



**Life Science Laboratories, Inc.**

5000 Brittonfield Parkway, Suite 200  
East Syracuse, NY 13057

(315) 437-0200

Friday, May 22, 2009

Ms. Judy Graham  
EA Engineering Science and Technology  
6712 Brooklawn Parkway, Suite 104  
Syracuse, NY 13211-2158

TEL:

Project: TRACT II

RE: Analytical Results

Order No.: 0905009

Dear Ms. Judy Graham:

Life Science Laboratories, Inc. received 9 sample(s) on 5/1/2009 for the analyses presented in the following report. Sample results relate only to the samples as received by the laboratory.

Very truly yours,  
Life Science Laboratories, Inc.

Anthony Crescenzi  
Project Manager



# Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200

East Syracuse, NY 13057

(315) 437-0200

# Analytical Results

StateCertNo: 10155

**CLIENT:** EA Engineering Science and Technology

**Project:** Tract II

**W Order:** 0905009

**Matrix:** SOIL

**Inst. ID:** ICAP 61E

**ColumnID:**

**Revision:** 05/18/09 14:12

**Col Type:**

**Sample Size:** 10 mL

**%Moisture:**

**TestCode:** TCLPICP

**Lab ID:** 0905009-001A

**Client Sample ID:** 9-32-136-TP-07-0309-(0-2)

**Collection Date:** 03/31/09 9:15

**Date Received:** 05/01/09 16:00

**PrepDate:** 05/14/09 0:00

**BatchNo:** 9426/R17368

**FileID:** 1-SAMP-105855

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TCLP METALS BY ICP					SW6010B		(SW3010A)
Lead	4.2		0.50	0.020	mg/L	1	05/15/09 14:06

Qualifiers:		
*	Value exceeds Maximum Contaminant Level	B Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S Spike Recovery outside accepted recovery limits

Print Date: 05/18/09 14:16

448931

Project Supervisor: Anthony Crescenzi



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## Analytical Results

StateCertNo: 10155

**CLIENT:** EA Engineering Science and Technology  
**Project:** Tract II  
**W Order:** 0905009  
**Matrix:** SOIL  
**Inst. ID:** ICAP 61E      **Sample Size:** 10 mL  
**ColumnID:**              **%Moisture:**  
**Revision:** 05/18/09 14:12      **TestCode:** TCLPICP  
**Col Type:**

**Lab ID:** 0905009-002A  
**Client Sample ID:** 9-32-136-TP-11-0309-(0-2)  
**Collection Date:** 03/31/09 11:15  
**Date Received:** 05/01/09 16:00  
**PrepDate:** 05/14/09 0:00  
**BatchNo:** 9426/R17368  
**FileID:** 1-SAMP-105861

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TCLP METALS BY ICP					SW6010B		(SW3010A)
Lead	150	0.50		0.020	mg/L	1	05/15/09 14:28

**Qualifiers:**

\* Value exceeds Maximum Contaminant Level  
 E Value exceeds the instrument calibration range  
 J Analyte detected below the PQL  
 P Prim./Conf. column %D or RPD exceeds limit

B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 ND Not Detected at the Practical Quantitation Limit (PQL)  
 S Spike Recovery outside accepted recovery limits

Print Date: 05/18/09 14:16

448937

Project Supervisor: Anthony Crescenzi



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# Analytical Results

StateCertNo: 10155

<b>CLIENT:</b> EA Engineering Science and Technology	<b>Lab ID:</b> 0905009-003A
<b>Project:</b> Tract II	<b>Client Sample ID:</b> 9-32-136-TP-13-0309-(0-2)
<b>W Order:</b> 0905009	<b>Collection Date:</b> 03/31/09 13:15
<b>Matrix:</b> SOIL	<b>Date Received:</b> 05/01/09 16:00
<b>Inst. ID:</b> ICAP 61E	<b>Sample Size:</b> 10 mL
<b>ColumnID:</b>	<b>%Moisture:</b>
<b>Revision:</b> 05/18/09 14:12	<b>TestCode:</b> TCLPICP
<b>Col Type:</b>	<b>PrepDate:</b> 05/14/09 0:00
	<b>BatchNo:</b> 9426/R17368
	<b>FileID:</b> 1-SAMP-105862

