April 17, 2012

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 first quarter of 2012 (December 30, 2011 through March 30, 2012). 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 March 30, 2012, a total of 95,935,250 gallons of groundwater has been treated since startup on February 5, 1996. Since December 29, 2011, 1,074,940 gallons of groundwater have been treated: 354,930 gallons from recovery well RW-1, and 720,010 gallons from recovery well RW-2. No groundwater was collected from the sump located outside the northeast corner of the building or the collection trench constructed in the former VOC/PAH/PCB Soils Area.

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 January, February, and March 2012 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 semi-annual groundwater sampling including monitoring wells MW-10, MW-11, MW-13, MW-18 and MW-24. Groundwater levels will also be measured in the on-site wells.

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

Table 1
Accurate Die Casting Site
Fayetteville, New York
Monitoring Requirements and Effluent Data

Analyte (units)	Monitoring Requirements				Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent
	Discharge Limitation	Discharge Limitation	Minimum Measurement	Sample										
	Daily Average	Daily Maximum	Frequency (1)	Type	1/3/2012	1/4/2012	1/5/2012	1/9/2012	1/10/2012	1/12/2012	1/13/2012	1/16/2012	1/17/2012	1/18/2012
Flow (GPD)	Monitor	150000	Continuous	Meter		11703	11622	11667	11597	11607	11657	11589	11612	11740
pH (SU)	6.5-8.5		2/Week	Grab		8.29	8.29	8.29	8.32	8.29	8.27	8.29	8.29	8.29
Residue, non-filterable (mg/L)	Monitor	20	Weekly	3-hr comp.	5 U			5 U						5 U
Total dissolved solids (TDS) (mg/L)	Monitor	Monitor	Weekly	3-hr comp.	680			690						650
Mercury, total (mg/L)	Monitor	0.0008	Quarterly	3-hr comp.	0.0002 U									
Zinc, total (mg/L)	Monitor	0.3	Quarterly	3-hr comp.	0.02 U									
cis-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab	0.5 U									0.5 U
trans-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab	0.5 U									0.5 U
Methylene chloride (ug/L)	Monitor	20	2/Month	Grab	2 U									2 U
1,1,2,2-Tetrachloroethane (ug/L)	Monitor	10	2/Month	Grab	0.5 U									0.5 U
Tetrachloroethene (ug/L)	Monitor	10	2/Month	Grab	0.5 U									0.5 U
Toluene (ug/L)	Monitor	20	2/Month	Grab	0.5 U									0.5 U
Trichloroethene (ug/L)	Monitor	10	2/Month	Grab	0.5 U									0.5 U

Notes:

- Not analyzed, NA - Data Not available

U - Not Detected, J - Estimated, H - Holding times for preparation or analyses exceeded

(1) Minimum monitoring requirements based on SPEDES permit modified November, 21, 1997.

Table 1
Accurate Die Casting Site
Fayetteville, New York
Monitoring Requirements and Effluent Data

Analyte (units)	Monitoring Requirements				Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent
	Discharge Limitation Daily Average	Discharge Limitation Daily Maximum	Minimum Measurement Frequency (1)	Sample Type	1/19/2012	1/23/2012	1/24/2012	1/25/2012	1/26/2012	1/30/2012	1/31/2012	2/6/2012	2/7/2012	2/10/2012
Flow (GPD)	Monitor	150000	Continuous	Meter	11727	11829	11863	11775	11850	11932	12020	7975	12190	12240
pH (SU)	6.5-8.5		2/Week	Grab	8.29	8.27	8.29	8.27	8.27	8.27	8.27	8.13	8.39	8.31
Residue, non-filterable (mg/L)	Monitor	20	Weekly	3-hr comp.			5 U			5 U		5 U		
Total dissolved solids (TDS) (mg/L)	Monitor	Monitor	Weekly	3-hr comp.			680			670		960		
Mercury, total (mg/L)	Monitor	0.0008	Quarterly	3-hr comp.										
Zinc, total (mg/L)	Monitor	0.3	Quarterly	3-hr comp.										
cis-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab								0.5 U		
trans-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab								0.5 U		
Methylene chloride (ug/L)	Monitor	20	2/Month	Grab								2 U		
1,1,2,2-Tetrachloroethane (ug/L)	Monitor	10	2/Month	Grab								0.5 U		
Tetrachloroethene (ug/L)	Monitor	10	2/Month	Grab								0.5 U		
Toluene (ug/L)	Monitor	20	2/Month	Grab								0.5 U		
Trichloroethene (ug/L)	Monitor	10	2/Month	Grab								0.5 U		

Notes:

--- - Not analyzed, NA - Data Not available

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(1) Minimum monitoring requirements based on SPEDES permit modified November, 21, 1997.

Table 1
Accurate Die Casting Site
Fayetteville, New York
Monitoring Requirements and Effluent Data

Analyte (units)	Monitoring Requirements				Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent
	Discharge Limitation Daily Average	Discharge Limitation Daily Maximum	Minimum Measurement Frequency (1)	Sample Type	2/13/2012	2/14/2012	2/15/2012	2/17/2012	2/21/2012	2/22/2012	2/23/2012	2/24/2012	2/28/2012	2/29/2012
Flow (GPD)	Monitor	150000	Continuous	Meter	12103	12326	12271	12277	12245	12208	12256	12177	12072	11990
pH (SU)	6.5-8.5		2/Week	Grab	8.34	8.29	8.35	8.4	8.48	8.41	8.4	8.31	8.33	8.38
Residue, non-filterable (mg/L)	Monitor	20	Weekly	3-hr comp.	5 U				5 U				5 U	
Total dissolved solids (TDS) (mg/L)	Monitor	Monitor	Weekly	3-hr comp.	650				640				660	
Mercury, total (mg/L)	Monitor	0.0008	Quarterly	3-hr comp.										
Zinc, total (mg/L)	Monitor	0.3	Quarterly	3-hr comp.										
cis-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab					0.5 U					
trans-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab					0.5 U					
Methylene chloride (ug/L)	Monitor	20	2/Month	Grab					2 U					
1,1,2,2-Tetrachloroethane (ug/L)	Monitor	10	2/Month	Grab					0.5 U					
Tetrachloroethene (ug/L)	Monitor	10	2/Month	Grab					0.5 U					
Toluene (ug/L)	Monitor	20	2/Month	Grab					0.5 U					
Trichloroethene (ug/L)	Monitor	10	2/Month	Grab					0.5 U					

