



November 4, 2011

Mr. John C. Grathwol, P.E.

Remedial Bureau B - Div of Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway
Albany, NY 12233-7016

RE: Former Accurate Die Casting Site
Fayetteville, New York
FILE: 3902.45845 Corres

Dear Mr. Grathwol:

This letter presents the status of groundwater treatment plant operations for the former Accurate Die Casting site in Fayetteville, New York for the third quarter of 2011 (July 1 through September 30). This information is provided as required by the Order on Consent (#A7-0318-94-10). Included are the results of the monitoring activities associated with the SPDES Fact Sheet for the groundwater treatment system.

OPERATION STATUS & ACTIVITIES COMPLETED

As of September 30, 2011, a total of 93,783,160 gallons of groundwater has been treated since startup on February 5, 1996. Since June 1, 2011 (see note below), 1,533,570 gallons of groundwater have been treated: 513,870 gallons from recovery well RW-1; 1,018,870 gallons from recovery well RW-2; and 830 gallons from the sump located outside the northeast corner of the building. No groundwater was collected from the collection trench constructed in the former VOC/PAH/PCB Soils Area.

(Note: The quarterly report dated August 2, 2011 indicated in error that the total of groundwater recovered as of June 30, 2011 was 92,249,590 gallons, but that is the amount recorded as of June 1, 2011. As such, the volumes reported in the August 2, 2011 letter are for the period between April 1 and June 1, 2011 rather than April 1 to June 30, 2011.)

O'Brien & Gere performed the sampling activities associated with the SPDES Fact Sheet (#734052). The analytical results associated with the SPDES Fact Sheet monitoring activities performed during July, August, and September 2011 are summarized in Table 1. The effluent during the period complied with the SPDES discharge limits. The laboratory analytical data sheets are provided as Attachment A.

ACTIVITIES SCHEDULED

Continue operation of the groundwater recovery and treatment system including SPDES monitoring, and conduct the annual groundwater monitoring well sampling.

Mr. John C. Grathwol, P.E.
November 4, 2011
Page 2

If you have any questions regarding this report, please do not hesitate to call me at (315) 956-6100.

Very truly yours,
O'BRIEN & GERE ENGINEERS, INC.



Alfred R. Farrell, P.E.
Project Associate

Attachments

cc: T. Slutzky – The Anderson Company
T. Olmsted – ITT Corporation
S. Roland – O'Brien & Gere
J. Sutphen – O'Brien & Gere, Office of General Counsel



Life Science Laboratories, Inc.

5854 Butternut Drive
East Syracuse, NY 13057

(315) 445-1105

Thursday, July 21, 2011

Mr. Al Farrell
O'Brien & Gere Engineers, Inc.
333 W. Washington St.
P.O. Box 4873
Syracuse, NY 13221-4873

TEL: 315-956-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results

Order No.: K1107034

Dear Mr. Al Farrell:

Life Science Laboratories, Inc. received 5 sample(s) on 7/7/2011 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.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1105

Analytical Results

StateCertNo: 10248

CLIENT O'Brien & Gere Engineers, Inc.

Project: Former Accurate Die Cast

W Order: K1107034

Matrix: WATER

Inst. ID: MS01_11

Sample Size 10 mL

ColumnID: Rtx-VMS

%Moisture:

Revision: 07/08/11 8:54

TestCode 8260W

Lab ID: K1107034-001A

Client Sample ID: WTP Influent Grab 7/7/11

Collection Date: 07/07/11 9:30

Date Received: 07/07/11 10:12

PrepDate:

BatchNo: R22135

FileID: 1-SAMP-T2181.D

Col Type:

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260B		
1,1,2,2-Tetrachloroethane	ND		10.0	µg/L	20	07/07/11 17:48
cis-1,2-Dichloroethene	ND		10.0	µg/L	20	07/07/11 17:48
Methylene chloride	ND		40.0	µg/L	20	07/07/11 17:48
Tetrachloroethene	ND		10.0	µg/L	20	07/07/11 17:48
Toluene	ND		10.0	µg/L	20	07/07/11 17:48
trans-1,2-Dichloroethene	ND		10.0	µg/L	20	07/07/11 17:48
Trichloroethene	513		10.0	µg/L	20	07/07/11 17:48
Surr: 1,2-Dichloroethane-d4	117		75-128	%REC	20	07/07/11 17:48
Surr: 4-Bromofluorobenzene	96		75-125	%REC	20	07/07/11 17:48
Surr: Toluene-d8	100		75-125	%REC	20	07/07/11 17:48

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



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1105

Analytical Results

StateCertNo: 10248

CLIENT O'Brien & Gere Engineers, Inc.

Project: Former Accurate Die Cast

W Order: K1107034

Matrix: WATER

Inst. ID: MS01_11

Sample Size 10 mL

ColumnID: Rtx-VMS

%Moisture:

Revision: 07/08/11 8:54

TestCode 8260W

Lab ID: K1107034-002A

Client Sample ID: WTP Between Carbon Grab 7/

Collection Date: 07/07/11 9:30

Date Received: 07/07/11 10:12

PrepDate:

BatchNo: R22135

FileID: 1-SAMP-T2182.D

Col Type:

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260B		
1,1,2,2-Tetrachloroethane	ND		0.50	µg/L	1	07/07/11 18:21
cis-1,2-Dichloroethene	1.39		0.50	µg/L	1	07/07/11 18:21
Methylene chloride	ND		2.00	µg/L	1	07/07/11 18:21
Tetrachloroethene	ND		0.50	µg/L	1	07/07/11 18:21
Toluene	ND		0.50	µg/L	1	07/07/11 18:21
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	07/07/11 18:21
Trichloroethene	8.03		0.50	µg/L	1	07/07/11 18:21
Surr: 1,2-Dichloroethane-d4	116		75-128	%REC	1	07/07/11 18:21
Surr: 4-Bromofluorobenzene	95		75-125	%REC	1	07/07/11 18:21
Surr: Toluene-d8	99		75-125	%REC	1	07/07/11 18:21

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



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1105

Analytical Results

StateCertNo: 10248

CLIENT O'Brien & Gere Engineers, Inc.

