	mg/kg	8310	06/10/10	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)



YOUR LAB OF CHOICE

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Kathryn Peacock
Ninyo & Moore
3001 South 35th St., Suite 6
Phoenix, AZ 85034

June 21, 2010

Date Received : June 05, 2010
Description : 602972002

ESC Sample # : L462793-08

Sample ID : B-2-4

Site ID :

Collected By : David Boyer
Collection Date : 06/03/10 13:45

Project # : 602972002

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Surrogate p-Terphenyl-d14	73.9		% Rec.	8310	06/10/10	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

Note:

The reported analytical results relate only to the sample submitted.
This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 06/21/10 09:44 Printed: 06/21/10 09:45



L·A·B S·C·I·E·N·C·E·S

YOUR LAB OF CHOICE

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

June 21, 2010

Kathryn Peacock
Ninvo & Moore
3001 South 35th St., Suite 6
Phoenix, AZ 85034

Date Received : June 05, 2010
Description : 602972002

ESC Sample # : L462793-09

Sample ID : B-2-6
Collected By : David Boyer
Collection Date : 06/03/10 13:50

Site ID :
Project # : 602972002

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Acetone	BDL	2.2	mg/kg	8260B	06/15/10	45
Acrylonitrile	BDL	0.45	mg/kg	8260B	06/15/10	45
Benzene	BDL	0.045	mg/kg	8260B	06/15/10	45
Bromobenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
Bromodichloromethane	BDL	0.045	mg/kg	8260B	06/15/10	45
Bromoform	BDL	0.045	mg/kg	8260B	06/15/10	45
Bromomethane	BDL	0.22	mg/kg	8260B	06/15/10	45
n-Butylbenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
sec-Butylbenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
tert-Butylbenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
Carbon tetrachloride	BDL	0.045	mg/kg	8260B	06/15/10	45
Chlorobenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
Chlorodibromomethane	BDL	0.045	mg/kg	8260B	06/15/10	45
Chloroethane	BDL	0.22	mg/kg	8260B	06/15/10	45
Chloroform	BDL	0.22	mg/kg	8260B	06/15/10	45
Chloromethane	BDL	0.045	mg/kg	8260B	06/15/10	45
2-Chlorotoluene	BDL	0.045	mg/kg	8260B	06/15/10	45
4-Chlorotoluene	BDL	0.045	mg/kg	8260B	06/15/10	45
1,2-Dibromo-3-Chloropropane	BDL	0.22	mg/kg	8260B	06/15/10	45
1,2-Dibromoethane	BDL	0.045	mg/kg	8260B	06/15/10	45
Dibromomethane	BDL	0.045	mg/kg	8260B	06/15/10	45
1,2-Dichlorobenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
1,3-Dichlorobenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
1,4-Dichlorobenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
Dichlorodifluoromethane	BDL	0.22	mg/kg	8260B	06/15/10	45
1,1-Dichloroethane	BDL	0.045	mg/kg	8260B	06/15/10	45
1,2-Dichloroethane	BDL	0.045	mg/kg	8260B	06/15/10	45
1,1-Dichloroethene	BDL	0.045	mg/kg	8260B	06/15/10	45
cis-1,2-Dichloroethene	BDL	0.045	mg/kg	8260B	06/15/10	45
trans-1,2-Dichloroethene	BDL	0.045	mg/kg	8260B	06/15/10	45
1,2-Dichloropropene	BDL	0.045	mg/kg	8260B	06/15/10	45
1,1-Dichloropropene	BDL	0.045	mg/kg	8260B	06/15/10	45
1,3-Dichloropropene	BDL	0.045	mg/kg	8260B	06/15/10	45
cis-1,3-Dichloropropene	BDL	0.045	mg/kg	8260B	06/15/10	45
trans-1,3-Dichloropropene	BDL	0.045	mg/kg	8260B	06/15/10	45
2,2-Dichloropropane	BDL	0.045	mg/kg	8260B	06/15/10	45
Di-isopropyl ether	BDL	0.045	mg/kg	8260B	06/15/10	45
Ethylbenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
Hexachloro-1,3-Butadiene	BDL	0.045	mg/kg	8260B	06/15/10	45
Isopropylbenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
p-Isopropyltoluene	BDL	0.045	mg/kg	8260B	06/15/10	45
2-Butanone (MEK)	BDL	0.45	mg/kg	8260B	06/15/10	45
Methylene Chloride	BDL	0.22	mg/kg	8260B	06/15/10	45

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)



L·A·B S·C·I·E·N·C·E·S

YOUR LAB OF CHOICE

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Kathryn Peacock
Ninvo & Moore
3001 South 35th St., Suite 6
Phoenix, AZ 85034

June 21, 2010

Date Received : June 05, 2010
Description : 602972002
Sample ID : B-2-6
Collected By : David Boyer
Collection Date : 06/03/10 13:50

ESC Sample # : L462793-09
Site ID :
Project # : 602972002

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
4-Methyl-2-pentanone (MIBK)	BDL	0.45	mg/kg	8260B	06/15/10	45
Methyl tert-butyl ether	BDL	0.045	mg/kg	8260B	06/15/10	45
Naphthalene	BDL	0.22	mg/kg	8260B	06/15/10	45
n-Propylbenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
Styrene	BDL	0.045	mg/kg	8260B	06/15/10	45
1,1,1,2-Tetrachloroethane	BDL	0.045	mg/kg	8260B	06/15/10	45
1,1,2,2-Tetrachloroethane	BDL	0.045	mg/kg	8260B	06/15/10	45
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.045	mg/kg	8260B	06/15/10	45
Tetrachloroethene	BDL	0.045	mg/kg	8260B	06/15/10	45
Toluene	BDL	0.22	mg/kg	8260B	06/15/10	45
1,2,3-Trichlorobenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
1,2,4-Trichlorobenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
1,1,1-Trichloroethane	BDL	0.045	mg/kg	8260B	06/15/10	45
1,1,2-Trichloroethane	BDL	0.045	mg/kg	8260B	06/15/10	45
Trichloroethene	BDL	0.045	mg/kg	8260B	06/15/10	45
Trichlorofluoromethane	BDL	0.22	mg/kg	8260B	06/15/10	45
1,2,3-Trichloropropane	BDL	0.045	mg/kg	8260B	06/15/10	45
1,2,4-Trimethylbenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
1,2,3-Trimethylbenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
1,3,5-Trimethylbenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
Vinyl chloride	BDL	0.045	mg/kg	8260B	06/15/10	45
Xylenes, Total	BDL	0.14	mg/kg	8260B	06/15/10	45
Surrogate Recovery						
Toluene-d8	88.3		% Rec.	8260B	06/15/10	45
Dibromofluoromethane	78.8		% Rec.	8260B	06/15/10	45
4-Bromofluorobenzene	95.5		% Rec.	8260B	06/15/10	45
Polynuclear Aromatic Hydrocarbons						
Anthracene	BDL	0.020	mg/kg	8310	06/10/10	1
Acenaphthene	BDL	0.020	mg/kg	8310	06/10/10	1
Acenaphthylene	BDL	0.020	mg/kg	8310	06/10/10	1
Benzo(a)anthracene	BDL	0.020	mg/kg	8310	06/10/10	1
Benzo(a)pyrene	BDL	0.020	mg/kg	8310	06/10/10	1
Benzo(b)fluoranthene	BDL	0.020	mg/kg	8310	06/10/10	1
Benzo(g,h,i)perylene	BDL	0.020	mg/kg	8310	06/10/10	1
Benzo(k)fluoranthene	BDL	0.020	mg/kg	8310	06/10/10	1
Chrysene	BDL	0.020	mg/kg	8310	06/10/10	1
Dibenz(a,h)anthracene	BDL	0.020	mg/kg	8310	06/10/10	1
Fluoranthene	BDL	0.020	mg/kg	8310	06/10/10	1
Fluorene	BDL	0.020	mg/kg	8310	06/10/10	1
Indeno(1,2,3-cd)pyrene	BDL	0.020	mg/kg	8310	06/10/10	1
Naphthalene	BDL	0.020	mg/kg	8310	06/10/10	1
Phenanthrene	BDL	0.020	mg/kg	8310	06/10/10	1
Pyrene	BDL	0.020	mg/kg	8310	06/10/10	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)



12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

June 21, 2010

Kathryn Peacock
Ninvo & Moore
3001 South 35th St., Suite 6
Phoenix, AZ 85034

Date Received : June 05, 2010
Description : 602972002
Sample ID : B-2-6
Collected By : David Boyer
Collection Date : 06/03/10 13:50

ESC Sample # : L462793-09

Site ID :

Project # : 602972002

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Surrogate p-Terphenyl-d14	92.8		% Rec.	8310	06/10/10	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

Note:

The reported analytical results relate only to the sample submitted.
This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 06/21/10 09:44 Printed: 06/21/10 09:45



L·A·B S·C·I·E·N·C·E·S

YOUR LAB OF CHOICE

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Kathryn Peacock
Ninvo & Moore
3001 South 35th St., Suite 6
Phoenix, AZ 85034

June 21, 2010

Date Received : June 05, 2010
Description : 602972002

ESC Sample # : L462793-10

Sample ID : B-1-2

Site ID :

Collected By : David Boyer
Collection Date : 06/03/10 14:10

Project # : 602972002

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Acetone	BDL	2.3	mg/kg	8260B	06/15/10	46
Acrylonitrile	BDL	0.46	mg/kg	8260B	06/15/10	46
Benzene	BDL	0.046	mg/kg	8260B	06/15/10	46
Bromobenzene	BDL	0.046	mg/kg	8260B	06/15/10	46
Bromodichloromethane	BDL	0.046	mg/kg	8260B	06/15/10	46
Bromoform	BDL	0.046	mg/kg	8260B	06/15/10	46
Bromomethane	BDL	0.23	mg/kg	8260B	06/15/10	46
n-Butylbenzene	BDL	0.046	mg/kg	8260B	06/15/10	46
sec-Butylbenzene	BDL	0.046	mg/kg	8260B	06/15/10	46
tert-Butylbenzene	BDL	0.046	mg/kg	8260B	06/15/10	46
Carbon tetrachloride	BDL	0.046	mg/kg	8260B	06/15/10	46
Chlorobenzene	BDL	0.046	mg/kg	8260B	06/15/10	46
Chlorodibromomethane	BDL	0.046	mg/kg	8260B	06/15/10	46
Chloroethane	BDL	0.23	mg/kg	8260B	06/15/10	46
Chloroform	BDL	0.23	mg/kg	8260B	06/15/10	46
Chloromethane	BDL	0.046	mg/kg	8260B	06/15/10	46
2-Chlorotoluene	BDL	0.046	mg/kg	8260B	06/15/10	46
4-Chlorotoluene	BDL	0.046	mg/kg	8260B	06/15/10	46
1,2-Dibromo-3-Chloropropane	BDL	0.23	mg/kg	8260B	06/15/10	46
1,2-Dibromoethane	BDL	0.046	mg/kg	8260B	06/15/10	46
Dibromomethane	BDL	0.046	mg/kg	8260B	06/15/10	46
1,2-Dichlorobenzene	BDL	0.046	mg/kg	8260B	06/15/10	46
1,3-Dichlorobenzene	BDL	0.046	mg/kg	8260B	06/15/10	46
1,4-Dichlorobenzene	BDL	0.046	mg/kg	8260B	06/15/10	46
Dichlorodifluoromethane	BDL	0.23	mg/kg	8260B	06/15/10	46
1,1-Dichloroethane	BDL	0.046	mg/kg	8260B	06/15/10	46
1,2-Dichloroethane	BDL	0.046	mg/kg	8260B	06/15/10	46
1,1-Dichloroethene	BDL	0.046	mg/kg	8260B	06/15/10	46
cis-1,2-Dichloroethene	BDL	0.046	mg/kg	8260B	06/15/10	46
trans-1,2-Dichloroethene	BDL	0.046	mg/kg	8260B	06/15/10	46
1,2-Dichloropropane	BDL	0.046	mg/kg	8260B	06/15/10	46
1,1-Dichloropropene	BDL	0.046	mg/kg	8260B	06/15/10	46
1,3-Dichloropropane	BDL	0.046	mg/kg	8260B	06/15/10	46
cis-1,3-Dichloropropene	BDL	0.046	mg/kg	8260B	06/15/10	46
trans-1,3-Dichloropropene	BDL	0.046	mg/kg	8260B	06/15/10	46
2,2-Dichloropropane	BDL	0.046	mg/kg	8260B	06/15/10	46
Di-isopropyl ether	BDL	0.046	mg/kg	8260B	06/15/10	46
Ethylbenzene	BDL	0.046	mg/kg	8260B	06/15/10	46
Hexachloro-1,3-Butadiene	BDL	0.046	mg/kg	8260B	06/15/10	46
Isopropylbenzene	BDL	0.046	mg/kg	8260B	06/15/10	46
p-Isopropyltoluene	BDL	0.046	mg/kg	8260B	06/15/10	46
2-Butanone (MEK)	BDL	0.46	mg/kg	8260B	06/15/10	46
Methylene Chloride	BDL	0.23	mg/kg	8260B	06/15/10	46