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TCLP METALS BY ICP					SW6010B		(SW3010A)
Lead	86	0.50		0.020	mg/L	1	05/15/09 14:31

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level	B Analyte detected in the associated Method Blank
	E Value exceeds the instrument calibration range	H Holding times for preparation or analysis exceeded
	J Analyte detected below the PQL	ND Not Detected at the Practical Quantitation Limit (PQL)
	P Prim./Conf. column %D or RPD exceeds limit	S Spike Recovery outside accepted recovery limits



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## Analytical Results

StateCertNo: 10155

CLIENT: EA Engineering Science and Technology

Project: Tract II

W Order: 0905009

Matrix: SOIL

Inst. ID: ICAP 61E

ColumnID:

Revision: 05/18/09 14:12

Col Type:

Sample Size: 10 mL

%Moisture:

TestCode: TCLPICP

Lab ID: 0905009-004A

Client Sample ID: 9-32-136-TP-14-0309-(0-2)

Collection Date: 03/31/09 12:45

Date Received: 05/01/09 16:00

PrepDate: 05/14/09 0:00

BatchNo: 9426/R17368

FileID: 1-SAMP-105863

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TCLP METALS BY ICP					SW6010B		(SW3010A)
Lead	93	0.50		0.020	mg/L	1	05/15/09 14:35

### Qualifiers:

- \* Value exceeds Maximum Contaminant Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
- S Spike Recovery outside accepted recovery limits

Print Date: 05/18/09 14:16

448939

Project Supervisor: Anthony Crescenzi



# Life Science Laboratories, Inc.

5000 Brittonfield Parkway, Suite 200  
East Syracuse, NY 13057 (315) 437-0200

## Analytical Results

StateCertNo: 10155

<b>CLIENT:</b> EA Engineering Science and Technology	<b>Lab ID:</b> 0905009-005A
<b>Project:</b> Tract II	<b>Client Sample ID:</b> 9-32-136-TP-16-0309-(0-2)
<b>W Order:</b> 0905009	<b>Collection Date:</b> 03/31/09 13:45
<b>Matrix:</b> SOIL	<b>Date Received:</b> 05/01/09 16:00
<b>Inst. ID:</b> ICAP 61E	<b>Sample Size:</b> 10 mL
<b>ColumnID:</b>	<b>%Moisture:</b>
<b>Revision:</b> 05/18/09 14:12	<b>TestCode:</b> TCLPICP
<b>Col Type:</b>	<b>PrepDate:</b> 05/14/09 0:00
	<b>BatchNo:</b> 9426/R17368
	<b>FileID:</b> 1-SAMP-105864

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TCLP METALS BY ICP					SW6010B		(SW3010A)
Lead	700	0.50		0.020	mg/L	1	05/15/09 14:38

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level	B Analyte detected in the associated Method Blank
	E Value exceeds the instrument calibration range	H Holding times for preparation or analysis exceeded
	J Analyte detected below the PQL	ND Not Detected at the Practical Quantitation Limit (PQL)
	P Prim./Conf. column %D or RPD exceeds limit	S Spike Recovery outside accepted recovery limits



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## Analytical Results

StateCertNo: 10155

**CLIENT:** EA Engineering Science and Technology  
**Project:** Tract II  
**W Order:** 0905009  
**Matrix:** SOIL  
**Inst. ID:** ICAP 61E      **Sample Size:** 10 mL  
**ColumnID:**              **%Moisture:**  
**Revision:** 05/18/09 14:12      **TestCode:** TCLPICP  
**Col Type:**

**Lab ID:** 0905009-006A  
**Client Sample ID:** 9-32-136-TP-17-0309-(0-2)  
**Collection Date:** 03/31/09 14:10  
**Date Received:** 05/01/09 16:00  
**PrepDate:** 05/14/09 0:00  
**BatchNo:** 9426/R17368  
**FileID:** 1-SAMP-105865

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TCLP METALS BY ICP					SW6010B		(SW3010A)
Lead	450		0.50	0.020	mg/L	1	05/15/09 14:42

