

**PHASE II ENVIRONMENTAL SITE
ASSESSMENT**

For the

**BUFFALO CREEK - FLM-CLAUDE MELLI SITE
ERIE ROAD- ADJACENT TO GOLF COURSE
BRADENTON, MANATEE COUNTY,
FLORIDA 34208**

Prepared for

**MANATEE COUNTY SCHOOL DISTRICT
CONSTRUCTION SERVICES
2802 B 27TH STREET EAST
BRADENTON, FLORIDA 34208-7405
TELEPHONE (941) 708-8800**

Prepared by

**PROFESSIONAL SERVICE INDUSTRIES, INC.
5801 BENJAMIN CENTER DRIVE, SUITE 112
TAMPA, FLORIDA 33634
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PSI PROJECT NO. 552-5E093-II

August 12, 2005

Amy Summers for

Michael J. Bair
Project Manager

Nana Faulkner

Nana Faulkner, PG, CHMM
Principal Consultant

CONSTRUCTION SERVICES

AUG 22 2005

August 12, 2005

Manatee County School District
Construction Services
2802-B 27th Street East
Bradenton, FL 34208-7405
(941) 708-8800 ext. 1056

Attn: Mr. Mike Pendley
Planner, Construction Services

Re: Phase II Environmental Site Assessment Report
Buffalo Creek - FLM-Claude Melli Site
Erie Road- Adjacent to golf course
Bradenton, Manatee County, Florida 34208
PSI Project No. 552-5E093-II

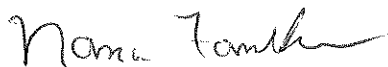
Dear Mr. Pendley:

In accordance with our agreement dated June 29, 2005, Professional Service Industries, Inc. (PSI) has performed a Phase II Environmental Site Assessment at the above-referenced property. Please find two copies of the final report enclosed.

Thank you for choosing PSI as your consultant for this important project. If you have any questions, or if we can be of additional service in the future, please don't hesitate to contact us at (813) 886-1075.

Respectfully submitted,

PROFESSIONAL SERVICE INDUSTRIES, INC.



Nana Faulkner, PG, CHMM
Principal Consultant

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Enclosures

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1.0 INTRODUCTION

Professional Service Industries, Inc. (PSI) conducted a Phase II Environmental Site Assessment (ESA) at Buffalo Creek - FLM-Claude Melli Site in Bradenton, Manatee County, Florida. The purpose of the Phase II ESA was to develop information with respect to the recognized environmental condition assessed, to evaluate whether hazardous substances are present under conditions indicating an impact to the subject property. This report documents the scope of work, field investigation activities, laboratory analyses and evaluation of data with respect to the recognized environmental condition assessed. The assessment was conducted in general accordance with ASTM Standard E 1903-97, Standard Guide for Environmental Site Assessments: *Phase II Environmental Site Assessment Process*.

1.1 AUTHORIZATION

Authorization to perform the assessment was given on June 29, 2005 by a signed copy of PSI Proposal No. 552-E5115, between Manatee County School District and PSI, referencing Manatee County School District Purchase Order # 150055-000 OH.

1.2 SITE DESCRIPTION

The subject property is approximately 60 acres of an active citrus grove. The subject property has historically been citrus groves prior to 1960. The vicinity of the property can generally be described as mixed residential and agricultural. Current use of adjoining property for the subject property includes: citrus groves to the north and east; residential property to the south beyond Wade Canal, Seacoast Railroad, and Erie Road; and Buffalo Creek Golf Course to the west beyond Wade Canal. To the northwest of the property is a Manatee County wastewater treatment plant.

An area of wood chip mulch was observed on the north portion of the subject property. This area encompassed approximately one-fifth of the property and was about 2 to 3 feet thick. It was reported by the property owner (Mr. Claude Melli) that the wood mulch was from the City of St. Petersburg brush sites.

1.3 PROJECT BACKGROUND

PSI has developed the scope of services presented below based on information obtained from the School District and concurrent information during the research phase of the Phase I ESA. In order to meet the School district's schedule for due diligence, a Phase I and Phase II were conducted concurrently. The Phase I ESA was submitted July 21, 2005.



The report revealed one on-site recognized environmental condition (REC). The historical information developed and reviewed for the subject property revealed that the property was agriculturally developed from prior to 1960 to the present. While no structures indicative of pesticide, herbicide, or chemical storage/mixing areas were noted on the property, row crops are maintained with chemicals applied as a normal agricultural process. As with any agriculturally developed land, there exists the possibility that pesticides, herbicides, or fertilizers have been applied which may have impacted the subject property.

1.4 PURPOSE AND SCOPE

The purpose of the Phase II ESA was to develop information regarding the presence of hazardous substances at the property with regard to the above-referenced recognized environmental conditions.

PSI relied upon the previously discussed background information to develop the scope of work for this investigation. The general scope of the Phase II ESA consisted of the following activities: review of previous assessments, site safety and health plan preparation, laboratory analysis of soil samples, data analysis and interpretation, and report preparation.

The assessment was completed in general accordance with the authorized scope of work with one exception. The original Scope of Services included the installation of groundwater monitor wells for sample collection. Physical site conditions prevented access with our direct push (Geoprobe) rig and no monitor wells were installed. A second drill rig (hollow stem auger) was then scheduled to perform the well installation, at which point the soil sample analysis was received from the analytical laboratory. The soil results revealed no tested constituents above state guidelines. Based on the physical nature of the constituents tested, it is highly unlikely that groundwater would be impacted by the tested parameters, if the soil is not. Therefore, the groundwater monitor well installation was considered unnecessary.

2.0 ASSESSMENT ACTIVITIES

Field investigation and sampling activities were conducted on July 19, 2005, under the supervision of Mr. Michael J. Bair, Project Manager for PSI. Due to the remote nature of the subject property, a utility locating services was not contacted prior to field activities.



Soil samples were submitted to Severn Trent Laboratories, Inc., in Tampa, Florida under chain-of-custody documentation for analysis. A complete copy of the laboratory analytical report is provided in Appendix C.

2.1 ON-SITE CITRUS GROVE

Based on the former and current use of the property as a citrus grove, subsurface testing was conducted for pesticides, herbicides, and arsenic solutions, which are typically applied as a part of the normal operation of an agricultural site.

Six soil borings (labeled as SB-1 through SB-6) were completed in a grid-like manner to provide a comprehensive coverage of soil conditions at the subject property, as illustrated on Figure 1, Appendix A. Soil samples were collected with a decontaminated hand auger and composited in the field from approximately 0 to 1 foot bls. The soil sample from SB-2 was collected from the soil horizon beneath the layer of mulch and composited in a similar method. The hand augers were decontaminated with an Alconox and deionized water solution between each soil boring to prevent cross-contamination. Each sample was logged and labeled according to location, time and soil sample analyte.