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)



L·A·B S·C·I·E·N·C·E·S

YOUR LAB OF CHOICE

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

June 21, 2010

Kathryn Peacock
Ninvo & Moore
3001 South 35th St., Suite 6
Phoenix, AZ 85034

Date Received : June 05, 2010
Description : 602972002

ESC Sample # : L462793-10

Sample ID : B-1-2
Collected By : David Boyer
Collection Date : 06/03/10 14:10

Site ID :
Project # : 602972002

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
4-Methyl-2-pentanone (MIBK)	BDL	0.46	mg/kg	8260B	06/15/10	46
Methyl tert-butyl ether	BDL	0.046	mg/kg	8260B	06/15/10	46
Naphthalene	BDL	0.23	mg/kg	8260B	06/15/10	46
n-Propylbenzene	BDL	0.046	mg/kg	8260B	06/15/10	46
Styrene	BDL	0.046	mg/kg	8260B	06/15/10	46
1,1,1,2-Tetrachloroethane	BDL	0.046	mg/kg	8260B	06/15/10	46
1,1,2,2-Tetrachloroethane	BDL	0.046	mg/kg	8260B	06/15/10	46
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.046	mg/kg	8260B	06/15/10	46
Tetrachloroethene	BDL	0.046	mg/kg	8260B	06/15/10	46
Toluene	BDL	0.23	mg/kg	8260B	06/15/10	46
1,2,3-Trichlorobenzene	BDL	0.046	mg/kg	8260B	06/15/10	46
1,2,4-Trichlorobenzene	BDL	0.046	mg/kg	8260B	06/15/10	46
1,1,1-Trichloroethane	BDL	0.046	mg/kg	8260B	06/15/10	46
1,1,2-Trichloroethane	BDL	0.046	mg/kg	8260B	06/15/10	46
Trichloroethene	BDL	0.046	mg/kg	8260B	06/15/10	46
Trichlorofluoromethane	BDL	0.23	mg/kg	8260B	06/15/10	46
1,2,3-Trichloropropane	BDL	0.046	mg/kg	8260B	06/15/10	46
1,2,4-Trimethylbenzene	BDL	0.046	mg/kg	8260B	06/15/10	46
1,2,3-Trimethylbenzene	BDL	0.046	mg/kg	8260B	06/15/10	46
1,3,5-Trimethylbenzene	BDL	0.046	mg/kg	8260B	06/15/10	46
Vinyl chloride	BDL	0.046	mg/kg	8260B	06/15/10	46
Xylenes, Total	BDL	0.14	mg/kg	8260B	06/15/10	46
Surrogate Recovery						
Toluene-d8	90.3		% Rec.	8260B	06/15/10	46
Dibromofluoromethane	77.2		% Rec.	8260B	06/15/10	46
4-Bromofluorobenzene	92.9		% Rec.	8260B	06/15/10	46
Polynuclear Aromatic Hydrocarbons						
Anthracene	BDL	0.020	mg/kg	8310	06/10/10	1
Acenaphthene	BDL	0.020	mg/kg	8310	06/10/10	1
Acenaphthylene	BDL	0.020	mg/kg	8310	06/10/10	1
Benzo(a)anthracene	BDL	0.020	mg/kg	8310	06/10/10	1
Benzo(a)pyrene	BDL	0.020	mg/kg	8310	06/10/10	1
Benzo(b)fluoranthene	BDL	0.020	mg/kg	8310	06/10/10	1
Benzo(g,h,i)perylene	BDL	0.020	mg/kg	8310	06/10/10	1
Benzo(k)fluoranthene	BDL	0.020	mg/kg	8310	06/10/10	1
Chrysene	BDL	0.020	mg/kg	8310	06/10/10	1
Dibenz(a,h)anthracene	BDL	0.020	mg/kg	8310	06/10/10	1
Fluoranthene	BDL	0.020	mg/kg	8310	06/10/10	1
Fluorene	BDL	0.020	mg/kg	8310	06/10/10	1
Indeno(1,2,3-cd)pyrene	BDL	0.020	mg/kg	8310	06/10/10	1
Naphthalene	BDL	0.020	mg/kg	8310	06/10/10	1
Phenanthrene	BDL	0.020	mg/kg	8310	06/10/10	1
Pyrene	BDL	0.020	mg/kg	8310	06/10/10	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)



12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

June 21, 2010

Kathryn Peacock
Ninvo & Moore
3001 South 35th St., Suite 6
Phoenix, AZ 85034

Date Received : June 05, 2010
Description : 602972002
Sample ID : B-1-2
Collected By : David Boyer
Collection Date : 06/03/10 14:10

ESC Sample # : L462793-10

Site ID :

Project # : 602972002

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Surrogate p-Terphenyl-d14	73.9		% Rec.	8310	06/10/10	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

Note:

The reported analytical results relate only to the sample submitted.
This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 06/21/10 09:44 Printed: 06/21/10 09:45



L·A·B S·C·I·E·N·C·E·S

YOUR LAB OF CHOICE

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Kathryn Peacock
Ninvo & Moore
3001 South 35th St., Suite 6
Phoenix, AZ 85034

June 21, 2010

Date Received : June 05, 2010
Description : 602972002

ESC Sample # : L462793-11

Sample ID : B-1-4

Site ID :

Collected By : David Boyer
Collection Date : 06/03/10 14:20

Project # : 602972002

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Acetone	BDL	2.4	mg/kg	8260B	06/15/10	48
Acrylonitrile	BDL	0.48	mg/kg	8260B	06/15/10	48
Benzene	BDL	0.048	mg/kg	8260B	06/15/10	48
Bromobenzene	BDL	0.048	mg/kg	8260B	06/15/10	48
Bromodichloromethane	BDL	0.048	mg/kg	8260B	06/15/10	48
Bromoform	BDL	0.048	mg/kg	8260B	06/15/10	48
Bromomethane	BDL	0.24	mg/kg	8260B	06/15/10	48
n-Butylbenzene	BDL	0.048	mg/kg	8260B	06/15/10	48
sec-Butylbenzene	BDL	0.048	mg/kg	8260B	06/15/10	48
tert-Butylbenzene	BDL	0.048	mg/kg	8260B	06/15/10	48
Carbon tetrachloride	BDL	0.048	mg/kg	8260B	06/15/10	48
Chlorobenzene	BDL	0.048	mg/kg	8260B	06/15/10	48
Chlorodibromomethane	BDL	0.048	mg/kg	8260B	06/15/10	48
Chloroethane	BDL	0.24	mg/kg	8260B	06/15/10	48
Chloroform	BDL	0.24	mg/kg	8260B	06/15/10	48
Chloromethane	BDL	0.048	mg/kg	8260B	06/15/10	48
2-Chlorotoluene	BDL	0.048	mg/kg	8260B	06/15/10	48
4-Chlorotoluene	BDL	0.048	mg/kg	8260B	06/15/10	48
1,2-Dibromo-3-Chloropropane	BDL	0.24	mg/kg	8260B	06/15/10	48
1,2-Dibromoethane	BDL	0.048	mg/kg	8260B	06/15/10	48
Dibromomethane	BDL	0.048	mg/kg	8260B	06/15/10	48
1,2-Dichlorobenzene	BDL	0.048	mg/kg	8260B	06/15/10	48
1,3-Dichlorobenzene	BDL	0.048	mg/kg	8260B	06/15/10	48
1,4-Dichlorobenzene	BDL	0.048	mg/kg	8260B	06/15/10	48
Dichlorodifluoromethane	BDL	0.24	mg/kg	8260B	06/15/10	48
1,1-Dichloroethane	BDL	0.048	mg/kg	8260B	06/15/10	48
1,2-Dichloroethane	BDL	0.048	mg/kg	8260B	06/15/10	48
1,1-Dichloroethene	BDL	0.048	mg/kg	8260B	06/15/10	48
cis-1,2-Dichloroethene	BDL	0.048	mg/kg	8260B	06/15/10	48
trans-1,2-Dichloroethene	BDL	0.048	mg/kg	8260B	06/15/10	48
1,2-Dichloropropene	BDL	0.048	mg/kg	8260B	06/15/10	48
1,1-Dichloropropene	BDL	0.048	mg/kg	8260B	06/15/10	48
1,3-Dichloropropane	BDL	0.048	mg/kg	8260B	06/15/10	48
cis-1,3-Dichloropropene	BDL	0.048	mg/kg	8260B	06/15/10	48
trans-1,3-Dichloropropene	BDL	0.048	mg/kg	8260B	06/15/10	48
2,2-Dichloropropane	BDL	0.048	mg/kg	8260B	06/15/10	48
Di-isopropyl ether	BDL	0.048	mg/kg	8260B	06/15/10	48
Ethylbenzene	BDL	0.048	mg/kg	8260B	06/15/10	48
Hexachloro-1,3-Butadiene	BDL	0.048	mg/kg	8260B	06/15/10	48
Isopropylbenzene	BDL	0.048	mg/kg	8260B	06/15/10	48
p-Isopropyltoluene	BDL	0.048	mg/kg	8260B	06/15/10	48
2-Butanone (MEK)	BDL	0.48	mg/kg	8260B	06/15/10	48
Methylene Chloride	BDL	0.24	mg/kg	8260B	06/15/10	48

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)



12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

June 21, 2010

Kathryn Peacock
Ninvo & Moore
3001 South 35th St., Suite 6
Phoenix, AZ 85034

Date Received : June 05, 2010
Description : 602972002

ESC Sample # : L462793-11

Sample ID : B-1-4

Site ID :

Collected By : David Boyer
Collection Date : 06/03/10 14:20

Project # : 602972002

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
4-Methyl-2-pentanone (MIBK)	BDL	0.48	mg/kg	8260B	06/15/10	48
Methyl tert-butyl ether	BDL	0.048	mg/kg	8260B	06/15/10	48
Naphthalene	BDL	0.24	mg/kg	8260B	06/15/10	48
n-Propylbenzene	BDL	0.048	mg/kg	8260B	06/15/10	48
Styrene	BDL	0.048	mg/kg	8260B	06/15/10	48
1,1,1,2-Tetrachloroethane	BDL	0.048	mg/kg	8260B	06/15/10	48
1,1,2,2-Tetrachloroethane	BDL	0.048	mg/kg	8260B	06/15/10	48
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.048	mg/kg	8260B	06/15/10	48
Tetrachloroethene	BDL	0.048	mg/kg	8260B	06/15/10	48
Toluene	BDL	0.24	mg/kg	8260B	06/15/10	48
1,2,3-Trichlorobenzene	BDL	0.048	mg/kg	8260B	06/15/10	48
1,2,4-Trichlorobenzene	BDL	0.048	mg/kg	8260B	06/15/10	48
1,1,1-Trichloroethane	BDL	0.048	mg/kg	8260B	06/15/10	48
1,1,2-Trichloroethane	BDL	0.048	mg/kg	8260B	06/15/10	48
Trichloroethene	BDL	0.048	mg/kg	8260B	06/15/10	48
Trichlorofluoromethane	BDL	0.24	mg/kg	8260B	06/15/10	48
1,2,3-Trichloropropane	BDL	0.048	mg/kg	8260B	06/15/10	48
1,2,4-Trimethylbenzene	BDL	0.048	mg/kg	8260B	06/15/10	48
1,2,3-Trimethylbenzene	BDL	0.048	mg/kg	8260B	06/15/10	48
1,3,5-Trimethylbenzene	BDL	0.048	mg/kg	8260B	06/15/10	48
Vinyl chloride	BDL	0.048	mg/kg	8260B	06/15/10	48
Xylenes, Total	BDL	0.14	mg/kg	8260B	06/15/10	48
Surrogate Recovery						
Toluene-d8	92.9		% Rec.	8260B	06/15/10	48
Dibromofluoromethane	76.9		% Rec.	8260B	06/15/10	48
4-Bromofluorobenzene	92.8		% Rec.	8260B	06/15/10	48
Polynuclear Aromatic Hydrocarbons						
Anthracene	BDL	0.020	mg/kg	8310	06/10/10	1
Acenaphthene	BDL	0.020	mg/kg	8310	06/10/10	1
Acenaphthylene	BDL	0.020	mg/kg	8310	06/10/10	1
Benzo(a)anthracene	BDL	0.020	mg/kg	8310	06/10/10	1
Benzo(a)pyrene	BDL	0.020	mg/kg	8310	06/10/10	1
Benzo(b)fluoranthene	BDL	0.020	mg/kg	8310	06/10/10	1
Benzo(g,h,i)perylene	BDL	0.020	mg/kg	8310	06/10/10	1
Benzo(k)fluoranthene	BDL	0.020	mg/kg	8310	06/10/10	1
Chrysene	BDL	0.020	mg/kg	8310	06/10/10	1
Dibenz(a,h)anthracene	BDL	0.020	mg/kg	8310	06/10/10	1
Fluoranthene	BDL	0.020	mg/kg	8310	06/10/10	1
Fluorene	BDL	0.020	mg/kg	8310	06/10/10	1
Indeno(1,2,3-cd)pyrene	BDL	0.020	mg/kg	8310	06/10/10	1
Naphthalene	BDL	0.020	mg/kg	8310	06/10/10	1
Phenanthrene	BDL	0.020	mg/kg	8310	06/10/10	1
Pyrene	BDL	0.020	mg/kg	8310	06/10/10	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)