**Qualifiers:** \* Value exceeds Maximum Contaminant Level      B Analyte detected in the associated Method Blank  
 E Value exceeds the instrument calibration range      H Holding times for preparation or analysis exceeded  
 J Analyte detected below the PQL      ND Not Detected at the Practical Quantitation Limit (PQL)  
 P Prim./Conf. column %D or RPD exceeds limit      S Spike Recovery outside accepted recovery limits

Print Date: 05/18/09 14:16

448941

Project Supervisor: Anthony Crescenzi



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# Analytical Results

StateCertNo: 10155

**CLIENT:** EA Engineering Science and Technology  
**Project:** Tract II  
**W Order:** 0905009  
**Matrix:** SOIL  
**Inst. ID:** ICAP 61E      **Sample Size:** 10 mL  
**ColumnID:**              **%Moisture:**  
**Revision:** 05/18/09 14:12      **TestCode:** TCLPICP  
**Col Type:**

**Lab ID:** 0905009-007A  
**Client Sample ID:** 9-32-136-TP-19-0309-(0-2)  
**Collection Date:** 03/31/09 15:30  
**Date Received:** 05/01/09 16:00  
**PrepDate:** 05/14/09 0:00  
**BatchNo:** 9426/R17368  
**FileID:** 1-SAMP-105866

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TCLP METALS BY ICP					SW6010B		(SW3010A)
Lead	12		0.50	0.020	mg/L	1	05/15/09 14:45

**Qualifiers:** \* Value exceeds Maximum Contaminant Level      B Analyte detected in the associated Method Blank  
 E Value exceeds the instrument calibration range      H Holding times for preparation or analysis exceeded  
 J Analyte detected below the PQL      ND Not Detected at the Practical Quantitation Limit (PQL)  
 P Prim./Conf. column %D or RPD exceeds limit      S Spike Recovery outside accepted recovery limits

Print Date: 05/18/09 14:16

448942

Project Supervisor: Anthony Crescenzi





# Life Science Laboratories, Inc.

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East Syracuse, NY 13057 (315) 437-0200

# Analytical Results

StateCertNo: 10155

<b>CLIENT:</b> EA Engineering Science and Technology	<b>Lab ID:</b> 0905009-008A
<b>Project:</b> Tract II	<b>Client Sample ID:</b> 9-32-136-TP-21-0309-(0-2)
<b>W Order:</b> 0905009	<b>Collection Date:</b> 03/31/09 15:00
<b>Matrix:</b> SOIL	<b>Date Received:</b> 05/01/09 16:00
<b>Inst. ID:</b> ICAP 61E	<b>Sample Size:</b> 10 mL
<b>ColumnID:</b>	<b>%Moisture:</b>
<b>Revision:</b> 05/18/09 14:12	<b>TestCode:</b> TCLPICP
<b>Col Type:</b>	<b>PrepDate:</b> 05/14/09 0:00
	<b>BatchNo:</b> 9426/R17368
	<b>FileID:</b> 1-SAMP-105867

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TCLP METALS BY ICP					SW6010B		(SW3010A)
Lead	74	0.50		0.020	mg/L	1	05/15/09 14:49

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level	B Analyte detected in the associated Method Blank
	E Value exceeds the instrument calibration range	H Holding times for preparation or analysis exceeded
	J Analyte detected below the PQL	ND Not Detected at the Practical Quantitation Limit (PQL)
	P Prim./Conf. column %D or RPD exceeds limit	S Spike Recovery outside accepted recovery limits



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## Analytical Results

StateCertNo: 10155

<b>CLIENT:</b> EA Engineering Science and Technology	<b>Lab ID:</b> 0905009-009A
<b>Project:</b> Tract II	<b>Client Sample ID:</b> 9-32-136-TP-24-0309-(0-2)
<b>W Order:</b> 0905009	<b>Collection Date:</b> 03/31/09 16:10
<b>Matrix:</b> SOIL	<b>Date Received:</b> 05/01/09 16:00
<b>Inst. ID:</b> ICAP 61E	<b>Sample Size:</b> 10 mL
<b>ColumnID:</b>	<b>%Moisture:</b>
<b>Revision:</b> 05/18/09 14:12	<b>TestCode:</b> TCLPICP
<b>Col Type:</b>	<b>PrepDate:</b> 05/14/09 0:00
	<b>BatchNo:</b> 9426/R17368
	<b>FileID:</b> 1-SAMP-105868