Project: Former Accurate Die Cast

W Order: K1107034

Matrix: WATER

Inst. ID: MS01_11

Sample Size 10 mL

ColumnID: Rtx-VMS

%Moisture:

Revision: 07/08/11 8:54

TestCode 8260W

Lab ID: K1107034-003A

Client Sample ID: WTP Effluent Grab 7/7/11

Collection Date: 07/07/11 9:30

Date Received: 07/07/11 10:12

PrepDate:

BatchNo: R22135

FileID: 1-SAMP-T2183.D

Col Type:

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260B		
1,1,2,2-Tetrachloroethane	ND		0.50	µg/L	1	07/07/11 18:54
cis-1,2-Dichloroethene	ND		0.50	µg/L	1	07/07/11 18:54
Methylene chloride	ND		2.00	µg/L	1	07/07/11 18:54
Tetrachloroethene	ND		0.50	µg/L	1	07/07/11 18:54
Toluene	ND		0.50	µg/L	1	07/07/11 18:54
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	07/07/11 18:54
Trichloroethene	ND		0.50	µg/L	1	07/07/11 18:54
Surr: 1,2-Dichloroethane-d4	120		75-128	%REC	1	07/07/11 18:54
Surr: 4-Bromofluorobenzene	94		75-125	%REC	1	07/07/11 18:54
Surr: Toluene-d8	98		75-125	%REC	1	07/07/11 18:54

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



Life Science Laboratories, Inc.
 5854 Butternut Drive
 East Syracuse, NY 13057 (315) 445-1105

Analytical Results

StateCertNo: 10248

CLIENT: O'Brien & Gere Engineers, Inc.
Project: Former Accurate Die Cast
W Order: K1107034
Matrix: WATER

Lab ID: K1107034-004A
Client Sample ID: WTP Effluent Comp7/7/11
Collection Date: 07/07/11 9:30
Date Received: 07/07/11 10:12

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
MERCURY			EPA 245.1	(E245.1)	
Mercury	ND		0.00020 mg/L	1	07/13/11 17:18
TOTAL METALS BY ICP			EPA 200.7	(E200.2)	
Zinc	ND		0.020 mg/L	1	07/12/11 17:30

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



Life Science Laboratories, Inc.
 5854 Butternut Drive
 East Syracuse, NY 13057 (315) 445-1105

Analytical Results

StateCertNo: 10248

CLIENT O'Brien & Gere Engineers, Inc.
Project: Former Accurate Die Cast
W Order: K1107034
Matrix: WATER

Lab ID: K1107034-004B
Client Sample ID: WTP Effluent Comp 7/7/11
Collection Date: 07/07/11 9:30
Date Received: 07/07/11 10:12

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
RESIDUE-FILTERABLE (TDS)			SM 18-20 2540 C			
Residue-filterable (TDS)	740		10	mg/L	1	07/14/11 10:00
RESIDUE-NON-FILTERABLE (TSS)			SM 18-20 2540 D			
Residue-non-filterable (TSS)	ND		5.0	mg/L	1	07/11/11 14:00

- 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



Life Science Laboratories, Inc.
 5854 Butternut Drive
 East Syracuse, NY 13057 (315) 445-1105

Analytical Results

StateCertNo: 10248

CLIENT: O'Brien & Gere Engineers, Inc.
Project: Former Accurate Die Cast
W Order: K1107034
Matrix: WATER

Lab ID: K1107034-005A
Client Sample ID: WTP Influent Comp 7/7/11
Collection Date: 07/07/11 9:30
Date Received: 07/07/11 10:12

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
MERCURY			EPA 245.1	(E245.1)	
Mercury	ND		0.00020 mg/L	1	07/13/11 17:28
TOTAL METALS BY ICP			EPA 200.7	(E200.2)	
Zinc	ND		0.020 mg/L	1	07/12/11 17:33

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

K1107034



Life Science Laboratories, Inc.
Central Lab

5854 Butternut Drive
 East Syracuse, New York 13057
 (315) 445-1105

Chain of Custody

Client: O'BRIEN & GERE						Analysis/Method											
Project: ACCURATE DIE						8021 8260 ZN, Hg TSS, TDS											
Sampled by: MARTIN KOENNECKE																	
Client Contact: AL FARREL Phone #																	
Sample Description																	
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers											Comments	
Influent	7-7-11	9:30	WATER	GRAB	3	3											
BETWEEN CARBONS	7-7-11	9:30	WATER	GRAB	3	3											
EFFLUENT	7-7-11	9:30	WATER	GRAB	3		3										
EFFLUENT	7-7-11	9:30	WATER	COMP	2			1	1								
INFLUENT	7-7-11	9:30	WATER	COMP	1			1									
Relinquished by: Martin Koenecke Date: 7-7-11 Time: 10:15						Received by: _____ Date: _____ Time: _____											
Relinquished by: _____ Date: _____ Time: _____						Received by: _____ Date: _____ Time: _____											
Relinquished by: _____ Date: _____ Time: _____						Received by Lab: [Signature] Date: 07-07-11 Time: 10:12 REV D											
Shipment Method: HAND						Airbill Number: _____											

Turnaround Time Required:
 Routine X
 Rush _____

Comments:

Cooler Temperature: 17.0 °C

Original - Laboratory
 Copy - Client

Life Science Laboratories, Inc.

Sample Receipt Checklist

Client Name: **OBG-MS**

Date and Time Received: **7/7/2011 10:12:00 AM**

Work Order Number: **K1107034**

Received by: **gis**

Checklist completed by: bs 7-7-11
Initials Date

Reviewed by: AK 7-8-11
Initials Date

Delivery Method: Hand Delivered

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

<u>pH</u>	<u>Preservative</u>	<u>pH Acceptable</u>	<u>Sample ID</u>	<u>Volume of Preservative added in Lab.</u>
>12	NaOH	Yes <input type="checkbox"/> N <input type="checkbox"/> NA <input checked="" type="checkbox"/>		
<2	HNO3	Yes <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>		
<2	HSO4	Yes <input type="checkbox"/> N <input type="checkbox"/> NA <input checked="" type="checkbox"/>		
<2	1:1 HCL	Yes <input checked="" type="checkbox"/> N <input type="checkbox"/> NA <input type="checkbox"/>		
5-9	Pest/PCBs (608/8081)	Yes <input type="checkbox"/> N <input type="checkbox"/> NA <input checked="" type="checkbox"/>		

Comments:

Corrective Action:



Life Science Laboratories, Inc.