The soil samples were placed in containers supplied by the laboratory and transported under chain-of-custody to STL Laboratories in Tampa, Florida. The samples were analyzed by STL under procedures specified by the National Environmental Laboratory Accreditation Program (NELAP) for the following methods:

- Arsenic by EPA Method 6010B
- Organochlorine Pesticides by EPA Method 8081
- Organophosphorus Pesticides by EPA Method 8141
- Chlorinated Herbicides by EPA Method 8151

One equipment blank was also collected and analyzed for the same parameters to ensure that proper decontamination techniques were utilized during the field investigation.

2.2 INVESTIGATION DERIVED WASTES

Investigation-derived waste (IDW) was returned to the site where conditions allowed. Excess soil was placed in the originating borehole. No IDW was containerized as part of this project that would require off-site disposal.



3.0 DATA ANALYSIS & INTERPRETATION

The results of the field investigation and laboratory analyses are presented in the following section. Where appropriate, the results are compared with the regulatory limits of Chapter 62-777, Florida Administrative Code (FAC) for the chemicals and compounds identified in the applicable media.

3.1 ON-SITE CITRUS GROVES

As noted on Table 1, Appendix B, several analytes were detected above the method detection limits but none at levels above the regulatory limits established by the state within Chapter 62-777, FAC.

Several organochlorine pesticides (Delta-BHC, 4,4-DDE and 4,4-DDT) were detected at SB-1, SB-3, or SB-4 at levels significantly below their respective standards. Similarly, an organophosphate pesticide (ethion) was detected at a concentration significantly below any state standard. Arsenic was detected at SB-3 and SB-4 at a concentration of 0.31 and 1.2, respectively, which is below the state standard of 2.1, established in Chapter 62-777, FAC, Direct Exposure –Residential Criteria.

All tested parameters for the equipment blank were at below detectable limits, indicating that the decontamination procedures for the sampling equipment were sufficient.

4.0 CONCLUSIONS AND RECOMMENDATIONS

PSI has performed a Phase II Environmental Site Assessment in general conformance with the scope and limitations of the ASTM Standard E 1903-97 guide and PSI Proposal No. 552-E5115 for the Buffalo Creek Site – FLM-Melli Property in Bradenton, Florida. Any exceptions to or deletions from the work scope are discussed earlier in this report. Based on an evaluation of the findings of this assessment, the following conclusions and recommendations have been developed.

4.1 ON-SITE CITRUS GROVES

None of the tested parameters were detected at concentrations above the regulatory limits of Chapter 62-777 of the Florida Administrative Code. The low level analytes that were detected at the subject property are common to agricultural properties with associated citrus groves.

Based upon the findings of this study, no additional environmental analysis appears necessary.



4.2 WARRANTY

PSI warrants that the findings and conclusions reported herein were conducted in general accordance with ASTM Standard E 1903-97 protocol. These methodologies are described by the standard guide as representing good commercial and customary practice for conducting a Phase II Environmental Site Assessment of a parcel of property for the purpose of evaluating recognized environmental conditions. However, these findings and conclusions contain all of the limitations inherent in these methodologies which are referred to in the standard guide and some of which are more specifically set forth below.

The Phase II Environmental Site Assessment has been developed to provide the client with information regarding apparent indications of recognized environmental conditions relating to the subject property. It is necessarily limited to the conditions observed and to the information available at the time of the work. The assessment and conclusions presented herein were based upon the subjective evaluation of limited data. They may not represent all conditions at the subject site as they reflect the information gathered from specific locations. PSI warrants that the findings and conclusions contained herein have been promulgated in accordance with generally accepted environmental investigation methodology and only for the site described in this report.

Due to the limited nature of the work, there is a possibility that there may exist conditions which could not be identified within the scope of the assessment or which were not apparent at the time of report preparation. It is also possible that the testing methods employed at the time of the report may later be superseded by other methods. The description, type, and composition of what are commonly referred to as "hazardous materials or conditions" can also change over time. PSI does not accept responsibility for changes in the state of the art, nor for changes in the scope of various lists of hazardous materials or conditions. PSI believes that the findings and conclusions provided in this report are reasonable. However, no other warranties are implied or expressed.

4.3 USE BY THIRD PARTIES

This report was prepared pursuant to the contract PSI has with Manatee County School District. That contractual relationship included an exchange of information about the subject site that was unique and between PSI and its client and serves as the basis upon which this report was prepared. Because of the importance of the communication between PSI and its client, reliance or any use of this report by anyone other than Manatee County School District and Mr. Kirk Pinkerton, PA, for whom it was prepared, is prohibited and therefore not foreseeable to PSI.



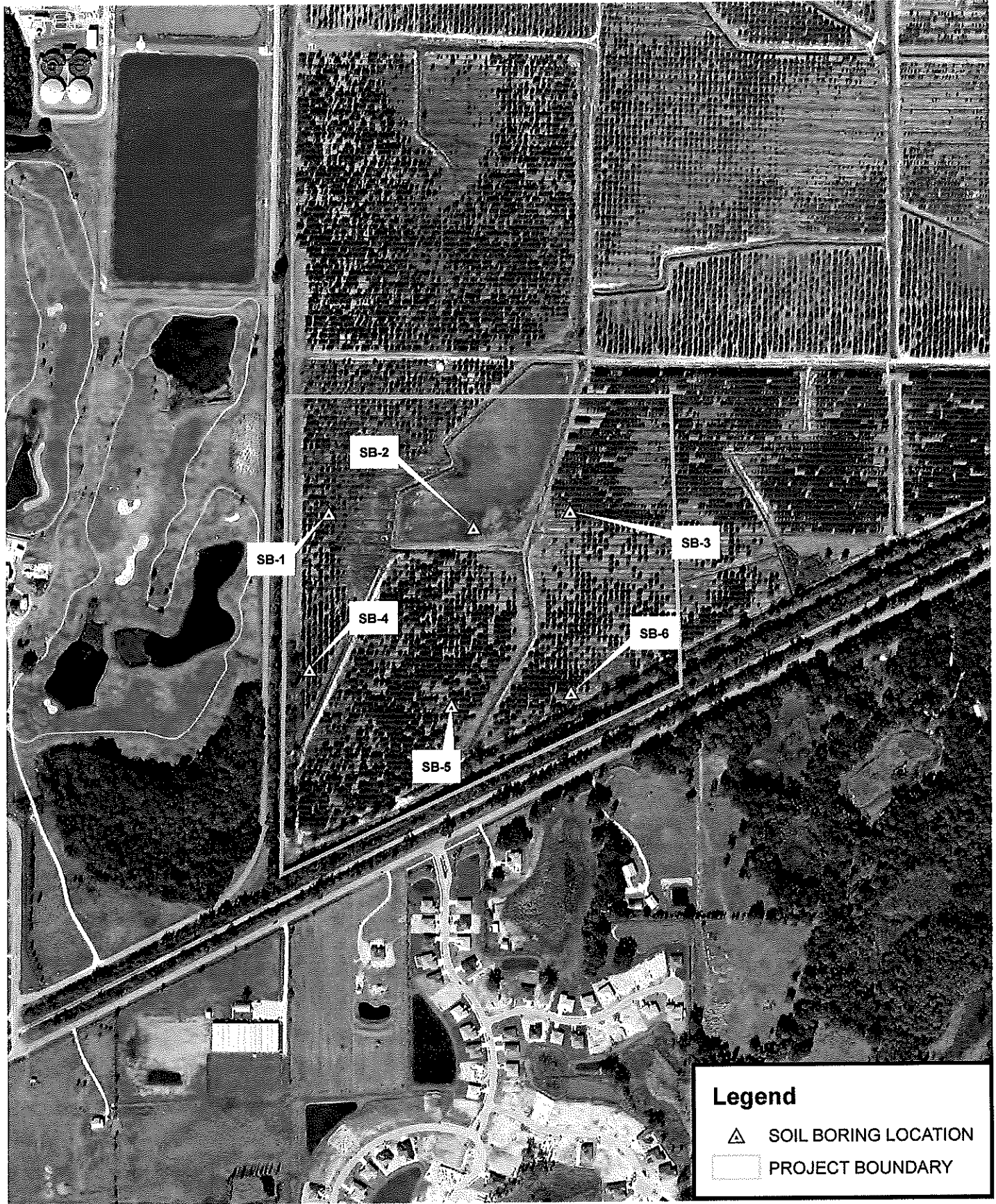
Reliance or use by any such third party without explicit authorization in the report does not make said third party a third party beneficiary to PSI's contract Manatee County School District. Any such unauthorized reliance on or use of this report, including any of its information or conclusions, will be at third party's risk. For the same reasons, no warranties or representations, expressed or implied in this report, are made to any such third party.