Analyte	Result	Qual	PQL	MDL	Units	DF	Date Analyzed
TCLP METALS BY ICP					SW6010B		(SW3010A)
Lead	3.4	0.50		0.020	mg/L	1	05/15/09 14:52

**Qualifiers:**

- |  |   |
|--|---|
| * Value exceeds Maximum Contaminant Level        | B Analyte detected in the associated Method Blank         |
| E Value exceeds the instrument calibration range | H Holding times for preparation or analysis exceeded      |
| J Analyte detected below the PQL                 | ND Not Detected at the Practical Quantitation Limit (PQL) |
| P Prim./Conf. column %D or RPD exceeds limit     | S Spike Recovery outside accepted recovery limits         |

Print Date: 05/18/09 14:16

448944

Project Supervisor: Anthony Crescenzi

**Life Science Laboratories, Inc.**

**Sample Receipt Checklist**

Client Name: EA

Date and Time Received: 5/1/2009 4:00:00 PM

Work Order Number: 0905009

Received by: ads

Checklist completed by:

Initials

Date

5/4/09

Reviewed by:

Initials

Date

5-4-09

**Delivery Method:**

- |   |   |                             |  |
|---|---|-----------------------------|--|
| Shipping container/cooler in good condition?            | Yes <input type="checkbox"/>            | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/>            |
| Custody seals intact on shipping container/cooler?      | Yes <input type="checkbox"/>            | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/>            |
| Custody seals intact on sample bottles?                 | Yes <input type="checkbox"/>            | No <input type="checkbox"/> | Not Applicable <input checked="" type="checkbox"/>         |
| Chain of custody present?                               | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |  |
| Chain of custody signed when relinquished and received? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |  |
| Chain of custody agrees with sample labels?             | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |  |
| Samples in proper container/bottle?                     | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |  |
| Sample containers intact?                               | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |  |
| Sufficient sample volume for indicated test?            | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |  |
| All samples received within holding time?               | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |  |
| Container/Temp Blank temperature in compliance?         | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |  |
| Water - VOA vials have zero headspace?                  | Yes <input type="checkbox"/>            | No <input type="checkbox"/> | No VOA vials submitted <input checked="" type="checkbox"/> |
| Water - pH acceptable upon receipt?                     | Yes <input type="checkbox"/>            | No <input type="checkbox"/> | Not Applicable <input checked="" type="checkbox"/>         |

**Comments:**

Samples were originally received 4/3/09, 10:30 and logged in as 0904022.

**Corrective Action:**

**Pam Titus**

**From:** Graham, Judith [jgraham@eaest.com]  
**Sent:** Friday, May 01, 2009 8:56 AM  
**To:** Anthony Crescenzi; Pam Titus  
**Subject:** Tract II analytical data

Hi Tony/Pam

Please disregard the last list I sent for TCLP analysis. Please run the samples listed below for TCLP lead. Sorry for the confusion. Give me a call on my cell to confirm.

Thanks,  
Judy

Sample ID – Lab ID:

- 9-32-136-TP-07-0309-(0-2) – 0904022-005A
- 9-32-136-TP-11-0309-(0-2) – 0904022-009A
- 9-32-136-TP-13-0309-(0-2) – 0904022-011A
- 9-32-136-TP-14-0309-(0-2) – 0904022-012A
- 9-32-136-TP-16-0309-(0-2) – 0904022-014A
- 9-32-136-TP-17-0309-(0-2) – 0904022-015A
- 9-32-136-TP-19-0309-(0-2) – 0904022-017A
- 9-32-136-TP-21-0309-(0-2) – 0904022-019A
- 9-32-136-TP-24-0309-(0-2) – 0904022-022A

Judith A. Graham  
Geologist/Project Manager  
EA Science and Technology  
6712 Brooklawn Parkway, Suite 104  
Syracuse, NY 13211

Phone: (315) 431-4610  
Cell: (315) 345-9336

5/1/09

Doc -  
I did not quote a price other than to say that "Pb only" would be less than full TCLP metals.