12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

June 21, 2010

Kathryn Peacock
Ninno & Moore
3001 South 35th St., Suite 6
Phoenix, AZ 85034

Date Received : June 05, 2010
Description : 602972002

ESC Sample # : L462793-11

Sample ID : B-1-4

Site ID :

Collected By : David Boyer
Collection Date : 06/03/10 14:20

Project # : 602972002

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Surrogate p-Terphenyl-d14	69.8		% Rec.	8310	06/10/10	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit (PQL)

Note:

The reported analytical results relate only to the sample submitted.
This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 06/21/10 09:44 Printed: 06/21/10 09:45



L.A.B S.C.I.E.N.C.E.S

YOUR LAB OF CHOICE

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Kathryn Peacock
Ninyo & Moore
3001 South 35th St., Suite 6
Phoenix, AZ 85034

June 21, 2010

Date Received : June 05, 2010
Description : 602972002
Sample ID : B-1-6
Collected By : David Boyer
Collection Date : 06/03/10 14:25

ESC Sample # : L462793-12

Site ID :

Project # : 602972002

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Acetone	BDL	2.3	mg/kg	8260B	06/15/10	46
Acrylonitrile	BDL	0.46	mg/kg	8260B	06/15/10	46
Benzene	BDL	0.046	mg/kg	8260B	06/15/10	46
Bromobenzene	BDL	0.046	mg/kg	8260B	06/15/10	46
Bromodichloromethane	BDL	0.046	mg/kg	8260B	06/15/10	46
Bromoform	BDL	0.046	mg/kg	8260B	06/15/10	46
Bromomethane	BDL	0.23	mg/kg	8260B	06/15/10	46
n-Butylbenzene	BDL	0.046	mg/kg	8260B	06/15/10	46
sec-Butylbenzene	BDL	0.046	mg/kg	8260B	06/15/10	46
tert-Butylbenzene	BDL	0.046	mg/kg	8260B	06/15/10	46
Carbon tetrachloride	BDL	0.046	mg/kg	8260B	06/15/10	46
Chlorobenzene	BDL	0.046	mg/kg	8260B	06/15/10	46
Chlorodibromomethane	BDL	0.046	mg/kg	8260B	06/15/10	46
Chloroethane	BDL	0.23	mg/kg	8260B	06/15/10	46
Chloroform	BDL	0.23	mg/kg	8260B	06/15/10	46
Chloromethane	BDL	0.046	mg/kg	8260B	06/15/10	46
2-Chlorotoluene	BDL	0.046	mg/kg	8260B	06/15/10	46
4-Chlorotoluene	BDL	0.046	mg/kg	8260B	06/15/10	46
1,2-Dibromo-3-Chloropropane	BDL	0.23	mg/kg	8260B	06/15/10	46
1,2-Dibromoethane	BDL	0.046	mg/kg	8260B	06/15/10	46
Dibromomethane	BDL	0.046	mg/kg	8260B	06/15/10	46
1,2-Dichlorobenzene	BDL	0.046	mg/kg	8260B	06/15/10	46
1,3-Dichlorobenzene	BDL	0.046	mg/kg	8260B	06/15/10	46
1,4-Dichlorobenzene	BDL	0.046	mg/kg	8260B	06/15/10	46
Dichlorodifluoromethane	BDL	0.23	mg/kg	8260B	06/15/10	46
1,1-Dichloroethane	BDL	0.046	mg/kg	8260B	06/15/10	46
1,2-Dichloroethane	BDL	0.046	mg/kg	8260B	06/15/10	46
1,1-Dichloroethene	BDL	0.046	mg/kg	8260B	06/15/10	46
cis-1,2-Dichloroethene	BDL	0.046	mg/kg	8260B	06/15/10	46
trans-1,2-Dichloroethene	BDL	0.046	mg/kg	8260B	06/15/10	46
1,2-Dichloropropane	BDL	0.046	mg/kg	8260B	06/15/10	46
1,1-Dichloropropene	BDL	0.046	mg/kg	8260B	06/15/10	46
1,3-Dichloropropane	BDL	0.046	mg/kg	8260B	06/15/10	46
cis-1,3-Dichloropropene	BDL	0.046	mg/kg	8260B	06/15/10	46
trans-1,3-Dichloropropene	BDL	0.046	mg/kg	8260B	06/15/10	46
2,2-Dichloropropane	BDL	0.046	mg/kg	8260B	06/15/10	46
Di-isopropyl ether	BDL	0.046	mg/kg	8260B	06/15/10	46
Ethylbenzene	BDL	0.046	mg/kg	8260B	06/15/10	46
Hexachloro-1,3-Butadiene	BDL	0.046	mg/kg	8260B	06/15/10	46
Isopropylbenzene	BDL	0.046	mg/kg	8260B	06/15/10	46
p-Isopropyltoluene	BDL	0.046	mg/kg	8260B	06/15/10	46
2-Butanone (MEK)	BDL	0.46	mg/kg	8260B	06/15/10	46
Methylene Chloride	BDL	0.23	mg/kg	8260B	06/15/10	46

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)



YOUR LAB OF CHOICE

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Kathryn Peacock
Ninno & Moore
3001 South 35th St., Suite 6
Phoenix, AZ 85034

June 21, 2010

Date Received : June 05, 2010
Description : 602972002
Sample ID : B-1-6
Collected By : David Boyer
Collection Date : 06/03/10 14:25

ESC Sample # : L462793-12

Site ID :

Project # : 602972002

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
4-Methyl-2-pentanone (MIBK)	BDL	0.46	mg/kg	8260B	06/15/10	46
Methyl tert-butyl ether	BDL	0.046	mg/kg	8260B	06/15/10	46
Naphthalene	BDL	0.23	mg/kg	8260B	06/15/10	46
n-Propylbenzene	BDL	0.046	mg/kg	8260B	06/15/10	46
Styrene	BDL	0.046	mg/kg	8260B	06/15/10	46
1,1,1,2-Tetrachloroethane	BDL	0.046	mg/kg	8260B	06/15/10	46
1,1,2,2-Tetrachloroethane	BDL	0.046	mg/kg	8260B	06/15/10	46
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.046	mg/kg	8260B	06/15/10	46
Tetrachloroethene	BDL	0.046	mg/kg	8260B	06/15/10	46
Toluene	BDL	0.23	mg/kg	8260B	06/15/10	46
1,2,3-Trichlorobenzene	BDL	0.046	mg/kg	8260B	06/15/10	46
1,2,4-Trichlorobenzene	BDL	0.046	mg/kg	8260B	06/15/10	46
1,1,1-Trichloroethane	BDL	0.046	mg/kg	8260B	06/15/10	46
1,1,2-Trichloroethane	BDL	0.046	mg/kg	8260B	06/15/10	46
Trichloroethene	BDL	0.046	mg/kg	8260B	06/15/10	46
Trichlorofluoromethane	BDL	0.23	mg/kg	8260B	06/15/10	46
1,2,3-Trichloropropane	BDL	0.046	mg/kg	8260B	06/15/10	46
1,2,4-Trimethylbenzene	BDL	0.046	mg/kg	8260B	06/15/10	46
1,2,3-Trimethylbenzene	BDL	0.046	mg/kg	8260B	06/15/10	46
1,3,5-Trimethylbenzene	BDL	0.046	mg/kg	8260B	06/15/10	46
Vinyl chloride	BDL	0.046	mg/kg	8260B	06/15/10	46
Xylenes, Total	BDL	0.14	mg/kg	8260B	06/15/10	46
Surrogate Recovery						
Toluene-d8	87.9		% Rec.	8260B	06/15/10	46
Dibromofluoromethane	76.6		% Rec.	8260B	06/15/10	46
4-Bromofluorobenzene	92.2		% Rec.	8260B	06/15/10	46
Polynuclear Aromatic Hydrocarbons						
Anthracene	BDL	0.020	mg/kg	8310	06/10/10	1
Acenaphthene	BDL	0.020	mg/kg	8310	06/10/10	1
Acenaphthylene	BDL	0.020	mg/kg	8310	06/10/10	1
Benzo(a)anthracene	BDL	0.020	mg/kg	8310	06/10/10	1
Benzo(a)pyrene	BDL	0.020	mg/kg	8310	06/10/10	1
Benzo(b)fluoranthene	BDL	0.020	mg/kg	8310	06/10/10	1
Benzo(g,h,i)perylene	BDL	0.020	mg/kg	8310	06/10/10	1
Benzo(k)fluoranthene	BDL	0.020	mg/kg	8310	06/10/10	1
Chrysene	BDL	0.020	mg/kg	8310	06/10/10	1
Dibenz(a,h)anthracene	BDL	0.020	mg/kg	8310	06/10/10	1
Fluoranthene	BDL	0.020	mg/kg	8310	06/10/10	1
Fluorene	BDL	0.020	mg/kg	8310	06/10/10	1
Indeno(1,2,3-cd)pyrene	BDL	0.020	mg/kg	8310	06/10/10	1
Naphthalene	BDL	0.020	mg/kg	8310	06/10/10	1
Phenanthrene	BDL	0.020	mg/kg	8310	06/10/10	1
Pyrene	BDL	0.020	mg/kg	8310	06/10/10	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit(PQL)



YOUR LAB OF CHOICE

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Kathryn Peacock
Ninno & Moore
3001 South 35th St., Suite 6
Phoenix, AZ 85034

June 21, 2010

Date Received : June 05, 2010
Description : 602972002

ESC Sample # : L462793-12

Sample ID : B-1-6

Site ID :

Collected By : David Boyer
Collection Date : 06/03/10 14:25

Project # : 602972002

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Surrogate p-Terphenyl-d14	92.0		% Rec.	8310	06/10/10	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit (PQL)

Note:

The reported analytical results relate only to the sample submitted.
This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 06/21/10 09:44 Printed: 06/21/10 09:45



YOUR LAB OF CHOICE

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Kathryn Peacock
Ninny & Moore
3001 South 35th St., Suite 6
Phoenix, AZ 85034

June 21, 2010

Date Received : June 05, 2010
Description : 602972002
Sample ID : B-4-2
Collected By : David Boyer
Collection Date : 06/03/10 15:20

ESC Sample # : L462793-13

Site ID :

Project # : 602972002

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Acetone	BDL	2.2	mg/kg	8260B	06/15/10	45
Acrylonitrile	BDL	0.45	mg/kg	8260B	06/15/10	45
Benzene	BDL	0.045	mg/kg	8260B	06/15/10	45
Bromobenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
Bromodichloromethane	BDL	0.045	mg/kg	8260B	06/15/10	45
Bromoform	BDL	0.045	mg/kg	8260B	06/15/10	45
Bromomethane	BDL	0.22	mg/kg	8260B	06/15/10	45
n-Butylbenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
sec-Butylbenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
tert-Butylbenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
Carbon tetrachloride	BDL	0.045	mg/kg	8260B	06/15/10	45
Chlorobenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
Chlorodibromomethane	BDL	0.045	mg/kg	8260B	06/15/10	45
Chloroethane	BDL	0.22	mg/kg	8260B	06/15/10	45
Chloroform	BDL	0.22	mg/kg	8260B	06/15/10	45
Chloromethane	BDL	0.045	mg/kg	8260B	06/15/10	45
2-Chlorotoluene	BDL	0.045	mg/kg	8260B	06/15/10	45
4-Chlorotoluene	BDL	0.045	mg/kg	8260B	06/15/10	45
1,2-Dibromo-3-Chloropropane	BDL	0.22	mg/kg	8260B	06/15/10	45
1,2-Dibromoethane	BDL	0.045	mg/kg	8260B	06/15/10	45
Dibromomethane	BDL	0.045	mg/kg	8260B	06/15/10	45
1,2-Dichlorobenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
1,3-Dichlorobenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
1,4-Dichlorobenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
Dichlorodifluoromethane	BDL	0.22	mg/kg	8260B	06/15/10	45
1,1-Dichloroethane	BDL	0.045	mg/kg	8260B	06/15/10	45
1,2-Dichloroethane	BDL	0.045	mg/kg	8260B	06/15/10	45
1,1-Dichloroethene	BDL	0.045	mg/kg	8260B	06/15/10	45
cis-1,2-Dichloroethene	BDL	0.045	mg/kg	8260B	06/15/10	45
trans-1,2-Dichloroethene	BDL	0.045	mg/kg	8260B	06/15/10	45
1,2-Dichloropropane	BDL	0.045	mg/kg	8260B	06/15/10	45
1,1-Dichloropropene	BDL	0.045	mg/kg	8260B	06/15/10	45
1,3-Dichloropropane	BDL	0.045	mg/kg	8260B	06/15/10	45
cis-1,3-Dichloropropene	BDL	0.045	mg/kg	8260B	06/15/10	45
trans-1,3-Dichloropropene	BDL	0.045	mg/kg	8260B	06/15/10	45
2,2-Dichloropropane	BDL	0.045	mg/kg	8260B	06/15/10	45
Di-isopropyl ether	BDL	0.045	mg/kg	8260B	06/15/10	45
Ethylbenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
Hexachloro-1,3-Butadiene	BDL	0.045	mg/kg	8260B	06/15/10	45
Isopropylbenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
p-Isopropyltoluene	BDL	0.045	mg/kg	8260B	06/15/10	45
2-Butanone (MEK)	BDL	0.45	mg/kg	8260B	06/15/10	45
Methylene Chloride	BDL	0.22	mg/kg	8260B	06/15/10	45