Third party reliance letters may be issued on request and payment of the, then current fee for such letters. All third parties relying on PSI's reports, by such reliance, agree to be bound by the proposal and PSI's General Conditions. No reliance by any party is permitted without such agreement, regardless of the content of the reliance letter itself.



APPENDIX A
FIGURE





REFERENCE: THE AERIAL WAS OBTAINED FROM LABINS (2004 DOQQ - 1MT RES).

SCALE 1: 7,000



PROJECT NO. 652-5E093
DRAWN BY PAV
DATE CREATED 8/15/2005

psi Information
To Build On
Engineering • Consulting • Testing
5801 Benjamin Center Drive
Suite 112
Tampa, Florida 33634
(813)866-1075
(813)249-0301 fax

BUFFALO CREEK PHASE II - FLM MELLI PROPERTY
SOIL BORING LOCATION
MANATEE COUNTY, FLORIDA

FIGURE 1

JPC-REP-000007 CHARN

APPENDIX B

TABLE



TABLE 1

SOIL ANALYTICAL DATA SUMMARY

PROJECT NAME:
ADDRESS:
CITY/COUNTY/STATE:
PSI PROJECT NO.:

Manatee County School District
Buffalo Creek Site, FLM-Melli Property
Ellenton, Manatee County
552-5E093

Sample I.D.	Sample Date	Depth Below Land Surface (feet)	Detected Parameters						
			Arsenic (mg/kg)	Ethion	Beta-BHC	Delta-BHC	4,4'-DDE	4,4'-DDD	4,4'-DDT
SB-1	07/19/05	0 - 1	<0.26	<3.2	<0.11	<0.15	1.9 I	<0.14	0.39 I
SB-2	07/19/05	0 - 1	<0.30	<3.7	<0.13	<0.17	<0.20	<0.16	<0.16
SB-3	07/19/05	0 - 1	0.31 I	<3.3	<0.12	0.2 I	<0.18	<0.14	<0.14
SB-4	07/19/05	0 - 1	1.2	26	<0.13	<0.16	0.23 I	<0.15	<0.15
SB-5	07/19/05	0 - 1	<0.25	<3.1	<0.11	<0.14	<0.17	<0.13	<0.13
SB-6	07/19/05	0 - 1	<0.53	<3.2	<0.12	<0.15	<0.17	<0.14	<0.14
Equipment Blank (water media)	07/19/05	NA	<0.0048	<0.081	<0.0063	<0.0074	<0.0031	<0.0047	<0.0042
Chapter 62-777, FAC DE-I SCTLs _ Residential			2.1	42,000	500	24,000	2,900	4,200	2,900
Chapter 62-777, FAC DE-II SCTLs - Industrial / Commercial			12	920,000	2,400	490,000	15,000	22,000	15,000
Chapter 62-777, FAC LSCTLs			***	1,700	1	200	18,000	5,800	11,000

NOTES:

- Concentrations in µg/kg (micrograms per kilogram or parts per billion (ppb)) unless stated otherwise.
- mg/kg = Milligrams per kilogram or parts per million (ppm).
- NS = Sample not analyzed for stated parameter.
- ** = Stated concentration is representative of alpha-chlordane and gamma-chlordane total.
- * = See laboratory analytical report for detailed flag description.
- FAC = Florida Administrative Code.
- DE-I = Direct Exposure-Residential.
- DE-II = Direct Exposure-Commercial.
- SCTLs = Soil Cleanup Target Levels.
- LSCTLs = Leachability SCTLs.
- *** = Leachability values may be derived using the Synthetic Precipitation Leaching Procedure (SPLP) Test to calculate site-specific SCTLs or may be determined using Toxicity Characteristic Leaching Procedure (TCLP). The result has a criteria of 5.0 milligrams per liter (mg/L) in the event oily waste are present.
- **** = No Chapter 62-777, FAC criteria for analyte.
- Equipment blank is a water media analysis, measure in micrograms per liter.
- I = The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
- Bold value indicates detection of an analyte.
- Red lettering indicates results exceed state criteria.

APPENDIX C
**LABORATORY ANALYTICAL REPORT AND CHAIN-OF-
CUSTODY DOCUMENTATION**



ANALYTICAL REPORT

Job Number: 660-3292-1

Job Description: FLM-Melli Site

For:

Professional Service Industries
5801 Benjamin Center Drive
Suite 112
Tampa, FL 33634

Attention: Mr. Mike Bair



Peggy Penner
Project Manager II
ppenner@stl-inc.com
08/02/2005

DOH Certification #: E84282

These test results meet all the requirements of NELAC. All questions regarding this test report should be directed to the STL Project Manager who signed this test report.

The estimated uncertainty associated with these reported results is available upon request.