Notes:

--- - Not analyzed, NA - Data Not available

U - Not Detected, J - Estimated, H - Holding times for preparation or analyses exceeded

(1) Minimum monitoring requirements based on SPEDES permit modified November, 21, 1997.

Table 1
Accurate Die Casting Site
Fayetteville, New York
Monitoring Requirements and Effluent Data

Analyte (units)	Monitoring Requirements				Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent
	Discharge Limitation	Discharge Limitation	Minimum Measurement	Sample										
	Daily Average	Daily Maximum	Frequency (1)	Type	3/1/2012	3/5/2012	3/6/2012	3/8/2012	3/9/2012	3/12/2012	3/14/2012	3/16/2012	3/23/2012	3/26/2012
Flow (GPD)	Monitor	150000	Continuous	Meter	12150	13278	11960	11650	12220	12105	12274	12099	12076	12051
pH (SU)	6.5-8.5		2/Week	Grab	8.31	8.27	8.33	7.6	7.3	7.1	7.11	7.29	7.31	7.25
Residue, non-filterable (mg/L)	Monitor	20	Weekly	3-hr comp.		5 U				5 U			5 U	5 U
Total dissolved solids (TDS) (mg/L)	Monitor	Monitor	Weekly	3-hr comp.		620				720			660	640
Mercury, total (mg/L)	Monitor	0.0008	Quarterly	3-hr comp.										
Zinc, total (mg/L)	Monitor	0.3	Quarterly	3-hr comp.										
cis-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab		0.5 U							0.5 U	
trans-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab		0.5 U							0.5 U	
Methylene chloride (ug/L)	Monitor	20	2/Month	Grab		2 U							2 U	
1,1,2,2-Tetrachloroethane (ug/L)	Monitor	10	2/Month	Grab		0.5 U							0.5 U	
Tetrachloroethene (ug/L)	Monitor	10	2/Month	Grab		0.5 U							0.5 U	
Toluene (ug/L)	Monitor	20	2/Month	Grab		0.5 U							0.5 U	
Trichloroethene (ug/L)	Monitor	10	2/Month	Grab		0.5 U							0.5 U	

Notes:

--- - Not analyzed, NA - Data Not available

U - Not Detected, J - Estimated, H - Holding times for preparation or analyses exceeded

(1) Minimum monitoring requirements based on SPEDES permit modified November, 21, 1997.

Table 1
Accurate Die Casting Site
Fayetteville, New York
Monitoring Requirements and Effluent Data

Analyte (units)	Monitoring Requirements				Effluent	Effluent
	Discharge Limitation Daily Average	Discharge Limitation Daily Maximum	Minimum Measurement Frequency (1)	Sample Type	3/27/2012	3/30/2012
Flow (GPD)	Monitor	150000	Continuous	Meter	11882	11917
pH (SU)	6.5-8.5		2/Week	Grab	7.34	7.27
Residue, non-filterable (mg/L)	Monitor	20	Weekly	3-hr comp.		
Total dissolved solids (TDS) (mg/L)	Monitor	Monitor	Weekly	3-hr comp.		
Mercury, total (mg/L)	Monitor	0.0008	Quarterly	3-hr comp.		
Zinc, total (mg/L)	Monitor	0.3	Quarterly	3-hr comp.		
cis-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab		
trans-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab		
Methylene chloride (ug/L)	Monitor	20	2/Month	Grab		
1,1,2,2-Tetrachloroethane (ug/L)	Monitor	10	2/Month	Grab		
Tetrachloroethene (ug/L)	Monitor	10	2/Month	Grab		
Toluene (ug/L)	Monitor	20	2/Month	Grab		
Trichloroethene (ug/L)	Monitor	10	2/Month	Grab		

Life Science Laboratories, Inc.
5854 Butternut Drive
East Syracuse, NY 13057 (315) 445-1900

Friday, January 13, 2012

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.: K1201001

Dear Mr. Al Farrell:

Life Science Laboratories, Inc. received 5 sample(s) on 1/3/2012 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: K1201001
Matrix: WATER

Lab ID: **K1201001-001A**
Client Sample ID: *WTP Effluent Comp 1/3/12*
Collection Date: 01/03/12 8:00
Date Received: 01/03/12 8:50

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
MERCURY			**EPA 245.1**		**(E245.1)**	
Mercury	ND		0.00020	mg/L	1	01/11/12 15:44
TOTAL METALS BY ICP			**EPA 200.7**		**(E200.2)**	
Zinc	ND		0.020	mg/L	1	01/06/12 14:33

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: K1201001
Matrix: WATER

Lab ID: **K1201001-001B**
Client Sample ID: *WTP Effluent Comp 1/3/12*
Collection Date: 01/03/12 8:00
Date Received: 01/03/12 8:50

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
RESIDUE-FILTERABLE (TDS)			**SM 18-20 2540 C**			
Residue-filterable (TDS)	680		10	mg/L	1	01/06/12 9:30
RESIDUE-NON-FILTERABLE (TSS)			**SM 18-20 2540 D**			
Residue-non-filterable (TSS)	ND		5.0	mg/L	1	01/03/12 14:00