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)



YOUR LAB OF CHOICE

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Kathryn Peacock
Ninno & Moore
3001 South 35th St., Suite 6
Phoenix, AZ 85034

June 21, 2010

Date Received : June 05, 2010
Description : 602972002
Sample ID : B-4-2
Collected By : David Boyer
Collection Date : 06/03/10 15:20

ESC Sample # : L462793-13

Site ID :
Project # : 602972002

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
4-Methyl-2-pentanone (MIBK)	BDL	0.45	mg/kg	8260B	06/15/10	45
Methyl tert-butyl ether	BDL	0.045	mg/kg	8260B	06/15/10	45
Naphthalene	BDL	0.22	mg/kg	8260B	06/15/10	45
n-Propylbenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
Styrene	BDL	0.045	mg/kg	8260B	06/15/10	45
1,1,1,2-Tetrachloroethane	BDL	0.045	mg/kg	8260B	06/15/10	45
1,1,2,2-Tetrachloroethane	BDL	0.045	mg/kg	8260B	06/15/10	45
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.045	mg/kg	8260B	06/15/10	45
Tetrachloroethene	BDL	0.045	mg/kg	8260B	06/15/10	45
Toluene	BDL	0.22	mg/kg	8260B	06/15/10	45
1,2,3-Trichlorobenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
1,2,4-Trichlorobenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
1,1,1-Trichloroethane	BDL	0.045	mg/kg	8260B	06/15/10	45
1,1,2-Trichloroethane	BDL	0.045	mg/kg	8260B	06/15/10	45
Trichloroethene	BDL	0.045	mg/kg	8260B	06/15/10	45
Trichlorofluoromethane	BDL	0.22	mg/kg	8260B	06/15/10	45
1,2,3-Trichloropropene	BDL	0.045	mg/kg	8260B	06/15/10	45
1,2,4-Trimethylbenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
1,2,3-Trimethylbenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
1,3,5-Trimethylbenzene	BDL	0.045	mg/kg	8260B	06/15/10	45
Vinyl chloride	BDL	0.045	mg/kg	8260B	06/15/10	45
Xylenes, Total	BDL	0.14	mg/kg	8260B	06/15/10	45
Surrogate Recovery						
Toluene-d8	87.6		% Rec.	8260B	06/15/10	45
Dibromofluoromethane	76.5		% Rec.	8260B	06/15/10	45
4-Bromofluorobenzene	95.3		% Rec.	8260B	06/15/10	45
Polynuclear Aromatic Hydrocarbons						
Anthracene	BDL	0.020	mg/kg	8310	06/10/10	1
Acenaphthene	BDL	0.020	mg/kg	8310	06/10/10	1
Acenaphthylene	BDL	0.020	mg/kg	8310	06/10/10	1
Benzo(a)anthracene	BDL	0.020	mg/kg	8310	06/10/10	1
Benzo(a)pyrene	BDL	0.020	mg/kg	8310	06/10/10	1
Benzo(b)fluoranthene	BDL	0.020	mg/kg	8310	06/10/10	1
Benzo(g,h,i)perylene	BDL	0.020	mg/kg	8310	06/10/10	1
Benzo(k)fluoranthene	BDL	0.020	mg/kg	8310	06/10/10	1
Chrysene	BDL	0.020	mg/kg	8310	06/10/10	1
Dibenzo(a,h)anthracene	BDL	0.020	mg/kg	8310	06/10/10	1
Fluoranthene	BDL	0.020	mg/kg	8310	06/10/10	1
Fluorene	BDL	0.020	mg/kg	8310	06/10/10	1
Indeno(1,2,3-cd)pyrene	BDL	0.020	mg/kg	8310	06/10/10	1
Naphthalene	BDL	0.020	mg/kg	8310	06/10/10	1
Phenanthrene	BDL	0.020	mg/kg	8310	06/10/10	1
Pyrene	BDL	0.020	mg/kg	8310	06/10/10	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)



YOUR LAB OF CHOICE

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Kathryn Peacock
Ninno & Moore
3001 South 35th St., Suite 6
Phoenix, AZ 85034

June 21, 2010

Date Received : June 05, 2010
Description : 602972002
Sample ID : B-4-2
Collected By : David Boyer
Collection Date : 06/03/10 15:20

ESC Sample # : L462793-13

Site ID :

Project # : 602972002

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Surrogate p-Terphenyl-d14	69.7		% Rec.	8310	06/10/10	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

Note:

The reported analytical results relate only to the sample submitted.
This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 06/21/10 09:44 Printed: 06/21/10 09:45



YOUR LAB OF CHOICE

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Kathryn Peacock
Ninno & Moore
3001 South 35th St., Suite 6
Phoenix, AZ 85034

June 21, 2010

Date Received : June 05, 2010
Description : 602972002
Sample ID : B-4-4
Collected By : David Boyer
Collection Date : 06/03/10 15:30

ESC Sample # : L462793-14

Site ID :

Project # : 602972002

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Acetone	BDL	1.9	mg/kg	8260B	06/15/10	37.5
Acrylonitrile	BDL	0.38	mg/kg	8260B	06/15/10	37.5
Benzene	BDL	0.038	mg/kg	8260B	06/15/10	37.5
Bromobenzene	BDL	0.038	mg/kg	8260B	06/15/10	37.5
Bromodichloromethane	BDL	0.038	mg/kg	8260B	06/15/10	37.5
Bromoform	BDL	0.038	mg/kg	8260B	06/15/10	37.5
Bromomethane	BDL	0.19	mg/kg	8260B	06/15/10	37.5
n-Butylbenzene	BDL	0.038	mg/kg	8260B	06/15/10	37.5
sec-Butylbenzene	BDL	0.038	mg/kg	8260B	06/15/10	37.5
tert-Butylbenzene	BDL	0.038	mg/kg	8260B	06/15/10	37.5
Carbon tetrachloride	BDL	0.038	mg/kg	8260B	06/15/10	37.5
Chlorobenzene	BDL	0.038	mg/kg	8260B	06/15/10	37.5
Chlorodibromomethane	BDL	0.038	mg/kg	8260B	06/15/10	37.5
Chloroethane	BDL	0.19	mg/kg	8260B	06/15/10	37.5
Chloroform	BDL	0.19	mg/kg	8260B	06/15/10	37.5
Chloromethane	BDL	0.038	mg/kg	8260B	06/15/10	37.5
2-Chlorotoluene	BDL	0.038	mg/kg	8260B	06/15/10	37.5
4-Chlorotoluene	BDL	0.038	mg/kg	8260B	06/15/10	37.5
1,2-Dibromo-3-Chloropropane	BDL	0.19	mg/kg	8260B	06/15/10	37.5
1,2-Dibromoethane	BDL	0.038	mg/kg	8260B	06/15/10	37.5
Dibromomethane	BDL	0.038	mg/kg	8260B	06/15/10	37.5
1,2-Dichlorobenzene	BDL	0.038	mg/kg	8260B	06/15/10	37.5
1,3-Dichlorobenzene	BDL	0.038	mg/kg	8260B	06/15/10	37.5
1,4-Dichlorobenzene	BDL	0.038	mg/kg	8260B	06/15/10	37.5
Dichlorodifluoromethane	BDL	0.19	mg/kg	8260B	06/15/10	37.5
1,1-Dichloroethane	BDL	0.038	mg/kg	8260B	06/15/10	37.5
1,2-Dichloroethane	BDL	0.038	mg/kg	8260B	06/15/10	37.5
1,1-Dichloroethene	BDL	0.038	mg/kg	8260B	06/15/10	37.5
cis-1,2-Dichloroethene	BDL	0.038	mg/kg	8260B	06/15/10	37.5
trans-1,2-Dichloroethene	BDL	0.038	mg/kg	8260B	06/15/10	37.5
1,2-Dichloropropane	BDL	0.038	mg/kg	8260B	06/15/10	37.5
1,1-Dichloropropene	BDL	0.038	mg/kg	8260B	06/15/10	37.5
1,3-Dichloropropene	BDL	0.038	mg/kg	8260B	06/15/10	37.5
cis-1,3-Dichloropropene	BDL	0.038	mg/kg	8260B	06/15/10	37.5
trans-1,3-Dichloropropene	BDL	0.038	mg/kg	8260B	06/15/10	37.5
2,2-Dichloropropane	BDL	0.038	mg/kg	8260B	06/15/10	37.5
Di-isopropyl ether	BDL	0.038	mg/kg	8260B	06/15/10	37.5
Ethylbenzene	BDL	0.038	mg/kg	8260B	06/15/10	37.5
Hexachloro-1,3-Butadiene	BDL	0.038	mg/kg	8260B	06/15/10	37.5
Isopropylbenzene	BDL	0.038	mg/kg	8260B	06/15/10	37.5
p-Isopropyltoluene	BDL	0.038	mg/kg	8260B	06/15/10	37.5
2-Butanone (MEK)	BDL	0.38	mg/kg	8260B	06/15/10	37.5
Methylene Chloride	BDL	0.19	mg/kg	8260B	06/15/10	37.5

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)



L.A.B S.C.I.E.N.C.E.S

YOUR LAB OF CHOICE

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Kathryn Peacock
Ninny & Moore
3001 South 35th St., Suite 6
Phoenix, AZ 85034

June 21, 2010

Date Received : June 05, 2010
Description : 602972002
Sample ID : B-4-4
Collected By : David Boyer
Collection Date : 06/03/10 15:30

ESC Sample # : L462793-14

Site ID :

Project # : 602972002

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
4-Methyl-2-pentanone (MIBK)	BDL	0.38	mg/kg	8260B	06/15/10	37.5
Methyl tert-butyl ether	BDL	0.038	mg/kg	8260B	06/15/10	37.5
Naphthalene	BDL	0.19	mg/kg	8260B	06/15/10	37.5
n-Propylbenzene	BDL	0.038	mg/kg	8260B	06/15/10	37.5
Styrene	BDL	0.038	mg/kg	8260B	06/15/10	37.5
1,1,1,2-Tetrachloroethane	BDL	0.038	mg/kg	8260B	06/15/10	37.5
1,1,2,2-Tetrachloroethane	BDL	0.038	mg/kg	8260B	06/15/10	37.5
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.038	mg/kg	8260B	06/15/10	37.5
Tetrachloroethene	BDL	0.038	mg/kg	8260B	06/15/10	37.5
Toluene	BDL	0.19	mg/kg	8260B	06/15/10	37.5
1,2,3-Trichlorobenzene	BDL	0.038	mg/kg	8260B	06/15/10	37.5
1,2,4-Trichlorobenzene	BDL	0.038	mg/kg	8260B	06/15/10	37.5
1,1,1-Trichloroethane	BDL	0.038	mg/kg	8260B	06/15/10	37.5
1,1,2-Trichloroethane	BDL	0.038	mg/kg	8260B	06/15/10	37.5
Trichloroethene	BDL	0.038	mg/kg	8260B	06/15/10	37.5
Trichlorofluoromethane	BDL	0.19	mg/kg	8260B	06/15/10	37.5
1,2,3-Trichloropropane	BDL	0.038	mg/kg	8260B	06/15/10	37.5
1,2,4-Trimethylbenzene	BDL	0.038	mg/kg	8260B	06/15/10	37.5
1,2,3-Trimethylbenzene	BDL	0.038	mg/kg	8260B	06/15/10	37.5
1,3,5-Trimethylbenzene	BDL	0.038	mg/kg	8260B	06/15/10	37.5
Vinyl chloride	BDL	0.038	mg/kg	8260B	06/15/10	37.5
Xylenes, Total	BDL	0.11	mg/kg	8260B	06/15/10	37.5
Surrogate Recovery						
Toluene-d8	88.3		% Rec.	8260B	06/15/10	37.5
Dibromofluoromethane	79.2		% Rec.	8260B	06/15/10	37.5
4-Bromofluorobenzene	91.1		% Rec.	8260B	06/15/10	37.5
Polynuclear Aromatic Hydrocarbons						
Anthracene	BDL	0.020	mg/kg	8310	06/10/10	1
Acenaphthene	BDL	0.020	mg/kg	8310	06/10/10	1
Acenaphthylene	BDL	0.020	mg/kg	8310	06/10/10	1
Benzo(a)anthracene	BDL	0.020	mg/kg	8310	06/10/10	1
Benzo(a)pyrene	BDL	0.020	mg/kg	8310	06/10/10	1
Benzo(b)fluoranthene	BDL	0.020	mg/kg	8310	06/10/10	1
Benzo(g,h,i)perylene	BDL	0.020	mg/kg	8310	06/10/10	1
Benzo(k)fluoranthene	BDL	0.020	mg/kg	8310	06/10/10	1
Chrysene	BDL	0.020	mg/kg	8310	06/10/10	1
Dibenz(a,h)anthracene	BDL	0.020	mg/kg	8310	06/10/10	1
Fluoranthene	BDL	0.020	mg/kg	8310	06/10/10	1
Fluorene	BDL	0.020	mg/kg	8310	06/10/10	1
Indeno(1,2,3-cd)pyrene	BDL	0.020	mg/kg	8310	06/10/10	1
Naphthalene	BDL	0.020	mg/kg	8310	06/10/10	1
Phenanthrene	BDL	0.020	mg/kg	8310	06/10/10	1
Pyrene	BDL	0.020	mg/kg	8310	06/10/10	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)