METHOD SUMMARY

Client: Professional Service Industries

Job Number: 660-3292-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Organochlorine Pesticides by Gas Chromatography	STL-TAM	SW846 8081A	
Separatory Funnel Liquid-Liquid Extraction	STL-TAM		SW846 3510C
Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique	STL-TAM	SW846 8141A	
Continuous Liquid-Liquid Extraction	STL-TAM		SW846 3520C
Chlorinated Herbicides by GC Using Methylation or Pentafluorobenzoylation Derivat	STL-TAM	SW846 8151A	
Chlorinated Herbicides by GC - Aqueous Prep	STL-TAM		SW846 8151A
Inductively Coupled Plasma - Atomic Emission Spectrometry	STL-TAM	SW846 6010B	
Acid Digestion of Waters for Total Recoverable or	STL-TAM		SW846 3005A

LAB REFERENCES:

STL-TAM = STL-Tampa

METHOD REFERENCES:

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



STL

SAMPLE SUMMARY

Client: Professional Service Industries

Job Number: 660-3292-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
660-3292-1	TMW-1	Water	07/21/2005 1552	07/22/2005 0915
660-3292-2	TMW-2	Water	07/21/2005 1753	07/22/2005 0915
660-3292-3	TMW-4	Water	07/21/2005 1820	07/22/2005 0915

Analytical Data

Client: Professional Service Industries

Job Number: 660-3292-1

Client Sample ID: TMW-4

Lab Sample ID: 660-3292-3

Date Sampled: 07/21/2005 1820

Client Matrix: Water

Date Received: 07/22/2005 0915

8081A Organochlorine Pesticides by Gas Chromatography

Method: 8081A
Preparation: 3510C
Dilution: 1.0
Date Analyzed: 07/29/2005 1935
Date Prepared: 07/26/2005 1300

Analysis Batch: 660-11153
Prep Batch: 660-10803

Instrument ID: AGILENT GC ECD/ECD
Lab File ID: 1G29J022.D
Initial Weight/Volume: 900 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
4,4'-DDD	0.0052	U	0.0052	0.11
4,4'-DDE	0.0034	U	0.0034	0.11
4,4'-DDT	0.0047	U	0.0047	0.11
Aldrin	0.00072	U	0.00072	0.056
alpha-BHC	0.00057	U	0.00057	0.056
beta-BHC	0.0070	U	0.0070	0.056
Chlordane (technical)	0.063	U	0.063	0.56
delta-BHC	0.0082	U	0.0082	0.056
Dieldrin	0.00096	U	0.00096	0.11
Endosulfan I	0.0070	U	0.0070	0.056
Endosulfan II	0.0087	U	0.0087	0.11
Endosulfan sulfate	0.0078	U	0.0078	0.11
Endrin	0.0039	U	0.0039	0.11
Endrin aldehyde	0.0056	U	0.0056	0.11
Endrin ketone	0.0060	U	0.0060	0.11
gamma-BHC (Lindane)	0.012	U	0.012	0.056
Heptachlor	0.012	U	0.012	0.056
Heptachlor epoxide	0.0067	U	0.0067	0.056
Methoxychlor	0.0091	U	0.0091	0.56
Toxaphene	0.80	U	0.80	3.3

Surrogate	%Rec	Acceptance Limits
DCB Decachlorobiphenyl	72	30 - 150
Tetrachloro-m-xylene	61	30 - 150

Analytical Data

Client: Professional Service Industries

Job Number: 660-3292-1

Client Sample ID: TMW-1

Lab Sample ID: 660-3292-1

Date Sampled: 07/21/2005 1552

Client Matrix: Water

Date Received: 07/22/2005 0915

8141A Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique

Method:	8141A	Analysis Batch: 660-11082	Instrument ID:	HP 6890 NPD/NPD
Preparation:	3520C	Prep Batch: 660-10885	Lab File ID:	1G28R041.D
Dilution:	1.0		Initial Weight/Volume:	990 mL
Date Analyzed:	07/29/2005 1358		Final Weight/Volume:	2 mL
Date Prepared:	07/27/2005 1700		Injection Volume:	
			Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Azinphos-methyl	0.18	U	0.18	1.0
Bolstar	0.11	U	0.11	1.0
Chlorpyrifos	0.098	U	0.098	1.0
Coumaphos	0.13	U	0.13	1.0
Demeton-O	0.14	U	0.14	2.5
Diazinon	0.091	U	0.091	1.0
Dichlorvos	0.15	U	0.15	2.0
Dimethoate	0.12	U	0.12	2.0
Disulfoton	0.18	U	0.18	2.0
EPN	0.15	U	0.15	1.0
Ethion	0.082	U	0.082	0.51
Fensulfothion	0.11	U	0.11	5.1
Fenthion	0.098	U	0.098	1.0
Malathion	0.085	U	0.085	1.0
Merphos	0.097	U	0.097	1.0
Methyl parathion	0.11	U	0.11	0.51
Mevinphos	0.13	U	0.13	2.0
Monochrotophos	0.33	U	0.33	10
Naled	0.12	U	0.12	5.1
Parathion	0.086	U	0.086	1.0
Phorate	0.087	U	0.087	1.0
Ronnel	0.10	U	0.10	1.0
Stirophos	0.070	U	0.070	1.0
Sulfotepp	0.093	U	0.093	0.51
Tokuthion	0.078	U	0.078	1.0
Trichloronate	0.096	U	0.096	1.0
Ethoprop	0.10	U	0.10	0.51

Surrogate	%Rec	Acceptance Limits
Triphenylphosphate	49	16 - 164

Analytical Data

Client: Professional Service Industries

Job Number: 660-3292-1

Client Sample ID: TMW-2

Lab Sample ID: 660-3292-2

Date Sampled: 07/21/2005 1753

Client Matrix: Water

Date Received: 07/22/2005 0915

8141A Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique

Method:	8141A	Analysis Batch: 660-11082	Instrument ID:	HP 6890 NPD/NPD
Preparation:	3520C	Prep Batch: 660-10885	Lab File ID:	1G28R038.D
Dilution:	1.0		Initial Weight/Volume:	1000 mL
Date Analyzed:	07/29/2005 1012		Final Weight/Volume:	2 mL
Date Prepared:	07/27/2005 1700		Injection Volume:	
			Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Azinphos-methyl	0.18	U	0.18	1.0
Bolstar	0.11	U	0.11	1.0
Chlorpyrifos	0.097	U	0.097	1.0
Coumaphos	0.13	U	0.13	1.0
Demeton-O	0.14	U	0.14	2.5
Diazinon	0.090	U	0.090	1.0
Dichlorvos	0.15	U	0.15	2.0
Dimethoate	0.12	U	0.12	2.0
Disulfoton	0.18	U	0.18	2.0
EPN	0.15	U	0.15	1.0
Ethion	0.081	U	0.081	0.50
Fensulfothion	0.11	U	0.11	5.0
Fenthion	0.097	U	0.097	1.0
Malathion	0.084	U	0.084	1.0
Merphos	0.096	U	0.096	1.0
Methyl parathion	0.11	U	0.11	0.50
Mevinphos	0.13	U	0.13	2.0
Monochrotophos	0.33	U	0.33	10
Naled	0.12	U	0.12	5.0
Parathion	0.085	U	0.085	1.0
Phorate	0.086	U	0.086	1.0
Ronnel	0.10	U	0.10	1.0
Stirophos	0.069	U	0.069	1.0
Sulfotepp	0.092	U	0.092	0.50
Tokuthion	0.077	U	0.077	1.0
Trichloronate	0.095	U	0.095	1.0
Ethoprop	0.10	U	0.10	0.50
Surrogate	%Rec	Acceptance Limits		
Triphenylphosphate	75	16 - 164		