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**

Analytical Results

StateCertNo: 10248

CLIENT O'Brien & Gere Engineers, Inc.
Project: Former Accurate Die Cast
W Order: K1201001
Matrix: WATER

Lab ID: **K1201001-002A**
Client Sample ID: *WTP Influent Comp 1/3/12*
Collection Date: 01/03/12 8:00
Date Received: 01/03/12 8:50

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
MERCURY			**EPA 245.1**		**(E245.1)**	
Mercury	ND		0.00020	mg/L	1	01/11/12 15:46
TOTAL METALS BY ICP			**EPA 200.7**		**(E200.2)**	
Zinc	ND		0.020	mg/L	1	01/06/12 14:37

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.	**Lab ID:**	**K1201001-003A**
Project:	Former Accurate Die Cast	**Client Sample ID:**	*WTP Effluent Grab 1/3/12*
W Order:	K1201001		
Matrix:	WATER	**Collection Date:**	01/03/12 8:00
		Date Received:	01/03/12 8:50
Inst. ID:	MS03_10	**Sample Size:** 10 mL	**PrepDate:**
ColumnID	Rtx-502.2	**%Moisture:**	**BatchNo:** R23364
Revision:	01/05/12 8:48	**TestCode** 8260W	**FileID:** 1-SAMP-J3379.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	01/04/12 17:48
cis-1,2-Dichloroethene	ND		0.50	µg/L	1	01/04/12 17:48
Methylene chloride	ND		2.00	µg/L	1	01/04/12 17:48
Tetrachloroethene	ND		0.50	µg/L	1	01/04/12 17:48
Toluene	ND		0.50	µg/L	1	01/04/12 17:48
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	01/04/12 17:48
Trichloroethene	ND		0.50	µg/L	1	01/04/12 17:48
Surr: 1,2-Dichloroethane-d4	105		75-128	%REC	1	01/04/12 17:48
Surr: 4-Bromofluorobenzene	108		75-125	%REC	1	01/04/12 17:48
Surr: Toluene-d8	97		75-125	%REC	1	01/04/12 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) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT	O'Brien & Gere Engineers, Inc.	**Lab ID:**	**K1201001-004A**
Project:	Former Accurate Die Cast	**Client Sample ID:**	*WTP Between Carbon Grab 1/3/12*
W Order:	K1201001		
Matrix:	WATER	**Collection Date:**	01/03/12 8:00
		Date Received:	01/03/12 8:50
Inst. ID:	MS03_10	**Sample Size:** 10 mL	**PrepDate:**
ColumnID	Rtx-502.2	**%Moisture:**	**BatchNo:** R23364
Revision:	01/05/12 8:48	**TestCode** 8260W	**FileID:** 1-SAMP-J3380.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	01/04/12 18:23
cis-1,2-Dichloroethene	ND		0.50	µg/L	1	01/04/12 18:23
Methylene chloride	ND		2.00	µg/L	1	01/04/12 18:23
Tetrachloroethene	ND		0.50	µg/L	1	01/04/12 18:23
Toluene	ND		0.50	µg/L	1	01/04/12 18:23
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	01/04/12 18:23
Trichloroethene	ND		0.50	µg/L	1	01/04/12 18:23
Surr: 1,2-Dichloroethane-d4	106		75-128	%REC	1	01/04/12 18:23
Surr: 4-Bromofluorobenzene	107		75-125	%REC	1	01/04/12 18:23
Surr: Toluene-d8	94		75-125	%REC	1	01/04/12 18:23

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: K1201001
Matrix: WATER

Lab ID: **K1201001-005A**
Client Sample ID: *WTP Influent Grab 1/3/12*
Collection Date: 01/03/12 8:00
Date Received: 01/03/12 8:50

Inst. ID: MS03_10 **Sample Size:** 10 mL
ColumnID Rtx-502.2 **%Moisture:**
Revision: 01/05/12 8:48 **TestCode** 8260W
Col Type:

PrepDate:
BatchNo: R23364
FileID: 1-SAMP-J3381.D

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	01/04/12 18:58
cis-1,2-Dichloroethene	ND		10.0	µg/L	20	01/04/12 18:58
Methylene chloride	ND		40.0	µg/L	20	01/04/12 18:58
Tetrachloroethene	ND		10.0	µg/L	20	01/04/12 18:58
Toluene	ND		10.0	µg/L	20	01/04/12 18:58
trans-1,2-Dichloroethene	ND		10.0	µg/L	20	01/04/12 18:58
Trichloroethene	460		10.0	µg/L	20	01/04/12 18:58
Surr: 1,2-Dichloroethane-d4	106		75-128	%REC	20	01/04/12 18:58
Surr: 4-Bromofluorobenzene	118		75-125	%REC	20	01/04/12 18:58
Surr: Toluene-d8	94		75-125	%REC	20	01/04/12 18:58

Qualifiers:

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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

K1201001

Life Science Laboratories, Inc.
Central Lab

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

Chain of Custody

Client: OBRIEN & GERE
Project: FORMER ACCURATE DIE
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	Analysis/Method: ZN, Hg	TSS, TDS	8260	8021				Comments
001 AB EFFLUENT	1-3-12	8:00	WATER	COMP	2	1	1						
002 INFFLUENT	1-3-12	8:00	WATER	COMP	1	1							
003 EFFLUENT	1-3-12	8:00	WATER	GRAB	3			3					
0004 BETWEEN CARBONS	1-3-12	8:00	WATER	GRAB	3				3				
005 INFLUENT	1-3-12	8:00	WATER	GRAB	3				3				

Relinquished by: Martin Koennecke Date: 1-3-12 Time: 8:50
Relinquished by: Date: Time:
Relinquished by: Date: Time:
Shipment Method: HAND

Received by: Date: Time:
Received by: Date: Time:
Received by Lab: Date: 1-3-12 Time: 08:50
Airbill Number:

Turnaround Time Required:
Routine X
Rush

Comments:

Cooler Temperature: 10.0° on Ice

Original - Laboratory
Copy - Client

Life Science Laboratories, Inc.