5854 Butternut Drive
East Syracuse, NY 13057

(315) 445-1105

Thursday, July 21, 2011

Mr. Al Farrell
O'Brien & Gere Engineers, Inc.
333 W. Washington St.
P.O. Box 4873
Syracuse, NY 13221-4873

TEL: 315-956-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results

Order No.: K1107070

Dear Mr. Al Farrell:

Life Science Laboratories, Inc. received 1 sample(s) on 7/12/2011 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.
 5854 Butternut Drive
 East Syracuse, NY 13057 (315) 445-1105

Analytical Results

StateCertNo: 10248

CLIENT O'Brien & Gere Engineers, Inc.
Project: Former Accurate Die Cast
W Order: K1107070
Matrix: WATER

Lab ID: K1107070-001A
Client Sample ID: Effluent Comp7/12/11
Collection Date: 07/12/11 7:30
Date Received: 07/12/11 9:34

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
RESIDUE-FILTERABLE (TDS)			SM 18-20 2540 C		
Residue-filterable (TDS)	860		10 mg/L	1	07/18/11 9:58
RESIDUE-NON-FILTERABLE (TSS)			SM 18-20 2540 D		
Residue-non-filterable (TSS)	ND		5.0 mg/L	1	07/14/11 11:00

- 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

K1107070



Life Science Laboratories, Inc.
Central Lab

5854 Butternut Drive
East Syracuse, New York 13057
(315) 445-1105

Chain of Custody

Client: O'BRIEN & GENE						Analysis/Method						
Project: Accurate Dye						TSS, TDS						
Sampled by: MARTIN Koewnecke												
Client Contact: AL FARRIL Phone #												
Sample Description												
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers							Comments
Effluent	7-12-11	7:30	Water Comp		1	1						
Relinquished by: M. Koewnecke Date: 7-12-11 Time: 9:35						Received by: _____ Date: _____ Time: _____						
Relinquished by: _____ Date: _____ Time: _____						Received by: _____ Date: _____ Time: _____						
Relinquished by: _____ Date: _____ Time: _____						Received by Lab: [Signature] Date: 7-12-11 Time: 9:34						
Shipment Method: HAND						Airbill Number: _____						

Turnaround Time Required:
Routine _____
Rush _____

Comments:

Cooler Temperature: 17.0 on Ice

Original - Laboratory
Copy - Client

Life Science Laboratories, Inc.

Sample Receipt Checklist

Client Name: OBG-MS

Date and Time Received: 7/12/2011 9:34:00 AM

Work Order Number: K1107070

Received by: gis

Checklist completed by: GS 7-12-11
Initials Date

Reviewed by: gc 7-12-11
Initials Date

Delivery Method: Hand Delivered

- | | | | |
|---|---|-----------------------------|--|
| Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input 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:

Corrective Action:



Life Science Laboratories, Inc.

5854 Butternut Drive
East Syracuse, NY 13057

(315) 445-1105

Wednesday, August 03, 2011

Mr. Al Farrell
O'Brien & Gere Engineers, Inc.
333 W. Washington St.
P.O. Box 4873
Syracuse, NY 13221-4873

TEL: 315-956-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results

Order No.: K1107236

Dear Mr. Al Farrell:

Life Science Laboratories, Inc. received 2 sample(s) on 7/20/2011 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.
 5854 Butternut Drive
 East Syracuse , NY 13057 (315) 445-1105

Analytical Results

StateCertNo: 10248

CLIENT O'Brien & Gere Engineers, Inc.
Project: Former Accurate Die Cast
W Order: K1107236
Matrix: WATER

Lab ID: K1107236-001A
Client Sample ID: *Effluent Comp 7/20/11*
Collection Date: 07/20/11 13:00
Date Received: 07/20/11 13:19

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
RESIDUE-FILTERABLE (TDS)			SM 18-20 2540 C		
Residue-filterable (TDS)	750		10 mg/L	1	07/26/11 10:37
RESIDUE-NON-FILTERABLE (TSS)			SM 18-20 2540 D		
Residue-non-filterable (TSS)	ND		5.0 mg/L	1	07/25/11 13:30

- 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



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1105

Analytical Results

StateCertNo: 10248

CLIENT O'Brien & Gere Engineers, Inc.

Project: Former Accurate Die Cast

W Order: K1107236

Matrix: WATER

Inst. ID: MSK_75

Sample Size 10 mL

ColumnID: Rtx-VMS

%Moisture:

Revision: 08/02/11 14:36

TestCode 8260W

Lab ID: K1107236-002A

Client Sample ID: Effluent Comp 7/20/11

Collection Date: 07/20/11 13:00

Date Received: 07/20/11 13:19

PrepDate:

BatchNo: R22252

FileID: 1-SAMP-K5033.D

Col Type:

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260B		
1,1,2,2-Tetrachloroethane	ND		0.50	µg/L	1	07/28/11 17:14
cis-1,2-Dichloroethene	ND		0.50	µg/L	1	07/28/11 17:14
Methylene chloride	ND		2.00	µg/L	1	07/28/11 17:14
Tetrachloroethene	ND		0.50	µg/L	1	07/28/11 17:14
Toluene	ND		0.50	µg/L	1	07/28/11 17:14
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	07/28/11 17:14
Trichloroethene	ND		0.50	µg/L	1	07/28/11 17:14
Surr: 1,2-Dichloroethane-d4	104		75-128	%REC	1	07/28/11 17:14
Surr: 4-Bromofluorobenzene	107		75-125	%REC	1	07/28/11 17:14
Surr: Toluene-d8	97		75-125	%REC	1	07/28/11 17:14

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

R 1107236



Life Science Laboratories, Inc.
Central Lab

5854 Butternut Drive
East Syracuse, New York 13057
(315) 445-1105

Chain of Custody

Client: <u>O'Brien & Gere</u>						Analysis/Method						
Project: <u>Accelerate Die Cast (Former)</u>						<u>6260</u> <u>155, TDS</u>						
Sampled by: <u>Kevin Stone</u>												
Client Contact: <u>AL Freeman</u> Phone # <u>315-956-6316</u>												
Sample Description												
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers							Comments
<u>Effluent</u>	<u>7/20</u>	<u>1300</u>	<u>W</u>	<u>G</u>	<u>3</u>	<u>3</u>						
<u>Effluent</u>			<u>W</u>	<u>G</u>	<u>1</u>	<u>1</u>						
Relinquished by: <u>Kevin Stone</u> Date: <u>7-19-2004</u> Time: <u>11:15</u>						Received by: _____ Date: _____ Time: _____						
Relinquished by: _____ Date: _____ Time: _____						Received by: _____ Date: _____ Time: _____						
Relinquished by: _____ Date: _____ Time: _____						Received by Lab: <u>R. Dumber</u> Date: <u>07-20-04</u> Time: <u>13:19</u>						
Shipment Method: _____						Airbill Number: _____						

Turnaround Time Required:
Routine X
Rush _____

Comments:

Cooler Temperature: 10.4°C
on ice

Original - Laboratory
Copy - Client



Life Science Laboratories, Inc.