Analytical Data

Client: Professional Service Industries

Job Number: 660-3292-1

Client Sample ID: TMW-4

Lab Sample ID: 660-3292-3
 Client Matrix: Water

Date Sampled: 07/21/2005 1820
 Date Received: 07/22/2005 0915

8141A Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique

Method:	8141A	Analysis Batch: 660-11082	Instrument ID:	HP 6890 NPD/NPD
Preparation:	3520C	Prep Batch: 660-10885	Lab File ID:	1G28R039.D
Dilution:	1.0		Initial Weight/Volume:	995 mL
Date Analyzed:	07/29/2005 1039		Final Weight/Volume:	2 mL
Date Prepared:	07/27/2005 1700		Injection Volume:	
			Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
Azinphos-methyl	0.18	U	0.18	1.0
Bolstar	0.11	U	0.11	1.0
Chlorpyrifos	0.097	U	0.097	1.0
Coumaphos	0.13	U	0.13	1.0
Demeton-O	0.14	U	0.14	2.5
Diazinon	0.090	U	0.090	1.0
Dichlorvos	0.15	U	0.15	2.0
Dimethoate	0.12	U	0.12	2.0
Disulfoton	0.18	U	0.18	2.0
EPN	0.15	U	0.15	1.0
Ethion	0.081	U	0.081	0.50
Fensulfothion	0.11	U	0.11	5.0
Fenthion	0.097	U	0.097	1.0
Malathion	0.084	U	0.084	1.0
Merphos	0.096	U	0.096	1.0
Methyl parathion	0.11	U	0.11	0.50
Mevinphos	0.13	U	0.13	2.0
Monochrotophos	0.33	U	0.33	10
Naled	0.12	U	0.12	5.0
Parathion	0.085	U	0.085	1.0
Phorate	0.086	U	0.086	1.0
Ronnel	0.10	U	0.10	1.0
Stirophos	0.069	U	0.069	1.0
Sulfotepp	0.092	U	0.092	0.50
Tokuthion	0.077	U	0.077	1.0
Trichloronate	0.095	U	0.095	1.0
Ethoprop	0.10	U	0.10	0.50
Surrogate	%Rec	Acceptance Limits		
Triphenylphosphate	59	16 - 164		



STL

Analytical Data

Client: Professional Service Industries

Job Number: 660-3292-1

Client Sample ID: TMW-1

Lab Sample ID: 660-3292-1

Date Sampled: 07/21/2005 1552

Client Matrix: Water

Date Received: 07/22/2005 0915

8151A Chlorinated Herbicides by GC Using Methylation or Pentafluorobenzoylation Derivat

Method: 8151A
Preparation: 8151A
Dilution: 1.0
Date Analyzed: 07/28/2005 0015
Date Prepared: 07/26/2005 1300

Analysis Batch: 660-10911
Prep Batch: 660-10804

Instrument ID: AGILENT GC ECD/ECD
Lab File ID: 1G26J088.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

Table with 5 columns: Analyte, Result (ug/L), Qualifier, MDL, PQL. Rows include 2,4,5-T, 2,4-D, 2,4-DB, Dalapon, Dicamba, Dichlorprop, Dinoseb, MCPA, Pentachlorophenol, Picloram, Mecoprop, Silvex (2,4,5-TP), and Surrogate 2,4-Dichlorophenylacetic acid.



STL

Analytical Data

Client: Professional Service Industries

Job Number: 660-3292-1

Client Sample ID: TMW-2

Lab Sample ID: 660-3292-2

Date Sampled: 07/21/2005 1753

Client Matrix: Water

Date Received: 07/22/2005 0915

8151A Chlorinated Herbicides by GC Using Methylation or Pentafluorobenzoylation Derivat

Method:	8151A	Analysis Batch: 660-10910	Instrument ID:	AGILENT GC ECD/ECD
Preparation:	8151A	Prep Batch: 660-10804	Lab File ID:	1G26J084.D
Dilution:	1.0		Initial Weight/Volume:	1000 mL
Date Analyzed:	07/27/2005 2042		Final Weight/Volume:	10 mL
Date Prepared:	07/26/2005 1300		Injection Volume:	
			Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
2,4,5-T	0.046	U	0.046	0.50
2,4-D	0.36	U	0.36	0.50
2,4-DB	0.31	U	0.31	0.50
Dalapon	0.62	U	0.62	120
Dicamba	0.038	U	0.038	1.2
Dichlorprop	0.43	U	0.43	6.0
Dinoseb	0.42	U	0.42	6.0
MCPA	34	U	34	120
Pentachlorophenol	0.085	U	0.085	1.0
Picloram	0.088	U	0.088	0.50
Mecoprop	35	U	35	120
Silvex (2,4,5-TP)	0.036	U	0.036	0.50
Surrogate	%Rec		Acceptance Limits	
2,4-Dichlorophenylacetic acid	47		33 - 120	

Analytical Data

Client: Professional Service Industries

Job Number: 660-3292-1

Client Sample ID: TMW-4

Lab Sample ID: 660-3292-3

Date Sampled: 07/21/2005 1820

Client Matrix: Water

Date Received: 07/22/2005 0915

8151A Chlorinated Herbicides by GC Using Methylation or Pentafluorobenzylation Derivat

Method:	8151A	Analysis Batch: 660-10910	Instrument ID:	AGILENT GC ECD/ECD
Preparation:	8151A	Prep Batch: 660-10804	Lab File ID:	1G26J085.D
Dilution:	1.0		Initial Weight/Volume:	900 mL
Date Analyzed:	07/27/2005 2100		Final Weight/Volume:	10 mL
Date Prepared:	07/26/2005 1300		Injection Volume:	
			Column ID:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	PQL
2,4,5-T	0.051	U	0.051	0.56
2,4-D	0.40	U	0.40	0.56
2,4-DB	0.34	U	0.34	0.56
Dalapon	0.69	U	0.69	130
Dicamba	0.042	U	0.042	1.3
Dichlorprop	0.48	U	0.48	6.7
Dinoseb	0.47	U	0.47	6.7
MCPA	38	U	38	130
Pentachlorophenol	0.094	U	0.094	1.1
Picloram	0.098	U	0.098	0.56
Mecoprop	39	U	39	130
Silvex (2,4,5-TP)	0.040	U	0.040	0.56
Surrogate	%Rec		Acceptance Limits	
2,4-Dichlorophenylacetic acid	47		33 - 120	



STL

Analytical Data

Client: Professional Service Industries

Job Number: 660-3292-1

Client Sample ID: TMW-1

Lab Sample ID: 660-3292-1
Client Matrix: Water

Date Sampled: 07/21/2005 1552
Date Received: 07/22/2005 0915

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Total Recoverable

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 07/26/2005 0955
Date Prepared: 07/25/2005 1332