12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Kathryn Peacock
Ninyo & Moore
3001 South 35th St., Suite 6
Phoenix, AZ 85034

June 21, 2010

Date Received : June 05, 2010
Description : 602972002

ESC Sample # : L462793-14

Sample ID : B-4-4

Site ID :

Collected By : David Boyer
Collection Date : 06/03/10 15:30

Project # : 602972002

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Surrogate p-Terphenyl-d14	89.3		% Rec.	8310	06/10/10	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit (PQL)

Note:

The reported analytical results relate only to the sample submitted.
This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 06/21/10 09:44 Printed: 06/21/10 09:45



YOUR LAB OF CHOICE

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Kathryn Peacock
Ninnyo & Moore
3001 South 35th St., Suite 6
Phoenix, AZ 85034

June 21, 2010

Date Received : June 05, 2010
Description : 602972002
Sample ID : B-4-6
Collected By : David Boyer
Collection Date : 06/03/10 15:35

ESC Sample # : L462793-15

Site ID :

Project # : 602972002

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Acetone	BDL	2.0	mg/kg	8260B	06/15/10	39
Acrylonitrile	BDL	0.39	mg/kg	8260B	06/15/10	39
Benzene	BDL	0.039	mg/kg	8260B	06/15/10	39
Bromobenzene	BDL	0.039	mg/kg	8260B	06/15/10	39
Bromodichloromethane	BDL	0.039	mg/kg	8260B	06/15/10	39
Bromoform	BDL	0.039	mg/kg	8260B	06/15/10	39
Bromomethane	BDL	0.20	mg/kg	8260B	06/15/10	39
n-Butylbenzene	BDL	0.039	mg/kg	8260B	06/15/10	39
sec-Butylbenzene	BDL	0.039	mg/kg	8260B	06/15/10	39
tert-Butylbenzene	BDL	0.039	mg/kg	8260B	06/15/10	39
Carbon tetrachloride	BDL	0.039	mg/kg	8260B	06/15/10	39
Chlorobenzene	BDL	0.039	mg/kg	8260B	06/15/10	39
Chlorodibromomethane	BDL	0.039	mg/kg	8260B	06/15/10	39
Chloroethane	BDL	0.20	mg/kg	8260B	06/15/10	39
Chloroform	BDL	0.20	mg/kg	8260B	06/15/10	39
Chloromethane	BDL	0.039	mg/kg	8260B	06/15/10	39
2-Chlorotoluene	BDL	0.039	mg/kg	8260B	06/15/10	39
4-Chlorotoluene	BDL	0.039	mg/kg	8260B	06/15/10	39
1,2-Dibromo-3-Chloropropane	BDL	0.20	mg/kg	8260B	06/15/10	39
1,2-Dibromoethane	BDL	0.039	mg/kg	8260B	06/15/10	39
Dibromomethane	BDL	0.039	mg/kg	8260B	06/15/10	39
1,2-Dichlorobenzene	BDL	0.039	mg/kg	8260B	06/15/10	39
1,3-Dichlorobenzene	BDL	0.039	mg/kg	8260B	06/15/10	39
1,4-Dichlorobenzene	BDL	0.039	mg/kg	8260B	06/15/10	39
Dichlorodifluoromethane	BDL	0.20	mg/kg	8260B	06/15/10	39
1,1-Dichloroethane	BDL	0.039	mg/kg	8260B	06/15/10	39
1,2-Dichloroethane	BDL	0.039	mg/kg	8260B	06/15/10	39
1,1-Dichloroethene	BDL	0.039	mg/kg	8260B	06/15/10	39
cis-1,2-Dichloroethene	BDL	0.039	mg/kg	8260B	06/15/10	39
trans-1,2-Dichloroethene	BDL	0.039	mg/kg	8260B	06/15/10	39
1,2-Dichloropropane	BDL	0.039	mg/kg	8260B	06/15/10	39
1,1-Dichloropropene	BDL	0.039	mg/kg	8260B	06/15/10	39
1,3-Dichloropropane	BDL	0.039	mg/kg	8260B	06/15/10	39
cis-1,3-Dichloropropene	BDL	0.039	mg/kg	8260B	06/15/10	39
trans-1,3-Dichloropropene	BDL	0.039	mg/kg	8260B	06/15/10	39
2,2-Dichloropropane	BDL	0.039	mg/kg	8260B	06/15/10	39
Di-isopropyl ether	BDL	0.039	mg/kg	8260B	06/15/10	39
Ethylbenzene	BDL	0.039	mg/kg	8260B	06/15/10	39
Hexachloro-1,3-Butadiene	BDL	0.039	mg/kg	8260B	06/15/10	39
Isopropylbenzene	BDL	0.039	mg/kg	8260B	06/15/10	39
p-Isopropyltoluene	BDL	0.039	mg/kg	8260B	06/15/10	39
2-Butanone (MEK)	BDL	0.39	mg/kg	8260B	06/15/10	39
Methylene Chloride	BDL	0.20	mg/kg	8260B	06/15/10	39

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)



L·A·B S·C·I·E·N·C·E·S

YOUR LAB OF CHOICE

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Kathryn Peacock
Ninny & Moore
3001 South 35th St., Suite 6
Phoenix, AZ 85034

June 21, 2010

Date Received : June 05, 2010
Description : 602972002
Sample ID : B-4-6
Collected By : David Boyer
Collection Date : 06/03/10 15:35

ESC Sample # : L462793-15

Site ID :
Project # : 602972002

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
4-Methyl-2-pentanone (MIBK)	BDL	0.39	mg/kg	8260B	06/15/10	39
Methyl tert-butyl ether	BDL	0.039	mg/kg	8260B	06/15/10	39
Naphthalene	BDL	0.20	mg/kg	8260B	06/15/10	39
n-Propylbenzene	BDL	0.039	mg/kg	8260B	06/15/10	39
Styrene	BDL	0.039	mg/kg	8260B	06/15/10	39
1,1,1,2-Tetrachloroethane	BDL	0.039	mg/kg	8260B	06/15/10	39
1,1,2,2-Tetrachloroethane	BDL	0.039	mg/kg	8260B	06/15/10	39
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.039	mg/kg	8260B	06/15/10	39
Tetrachloroethene	BDL	0.039	mg/kg	8260B	06/15/10	39
Toluene	BDL	0.20	mg/kg	8260B	06/15/10	39
1,2,3-Trichlorobenzene	BDL	0.039	mg/kg	8260B	06/15/10	39
1,2,4-Trichlorobenzene	BDL	0.039	mg/kg	8260B	06/15/10	39
1,1,1-Trichloroethane	BDL	0.039	mg/kg	8260B	06/15/10	39
1,1,2-Trichloroethane	BDL	0.039	mg/kg	8260B	06/15/10	39
Trichloroethene	BDL	0.039	mg/kg	8260B	06/15/10	39
Trichlorofluoromethane	BDL	0.20	mg/kg	8260B	06/15/10	39
1,2,3-Trichloropropane	BDL	0.039	mg/kg	8260B	06/15/10	39
1,2,4-Trimethylbenzene	BDL	0.039	mg/kg	8260B	06/15/10	39
1,2,3-Trimethylbenzene	BDL	0.039	mg/kg	8260B	06/15/10	39
1,3,5-Trimethylbenzene	BDL	0.039	mg/kg	8260B	06/15/10	39
Vinyl chloride	BDL	0.039	mg/kg	8260B	06/15/10	39
Xylenes, Total	BDL	0.12	mg/kg	8260B	06/15/10	39
Surrogate Recovery						
Toluene-d8	90.7		% Rec.	8260B	06/15/10	39
Dibromofluoromethane	77.8		% Rec.	8260B	06/15/10	39
4-Bromofluorobenzene	97.9		% Rec.	8260B	06/15/10	39
Polynuclear Aromatic Hydrocarbons						
Anthracene	BDL	0.020	mg/kg	8310	06/10/10	1
Acenaphthene	BDL	0.020	mg/kg	8310	06/10/10	1
Acenaphthylene	BDL	0.020	mg/kg	8310	06/10/10	1
Benzo(a)anthracene	BDL	0.020	mg/kg	8310	06/10/10	1
Benzo(a)pyrene	BDL	0.020	mg/kg	8310	06/10/10	1
Benzo(b)fluoranthene	BDL	0.020	mg/kg	8310	06/10/10	1
Benzo(g,h,i)perylene	BDL	0.020	mg/kg	8310	06/10/10	1
Benzo(k)fluoranthene	BDL	0.020	mg/kg	8310	06/10/10	1
Chrysene	BDL	0.020	mg/kg	8310	06/10/10	1
Dibenz(a,h)anthracene	BDL	0.020	mg/kg	8310	06/10/10	1
Fluoranthene	BDL	0.020	mg/kg	8310	06/10/10	1
Fluorene	BDL	0.020	mg/kg	8310	06/10/10	1
Indeno(1,2,3-cd)pyrene	BDL	0.020	mg/kg	8310	06/10/10	1
Naphthalene	BDL	0.020	mg/kg	8310	06/10/10	1
Phenanthrene	BDL	0.020	mg/kg	8310	06/10/10	1
Pyrene	BDL	0.020	mg/kg	8310	06/10/10	1

BDL - Below Detection Limit

Det. Limit - Practical Quantitation Limit (PQL)



YOUR LAB OF CHOICE

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Kathryn Peacock
Ninyo & Moore
3001 South 35th St., Suite 6
Phoenix, AZ 85034

June 21, 2010

Date Received : June 05, 2010
Description : 602972002

ESC Sample # : L462793-15

Sample ID : B-4-6

Site ID :

Collected By : David Boyer
Collection Date : 06/03/10 15:35

Project # : 602972002

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Surrogate p-Terphenyl-d14	85.5		% Rec.	8310	06/10/10	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit (PQL)

Note:

The reported analytical results relate only to the sample submitted.
This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 06/21/10 09:44 Printed: 06/21/10 09:45

Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
L462793-01	WG483330	SAMP	cis-1,3-Dichloropropene	R1252050	J4
L462793-02	WG483330	SAMP	cis-1,3-Dichloropropene	R1252050	J4
L462793-03	WG483330	SAMP	cis-1,3-Dichloropropene	R1252050	J4
L462793-04	WG483330	SAMP	cis-1,3-Dichloropropene	R1252050	J4
L462793-05	WG483330	SAMP	cis-1,3-Dichloropropene	R1252050	J4
L462793-06	WG483330	SAMP	cis-1,3-Dichloropropene	R1252050	J4
L462793-07	WG483330	SAMP	cis-1,3-Dichloropropene	R1252050	J4
	WG483734	SAMP	Benzo(a)pyrene	R1253748	J6
	WG483734	SAMP	Benzo(b)fluoranthene	R1253748	J6
	WG483734	SAMP	Benzo(g,h,i)perylene	R1253748	J6
	WG483734	SAMP	Benzo(k)fluoranthene	R1253748	J6
	WG483734	SAMP	Dibenz(a,h)anthracene	R1253748	J6
	WG483734	SAMP	Indeno(1,2,3-cd)pyrene	R1253748	J6
L462793-08	WG483330	SAMP	cis-1,3-Dichloropropene	R1252050	J4
L462793-09	WG483330	SAMP	cis-1,3-Dichloropropene	R1252050	J4
L462793-10	WG483330	SAMP	cis-1,3-Dichloropropene	R1252050	J4
L462793-11	WG483330	SAMP	cis-1,3-Dichloropropene	R1252050	J4
L462793-12	WG483330	SAMP	cis-1,3-Dichloropropene	R1252050	J4
L462793-13	WG483330	SAMP	cis-1,3-Dichloropropene	R1252050	J4
L462793-14	WG483330	SAMP	cis-1,3-Dichloropropene	R1252050	J4
L462793-15	WG483330	SAMP	cis-1,3-Dichloropropene	R1252050	J4

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
J4	The associated batch QC was outside the established quality control range for accuracy.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods, it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable "unless qualified as 'R' (Rejected)."