Sample Receipt Checklist

Client Name: **OBG-MS**

Date and Time Received: **1/3/2012 8:50:00 AM**

Work Order Number: **K1201001**

Received by: gis

Checklist completed by: AC (Initials) 1-3-12 (Date)

Reviewed by: AC (Initials) 1-3-12 (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 ☐

pH	Preservative	pH Acceptable	Sample ID	Volume of Preservative added in Lab.
>12	NaOH	Yes ☐ N ☐ NA ☑		
<2	HNO3	Yes ☑ N ☐ NA ☐		
<2	HSO4	Yes ☐ N ☐ NA ☑		
<2	1:1 HCL	Yes ☑ N ☐ NA ☐		
5-9	Pest/PCBs (608/8081)	Yes ☐ N ☐ NA ☑		

Comments:

Corrective Action:

Life Science Laboratories, Inc.
5854 Butternut Drive
East Syracuse, NY 13057 **(315) 445-1900**

Tuesday, January 31, 2012

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.: K1201036

Dear Mr. Al Farrell:

Life Science Laboratories, Inc. received 1 sample(s) on 1/9/2012 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: K1201036
Matrix: WATER

Lab ID: **K1201036-001A**
Client Sample ID: *Effluent Comp 1/9/12*
Collection Date: 01/09/12 7:30
Date Received: 01/09/12 8:01

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
RESIDUE-FILTERABLE (TDS)			**SM 18-20 2540 C**			
Residue-filterable (TDS)	690		10	mg/L	1	01/10/12 11:00
RESIDUE-NON-FILTERABLE (TSS)			**SM 18-20 2540 D**			
Residue-non-filterable (TSS)	ND		5.0	mg/L	1	01/12/12 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

K1201036

Life Science Laboratories, Inc.
Central Lab

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

Chain of Custody

Client: O'BRIEN & GERE
Project: FORMER ACCURATE DIE
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	Analysis/Method: TSS, TDS							Comments
EFFLUENT	1-9-12	730	WATER	COMP	1	1							

Relinquished by: Martin Koennecke	Date: 1-9-12 Time: 8:00	Received by:	Date: Time:
Relinquished by:	Date: Time:	Received by:	Date: Time:
Relinquished by:	Date: Time:	Received by Lab: 01-09-12 18:01 IN	Date: Time:
Shipment Method: HAND		Airbill Number:	

Turnaround Time Required:
Routine X
Rush _____

Comments:

Cooler Temperature: _____

Original - Laboratory
Copy - Client

Life Science Laboratories, Inc.

Sample Receipt Checklist

Client Name: **OBG-MS**

Date and Time Received: **1/9/2012 8:01:00 AM**

Work Order Number: **K1201036**

Received by: esb

Checklist completed by: GS 1-9-12 (Initials / Date)

Reviewed by: AZ 1-9-12 (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) 445-1900**

Thursday, February 02, 2012

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.: K1201141

Dear Mr. Al Farrell:

Life Science Laboratories, Inc. received 2 sample(s) on 1/18/2012 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: K1201141
Matrix: WATER

Lab ID: **K1201141-001A**
Client Sample ID: *Effluent Comp 1/18/12 07:30*
Collection Date: 01/18/12 7:30
Date Received: 01/18/12 8:08

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
RESIDUE-FILTERABLE (TDS)			**SM 18-20 2540 C**			
Residue-filterable (TDS)	650		10	mg/L	1	01/19/12 8:54
RESIDUE-NON-FILTERABLE (TSS)			**SM 18-20 2540 D**			
Residue-non-filterable (TSS)	ND		5.0	mg/L	1	01/24/12 14:00

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

Analytical Results

StateCertNo: 10248

CLIENT O'Brien & Gere Engineers, Inc.
Project: Former Accurate Die Cast
W Order: K1201141
Matrix: WATER

Lab ID: K1201141-002A
Client Sample ID: *Effluent Grab 1/18/12 07:30*

Collection Date: 01/18/12 7:30
Date Received: 01/18/12 8:08

Inst. ID: MSK_75 **Sample Size** 10 mL
ColumnID: Rtx-VMS **%Moisture:**
Revision: 01/24/12 14:23 **TestCode** 8260W
Col Type:

PrepDate:
BatchNo: R23453
FileID: 1-SAMP-K7887.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	01/20/12 20:56
cis-1,2-Dichloroethene	ND		0.50	µg/L	1	01/20/12 20:56
Methylene chloride	ND		2.00	µg/L	1	01/20/12 20:56
Tetrachloroethene	ND		0.50	µg/L	1	01/20/12 20:56
Toluene	ND		0.50	µg/L	1	01/20/12 20:56
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	01/20/12 20:56
Trichloroethene	ND		0.50	µg/L	1	01/20/12 20:56
Surr: 1,2-Dichloroethane-d4	114		75-128	%REC	1	01/20/12 20:56
Surr: 4-Bromofluorobenzene	108		75-125	%REC	1	01/20/12 20:56
Surr: Toluene-d8	101		75-125	%REC	1	01/20/12 20:56

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

K1201141

Life Science Laboratories, Inc.
Central Lab

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

Chain of Custody

Client: OBRIEN & GERE
Project: ACCURATE DIE
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	Analysis/Method: TSS	Analysis/Method: TDS	Analysis/Method	Analysis/Method	Analysis/Method	Analysis/Method	Analysis/Method	Comments
EFFLUENT	1-18-12	7:30	WATER	COMP	1	1							001A
EFFLUENT	1-18-12	7:30	WATER	GRAB	3		3						BCD

Relinquished by: Matt Koenecke Date: 1-18-12 Time: 8:10
Relinquished by: Date: Time:
Relinquished by: Date: Time:
Shipment Method: HAND

Received by: Date: Time:
Received by: Date: Time:
Received by Lab: Date: 1/18/12 Time: 8:08
Airbill Number: 9°C

Turnaround Time Required:
Routine X
Rush

Comments:

Cooler Temperature:

Original - Laboratory
Copy - Client

Life Science Laboratories, Inc.