Analysis Batch: 660-10811
Prep Batch: 660-10748

Instrument ID: TJA ICP
Lab File ID: 5G26B
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Arsenic	0.0099	I	0.0048	0.010

Analytical Data

Client: Professional Service Industries

Job Number: 660-3292-1

Client Sample ID: TMW-2

Lab Sample ID: 660-3292-2
Client Matrix: Water

Date Sampled: 07/21/2005 1753
Date Received: 07/22/2005 0915

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Total Recoverable

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 07/26/2005 1000
Date Prepared: 07/25/2005 1332

Analysis Batch: 660-10811
Prep Batch: 660-10748

Instrument ID: TJA ICP
Lab File ID: 5G26B
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Arsenic	0.0048	U	0.0048	0.010



STL

Analytical Data

Client: Professional Service Industries

Job Number: 660-3292-1

Client Sample ID: TMW-4

Lab Sample ID: 660-3292-3
Client Matrix: Water

Date Sampled: 07/21/2005 1820
Date Received: 07/22/2005 0915

6010B Inductively Coupled Plasma - Atomic Emission Spectrometry-Total Recoverable

Method: 6010B
Preparation: 3005A
Dilution: 1.0
Date Analyzed: 07/26/2005 1005
Date Prepared: 07/25/2005 1332

Analysis Batch: 660-10811
Prep Batch: 660-10748

Instrument ID: TJA ICP
Lab File ID: 5G26B
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result (mg/L)	Qualifier	MDL	PQL
Arsenic	0.0048	U	0.0048	0.010



DATA REPORTING QUALIFIERS

Client: Professional Service Industries

Job Number: 660-3292-1

Lab Section	Qualifier	Description
GC Semi VOA		
	J1	Estimated value; value may not be accurate. Surrogate recovery limits have been exceeded.
	J3	Estimated value; value may not be accurate. The reported value fails to meet the established quality control criteria for either precision or accuracy.
	U	Indicates that the compound was analyzed for but not detected.
	I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.
Metals		
	U	Indicates that the compound was analyzed for but not detected.
	I	The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit.

QUALITY CONTROL RESULTS

Quality Control Results

Client: Professional Service Industries

Job Number: 660-3292-1

Surrogate Recovery Report
8081A Organochlorine Pesticides by Gas Chromatography
Client Matrix: Water

<u>Lab Sample ID</u>	<u>Client Sample</u>	<u>(DCB 1) (%Rec)</u>	<u>(TCX 1) (%Rec)</u>
660-3292-1	TMW-1	18 J1	30
660-3292-2	TMW-2	80	59
660-3292-3	TMW-4	72	61
LCS 660-10803/2-A	LCS	88	69
LCSD 660-10803/3-A	LCSD	76	61
MB 660-10803/1-A	MB	79	58

<u>Surrogate</u>	<u>Acceptance Limits</u>
(DCB 1) DCB Decachlorobiphenyl	30 - 150
(TCX 1) Tetrachloro-m-xylene	30 - 150

Quality Control Results

Client: Professional Service Industries

Job Number: 660-3292-1

Surrogate Recovery Report

8141A Organophosphorous Compounds by Gas Chromatography, Capillary Column Technique

Client Matrix: Water

<u>Lab Sample ID</u>	<u>Client Sample</u>	<u>(TPP) (%Rec)</u>
660-3292-1	TMW-1	49
660-3292-2	TMW-2	75
660-3292-3	TMW-4	59
LCS 660-10885/2-A	LCS	63
LCSD 660-10885/3-A	LCSD	64
MB 660-10885/1-A	MB	67

<u>Surrogate</u>		<u>Acceptance Limits</u>
(TPP)	Triphenylphosphate	16 - 164

Quality Control Results

Client: Professional Service Industries

Job Number: 660-3292-1

Surrogate Recovery Report

8151A Chlorinated Herbicides by GC Using Methylation or Pentafluorobenzylation Derivat

Client Matrix: Water

<u>Lab Sample ID</u>	<u>Client Sample</u>	<u>(DCPA) (%Rec)</u>
660-3292-1	TMW-1	33
660-3292-2	TMW-2	47
660-3292-3	TMW-4	47
LCS 660-10804/2-A	LCS	53
LCSD 660-10804/3-A	LCSD	56
MB 660-10804/1-A	MB	34

<u>Surrogate</u>	<u>Acceptance Limits</u>
(DCPA) 2,4-Dichlorophenylacetic acid	33 - 120

Quality Control Results

Client: Professional Service Industries

Job Number: 660-3292-1

Method Blank - Batch: 660-10803

Method: 8081A
Preparation: 3510C

Lab Sample ID: MB 660-10803/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/29/2005 1638
Date Prepared: 07/26/2005 1300

Analysis Batch: 660-11153
Prep Batch: 660-10803
Units: ug/L

Instrument ID: AGILENT GC ECD/ECD
Lab File ID: 1G29J013.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	PQL
4,4'-DDD	0.0047	U	0.0047	0.10
4,4'-DDE	0.0031	U	0.0031	0.10
4,4'-DDT	0.0042	U	0.0042	0.10
Aldrin	0.00065	U	0.00065	0.050
alpha-BHC	0.00051	U	0.00051	0.050
beta-BHC	0.0063	U	0.0063	0.050
Chlordane (technical)	0.057	U	0.057	0.50
delta-BHC	0.0074	U	0.0074	0.050
Dieldrin	0.00086	U	0.00086	0.10
Endosulfan I	0.0063	U	0.0063	0.050
Endosulfan II	0.0078	U	0.0078	0.10
Endosulfan sulfate	0.0070	U	0.0070	0.10
Endrin	0.0035	U	0.0035	0.10
Endrin aldehyde	0.0050	U	0.0050	0.10
Endrin ketone	0.0054	U	0.0054	0.10
gamma-BHC (Lindane)	0.011	U	0.011	0.050
Heptachlor	0.011	U	0.011	0.050
Heptachlor epoxide	0.0060	U	0.0060	0.050
Methoxychlor	0.0082	U	0.0082	0.50
Toxaphene	0.72	U	0.72	3.0

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	79	30 - 150
Tetrachloro-m-xylene	58	30 - 150

Calculations are performed before rounding to avoid round-off errors in calculated results.