Definitions

Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.

Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Difference.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromatography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

Summary of Remarks For Samples Printed
06/21/10 at 09:45:54

TSR Signing Reports: 288
RX - Priority Rush

Hold ALL for 6mo Smple ID's exactly as on CoC. Try to spike one of the samples from client.
VOC's=NaHSO4 PAH=SV8310 ALL Projects TO-15 gets GRO 602031007-11,13,14,15 qoute price

Sample: L462793-01 Account: NINYOPAZ Received: 06/05/10 09:00 Due Date: 06/21/10 00:00 RPT Date: 06/21/10 09:44
Sample: L462793-02 Account: NINYOPAZ Received: 06/05/10 09:00 Due Date: 06/21/10 00:00 RPT Date: 06/21/10 09:44
Sample: L462793-03 Account: NINYOPAZ Received: 06/05/10 09:00 Due Date: 06/21/10 00:00 RPT Date: 06/21/10 09:44
Sample: L462793-04 Account: NINYOPAZ Received: 06/05/10 09:00 Due Date: 06/21/10 00:00 RPT Date: 06/21/10 09:44
Sample: L462793-05 Account: NINYOPAZ Received: 06/05/10 09:00 Due Date: 06/21/10 00:00 RPT Date: 06/21/10 09:44
Sample: L462793-06 Account: NINYOPAZ Received: 06/05/10 09:00 Due Date: 06/21/10 00:00 RPT Date: 06/21/10 09:44
Sample: L462793-07 Account: NINYOPAZ Received: 06/05/10 09:00 Due Date: 06/21/10 00:00 RPT Date: 06/21/10 09:44
Sample: L462793-08 Account: NINYOPAZ Received: 06/05/10 09:00 Due Date: 06/21/10 00:00 RPT Date: 06/21/10 09:44
Sample: L462793-09 Account: NINYOPAZ Received: 06/05/10 09:00 Due Date: 06/21/10 00:00 RPT Date: 06/21/10 09:44
Sample: L462793-10 Account: NINYOPAZ Received: 06/05/10 09:00 Due Date: 06/21/10 00:00 RPT Date: 06/21/10 09:44
Sample: L462793-11 Account: NINYOPAZ Received: 06/05/10 09:00 Due Date: 06/21/10 00:00 RPT Date: 06/21/10 09:44
Sample: L462793-12 Account: NINYOPAZ Received: 06/05/10 09:00 Due Date: 06/21/10 00:00 RPT Date: 06/21/10 09:44
Sample: L462793-13 Account: NINYOPAZ Received: 06/05/10 09:00 Due Date: 06/21/10 00:00 RPT Date: 06/21/10 09:44
Sample: L462793-14 Account: NINYOPAZ Received: 06/05/10 09:00 Due Date: 06/21/10 00:00 RPT Date: 06/21/10 09:44
Sample: L462793-15 Account: NINYOPAZ Received: 06/05/10 09:00 Due Date: 06/21/10 00:00 RPT Date: 06/21/10 09:44

Ninyo/Moore
3001 S. 35th St., Suite 6
Phoenix, AZ 85034

Company Name/Address

D086

Chain of Custody
Page 1 of 1

Analysis/Container/Preservative		Alternate Billing						
Report to: <u>Kathryn Peacock</u>	E-mail to: <u>Kpeacock@ninyomoore.com</u>	Client Project No.: <u>602472002</u>	Lab Project #: <u>602472007</u>					
PHONE: 602-243-1600	FAX: 602-243-2699	Site/Facility ID#:	P.O.#					
Collected by: <u>John Boyle</u>	Collected by(signature): <u>/</u>	Rush? <input checked="" type="checkbox"/> (Lab MUST be Notified)	Date Results Needed					
Packed on Ice N <u>X</u>		<input type="checkbox"/> Same Day.....200%	No					
		<input type="checkbox"/> Next Day.....100%	Email? <input type="checkbox"/> No X Yes					
		<input type="checkbox"/> Two Day.....50%	FAX? <input type="checkbox"/> No Yes					
Sample ID	Comp/Grab	Matrix	Depth	Date	Time	Chrs	Remarks/contaminant	Sample # (lab only)
B-5-2	Grab	SS	2'	6/3/0	1:55	3		<u>1462773-01</u>
B-5-4			4'		1:05	3		<u>-02</u>
B-5-6			6'		1:25	3		<u>-03</u>
B-3-2			2'		1:45	3		<u>-04</u>
B-3-4			4'		1:00	3		<u>05</u>
B-3-6			6'		1:05	3		<u>-06</u>
B-2-2			2'		1:30	3		<u>-07</u>
B-2-4			4'		1:45	3		<u>-08</u>
B-2-6	Grab	SS	6'	6/3/0	1:55	3		<u>-09</u>
Matrix: SS-Soil/Solid GW-Groundwater W-Wastewater DW-Drinking Water OT- Other _____								
Remarks: _____								
Relinquisher by: <u>A. H.</u> Date: <u>6/4/0</u> Time: <u>13:25</u> Received by: <u>(Signature)</u>	Relinquisher by: <u>(Signature)</u> Date: <u></u> Time: <u></u> Received by: <u>(Signature)</u>	Samples returned via: FedEx UPS Other _____	Condition _____					
Relinquisher by: <u>(Signature)</u> Date: <u></u> Time: <u></u> Received for lab by: <u>(Signature)</u>	Temp: <u>34°C</u> Bottles Received: <u>45</u>	86951056 & 336	(lab use only) <u>OK</u>					
Relinquisher by: <u>(Signature)</u> Date: <u>6/5/0</u> Time: <u>09:00</u>	Date: <u></u> Time: <u></u>	pH Checked: <u></u>	NCI: <u></u>					

Flow _____	Other _____	pH _____	Temp _____
Samples returned via: FedEx UPS Other _____	Condition _____	(lab use only) <u>OK</u>	
Temp: <u>34°C</u>	Bottles Received: <u>45</u>	Date: <u>6/5/0</u>	Time: <u>09:00</u>
Relinquisher by: <u>(Signature)</u>	Received by: <u>(Signature)</u>	Relinquisher by: <u>(Signature)</u>	Received by: <u>(Signature)</u>

Analysis/Container/Preservative

Company Name/Address Ninvo/Moore 3001 S. 35th St., Suite 6 Phoenix, AZ 85034		Alternate Billing						
Report to: Kathryn Bulk E-mail to: Kpennick@nmoore.com Project Description: 602172002 PHONE: 602-243-1600 FAX: 602-243-2699		City/State Collected: Scottsdale, AZ Lab Project #: 602172002 Client Project No.: 602172002 Site/Facility ID#: P.O.# Packed on Ice N Y						
Collected by (signature): 		Rush? <input checked="" type="checkbox"/> (Lab MUST be Notified) Same Day 200% Next Day 100% Two Day 50%						
Collected by (signature): 		Date Results Needed Email? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes FAX? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes	No					
Sample ID	Comp/Grab	Matrix	Depth	Date	Time	Comments	Remarks/contaminant	Sample # (lab only)
B-1-2	Grab	SS	2'	6/3/10	14:10	-3		L462795-10
B-1-4	Grab	SS	4'	6/3/10	14:20	-3		-11
B-1-6	Grab	SS	6'	6/3/10	14:25	-3		-13
B-1-7	Grab	SS	8'	6/3/10	15:20	-3		-13
B-4-4	Grab	SS	4'	6/3/10	15:30	-3		-14
B-1-6	Grab	SS	6'	6/3/10	15:35	-3		-15
								6/5/10

Matrix: SS-Soil/Solid GW-Groundwater WW-Wastewater DW-Drinking Water OT- Other _____

Reinquisher by: (Signature)	Date: 6/4/10	Time: 13:15	Received by: (Signature)	Samples returned via: FedEx UPS Other _____	Condition: OK	pH _____	Temp _____	(lab use only)
Reinquisher by: (Signature)	Date: 6/4/10	Time: 13:15	Received by: (Signature)	Temp: 34.2	Bottles Received: 6/5	Flow: _____	Other: _____	
Reinquisher by: (Signature)	Date: 6/5/10	Time: 06:00	Received for lab by: (Signature)	Date: 6/5/10	Time: 06:00	pH Checked: NCI		

10793 West County 20 1/2 Street
San Luis, Arizona

June 22, 2010
Project No. 602972002

APPENDIX C

BORING LOGS

DEPTH (feet)	BULK SAMPLES	DRY DENSITY (PCF)	CLASSIFICATION U.S.C.S.	BORING LOG EXPLANATION SHEET			
	Driven			BLOWS/FOOT	MOISTURE (%)	SYMBOL	
0							Bulk sample. Modified split-barrel drive sampler. No recovery with modified split-barrel drive sampler. Sample retained by others. Standard Penetration Test (SPT). No recovery with a SPT.
5				XX/XX			Shelby tube sample. Distance pushed in inches/length of sample recovered in inches. No recovery with Shelby tube sampler. Continuous Push Sample. Seepage. Groundwater encountered during drilling. Groundwater measured after drilling.
10			SM				ALLUVIUM: Solid line denotes unit change. Dashed line denotes material change. Attitudes: Strike/Dip b: Bedding c: Contact j: Joint f: Fracture F: Fault cs: Clay Seam s: Shear bss: Basal Slide Surface sf: Shear Fracture sz: Shear Zone sbs: Sheared Bedding Surface
15							The total depth line is a solid line that is drawn at the bottom of the boring.
20							

Ninjo & Moore

BORING LOG

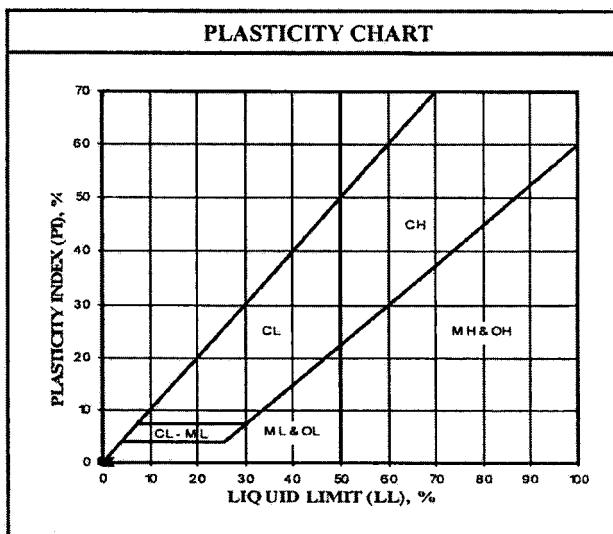
EXPLANATION OF BORING LOG SYMBOLS

PROJECT NO.	DATE Rev. 01/03	FIGURE
-------------	--------------------	--------

U.S.C.S. METHOD OF SOIL CLASSIFICATION

MAJOR DIVISIONS		SYMBOL	TYPICAL NAMES
COARSE-GRAINED SOILS (More than 1/2 of soil >No. 200 sieve size)	GRAVELS (More than 1/2 of coarse fraction > No. 4 sieve size)	GW	Well graded gravels or gravel-sand mixtures, little or no fines
		GP	Poorly graded gravels or gravel-sand mixtures, little or no fines
		GM	Silty gravels, gravel-sand-silt mixtures
		GC	Clayey gravels, gravel-sand-clay mixtures
	SANDS (More than 1/2 of coarse fraction <No. 4 sieve size)	SW	Well graded sands or gravelly sands, little or no fines
		SP	Poorly graded sands or gravelly sands, little or no fines
		SM	Silty sands, sand-silt mixtures
		SC	Clayey sands, sand-clay mixtures
FINE-GRAINED SOILS (More than 1/2 of soil <No. 200 sieve size)	SILTS & CLAYS Liquid Limit <50	ML	Inorganic silts and very fine sands, rock flour, silty or clayey fine sands or clayey silts with slight plasticity
		CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays
		OL	Organic silts and organic silty clays of low plasticity
	SILTS & CLAYS Liquid Limit >50	MH	Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts
		CH	Inorganic clays of high plasticity, fat clays
		OH	Organic clays of medium to high plasticity, organic silty clays, organic silts
		Pt	Peat and other highly organic soils