5854 Butternut Drive
East Syracuse, NY 13057

(315) 445-1105

Wednesday, August 03, 2011

Mr. Al Farrell
O'Brien & Gere Engineers, Inc.
333 W. Washington St.
P.O. Box 4873
Syracuse, NY 13221-4873

TEL: 315-956-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results

Order No.: K1107262

Dear Mr. Al Farrell:

Life Science Laboratories, Inc. received 1 sample(s) on 7/25/2011 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.
 5854 Butternut Drive
 East Syracuse , NY 13057 (315) 445-1105

Analytical Results

StateCertNo: 10248

CLIENT O'Brien & Gere Engineers, Inc.
Project: Former Accurate Die Cast
W Order: K1107262
Matrix: WATER

Lab ID: K1107262-001A
Client Sample ID: Effluent Comp7/25/11
Collection Date: 07/25/11 6:00
Date Received: 07/25/11 8:04

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
RESIDUE-FILTERABLE (TDS)			SM 18-20 2540 C		
Residue-filterable (TDS)	690		10 mg/L	1	07/26/11 10:37
RESIDUE-NON-FILTERABLE (TSS)			SM 18-20 2540 D		
Residue-non-filterable (TSS)	ND		5.0 mg/L	1	07/28/11 12:00

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



Life Science Laboratories, Inc.

5854 Butternut Drive
East Syracuse, NY 13057

(315) 445-1105

Thursday, August 25, 2011

Mr. Al Farrell
O'Brien & Gere Engineers, Inc.
333 W. Washington St.
P.O. Box 4873
Syracuse, NY 13221-4873

TEL: 315-956-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results

Order No.: K1108009

Dear Mr. Al Farrell:

Life Science Laboratories, Inc. received 3 sample(s) on 8/1/2011 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.
 5854 Butternut Drive
 East Syracuse , NY 13057 (315) 445-1105

Analytical Results

StateCertNo: 10248

CLIENT O'Brien & Gere Engineers, Inc.
Project: Former Accurate Die Cast
W Order: K1108009
Matrix: WATER

Lab ID: K1108009-001A
Client Sample ID: *Effluent Comp 8/1/11*
Collection Date: 08/01/11 8:00
Date Received: 08/01/11 9:36

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
RESIDUE-FILTERABLE (TDS)			SM 18-20 2540 C		
Residue-filterable (TDS)	770		10 mg/L	1	08/04/11 11:30
RESIDUE-NON-FILTERABLE (TSS)			SM 18-20 2540 D		
Residue-non-filterable (TSS)	ND		5.0 mg/L	1	08/04/11 13:30

- 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



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1105

Analytical Results

StateCertNo: 10248

CLIENT O'Brien & Gere Engineers, Inc.

Project: Former Accurate Die Cast

W Order: K1108009

Matrix: WATER

Inst. ID: MSK_75

Sample Size 10 mL

ColumnID: Rtx-VMS

%Moisture:

Revision: 08/10/11 10:18

TestCode 8260W

Lab ID: K1108009-002A

Client Sample ID: Effluent Grab 8/1/11

Collection Date: 08/01/11 8:00

Date Received: 08/01/11 9:36

PrepDate:

BatchNo: R22315

FileID: 1-SAMP-K5079.D

Col Type:

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260B		
1,1,2,2-Tetrachloroethane	ND		0.50	µg/L	1	08/03/11 11:08
cis-1,2-Dichloroethene	ND		0.50	µg/L	1	08/03/11 11:08
Methylene chloride	ND		2.00	µg/L	1	08/03/11 11:08
Tetrachloroethene	ND		0.50	µg/L	1	08/03/11 11:08
Toluene	ND		0.50	µg/L	1	08/03/11 11:08
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	08/03/11 11:08
Trichloroethene	ND		0.50	µg/L	1	08/03/11 11:08
Surr: 1,2-Dichloroethane-d4	124		75-128	%REC	1	08/03/11 11:08
Surr: 4-Bromofluorobenzene	105		75-125	%REC	1	08/03/11 11:08
Surr: Toluene-d8	94		75-125	%REC	1	08/03/11 11:08

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



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1105

Analytical Results

StateCertNo: 10248

CLIENT O'Brien & Gere Engineers, Inc.

Project: Former Accurate Die Cast

W Order: K1108009

Matrix: WATER

Inst. ID: MSK_75

Sample Size 10 mL

ColumnID: Rtx-VMS

%Moisture:

Revision: 08/10/11 10:18

TestCode 8260W

Lab ID: K1108009-003A

Client Sample ID: *Between Carbons Grab 8/1/11*

Collection Date: 08/01/11 8:00

Date Received: 08/01/11 9:36

PrepDate:

BatchNo: R22315

FileID: 1-SAMP-K5080.D

Col Type:

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260B		
1,1,2,2-Tetrachloroethane	ND		0.50	µg/L	1	08/03/11 11:40
cis-1,2-Dichloroethene	ND		0.50	µg/L	1	08/03/11 11:40
Methylene chloride	ND		2.00	µg/L	1	08/03/11 11:40
Tetrachloroethene	ND		0.50	µg/L	1	08/03/11 11:40
Toluene	ND		0.50	µg/L	1	08/03/11 11:40
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	08/03/11 11:40
Trichloroethene	ND		0.50	µg/L	1	08/03/11 11:40
Surr: 1,2-Dichloroethane-d4	125		75-128	%REC	1	08/03/11 11:40
Surr: 4-Bromofluorobenzene	106		75-125	%REC	1	08/03/11 11:40
Surr: Toluene-d8	96		75-125	%REC	1	08/03/11 11:40

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



Life Science Laboratories, Inc.
Central Lab

5854 Butternut Drive
East Syracuse, New York 13057
(315) 445-1105

Chain of Custody

K1108009

Client: <u>OBRIEN & GERE</u>						Analysis/Method												
Project: <u>ACCURATE DIE</u>						TSS, TDS 8260 8021												
Sampled by: <u>MARTIN Koennecke</u>																		
Client Contact: <u>AL FARREL</u> Phone # _____																		
Sample Description																		
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers													
<u>EFFLUENT</u>	<u>8-1-11</u>	<u>8:00</u>	<u>WATER</u>	<u>COMP</u>	<u>1</u>	<u>1</u>												
<u>EFFLUENT</u>	<u>8-1-11</u>	<u>8:00</u>	<u>WATER</u>	<u>GRAB</u>	<u>3</u>		<u>3</u>											
<u>BETWEEN CARBONS</u>	<u>8-1-11</u>	<u>8:00</u>	<u>WATER</u>	<u>GRAB</u>	<u>3</u>			<u>3</u>										
Relinquished by: <u>Martin Koennecke</u> Date: <u>8-1-11</u> Time: <u>9:37</u>						Received by: _____ Date: _____ Time: _____												
Relinquished by: _____ Date: _____ Time: _____						Received by: _____ Date: _____ Time: _____												
Relinquished by: _____ Date: _____ Time: _____						Received by Lab: <u>[Signature]</u> Date: <u>08-01-11</u> Time: <u>09:36</u>												
Shipment Method: <u>HAND</u>						Airbill Number: _____												

Turnaround Time Required:
 Routine ~~_____~~ X
 Rush _____

Comments:

Cooler Temperature: 11.0 °C on F.C.