Quality Control Results

Client: Professional Service Industries

Job Number: 660-3292-1

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-10803

Method: 8081A
Preparation: 3510C

LCS Lab Sample ID: LCS 660-10803/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/29/2005 1658
Date Prepared: 07/26/2005 1300

Analysis Batch: 660-11153
Prep Batch: 660-10803
Units: ug/L

Instrument ID: AGILENT GC ECD/ECD
Lab File ID: 1G29J014.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 660-10803/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/29/2005 1718
Date Prepared: 07/26/2005 1300

Analysis Batch: 660-11153
Prep Batch: 660-10803
Units: ug/L

Instrument ID: AGILENT GC ECD/ECD
Lab File ID: 1G29J015.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
4,4'-DDT	62	54	37 - 150	14	27		
Aldrin	71	65	32 - 120	9	25		
Dieldrin	83	70	40 - 142	16	42		
Endrin	71	60	36 - 137	16	25		
gamma-BHC (Lindane)	77	65	24 - 118	16	26		
Heptachlor	65	57	34 - 114	13	26		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Professional Service Industries

Job Number: 660-3292-1

Method Blank - Batch: 660-10885

Method: 8141A
Preparation: 3520C

Lab Sample ID: MB 660-10885/1-A
 Client Matrix: Water
 Dilution: 1.0
 Date Analyzed: 07/29/2005 0824
 Date Prepared: 07/27/2005 1700

Analysis Batch: 660-11082
 Prep Batch: 660-10885
 Units: ug/L

Instrument ID: HP 6890 NPD/NPD
 Lab File ID: 1G28R034.D
 Initial Weight/Volume: 1000 mL
 Final Weight/Volume: 2 mL
 Injection Volume:
 Column ID: PRIMARY

Analyte	Result	Qual	MDL	PQL
Azinphos-methyl	0.18	U	0.18	1.0
Bolstar	0.11	U	0.11	1.0
Chlorpyrifos	0.097	U	0.097	1.0
Coumaphos	0.13	U	0.13	1.0
Demeton-O	0.14	U	0.14	2.5
Diazinon	0.090	U	0.090	1.0
Dichlorvos	0.15	U	0.15	2.0
Dimethoate	0.12	U	0.12	2.0
Disulfoton	0.18	U	0.18	2.0
EPN	0.15	U	0.15	1.0
Ethion	0.081	U	0.081	0.50
Fensulfothion	0.11	U	0.11	5.0
Fenthion	0.097	U	0.097	1.0
Malathion	0.084	U	0.084	1.0
Merphos	0.096	U	0.096	1.0
Methyl parathion	0.11	U	0.11	0.50
Mevinphos	0.13	U	0.13	2.0
Monochrotophos	0.33	U	0.33	10
Naled	0.12	U	0.12	5.0
Parathion	0.085	U	0.085	1.0
Phorate	0.086	U	0.086	1.0
Ronnel	0.10	U	0.10	1.0
Stirophos	0.069	U	0.069	1.0
Sulfotepp	0.092	U	0.092	0.50
Tokuthion	0.077	U	0.077	1.0
Trichloronate	0.095	U	0.095	1.0
Ethoprop	0.10	U	0.10	0.50

Surrogate	% Rec	Acceptance Limits
Triphenylphosphate	67	16 - 164

Calculations are performed before rounding to avoid round-off errors in calculated results.



STL

Quality Control Results

Client: Professional Service Industries

Job Number: 660-3292-1

**Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-10885**

**Method: 8141A
Preparation: 3520C**

LCS Lab Sample ID: LCS 660-10885/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/29/2005 0851
Date Prepared: 07/27/2005 1700

Analysis Batch: 660-11082
Prep Batch: 660-10885
Units: ug/L

Instrument ID: HP 6890 NPD/NPD
Lab File ID: 1G28R035.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 2 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 660-10885/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/29/2005 0918
Date Prepared: 07/27/2005 1700

Analysis Batch: 660-11082
Prep Batch: 660-10885
Units: ug/L

Instrument ID: HP 6890 NPD/NPD
Lab File ID: 1G28R036.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 2 mL
Injection Volume:
Column ID: PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Diazinon	131	133	37 - 121	2	40	J3	J3
Methyl parathion	98	100	38 - 149	2	40		
Parathion	125	125	28 - 155	0	34		
Ronnel	65	67	30 - 130	3	35		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Professional Service Industries

Job Number: 660-3292-1

Method Blank - Batch: 660-10804

Method: 8151A
Preparation: 8151A

Lab Sample ID: MB 660-10804/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/27/2005 1932
Date Prepared: 07/26/2005 1300

Analysis Batch: 660-10910
Prep Batch: 660-10804
Units: ug/L

Instrument ID: AGILENT GC ECD/ECD
Lab File ID: 1G26J080.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	PQL
2,4,5-T	0.046	U	0.046	0.50
2,4-D	0.36	U	0.36	0.50
2,4-DB	0.31	U	0.31	0.50
Dalapon	0.62	U	0.62	120
Dicamba	0.038	U	0.038	1.2
Dichlorprop	0.43	U	0.43	6.0
Dinoseb	0.42	U	0.42	6.0
MCPA	34	U	34	120
Pentachlorophenol	0.085	U	0.085	1.0
Picloram	0.088	U	0.088	0.50
Mecoprop	35	U	35	120
Silvex (2,4,5-TP)	0.036	U	0.036	0.50

Surrogate	% Rec	Acceptance Limits
2,4-Dichlorophenylacetic acid	34	33 - 120

**Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-10804**

Method: 8151A
Preparation: 8151A

LCS Lab Sample ID: LCS 660-10804/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/27/2005 1950
Date Prepared: 07/26/2005 1300

Analysis Batch: 660-10910
Prep Batch: 660-10804
Units: ug/L

Instrument ID: AGILENT GC ECD/ECD
Lab File ID: 1G26J081.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

LCSD Lab Sample ID: LCSD 660-10804/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/27/2005 2007
Date Prepared: 07/26/2005 1300

Analysis Batch: 660-10910
Prep Batch: 660-10804
Units: ug/L

Instrument ID: AGILENT GC ECD/ECD
Lab File ID: 1G26J082.D
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
2,4,5-T	50	57	15 - 155	12	48		
2,4-D	54	61	10 - 166	12	78		
Silvex (2,4,5-TP)	52	58	25 - 139	12	66		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quality Control Results

Client: Professional Service Industries

Job Number: 660-3292-1

Method Blank - Batch: 660-10748

Method: 6010B
Preparation: 3005A
Total Recoverable

Lab Sample ID: MB 660-10748/1-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/26/2005 0851
Date Prepared: 07/25/2005 1332

Analysis Batch: 660-10811
Prep Batch: 660-10748
Units: mg/L

Instrument ID: TJA ICP
Lab File ID: 5G26B
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	PQL
Arsenic	0.0048	U	0.0048	0.010

Laboratory Control/
Laboratory Control Duplicate Recovery Report - Batch: 660-10748

Method: 6010B
Preparation: 3005A
Total Recoverable

LCS Lab Sample ID: LCS 660-10748/2-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/26/2005 0857
Date Prepared: 07/25/2005 1332

Analysis Batch: 660-10811
Prep Batch: 660-10748
Units: mg/L

Instrument ID: TJA ICP
Lab File ID: 5G26B
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

LCSD Lab Sample ID: LCSD 660-10748/3-A
Client Matrix: Water
Dilution: 1.0
Date Analyzed: 07/26/2005 0901
Date Prepared: 07/25/2005 1332

Analysis Batch: 660-10811
Prep Batch: 660-10748
Units: mg/L

Instrument ID: TJA ICP
Lab File ID: 5G26B
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
Arsenic	99	100	75 - 125	0	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.