GRAIN SIZE CHART		
CLASSIFICATION	RANGE OF GRAIN SIZE	
	U.S. Standard Sieve Size	Grain Size in Millimeters
BOULDERS	Above 12"	Above 305
COBBLES	12" to 3"	305 to 76.2
GRAVEL Coarse Fine	3" to No. 4 3" to 3/4" 3/4" to No. 4	76.2 to 4.76 76.2 to 19.1 19.1 to 4.76
SAND Coarse Medium Fine	No. 4 to No. 200 No. 4 to No. 10 No. 10 to No. 40 No. 40 to No. 200	4.76 to 0.075 4.76 to 2.00 2.00 to 0.420 0.420 to 0.075
SILT & CLAY	Below No. 200	Below 0.075



Ninjo & Moore	U.S.C.S. METHOD OF SOIL CLASSIFICATION
--------------------------	--

DEPTH (feet)	BULK DRIVEN	SAMPLES	BLOWS/FOOT	MOISTURE (%)	DRY DENSITY (PCF)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	DATE DRILLED	6/3/10	BORING NO.	B-1				
									GROUND ELEVATION	Floor of Concrete Trench	SHEET	1 OF 1				
METHOD OF DRILLING	GeoProbe Model #8M (Ninyo & Moore)															
DRIVE WEIGHT	NA				DROP	NA										
SAMPLED BY	DPB	LOGGED BY	DPB	REVIEWED BY	LM	DESCRIPTION/INTERPRETATION										
0						0.1		CL	CONCRETE: Brown, damp, hard, CLAY.							
						0.1			Trace black organics.							
5						0.1			Trace silt; black organics not observed.							
									Total Depth = 6 feet. Groundwater not encountered during drilling. Backfilled with concrete on 6/3/10 promptly after completion of drilling. Groundwater, though not encountered at the time of drilling, may rise to a higher level due to seasonal variations in precipitation and several other factors as discussed in the report.							
10																
15																
20																

Ninyo & Moore

BORING LOG

LIMITED PHASE II ENVIRONMENTAL SITE ASSESSMENT

10793 WEST COUNTY 20 1/2 STREET - SAN LUIS, ARIZONA

PROJECT NO.	DATE	FIGURE
602972002	6/10	C-1

DEPTH (feet)	SAMPLES		DRY DENSITY (PCF)	PID READING (PPM)	CLASSIFICATION U.S.C.S.	DATE DRILLED	6/3/10	BORING NO.	B-2
	Bulk	Driven				GROUND ELEVATION	Floor of Concrete Trench	SHEET	1 OF 1
0					CL	<u>CONCRETE:</u> Brown, damp, hard, CLAY.			
5				0.1		Trace silt.			
10						Total Depth = 6 feet. Groundwater not encountered during drilling. Backfilled with concrete on 6/3/10 promptly after completion of drilling. Groundwater, though not encountered at the time of drilling, may rise to a higher level due to seasonal variations in precipitation and several other factors as discussed in the report.			
15									
20									



BORING LOG		
LIMITED PHASE II ENVIRONMENTAL SITE ASSESSMENT		
10793 WEST COUNTY 20 1/2 STREET - SAN LUIS, ARIZONA		
PROJECT NO.	DATE	FIGURE
602972002	6/10	C-2

DEPTH (feet)	Bulk	SAMPLES	BLOWS/FOOT	MOISTURE (%)	DRY DENSITY (PCF)	PID READING (PPM)	CLASSIFICATION U.S.C.S.	DATE DRILLED	6/3/10	BORING NO.	B-3
	Driven							GROUND ELEVATION	Floor of Concrete Trench	SHEET	1 OF 1
								METHOD OF DRILLING	GeoProbe Model #8M (Ninyo & Moore)		
								DRIVE WEIGHT	NA	DROP	NA
								SAMPLED BY	DPB	LOGGED BY	DPB
								REVIEWED BY	LM	DESCRIPTION/INTERPRETATION	
0							CL	CONCRETE: Brown, damp, hard, CLAY.			
5						0.1		Trace silt.			
10								Total Depth = 6 feet. Groundwater not encountered during drilling. Backfilled with concrete on 6/3/10 promptly after completion of drilling. Groundwater, though not encountered at the time of drilling, may rise to a higher level due to seasonal variations in precipitation and several other factors as discussed in the report.			
15											
20											

Ninyo & Moore	BORING LOG		
	LIMITED PHASE II ENVIRONMENTAL SITE ASSESSMENT 10793 WEST COUNTY 20 1/2 STREET - SAN LUIS, ARIZONA		
	PROJECT NO. 602972002	DATE 6/10	FIGURE C-3

DEPTH (feet)	BULK BLOWNS/FOOT	SAMPLES Driven	DRY DENSITY (PCF) MOISTURE (%)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	DATE DRILLED	6/3/10	BORING NO.	B-4		
							GROUND ELEVATION	Floor of Concrete Trench	SHEET	1 OF 1		
METHOD OF DRILLING	GeoProbe Model #8M (Ninyo & Moore)											
DRIVE WEIGHT	NA				DROP	NA						
SAMPLED BY	DPB	LOGGED BY	DPB	REVIEWED BY	LM	DESCRIPTION/INTERPRETATION						
0				0.1		CL	CONCRETE: Brown, damp, hard, CLAY.					
5				0.1			Trace silt.					
10							Total Depth = 6 feet. Groundwater not encountered during drilling. Backfilled with concrete on 6/3/10 promptly after completion of drilling. Groundwater, though not encountered at the time of drilling, may rise to a higher level due to seasonal variations in precipitation and several other factors as discussed in the report.					
15												
20												

Ninyo & Moore

BORING LOG

LIMITED PHASE II ENVIRONMENTAL SITE ASSESSMENT

10793 WEST COUNTY 20 1/2 STREET - SAN LUIS, ARIZONA

PROJECT NO.	DATE	FIGURE
602972002	6/10	C-4

DEPTH (feet)	BULK	SAMPLES	BLOWS/FOOT	MOISTURE (%)	DRY DENSITY (PCF)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	DATE DRILLED	6/3/10	BORING NO.	B-5
	Bulk	Driven							GROUND ELEVATION	Floor of Concrete Trench	SHEET	1 OF 1
									METHOD OF DRILLING	GeoProbe Model #8M (Ninyo & Moore)		
									DRIVE WEIGHT	NA	DROP	NA
									SAMPLED BY	DPB	LOGGED BY	DPB
									REVIEWED BY	LM		
									DESCRIPTION/INTERPRETATION			
0						0.1		CL	CONCRETE: Brown, damp, hard, CLAY. Black.			
						0.1			Brown.			
5						0.1			Trace silt.			
									Total Depth = 6 feet. Groundwater not encountered during drilling. Backfilled with concrete on 6/3/10 promptly after completion of drilling. Groundwater, though not encountered at the time of drilling, may rise to a higher level due to seasonal variations in precipitation and several other factors as discussed in the report.			
10												
15												
20												

BORING LOG		
LIMITED PHASE II ENVIRONMENTAL SITE ASSESSMENT 10793 WEST COUNTY 20 1/2 STREET - SAN LUIS, ARIZONA		
PROJECT NO.	DATE	FIGURE
602972002	6/10	C-5

Ninyo & Moore

10793 West County 20 1/2 Street
San Luis, Arizona

June 22, 2010
Project No. 602972002

APPENDIX D

CREDENTIALS

C. LEE MORRIS, RG PRINCIPAL GEOLOGIST

EDUCATION

B.S., Geology, 1984, Eastern Illinois University, Charleston, Illinois

B.S., Business, 1984, Eastern Illinois University, Charleston, Illinois

REGISTRATIONS AND CERTIFICATIONS

RG 38736 (AZ)

40-Hour OSHA HAZWOPER Certification

8-Hour OSHA HAZWOPER Refresher Training Certification

EXPERIENCE HIGHLIGHTS

City of Phoenix Environmental Assessments, On-Call Contract

Environmental Program Management
Tonoapah Communities, LLC – Analysis of Assured Water Supply

Cave Creek/Carefree Sub-Basin Water Balance Study

PROFESSIONAL AFFILIATIONS

Arizona Hydrologic Society, Phoenix Chapter

Arizona Chamber of Commerce and Industry-Environmental Committee, Water Quality Sub-Committee

Environmental Professionals of Arizona
National Ground Water Association

As a Principal Geologist, Mr. Morris provides technical and managerial support on a wide variety of projects including; Comprehensive Environmental Response, Compensation, and Liability Act and Resource Conservation and Recovery Act remedial investigation/feasibility studies, due diligence environmental site assessments at industrial and commercial properties, environmental building audits, subsurface soil and groundwater assessments and remediation, water resource studies, aquifer protection permitting, and National Pollutant Discharge Elimination System permitting. His project experience includes natural resource exploration, regulatory oversight, and environmental and water resource consulting.

REPRESENTATIVE PROJECT EXPERIENCE

City of Phoenix, Environmental On-Call Services, Phoenix, Arizona: Program manager of annual \$500,000 City of Phoenix On-Call Environmental Assessments and Biological Surveys contract utilized by the Engineering & Architectural Services Department and Aviation Department. Typical projects included ASTM-compliant Phase I and Phase II Environmental Site Assessments (ESAs) along the proposed light rail corridor, and at other residential, commercial and industrial properties.

City of Glendale, Environmental On-Call Services, Glendale, Arizona: Program manager of annual City of Glendale On-Call Environmental Site Assessment and Remediation contract utilized by various Departments within the City. Typical projects included ASTM-compliant Phase I and Phase II ESAs as well as remediation necessary to achieve the City's redevelopment, property use, or other goals.

Small Municipal Separate Storm Sewer System (MS4) Programs, Various Municipalities, Arizona: Managed stormwater management plan implementation services provided on behalf of two municipalities and one state university located in the Phoenix metropolitan area. Services included regulatory liaison, preparation of annual reports, preparation of draft ordinances, evaluation of construction and post-construction best management practices, and development of construction and post-construction design standards, and plan review checklists. Mr. Morris also prepared and presented stormwater management training seminars to municipality employees.

Commercial and Industrial Properties Phase I and Phase II ESAs, Various Locations, Maricopa County, Arizona: Managed Phase I and Phase II site assessments associated with development of commercial and industrial properties located throughout the Phoenix-metropolitan area. Assessments were conducted on behalf of national financial institutions, attorneys, and municipalities.

Annual Environmental Building Audits, Various Locations, Maricopa County, Arizona: Managed Annual Environmental Audit Program associated with maintenance of over 90 commercial and industrial properties located throughout the Phoenix-metropolitan area. Assessments were conducted on behalf of national property management firm.

Petroleum Facility Phase II ESA, Cochise County, Arizona: Managed a Phase II site assessment at a former petroleum-marketing facility located in Cochise County, Arizona. Groundwater monitor wells were installed on off-site properties to further assess the lateral extent of petroleum hydrocarbon-impacted groundwater. Work was conducted on behalf of Arizona Department of Environmental Quality's (ADEQ's) UST Corrective Action State Lead Unit.



C. LEE MORRIS, RG

PAGE 2 OF 2

REPRESENTATIVE PROJECT EXPERIENCE (continued)

Arizona UST State Assurance Fund Administration, Phoenix, Arizona: Managed technical and administrative operations as a third party administrator of the Arizona Assurance Account of the UST Revolving Fund (SAF). Responsible for technical and administrative evaluation of claims submitted to the State for reimbursement of costs incurred during characterization and remediation of petroleum hydrocarbon-impacted soil and groundwater at UST facilities located throughout Arizona (Approximately \$20 million in corrective action costs reimbursed per year).

Preliminary Hazardous Materials and Hydrologic Study, Railway Corridor, Graham County, Arizona: Provided technical oversight associated with a preliminary hazardous materials study to identify possible hazardous waste sites in and near a proposed railway corridor and a review of surface-water and groundwater conditions in the vicinity of the project area. The proposed railway corridor was approximately 10 miles in length and crossed 19 Sections in 2 Townships.

Expedited Third-Party Technical Review, Arizona Department of Environmental Quality (ADEQ) Mining Aquifer Protection Permit (APP) Program, Pinal County, Arizona: Performed technical review of a rock characterization/inertness demonstration report to ensure adherence to inertness criteria defined in the ADEQ Arizona Mining Best Available Demonstrated Control Technology (BADCT) Guidance Manual and to assess whether information provided within the report demonstrated inertness relative to the Arizona APP program. Performed technical review of a work plan for human health risk assessment to develop site-specific cleanup levels associated with smelter-affected soils present at a copper mining and smelting site located near Superior, Arizona. The work plan was evaluated relative to current U.S. Environmental Protection Agency (USEPA) and Arizona Department of Health Services risk assessment guidance. Performed technical review of a work plans and closure reports associated with clean closure by removal of multiple drainage ponds at a former copper mining and smelting site located near Superior, Arizona. Each work plan was assessed for validation of proposed approach, adequacy of supporting data, and compliance with the ADEQ Arizona Mining BADCT Guidance Manual. Closure reports were also reviewed and assessed for adherence to work plan protocols and procedures.