Sample Receipt Checklist

Client Name: **OBG-MS**

Date and Time Received: **1/18/2012 8:08:00 AM**

Work Order Number: **K1201141**

Received by: hg

Checklist completed by: GS (Initials) 1-18-12 (Date) Reviewed by: AC (Initials) 1-18-12 (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) 445-1900**

Wednesday, February 08, 2012

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.: K1201199

Dear Mr. Al Farrell:

Life Science Laboratories, Inc. received 1 sample(s) on 1/24/2012 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: K1201199
Matrix: WATER

Lab ID: **K1201199-001A**
Client Sample ID: *Effluent Comp 1/24/12*
Collection Date: 01/24/12 7:30
Date Received: 01/24/12 8:32

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
RESIDUE-FILTERABLE (TDS)				**SM 18-20 2540 C**		
Residue-filterable (TDS)	680		10	mg/L	1	01/26/12 9:12
RESIDUE-NON-FILTERABLE (TSS)				**SM 18-20 2540 D**		
Residue-non-filterable (TSS)	ND		5.0	mg/L	1	01/30/12 14:30

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

Print Date: 02/08/12 10:13 **Project Supervisor:** Anthony Crescenzi

K1201199

Life Science Laboratories, Inc.
Central Lab

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

Chain of Custody

Client: OBRIEN & GERE
Project: ACCURATE DIE
Sampled by: MARTIN KOENNEKE
Client Contact: AL FARRAL Phone #

Sample Description

Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	Analysis/Method: TSS, TDS	Comments
001 EFFLUENT	1-24-12	7:30	WATER	COMP	1	1	

Relinquished by: Martin Koenneke Date: 1-24-12 Time: 8:32
Relinquished by: Date: Time:
Relinquished by: Date: Time:
Shipment Method: HAND

Received by: Date: Time:
Received by: Date: Time:
Received by Lab: Date 1-24-12 Time 08:32
Airbill Number:

Turnaround Time Required:
Routine X
Rush

Comments:

Cooler Temperature: 8.0°C

Original - Laboratory
Copy - Client

Life Science Laboratories, Inc.

Sample Receipt Checklist

Client Name: **OBG-MS**

Date and Time Received: **1/24/2012 8:32:00 AM**

Work Order Number: **K1201199**

Received by: gis

Checklist completed by: GS (Initials) 1-24-12 (Date) Reviewed by: AC (Initials) 1-24-12 (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) 445-1900

Wednesday, February 08, 2012

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.: K1201245

Dear Mr. Al Farrell:

Life Science Laboratories, Inc. received 1 sample(s) on 1/30/2012 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: K1201245
Matrix: WATER

Lab ID: **K1201245-001A**
Client Sample ID: *Effluent Comp 1/30/12*
Collection Date: 01/30/12 7:30
Date Received: 01/30/12 8:40

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
RESIDUE-FILTERABLE (TDS)				**SM 18-20 2540 C**		
Residue-filterable (TDS)	670		10	mg/L	1	01/30/12 14:08
RESIDUE-NON-FILTERABLE (TSS)				**SM 18-20 2540 D**		
Residue-non-filterable (TSS)	ND		5.0	mg/L	1	01/30/12 14:30

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

Print Date: 02/08/12 10:16 **Project Supervisor:** Anthony Crescenzi

K1201245

Life Science Laboratories, Inc.
Central Lab

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

Chain of Custody

Client: O'BRIEN & GERE
Project: FORMER ACCURATE DIE
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	Analysis/Method: TSS, TDS							Comments
001 EFFLUENT	1-30-12	730	WATER	COMP	1	1							

Relinquished by: Martin Koenecke Date: 1-30-12 Time 842 Received by: Date: Time:
Relinquished by: Date: Time: Received by: Date: Time:
Relinquished by: Date: Time: Received by Lab: Date: 1-30-12 Time: 08:40
Shipment Method: HAND Airbill Number:

Turnaround Time Required:
Routine X
Rush

Comments:

Cooler Temperature: 8.0°

Original - Laboratory
Copy - Client

Life Science Laboratories, Inc.

Sample Receipt Checklist

Client Name: **OBG-MS**

Date and Time Received: **1/30/2012 8:40:00 AM**

Work Order Number: **K1201245**

Received by: gis

Checklist completed by: GS (Initials) 1-30-12 (Date) Reviewed by: AC (Initials) 1-30-12 (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) 445-1900**

Thursday, February 16, 2012

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.: K1202028

Dear Mr. Al Farrell:

Life Science Laboratories, Inc. received 3 sample(s) on 2/6/2012 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: K1202028
Matrix: WATER

Lab ID: **K1202028-001A**
Client Sample ID: *Effluent Comp 2/6/11*
Collection Date: 02/06/12 8:00
Date Received: 02/06/12 8:40

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
RESIDUE-FILTERABLE (TDS)				**SM 18-20 2540 C**		
Residue-filterable (TDS)	960		10	mg/L	1	02/06/12 9:55
RESIDUE-NON-FILTERABLE (TSS)				**SM 18-20 2540 D**		
Residue-non-filterable (TSS)	ND		5.0	mg/L	1	02/07/12