Original - Laboratory
Copy - Client

Life Science Laboratories, Inc.

Sample Receipt Checklist

Client Name: OBG-MS

Date and Time Received:

8/1/2011 9:36:00 AM

Work Order Number: K1108009

Received by: gis

Checklist completed by:

BS

8-1-11

Initials

Date

Reviewed by:

AC

8-1-11

Initials

Date

Delivery Method: Hand Delivered

- | | | | |
|---|---|-----------------------------|--|
| Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input 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 checked="" type="checkbox"/> | No <input type="checkbox"/> | No VOA vials submitted <input type="checkbox"/> |
| Water - pH acceptable upon receipt? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Applicable <input checked="" type="checkbox"/> |

Comments:

Corrective Action:



Life Science Laboratories, Inc.

5854 Butternut Drive
East Syracuse, NY 13057

(315) 445-1105

Tuesday, September 06, 2011

Mr. Al Farrell
O'Brien & Gere Engineers, Inc.
333 W. Washington St.
P.O. Box 4873
Syracuse, NY 13221-4873

TEL: 315-956-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results

Order No.: K1108106

Dear Mr. Al Farrell:

Life Science Laboratories, Inc. received 1 sample(s) on 8/8/2011 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.
 5854 Butternut Drive
 East Syracuse, NY 13057 (315) 445-1105

Analytical Results

StateCertNo: 10248

CLIENT O'Brien & Gere Engineers, Inc.
Project: Former Accurate Die Cast
W Order: K1108106
Matrix: WATER

Lab ID: K1108106-001A
Client Sample ID: Effluent Comp 8/8/11
Collection Date: 08/08/11 11:00
Date Received: 08/08/11 11:23

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
RESIDUE-FILTERABLE (TDS)			SM 18-20 2540 C		
Residue-filterable (TDS)	740		10 mg/L	1	08/10/11 9:16
RESIDUE-NON-FILTERABLE (TSS)			SM 18-20 2540 D		
Residue-non-filterable (TSS)	ND		5.0 mg/L	1	08/11/11 12:00

- 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

K1108106



Life Science Laboratories, Inc.
Central Lab

5854 Butternut Drive
East Syracuse, New York 13057
(315) 445-1105

Chain of Custody

Client: <i>O'BRIEN & GERE</i>						Analysis/Method						
Project: <i>ACCURATE DIE (FORMER)</i>						TSS, TDS						
Sampled by: <i>MARTIN KOENNECKE</i>												
Client Contact: <i>AL FARREL</i> Phone #												
Sample Description												
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers							
<i>EFFLUENT</i>	<i>8-8-11</i>	<i>11:00</i>	<i>WATER</i>	<i>COMP</i>	<i>1</i>	<i>1</i>						
Relinquished by: <i>Martin Koenecke</i> Date: <i>8-8-11</i> Time: <i>11:25</i>						Received by: _____ Date: _____ Time: _____						
Relinquished by: _____ Date: _____ Time: _____						Received by: _____ Date: _____ Time: _____						
Relinquished by: _____ Date: _____ Time: _____						Received by Lab: <i>R. Dunbar</i> Date: <i>08-08-11</i> Time: <i>11:23 AM</i>						
Shipment Method: <i>HAND</i>						Airbill Number: _____						

Turnaround Time Required:
 Routine X
 Rush

Comments:

Cooler Temperature: 12.4°C on ice

Original - Laboratory
Copy - Client

Life Science Laboratories, Inc.

Sample Receipt Checklist

Client Name: OBG-MS

Date and Time Received: 8/8/2011 11:23:00 AM

Work Order Number: K1108106

Received by: rsd

Checklist completed by: GS 8-9-11
Initials Date

Reviewed by: AC 8-15-11
Initials Date

Delivery Method: Hand Delivered

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

Comments:

Corrective Action:



Life Science Laboratories, Inc.

5854 Butternut Drive
East Syracuse, NY 13057

(315) 445-1105

Wednesday, August 31, 2011

Mr. Al Farrell
O'Brien & Gere Engineers, Inc.
333 W. Washington St.
P.O. Box 4873
Syracuse, NY 13221-4873

TEL: 315-956-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results

Order No.: K1108151

Dear Mr. Al Farrell:

Life Science Laboratories, Inc. received 2 sample(s) on 8/15/2011 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.

A handwritten signature in black ink, appearing to read "Anthony Crescenzi".

Anthony Crescenzi
Project Manager



Life Science Laboratories, Inc.
 5854 Butternut Drive
 East Syracuse , NY 13057 (315) 445-1105

Analytical Results

StateCertNo: 10248

CLIENT O'Brien & Gere Engineers, Inc.
Project: Former Accurate Die Cast
W Order: K1108151
Matrix: WATER

Lab ID: K1108151-001A
Client Sample ID: Effluent Comp 8/15/11
Collection Date: 08/15/11 10:40
Date Received: 08/15/11 11:17

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
RESIDUE-FILTERABLE (TDS)					
Residue-filterable (TDS)	720		SM 18-20 2540 C 10 mg/L	1	08/16/11 10:02
RESIDUE-NON-FILTERABLE (TSS)					
Residue-non-filterable (TSS)	ND		SM 18-20 2540 D 5.0 mg/L	1	08/18/11 14:00

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



Life Science Laboratories, Inc.