STL

Quality Control Results

Client: Professional Service Industries

Job Number: 660-3292-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 660-10748**

**Method: 6010B
Preparation: 3005A
Total Recoverable**

MS Lab Sample ID: 660-3289-A-2-E MS*R Analysis Batch: 660-10811
Client Matrix: Water Prep Batch: 660-10748
Dilution: 1.0
Date Analyzed: 07/26/2005 0915
Date Prepared: 07/25/2005 1332

Instrument ID: TJA ICP
Lab File ID: 5G26B
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

MSD Lab Sample ID: 660-3289-A-2-F MSD*R Analysis Batch: 660-10811
Client Matrix: Water Prep Batch: 660-10748
Dilution: 1.0
Date Analyzed: 07/26/2005 0919
Date Prepared: 07/25/2005 1332

Instrument ID: TJA ICP
Lab File ID: 5G26B
Initial Weight/Volume: 50 mL
Final Weight/Volume: 50 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Arsenic	101	102	75 - 125	1	20		

Calculations are performed before rounding to avoid round-off errors in calculated results.

Serial Number 24477

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

STL Tampa
6712 Benjamin Road, Suite 100
Tampa, FL 33634

Website: www.stl-inc.com
Phone: (813) 885-7427
Fax: (813) 885-7049

3292

Alternate Laboratory Name/Location

Phone:
Fax:

SEVERN
TRENT

STL

PROJECT REFERENCE FLM-Melli Site	PROJECT NO. 552 5E043	PROJECT LOCATION (STATE) FL	MATRIX TYPE	REQUIRED ANALYSIS	PAGE 1	OF 1
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SAMPLER'S SIGNATURE <i>Jason W. Atwell</i>	P.O. NUMBER	CONTRACT NO.	COMPOSITE (C) OR GRAB (G) INDICATE AQUEOUS (WATER) SOLID OR SEMISOLID AIR NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	1	1	1808	8141	8151	AS 6010	STANDARD REPORT DELIVERY DATE DUE	<input type="radio"/>
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CLIENT (SITE) PM AS I	CLIENT PHONE 813 886 1075	CLIENT FAX	EXPEDITED REPORT DELIVERY (SURCHARGE) DATE DUE	<input type="radio"/>
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CLIENT NAME Mike Bair	CLIENT E-MAIL michael.bair@psusa.com	NUMBER OF COOLERS SUBMITTED PER SHIPMENT:	
--------------------------	-----------------------------------------	-------------------------------------------	--

CLIENT ADDRESS 5801 Benjamin Center Dr. Suite 112 Tampa, FL	COMPANY CONTRACTING THIS WORK (if applicable)	REMARKS
----------------------------------------------------------------	-----------------------------------------------	---------

SAMPLE	SAMPLE IDENTIFICATION	NUMBER OF CONTAINERS SUBMITTED	REMARKS
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DATE	TIME	SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT, ...)	NUMBER OF CONTAINERS SUBMITTED				REMARKS
7/21/05	3:52	TMW-1	X					2	2	2	1	
7/21/05	5:53	TMW-2	X					2	2	2	1	
7/21/05	6:20	TMW-4	X					2	2	2	1	

RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE 7/22/05	TIME 090	RELINQUISHED BY: (SIGNATURE) <i>[Signature]</i>	DATE 7/22/05	TIME 8:19	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE) <i>[Signature]</i>	DATE 7-22-05	TIME 0903	RECEIVED BY: (SIGNATURE)	DATE	TIME
EMPTY CONTAINERS								

LABORATORY USE ONLY				STL-TAMPA LOG NO.	LABORATORY REMARKS
RECEIVED FOR LABORATORY BY: <i>[Signature]</i>	DATE: 7/22/05	TIME: 0915	CUSTODY INTACT: YES <input type="radio"/> NO <input type="radio"/>	STL-TAMPA SEAL NO: 3292	

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ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD



STL Tampa
 Website: www.stl-inc.com
 6712 Benjamin Road, Suite 100
 Tampa, FL 33634
 Phone: (813) 885-7427
 Fax: (813) 885-7049 **3292**

Alternate Laboratory Name/Location
 Phone:
 Fax:

PROJECT REFERENCE FLM-melli Site	PROJECT NO. 552 5E093	PROJECT LOCATION (STATE) FL	MATRIX TYPE	REQUIRED ANALYSIS										PAGE 1	OF 1				
SAMPLER'S SIGNATURE <i>James W. Atwater</i>	P.O. NUMBER	CONTRACT NO.	COMPOSITE (C) OR GRAB (G) INDICATE AQUEOUS (WATER) SOLID OR SEMISOLID AIR NONAQUEOUS LIQUID (OIL, SOLVENT,...)	8081	8141	8151	AS 6010	1	1	1	1	1	1	1	1	1	1	STANDARD REPORT DELIVERY <input type="radio"/>	DATE DUE _____
CLIENT (SITE) PM AS I	CLIENT PHONE 813 886 1075	CLIENT FAX																EXPEDITED REPORT DELIVERY (SURCHARGE) <input type="radio"/>	DATE DUE _____
CLIENT NAME Mike Bair	CLIENT E-MAIL michael.bair@psusa.com																	NUMBER OF COOLERS SUBMITTED PER SHIPMENT:	
CLIENT ADDRESS 5801 Benjamin Center Dr. Suite 112 Tampa, FL	COMPANY CONTRACTING THIS WORK (if applicable)																		

SAMPLE		SAMPLE IDENTIFICATION	COMPOSITE (C) OR GRAB (G) INDICATE	AQUEOUS (WATER)	SOLID OR SEMISOLID	AIR	NONAQUEOUS LIQUID (OIL, SOLVENT,...)	NUMBER OF CONTAINERS SUBMITTED										REMARKS	
DATE	TIME							1	2	3	4	5	6	7	8	9	10		11
7/21/05	3:52	TMW-1	X					2	2	2	1								
7/21/05	5:53	TMW-2	X					2	2	2	1								
7/21/05	6:20	TMW-4	X					2	2	2	1								

RELINQUISHED BY: (SIGNATURE) <i>James W. Atwater</i>	DATE 7/22/05	TIME 09:30	RELINQUISHED BY: (SIGNATURE) <i>James W. Atwater</i>	DATE 7/22/05	TIME 8:19	RELINQUISHED BY: (SIGNATURE)	DATE	TIME
RECEIVED BY: (SIGNATURE) <i>Michael C. Bair</i>	DATE 7/22/05	TIME 0903	RECEIVED BY: (SIGNATURE)	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME

RECEIVED FOR LABORATORY BY: (SIGNATURE) <i>V. R. ...</i>	DATE 7/22/05	TIME 0915	CUSTODY INTACT YES <input type="radio"/> NO <input type="radio"/>	CUSTODY SEAL NO.	STL TAMPA LOG NO. 3292	LABORATORY REMARKS
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