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.	**Lab ID:**	**K1202028-002A**
Project:	Former Accurate Die Cast	**Client Sample ID:**	*Effluent Grab 2/6/11*
W Order:	K1202028		
Matrix:	WATER	**Collection Date:**	02/06/12 8:00
		Date Received:	02/06/12 8:40
Inst. ID:	MSK_75	**Sample Size** 10 mL	**PrepDate:**
ColumnID:	Rtx-VMS	**%Moisture:**	**BatchNo:** R23574
Revision:	02/14/12 11:25	**TestCode** 8260W	**FileID:** 1-SAMP-K8138.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	02/08/12 14:37
cis-1,2-Dichloroethene	ND		0.50	µg/L	1	02/08/12 14:37
Methylene chloride	ND		2.00	µg/L	1	02/08/12 14:37
Tetrachloroethene	ND		0.50	µg/L	1	02/08/12 14:37
Toluene	ND		0.50	µg/L	1	02/08/12 14:37
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	02/08/12 14:37
Trichloroethene	ND		0.50	µg/L	1	02/08/12 14:37
Surr: 1,2-Dichloroethane-d4	100		75-128	%REC	1	02/08/12 14:37
Surr: 4-Bromofluorobenzene	119		75-125	%REC	1	02/08/12 14:37
Surr: Toluene-d8	107		75-125	%REC	1	02/08/12 14:37

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.	**Lab ID:**	**K1202028-003A**
Project:	Former Accurate Die Cast	**Client Sample ID:**	*Between Carbons Grab 2/61/11*
W Order:	K1202028		
Matrix:	WATER	**Collection Date:**	02/06/12 8:00
		Date Received:	02/06/12 8:40
Inst. ID:	MSK_75	**Sample Size** 10 mL	**PrepDate:**
ColumnID:	Rtx-VMS	**%Moisture:**	**BatchNo:** R23574
Revision:	02/14/12 9:19	**TestCode** 8260W	**FileID:** 1-SAMP-K8140.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	02/08/12 15:41
cis-1,2-Dichloroethene	0.53		0.50	µg/L	1	02/08/12 15:41
Methylene chloride	ND		2.00	µg/L	1	02/08/12 15:41
Tetrachloroethene	ND		0.50	µg/L	1	02/08/12 15:41
Toluene	ND		0.50	µg/L	1	02/08/12 15:41
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	02/08/12 15:41
Trichloroethene	ND		0.50	µg/L	1	02/08/12 15:41
Surr: 1,2-Dichloroethane-d4	100		75-128	%REC	1	02/08/12 15:41
Surr: 4-Bromofluorobenzene	115		75-125	%REC	1	02/08/12 15:41
Surr: Toluene-d8	107		75-125	%REC	1	02/08/12 15:41

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

K1202028

Life Science Laboratories, Inc.
Central Lab

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

Chain of Custody

Client: O'BRIEN & GERE
Project: FORMER ACCURATE DIE
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	Analysis/Method: TSS, TDS	8260	8021					Comments
EFFLUENT	2-6-12	8:00	WATER	COMP	1	1							
EFFLUENT	2-6-12	8:00	WATER	GRAB	3		3						
BETWEEN CARBONS	2-6-12	8:00	WATER	GRAB	3			3					

Relinquished by: Martin Koennecke Date: 2-6-12 Time: 840
Relinquished by: Date: Time:
Relinquished by: Date: Time:
Shipment Method: HAND

Received by: Date: Time:
Received by: Date: Time:
Received by Lab: [signature] Date: 2-6-12 Time: 8:40
Airbill Number:

Turnaround Time Required:
Routine X
Rush

Comments:

Cooler Temperature: 7.0°C

Original - Laboratory
Copy - Client

Life Science Laboratories, Inc.

Sample Receipt Checklist

Client Name: **OBG-MS**

Date and Time Received: **2/6/2012 8:40:00 AM**

Work Order Number: **K1202028**

Received by: gis

Checklist completed by: GS (Initials) 2-6-12 (Date)

Reviewed by: AC (Initials) 2-6-12 (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) 445-1900

Tuesday, February 21, 2012

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.: K1202122

Dear Mr. Al Farrell:

Life Science Laboratories, Inc. received 1 sample(s) on 2/13/2012 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: K1202122
Matrix: WATER

Lab ID: **K1202122-001A**
Client Sample ID: *Effluent Comp 2/13/12*
Collection Date: 02/13/12 8:00
Date Received: 02/13/12 8:25

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
RESIDUE-FILTERABLE (TDS)			**SM 18-20 2540 C**			
Residue-filterable (TDS)	650		10	mg/L	1	02/16/12 11:45
RESIDUE-NON-FILTERABLE (TSS)			**SM 18-20 2540 D**			
Residue-non-filterable (TSS)	ND		5.0	mg/L	1	02/16/12

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: 02/21/12 10:20 **Project Supervisor:** Anthony Crescenzi

K1202122

Life Science Laboratories, Inc.
Central Lab

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

Chain of Custody

Client: OBRIEN & GERE
Project: FORMER ACCURATE DIE
Sampled by: MARTIN KOERNECKE
Client Contact: AL FARREL Phone #

Sample Description

Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	Analysis/Method: TSS, TDS							Comments
001 EFFLUENT	2-13-12	8:00	WATER	COMP	1	1							

Relinquished by: Matt Koerner	Date: 2-13-12 Time: 8:25	Received by:	Date: Time:
Relinquished by:	Date: Time:	Received by:	Date: Time:
Relinquished by:	Date: Time:	Received by Lab:	Date: 2-13-12 Time: 08:25
Shipment Method: HAND		Airbill Number:	

Turnaround Time Required:
Routine X
Rush

Comments:

Cooler Temperature: 9.0 <

Original - Laboratory
Copy - Client

Life Science Laboratories, Inc.