Basin-Wide Water Resource Study, Arizona: Managed a basin-wide water resource study including multi-jurisdictional water balance evaluation, hydrologic analysis, development of water resource management recommendations, and development and implementation of a long-term monitoring and data management program. The study area was located with a sub-basin of the Arizona Department of Water Resources Phoenix Active Management Area.

Water Resource and Water Right Valuation Study, Arizona: Managed a water resource and water right valuation study associated with a private in holding located within a National Monument. The study included a comprehensive hydrogeologic investigation to evaluate surface and groundwater production potential along an ephemeral stream located at the base of a 400-foot canyon. Investigation included extensive literature research and interviews, field mapping, and an approximate five-mile surface geophysical survey.

Analysis of Assured Water Supply, Tonopah, Arizona: Managed a hydrogeologic investigation in support of an Analysis of Assured Water Supply Application associated with proposed community to be comprised of approximately 7,280 single-family residential lots, 2,710 multi-family units, two public schools, 1.5 golf courses, 120 acres of parks, and 250 acres designated for commercial/industrial use. The hydrogeologic investigation successfully demonstrated that an adequate supply of groundwater was physically and continuously available to meet the estimated residential, commercial, and industrial demand associated with the mixed-use, master planned community.

Arizona Public Service, Palo Verde Nuclear Generating Station, Arizona: Managed a hydrogeologic investigation to assess potential vadose zone impact beneath an approximately 200-acre evaporation pond. A surface geophysical survey (Nano-Transient Electromagnetic Survey) was conducted over and adjacent to the pond footprint. Sonic drilling was conducted inside and adjacent to the pond to further assess vadose conditions beneath the pond footprint. Selected samples were submitted for geotechnical and chemical analysis. Results of the comprehensive investigation indicated that a significant release of fluid to the subsurface had not occurred. The investigation was conducted in support of an aquifer protection permit.

KATHRYN M. PEACOCK

SENIOR PROJECT ENVIRONMENTAL SCIENTIST/PROJECT MANAGER

EDUCATION

B.A., Environmental Studies, 1999,
Prescott College, Prescott, Arizona

REGISTRATIONS AND CERTIFICATIONS

OSHA 40-Hour Hazardous Waste Site Investigation Training (29 CFR 1910.120)

EXPERIENCE HIGHLIGHTS

City of Phoenix, On-Call Contract
Wells Fargo
JP Morgan Chase

PROFESSIONAL AFFILIATIONS

Environmental Professionals of Arizona

Ms. Peacock is a senior project environmental scientist and project manager for the Phoenix office of Ninyo & Moore. Ms. Peacock's experience includes performing and managing Phase I and II Environmental Site Assessments (ESAs); soil and groundwater sampling, testing, and remediation; water and soil sampling; and solid and hazardous waste characterization.

REPRESENTATIVE PROJECT EXPERIENCE

Phase I Environmental Site Assessments for City of Phoenix Projects, Phoenix, Arizona: Performed over 100 Phase I ESAs throughout the Phoenix metropolitan area for City of Phoenix projects associated with the Light Rail Transit Project, the Community Noise Reduction Program, the Tres Rios Project, and street widening projects. Assessed properties included single and multifamily residential properties, vacant desert land, fallow and active agricultural land, manufacturing facilities, machine shops, automobile salvage yards, food distributors, and soda bottling facilities. Based on ESA findings, subsequent Phase II assessments were performed on various properties, including regulatory file reviews, UST site characterizations, drywell assessments, and surface/subsurface soil sampling.

Phase I Environmental Site Assessments, Various locations in Arizona: Performed several Phase I ESAs in various locations in Arizona. Experience included performing site visits; gathering zoning, ownership, building permits, fire records, and groundwater well information; geology research; underground storage tank (UST) and leaking underground storage tank (LUST) file review; aerial photograph interpretation; RCRA, WQARF, CERCLA database and city directory review; personal interviews; and preparation of technical report.

Phase II Environmental Site Assessments, Various locations, Arizona: Performed and managed several Phase II ESAs at various locations in Arizona. These services included preparation of a Phase I ESA prior to field investigation; observation during metal detection surveys, observation, soil sampling, and testing during exploratory excavations, locating buried wells and former UST pits, observation, sampling, testing during exploratory test borings, quantification of buried trash and debris, coordination for disposal of buried materials, and preparation of technical report.

Phase I ESAs Arizona Department of Transportation (ADOT), Phoenix, Arizona: Conducted and managed a Phase I ESA for ADOT in Yuma, Arizona. She was responsible for the oversight of site reconnaissance activities conducted on a 40-mile stretch of highway that extended through the Yuma Proving Ground (YPG) and land operated by the Bureau of Land Management. These services included an inspection of the site for unexploded ordinance (UXO), a thorough historical evaluation of UXO locations, research of environmental compliance issues in relation to the site and hazardous waste sites located within the YPG, and preparation of a comprehensive document relating findings to ADOT.

Phase I Environmental Site Assessments, Various locations in Colorado: Managed several Phase I ESAs in various locations in Colorado. Experience included reviewing technical reports prepared for facilities such as dairy farms, automotive maintenance facilities, former sugar refineries, and commercial development.



KATHRYN M. PEACOCK

PAGE 2 OF 2

REPRESENTATIVE PROJECT EXPERIENCE: (continued)

Phase I ESAs JP Morgan Chase, Arizona: Conducted and managed several Phase I ESAs for JP Morgan Chase in Arizona, including a foreclosure portfolio consisting of several residential subdivisions. She was responsible for the oversight of site visits; gathering zoning, ownership, building permits, fire records, and groundwater well information; geology research; UST and LUST file review; aerial photograph interpretation; RCRA, WQARF, CERCLA database and city directory review; personal interviews; and preparation of technical report.

Phase I ESAs Wells Fargo Bank, Arizona: Conducted and managed several Phase I ESAs for Wells Fargo Bank in Arizona. She was responsible for the oversight of site visits; gathering zoning, ownership, building permits, fire records, and groundwater well information; geology research; UST and LUST file review; aerial photograph interpretation; RCRA, WQARF, CERCLA database and city directory review; personal interviews; and preparation of technical report.

UST Closure, City of Prescott, Prescott, Arizona: Prepared scope-of-work and coordinated the permanent removal and closure of USTs for the City of Prescott. Performed soil sampling beneath the USTs and associated ancillary equipment to determine if there had been a release. Submitted UST Permanent Closure Assessment Reports and Notification for USTs Forms to ADEQ. Conducted initial LUST site characterizations to assess the magnitude and vertical extent of soil contamination and any impact to groundwater. Prepared reports summarizing sampling activities.

DAVID P. BOYCE
STAFF ENVIRONMENTAL SCIENTIST

EDUCATION

B.A., Political Science, 2002, University of South Carolina, Columbia, South Carolina

REGISTRATIONS AND CERTIFICATIONS

OSHA 40-Hour Hazardous Materials Safety Training
Soil Classification Training
AHERA Building Inspector
24-Hour MSHA Training
American Red Cross CPR and First Aid Training

EXPERIENCE HIGHLIGHTS

City of Phoenix, On-Call Contract
St. Joseph's Hospital, On-Call Contract
Macerich Management Company (Westcor), On-Call Contract

Mr. Boyce is a staff environmental scientist for the Phoenix office of Ninyo & Moore. Mr. Boyce's experience includes performing Asbestos Surveys, Microbial Surveys, Phase I and Phase II Environmental Site Assessments (ESAs), environmental soil sampling, geotechnical soil sampling, and remediation operation and monitoring.

REPRESENTATIVE PROJECT EXPERIENCE

Comprehensive Asbestos Surveys and Abatement Oversight, Various locations in Arizona: Performed several Asbestos Surveys and abatement oversight in various locations in Arizona. Duties included: performing site visits; mapping of homogeneous areas; sampling of asbestos containing building materials; oversee abatement work; conduct air sampling during abatement work; and preparation of technical report. Performed Asbestos Surveys in residential, commercial, and large industrial facilities.

City of Phoenix, Residential Sound Assistance Program, Phoenix, Arizona: Performed asbestos surveys, abatement oversight and project design at numerous City-owned properties for Engineering and Architectural Services as part of the Aviation Department's Residential Sound Assistance Program. Additional services included Phase I and Phase II ESAs.

Lead-Based Paint Surveys, Arizona: Performed lead-based paint (LBP) surveys in Arizona. Experience includes gaining site access, identification of potential LBP containing surfaces, sampling of suspect LBP, coordination of testing laboratory; evaluation of the laboratory data, quantification of the LBP, and preparation of technical field reports.

City of Phoenix Valley Light Rail Transit Project, Phoenix, Arizona: Performed asbestos surveys, abatement oversight and project design at numerous City-owned properties including several proposed transit right of ways for Engineering and Architectural Services as a part of the valley's Light Rail Program. Additional services included Phase I and Phase II ESAs.

Macerich Management Company (Westcor), Arizona: Performed asbestos sampling events at various existing retail and mall properties, as well as vacant properties proposed for development. Additional services included abatement oversight and final clearance services.

Phase I Environmental Site Assessments, Various locations in Arizona: Performed several Phase I ESAs in various locations in Arizona. Experience includes performing site visits; gathering zoning, ownership, building permits, fire records, and groundwater well information; geological research; UST and leaking underground storage tank (LUST) file review; aerial photograph interpretation; RCRA, WQARF, CERCLA database and city directory review; personal interviews; and preparation of technical reports.

Emergency Spill Response, Phoenix, Arizona: Performed oversight and observation during remediation of a petroleum spill from a derailed train car. Experience includes observation during remediation activities, soil sampling, delineation of the impact, laboratory coordination, and interpretation of the data.

Geotechnical Soil Sampling, Various locations in Arizona: Collected soil samples using a modified split-barrel drive sampler, standard penetration test sampler, and bulk sampling. Other duties included classifying the soil and placing it in the appropriate containers for laboratory analysis

DAVID P. BOYCE

PAGE 2 OF 2

REPRESENTATIVE PROJECT EXPERIENCE: (continued)

Environmental Soil Sampling, Various locations in Arizona: Collected samples using various methods including Encores, Glass Jars, and Methanol Extraction techniques. Equipment used includes hand augers, sonic and rotary auger drill rigs, Encore T-handles, latex gloves, sterile scoops, brass sleeves, photoionization detectors, and multi-gas meters.

Phase II Environmental Site Assessments, Various locations in Arizona: Performed Phase II ESAs at various locations in Arizona. These services included preparation of a Phase I ESA prior to field investigation; asbestos sampling and testing, observation, soil sampling, liquid sampling, concrete sampling, and preparation of technical report.

Soil Vapor Extraction (SVE) and Thermally Enhanced Extraction (TEE), Mesa, Arizona: Performed multiple duties related to a pilot test jet-fuel remediation project at the former Williams Air Force base in Mesa Arizona. Duties included: groundwater pump operation, water treatment, and the general operation and maintenance of several pieces equipment. Equipment operated at the site include: air stripper, thermal oxidizer, cooling tower, oil-water separator, and various high volume pumps.

Soil Monitoring, Phoenix, Arizona: Performed onsite monitoring of excavated soil using a Photoionization Detector in support of the Valley Metro Light Rail project at Central and Camelback. The soil was monitored by lowering an extension tube into dump trucks hauling soil offsite and logging the information for project overseers use.

UST Closure, Various locations in Arizona: Performed UST closures throughout Arizona. Closure services included: obtaining a UST closure permit from ADEQ; scheduling an ADEQ certified UST removal contractor; performing oversight during excavation, removal, and disposal / destruction of the USTs; monitoring the lower explosive limit and oxygen levels in the USTs prior to removal; collecting soil samples following removal of the USTs; coordination of an Arizona certified laboratory for analytical testing; interpretation of the analytical data; and assisted with the preparation of the UST Closure report.

Aboveground Storage Tank (AST) Assessment, Farmington, New Mexico: Performed multiple duties related to AST Compliance at the various coal mines. Duties included: identification of AST system locations, evaluation of construction type and secondary containment, sketching ASTs to scale, and compliance with state and federal law.

Microbial Assessments and Sampling, Various locations in Arizona: Performed several Microbial assessments in various locations in Arizona. Duties included: performing site visits; cutting inspection holes; mapping areas with observed microbial growth; evaluation of laboratory data; oversee abatement work; conducting pre- and post-remediation air sampling; and preparation of technical report. Performed Microbial assessments in residential, commercial, and large industrial facilities.