5854 Butternut Drive
East Syracuse, NY 13057

(315) 445-1105

Analytical Results

StateCertNo: 10248

CLIENT O'Brien & Gere Engineers, Inc.
Project: Former Accurate Die Cast
W Order: K1108151
Matrix: WATER
Inst. ID: MSK_75 **Sample Size** 10 mL
ColumnID: Rtx-VMS **%Moisture:**
Revision: 08/24/11 15:44 **TestCode** 8260W
Col Type:

Lab ID: K1108151-002A
Client Sample ID: *Effluent Grab 8/15/11*
Collection Date: 08/15/11 10:40
Date Received: 08/15/11 11:17
PrepDate:
BatchNo: R22399
FileID: 1-SAMP-K5304.D

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260B		
1,1,2,2-Tetrachloroethane	ND		0.50	µg/L	1	08/18/11 13:44
cis-1,2-Dichloroethene	ND		0.50	µg/L	1	08/18/11 13:44
Methylene chloride	ND		2.00	µg/L	1	08/18/11 13:44
Tetrachloroethene	ND		0.50	µg/L	1	08/18/11 13:44
Toluene	ND		0.50	µg/L	1	08/18/11 13:44
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	08/18/11 13:44
Trichloroethene	ND		0.50	µg/L	1	08/18/11 13:44
Surr: 1,2-Dichloroethane-d4	114		75-128	%REC	1	08/18/11 13:44
Surr: 4-Bromofluorobenzene	111		75-125	%REC	1	08/18/11 13:44
Surr: Toluene-d8	92		75-125	%REC	1	08/18/11 13:44

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

Life Science Laboratories, Inc.

Sample Receipt Checklist

Client Name: **OBG-MS**

Date and Time Received: **8/15/2011 11:17:00 AM**

Work Order Number: **K1108151**

Received by: **rsd**

Checklist completed by: BS 8-15-11
Initials Date

Reviewed by: AC 8-16-11
Initials Date

Delivery Method: Hand Delivered

- | | | | |
|---|---|-----------------------------|--|
| Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input 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 checked="" type="checkbox"/> | No <input type="checkbox"/> | No VOA vials submitted <input type="checkbox"/> |
| Water - pH acceptable upon receipt? | Yes <input type="checkbox"/> | No <input type="checkbox"/> | Not Applicable <input checked="" type="checkbox"/> |

Comments:

Corrective Action:



Life Science Laboratories, Inc.

5854 Butternut Drive
East Syracuse, NY 13057

(315) 445-1105

Tuesday, September 06, 2011

Mr. Al Farrell
O'Brien & Gere Engineers, Inc.
333 W. Washington St.
P.O. Box 4873
Syracuse, NY 13221-4873

TEL: 315-956-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results

Order No.: K1108289

Dear Mr. Al Farrell:

Life Science Laboratories, Inc. received 1 sample(s) on 8/22/2011 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.
 5854 Butternut Drive
 East Syracuse , NY 13057 (315) 445-1105

Analytical Results

StateCertNo: 10248

CLIENT O'Brien & Gere Engineers, Inc.
Project: Former Accurate Die Cast
W Order: K1108289
Matrix: WATER

Lab ID: K1108289-001A
Client Sample ID: *Effluent Comp 8/22/11*
Collection Date: 08/22/11 10:30
Date Received: 08/22/11 10:40

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
RESIDUE-FILTERABLE (TDS)			SM 18-20 2540 C		
Residue-filterable (TDS)	750		10 mg/L	1	08/24/11 8:33
RESIDUE-NON-FILTERABLE (TSS)			SM 18-20 2540 D		
Residue-non-filterable (TSS)	ND		5.0 mg/L	1	08/25/11 10:00

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

K1108289



Life Science Laboratories, Inc. Central Lab

5854 Butternut Drive
East Syracuse, New York 13057
(315) 445-1105

Chain of Custody

Client: O'BRIEN & GERE						Analysis/Method							
Project: ACCURATE DIE						TSS, TDS							
Sampled by: MARTIN Koenneke													
Client Contact: AL FARREL Phone #													
Sample Description													
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers								Comments
EFFLUENT	8-22-11	10:30	water	Comp	1	1							
Relinquished by: Martin Koenneke Date: 8-22-11 Time: 10:40						Received by: _____ Date: _____ Time: _____							
Relinquished by: _____ Date: _____ Time: _____						Received by: _____ Date: _____ Time: _____							
Relinquished by: _____ Date: _____ Time: _____						Received by Lab: [Signature] Date: 8-22-11 Time: 10:40							
Shipment Method: HAND						Airbill Number: [Signature]							

Turnaround Time Required:
Routine X
Rush

Comments:

Cooler Temperature: 11.0 °C on Ice

Original - Laboratory
Copy - Client



Life Science Laboratories, Inc.

5854 Butternut Drive
East Syracuse, NY 13057

(315) 445-1105

Tuesday, September 06, 2011

Mr. Al Farrell
O'Brien & Gere Engineers, Inc.
333 W. Washington St.
P.O. Box 4873
Syracuse, NY 13221-4873

TEL: 315-956-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results

Order No.: K1108378

Dear Mr. Al Farrell:

Life Science Laboratories, Inc. received 1 sample(s) on 8/29/2011 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.
 5854 Butternut Drive
 East Syracuse , NY 13057 (315) 445-1105

Analytical Results

StateCertNo: 10248

CLIENT O'Brien & Gere Engineers, Inc.
Project: Former Accurate Die Cast
W Order: K1108378
Matrix: WATER

Lab ID: K1108378-001A
Client Sample ID: *Effluent Comp 8/29/11*
Collection Date: 08/29/11 7:30
Date Received: 08/29/11 8:21

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
RESIDUE-FILTERABLE (TDS)			SM 18-20 2540 C		
Residue-filterable (TDS)	720		10 mg/L	1	08/29/11 11:00
RESIDUE-NON-FILTERABLE (TSS)			SM 18-20 2540 D		
Residue-non-filterable (TSS)	ND		5.0 mg/L	1	09/01/11 12:00

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



Life Science Laboratories, Inc.

5854 Butternut Drive
East Syracuse, NY 13057

(315) 445-1900

Tuesday, September 20, 2011

Mr. Al Farrell
O'Brien & Gere Engineers, Inc.
333 W. Washington St.
P.O. Box 4873
Syracuse, NY 13221-4873

TEL: 315-956-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results

Order No.: K1109054

Dear Mr. Al Farrell:

Life Science Laboratories, Inc. received 3 sample(s) on 9/8/2011 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.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT O'Brien & Gere Engineers, Inc.