Sample Receipt Checklist

Client Name: **OBG-MS**

Date and Time Received: **2/13/2012 8:25:00 AM**

Work Order Number: **K1202122**

Received by: gis

Checklist completed by: AC 2-13-12 (Initials / Date)

Reviewed by: AC 2-13-12 (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) 445-1900**

Wednesday, February 29, 2012

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.: K1202211

Dear Mr. Al Farrell:

Life Science Laboratories, Inc. received 2 sample(s) on 2/21/2012 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: K1202211
Matrix: WATER

Lab ID: **K1202211-001A**
Client Sample ID: *Effluent Comp 2/21/12 07:30*

Collection Date: 02/21/12 7:30
Date Received: 02/21/12 8:03

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
RESIDUE-FILTERABLE (TDS)				**SM 18-20 2540 C**		
Residue-filterable (TDS)	640		10	mg/L	1	02/21/12 11:06
RESIDUE-NON-FILTERABLE (TSS)				**SM 18-20 2540 D**		
Residue-non-filterable (TSS)	ND		5.0	mg/L	1	02/21/12 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.	**Lab ID:**	**K1202211-002A**
Project:	Former Accurate Die Cast	**Client Sample ID:**	***Effluent Grab 2/21/12 07:30***
W Order:	K1202211		
Matrix:	WATER	**Collection Date:**	02/21/12 7:30
		Date Received:	02/21/12 8:03
Inst. ID:	MSK_75	**Sample Size** 10 mL	**PrepDate:**
ColumnID:	Rtx-VMS	**%Moisture:**	**BatchNo:** R23659
Revision:	02/27/12 15:25	**TestCode** 8260W	**FileID:** 1-SAMP-K8471.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	02/27/12 12:35
cis-1,2-Dichloroethene	ND		0.50	µg/L	1	02/27/12 12:35
Methylene chloride	ND		2.00	µg/L	1	02/27/12 12:35
Tetrachloroethene	ND		0.50	µg/L	1	02/27/12 12:35
Toluene	ND		0.50	µg/L	1	02/27/12 12:35
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	02/27/12 12:35
Trichloroethene	ND		0.50	µg/L	1	02/27/12 12:35
Surr: 1,2-Dichloroethane-d4	103		75-128	%REC	1	02/27/12 12:35
Surr: 4-Bromofluorobenzene	116		75-125	%REC	1	02/27/12 12:35
Surr: Toluene-d8	102		75-125	%REC	1	02/27/12 12:35

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

K1202211

Life Science Laboratories, Inc.
Central Lab

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

Chain of Custody

Client: O'BRIEN & GERE
Project: Former ACCURATE DIE
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	Analysis/Method: TSS, TDS	Analysis/Method: 8260	Comments
001 EFFLUENT	2-21-12	7:30	WATER	COMP	1	1		
002 EFFLUENT	2-21-12	7:30	WATER	GRAB	3		3	

Relinquished by: Martin Koennecke	Date: 2-21-12 Time: 805	Received by:	Date: Time:
Relinquished by:	Date: Time:	Received by:	Date: Time:
Relinquished by:	Date: Time:	Received by Lab:	Date: 2.21.12 Time: 0803
Shipment Method: HAND		Airbill Number:	

Turnaround Time Required:
Routine X
Rush

Comments:

Cooler Temperature: 7.8°

Original - Laboratory
Copy - Client

Life Science Laboratories, Inc.

Sample Receipt Checklist

Client Name: **OBG-MS**

Date and Time Received: **2/21/2012 8:03:00 AM**

Work Order Number: **K1202211**

Received by: esb

Checklist completed by: GS (Initials) 2-21-12 (Date)

Reviewed by: AC (Initials) 2-21-12 (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) 445-1900**

Monday, March 12, 2012

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.: K1202266

Dear Mr. Al Farrell:

Life Science Laboratories, Inc. received 1 sample(s) on 2/28/2012 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: K1202266
Matrix: WATER

Lab ID: K1202266-001A
Client Sample ID: *Effluent Comp 2/28/12*
Collection Date: 02/28/12 7:30
Date Received: 02/28/12 8:11

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
RESIDUE-FILTERABLE (TDS)				**SM 18-20 2540 C**		
Residue-filterable (TDS)	660		10	mg/L	1	03/01/12 10:07
RESIDUE-NON-FILTERABLE (TSS)				**SM 18-20 2540 D**		
Residue-non-filterable (TSS)	ND		5.0	mg/L	1	02/28/12 15:00

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.
Central Lab

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

Chain of Custody

Client: O'BRIEN & GERE
Project: FORMER ACCURATE DIE
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	Analysis/Method: TSS, TDS							Comments
EFFLUENT	2-28-12	7:30	WATER	COMP	1	1							

Relinquished by: MARTIN KOENNECKE	Date: 2-28-12 Time: 812	Received by:	Date: Time:
Relinquished by:	Date: Time:	Received by:	Date: Time:
Relinquished by:	Date: Time:	Received by Lab:	Date: 2/28/12 Time: 811
Shipment Method: HAND		Airbill Number:	FOC

Turnaround Time Required:
Routine X
Rush _____

Comments:

Cooler Temperature: _____

Original - Laboratory
Copy - Client

Life Science Laboratories, Inc.