Project: Former Accurate Die Cast

W Order: K1109054

Matrix: WATER

Lab ID: K1109054-001A

Client Sample ID: Effluent Comp 9/8/11

Collection Date: 09/08/11 9:00

Date Received: 09/08/11 9:49

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
RESIDUE-FILTERABLE (TDS)			SM 18-20 2540 C		
Residue-filterable (TDS)	770		10 mg/L	1	09/08/11 11:50
RESIDUE-NON-FILTERABLE (TSS)			SM 18-20 2540 D		
Residue-non-filterable (TSS)	ND		5.0 mg/L	1	09/12/11 14:00

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



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT O'Brien & Gere Engineers, Inc.
Project: Former Accurate Die Cast
W Order: K1109054
Matrix: WATER
Inst. ID: MSK_75 **Sample Size** 10 mL
ColumnID: Rtx-VMS **%Moisture:**
Revision: 09/12/11 14:55 **TestCode** 8260W
Col Type:

Lab ID: K1109054-002A
Client Sample ID: *Effluent Grab 9/8/11*
Collection Date: 09/08/11 9:00
Date Received: 09/08/11 9:49
PrepDate:
BatchNo: R22541
FileID: 1-SAMP-K5587.D

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260B		
1,1,2,2-Tetrachloroethane	ND		0.50	µg/L	1	09/09/11 18:25
cis-1,2-Dichloroethene	ND		0.50	µg/L	1	09/09/11 18:25
Methylene chloride	ND		2.00	µg/L	1	09/09/11 18:25
Tetrachloroethene	ND		0.50	µg/L	1	09/09/11 18:25
Toluene	ND		0.50	µg/L	1	09/09/11 18:25
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	09/09/11 18:25
Trichloroethene	ND		0.50	µg/L	1	09/09/11 18:25
Surr: 1,2-Dichloroethane-d4	106		75-128	%REC	1	09/09/11 18:25
Surr: 4-Bromofluorobenzene	111		75-125	%REC	1	09/09/11 18:25
Surr: Toluene-d8	104		75-125	%REC	1	09/09/11 18:25

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



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT O'Brien & Gere Engineers, Inc.
Project: Former Accurate Die Cast
W Order: K1109054
Matrix: WATER
Inst. ID: MSK_75 **Sample Size** 10 mL
ColumnID: Rtx-VMS **%Moisture:**
Revision: 09/12/11 14:55 **TestCode** 8260W
Col Type:

Lab ID: K1109054-003A
Client Sample ID: *Between Carbons Grab 9/8/11*
Collection Date: 09/08/11 9:00
Date Received: 09/08/11 9:49
PrepDate:
BatchNo: R22541
FileID: 1-SAMP-K5588.D

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260B		
1,1,2,2-Tetrachloroethane	ND		0.50	µg/L	1	09/09/11 18:57
cis-1,2-Dichloroethene	ND		0.50	µg/L	1	09/09/11 18:57
Methylene chloride	ND		2.00	µg/L	1	09/09/11 18:57
Tetrachloroethene	ND		0.50	µg/L	1	09/09/11 18:57
Toluene	ND		0.50	µg/L	1	09/09/11 18:57
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	09/09/11 18:57
Trichloroethene	ND		0.50	µg/L	1	09/09/11 18:57
Surr: 1,2-Dichloroethane-d4	106		75-128	%REC	1	09/09/11 18:57
Surr: 4-Bromofluorobenzene	112		75-125	%REC	1	09/09/11 18:57
Surr: Toluene-d8	104		75-125	%REC	1	09/09/11 18:57

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

K 1109054



Life Science Laboratories, Inc. Central Lab

5854 Butternut Drive
East Syracuse, New York 13057
(315) 445-1105

Chain of Custody

Client: O'BRIEN & GERE						Analysis/Method							
Project: ACCURATE DIE						TSS, TDS 8260 8021							
Sampled by: MARTIN KOENNECKO													
Client Contact: AL FARRER Phone # _____													
Sample Description													
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers								
EFFLUENT	9-8-11	9:00	WATER	COMP	1	1							
EFFLUENT	9-8-11	9:00	WATER	GRAB	3		3						
BETWEEN CARBONS	9-8-11	9:00	WATER	GRAB	3			3					
Relinquished by: Martin Koennecke				Date: 9-8-11 Time: 9:50		Received by: _____				Date: _____ Time: _____			
Relinquished by: _____				Date: _____ Time: _____		Received by: _____				Date: _____ Time: _____			
Relinquished by: _____				Date: _____ Time: _____		Received by Lab: [Signature]				Date: 8-11 Time: 11			
Shipment Method: HAND						Airbill Number: _____							

Turnaround Time Required:
Routine X
Rush

Comments:

Cooler Temperature: 11.5°C



Life Science Laboratories, Inc.

5854 Butternut Drive
East Syracuse, NY 13057

(315) 445-1900

Tuesday, September 20, 2011

Mr. Al Farrell
O'Brien & Gere Engineers, Inc.
333 W. Washington St.
P.O. Box 4873
Syracuse, NY 13221-4873

TEL: 315-956-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results

Order No.: K1109089

Dear Mr. Al Farrell:

Life Science Laboratories, Inc. received 1 sample(s) on 9/12/2011 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.

5854 Butternut Drive

East Syracuse, NY 13057 (315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT O'Brien & Gere Engineers, Inc.

Project: Former Accurate Die Cast

W Order: K1109089

Matrix: WATER

Lab ID: K1109089-001A

Client Sample ID: Effluent Comp 9/12/11

Collection Date: 09/12/11 7:30

Date Received: 09/12/11 12:43

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
RESIDUE-FILTERABLE (TDS)			SM 18-20 2540 C		
Residue-filterable (TDS)	770		10 mg/L	1	09/15/11 11:09
RESIDUE-NON-FILTERABLE (TSS)			SM 18-20 2540 D		
Residue-non-filterable (TSS)	ND		5.0 mg/L	1	09/18/11 12:00

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

Life Science Laboratories, Inc.

Sample Receipt Checklist

Client Name: OBG-MS

Date and Time Received: 9/12/2011 12:43:00 PM

Work Order Number: K1109089

Received by: rsd

Checklist completed by:

6S

9-13-11

Initials

Date

Reviewed by:

AC

9-13-11

Initials

Date

Delivery Method: Hand Delivered

- | | | | |
|---|---|-----------------------------|--|
| Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input 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:

Corrective Action:



Life Science Laboratories, Inc.

5854 Butternut Drive
East Syracuse, NY 13057

(315) 445-1900

Friday, October 14, 2011

Mr. Al Farrell
O'Brien & Gere Engineers, Inc.
333 W. Washington St.
P.O. Box 4873
Syracuse, NY 13221-4873

TEL: 315-956-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results

Order No.: K1109213

Dear Mr. Al Farrell:

Life Science Laboratories, Inc. received 2 sample(s) on 9/19/2011 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.
 5854 Butternut Drive
 East Syracuse, NY 13057 (315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT O'Brien & Gere Engineers, Inc.
Project: Former Accurate Die Cast
W Order: K1109213
Matrix: WATER

Lab ID: K1109213-001A
Client Sample ID: Effluent Comp 9/19/11 07:00
Collection Date: 09/19/11 7:00
Date Received: 09/19/11 13:20

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
RESIDUE-FILTERABLE (TDS)			SM 18-20 2540 C		
Residue-filterable (TDS)	700		10 mg/L	1	09/22/11 10:57
RESIDUE-NON-FILTERABLE (TSS)			SM 18-20 2540 D		
Residue-non-filterable (TSS)	ND		5.0 mg/L	1	09/22/11 13:30

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



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT O'Brien & Gere Engineers, Inc.

Project: Former Accurate Die Cast

W Order: K1109213

Matrix: WATER

Inst. ID: MSK_75

ColumnID: Rtx-VMS

Revision: 10/05/11 14:36

Col Type:

Sample Size 10 mL

%Moisture:

TestCode 8260W

Lab ID: K1109213-002A

Client Sample ID: Effluent Grab 9/19/11 07:00

Collection Date: 09/19/11 7:00

Date Received: 09/19/11 13:20

PrepDate:

BatchNo: R22717

FileID: 1-SAMP-K5747.D

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				SW8260B		
1,1,2,2-Tetrachloroethane	ND		0.50	µg/L	1	09/22/11 11:11
cis-1,2-Dichloroethene	ND		0.50	µg/L	1	09/22/11 11:11
Methylene chloride	ND		2.00	µg/L	1	09/22/11 11:11
Tetrachloroethene	ND		0.50	µg/L	1	09/22/11 11:11
Toluene	ND		0.50	µg/L	1	09/22/11 11:11
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	09/22/11 11:11
Trichloroethene	ND		0.50	µg/L	1	09/22/11 11:11
Surr: 1,2-Dichloroethane-d4	118		75-128	%REC	1	09/22/11 11:11
Surr: 4-Bromofluorobenzene	110		75-125	%REC	1	09/22/11 11:11
Surr: Toluene-d8	101		75-125	%REC	1	09/22/11 11:11

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



Life Science Laboratories, Inc.
Central Lab

5854 Butternut Drive
East Syracuse, New York 13057
(315) 445-1105

Chain of Custody

Client: <i>OBRIEN & GERE</i>							Analysis/Method									
Project: <i>Former Accurate Dir</i>							<i>TSS, TDS</i> <i>8260</i>									
Sampled by: <i>MARTIN Koenwecke</i>																
Client Contact: <i>AL FARRYL</i> Phone #																
Sample Description																
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers											Comments
<i>001A</i> <i>EFFLUENT</i>	<i>9-19-11</i>	<i>7:00</i>	<i>WATER</i>	<i>COMP</i>	<i>1</i>	<i>1</i>										
<i>002ADC</i> <i>EFFLUENT</i>	<i>9-19-11</i>	<i>7:00</i>	<i>WATER</i>	<i>GRAB</i>	<i>3</i>		<i>3</i>									
Relinquished by: <i>Martin Koenwecke</i>				Date: <i>9-19-11</i>	Time: <i>1320</i>	Received by:				Date:	Time:					
Relinquished by:				Date:	Time:	Received by:				Date:	Time:					
Relinquished by:				Date:	Time:	Received by Lab: <i>R.D. [Signature]</i>				Date: <i>9/19/11</i>	Time: <i>13:20</i>					
Shipment Method: <i>HAND</i>						Airbill Number:										

Turnaround Time Required:
 Routine X
 Rush

Comments:

Cooler Temperature: 5.8°C on ice



Life Science Laboratories, Inc.

5854 Butternut Drive
East Syracuse, NY 13057

(315) 445-1900

Thursday, October 27, 2011

Mr. Al Farrell
O'Brien & Gere Engineers, Inc.
333 W. Washington St.
P.O. Box 4873
Syracuse, NY 13221-4873

TEL: 315-956-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results

Order No.: K1109300

Dear Mr. Al Farrell:

Life Science Laboratories, Inc. received 1 sample(s) on 9/26/2011 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.
 5854 Butternut Drive
 East Syracuse , NY 13057 (315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT O'Brien & Gere Engineers, Inc.
Project: Former Accurate Die Cast
W Order: K1109300
Matrix: WATER

Lab ID: K1109300-001A
Client Sample ID: *Effluent Comp 9/26/11*
Collection Date: 09/26/11 8:05
Date Received: 09/26/11 8:32

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
RESIDUE-FILTERABLE (TDS)			SM 18-20 2540 C			
Residue-filterable (TDS)	780		10	mg/L	1	09/26/11 8:24
RESIDUE-NON-FILTERABLE (TSS)			SM 18-20 2540 D			
Residue-non-filterable (TSS)	ND		5.0	mg/L	1	09/26/11 12:00

- 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

Life Science Laboratories, Inc.

Sample Receipt Checklist

Client Name: OBG-MS

Date and Time Received:

9/26/2011 8:32:00 AM

Work Order Number: K1109300

Received by: gis

Checklist completed by:

GS

9-26-11

Initials

Date

Reviewed by:

AC

9-26-11

Initials

Date

Delivery Method: Hand Delivered

- | | | | |
|---|---|-----------------------------|--|
| Shipping container/cooler in good condition? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input 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:

Corrective Action:



Life Science Laboratories, Inc.
Central Lab

5854 Butternut Drive
East Syracuse, New York 13057
(315) 445-1105

K 1109300

Chain of Custody

Client: <u>O'BRIEN & GERE</u>						Analysis/Method						
Project: <u>FORMER Accurate Die</u>						TSS, TDS						
Sampled by: <u>MARTIN Koennecke</u>												
Client Contact: <u>AL FARREL</u> Phone # _____												
Sample Description												
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers							
<u>EFFLUENT</u>	<u>9-26-11</u>	<u>8:05</u>	<u>water</u>	<u>Comp</u>	<u>1</u>	<u>1</u>						
Relinquished by: <u>Martin Koennecke</u>			Date: <u>9-26-11</u> Time: <u>8:35</u>			Received by: _____			Date: _____ Time: _____			
Relinquished by: _____			Date: _____ Time: _____			Received by: _____			Date: _____ Time: _____			
Relinquished by: _____			Date: _____ Time: _____			Received by Lab: <u>AS S</u>			Date: <u>26-11</u> Time: <u>11:30</u>			
Shipment Method: <u>HAND</u>						Airbill Number: _____						

Turnaround Time Required:
 Routine X
 Rush _____

Comments:

Cooler Temperature: 10.0 °C

Original - Laboratory
Copy - Client