Sample Receipt Checklist

Client Name: **OBG-MS**

Date and Time Received: **2/28/2012 8:11:00 AM**

Work Order Number: **K1202266**

Received by:

Checklist completed by: AC (Initials) 2-28-12 (Date)

Reviewed by: AC (Initials) 2-28-12 (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) 445-1900**

Monday, March 12, 2012

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.: K1203029

Dear Mr. Al Farrell:

Life Science Laboratories, Inc. received 3 sample(s) on 3/5/2012 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: K1203029
Matrix: WATER

Lab ID: **K1203029-001A**
Client Sample ID: *Effluent Comp 3/5/12*
Collection Date: 03/05/12 8:00
Date Received: 03/05/12 8:20

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
RESIDUE-FILTERABLE (TDS)				**SM 18-20 2540 C**		
Residue-filterable (TDS)	620		10	mg/L	1	03/06/12 10:37
RESIDUE-NON-FILTERABLE (TSS)				**SM 18-20 2540 D**		
Residue-non-filterable (TSS)	ND		5.0	mg/L	1	03/06/12 14:00

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

Analytical Results

StateCertNo: 10248

CLIENT	O'Brien & Gere Engineers, Inc.	**Lab ID:**	**K1203029-002A**
Project:	Former Accurate Die Cast	**Client Sample ID:**	*Effluent Grab 3/5/12*
W Order:	K1203029		
Matrix:	WATER	**Collection Date:**	03/05/12 8:00
		Date Received:	03/05/12 8:20
Inst. ID:	MSK_75	**Sample Size** 10 mL	**PrepDate:**
ColumnID:	Rtx-VMS	**%Moisture:**	**BatchNo:** R23712
Revision:	03/08/12 12:46	**TestCode** 8260W	**FileID:** 1-SAMP-K8620.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	03/06/12 12:46
cis-1,2-Dichloroethene	ND		0.50	µg/L	1	03/06/12 12:46
Methylene chloride	ND		2.00	µg/L	1	03/06/12 12:46
Tetrachloroethene	ND		0.50	µg/L	1	03/06/12 12:46
Toluene	ND		0.50	µg/L	1	03/06/12 12:46
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	03/06/12 12:46
Trichloroethene	ND		0.50	µg/L	1	03/06/12 12:46
Surr: 1,2-Dichloroethane-d4	95		75-128	%REC	1	03/06/12 12:46
Surr: 4-Bromofluorobenzene	84		75-125	%REC	1	03/06/12 12:46
Surr: Toluene-d8	108		75-125	%REC	1	03/06/12 12:46

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: K1203029
Matrix: WATER

Lab ID: **K1203029-003A**
Client Sample ID: ***Between Carbons Grab 3/5/12***
Collection Date: 03/05/12 8:00
Date Received: 03/05/12 8:20

Inst. ID: MSK_75 **Sample Size** 10 mL
ColumnID: Rtx-VMS **%Moisture:**
Revision: 03/08/12 12:46 **TestCode** 8260W
Col Type:

PrepDate:
BatchNo: R23712
FileID: 1-SAMP-K8625.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	03/06/12 15:25
cis-1,2-Dichloroethene	1.54		0.50	µg/L	1	03/06/12 15:25
Methylene chloride	ND		2.00	µg/L	1	03/06/12 15:25
Tetrachloroethene	ND		0.50	µg/L	1	03/06/12 15:25
Toluene	ND		0.50	µg/L	1	03/06/12 15:25
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	03/06/12 15:25
Trichloroethene	3.43		0.50	µg/L	1	03/06/12 15:25
Surr: 1,2-Dichloroethane-d4	93		75-128	%REC	1	03/06/12 15:25
Surr: 4-Bromofluorobenzene	86		75-125	%REC	1	03/06/12 15:25
Surr: Toluene-d8	108		75-125	%REC	1	03/06/12 15:25

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

K1203029

Life Science Laboratories, Inc.
Central Lab

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

Chain of Custody

Client: O'BRIEN & GERE
Project: Former Accurate Die
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	Analysis/Method: TSS, TDS	8260	8021					Comments
EFFLUENT	3-5-12	8:00	WATER	Comp	1	1							
EFFLUENT	3-5-12	8:00	WATER	GRAB	3		3						
BETWEEN CARBONS	3-5-12	8:00	WATER	GRAB	3			3					

Relinquished by: Martin Koennecke	Date: 3-5-12	Time: 8 20	Received by:
Relinquished by:	Date:	Time:	Received by:
Relinquished by:	Date:	Time:	Received by Lab:
Shipment Method: HAND			Airbill Number:

Date: | Time:
Date: | Time:
Date: 3-5-12 | Time: 08:20

Turnaround Time Required:
Routine X
Rush

Comments:

Cooler Temperature: 3.0 C

Original - Laboratory
Copy - Client

Life Science Laboratories, Inc.

Sample Receipt Checklist

Client Name: **OBG-MS**

Date and Time Received: **3/5/2012 8:20:00 AM**

Work Order Number: **K1203029**

Received by: gis

Checklist completed by: GS 3-5-12 (Initials / Date) Reviewed by: [illegible] 3-5-12 (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) 445-1900**

Wednesday, March 21, 2012

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.: K1203113

Dear Mr. Al Farrell:

Life Science Laboratories, Inc. received 1 sample(s) on 3/12/2012 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: K1203113
Matrix: WATER

Lab ID: **K1203113-001A**
Client Sample ID: *Effluent Comp 3/12/12*
Collection Date: 03/12/12 8:00
Date Received: 03/12/12 8:20

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
RESIDUE-FILTERABLE (TDS)			**SM 18-20 2540 C**			
Residue-filterable (TDS)	720		10	mg/L	1	03/13/12 10:07
RESIDUE-NON-FILTERABLE (TSS)			**SM 18-20 2540 D**			
Residue-non-filterable (TSS)	ND		5.0	mg/L	1	03/15/12

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

K120313

Life Science Laboratories, Inc.
Central Lab

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

Chain of Custody

Client: OBRIEN & GERE
Project: Former Accurate Die
Sampled by: MARTIN Kornnecker
Client Contact: AL FARRELL Phone #

Sample Description

Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	Analysis/Method: TSS, TDS	Comments
EFFLUENT	3-12-12	8:00	water	Comp	1	1	

Relinquished by: Martin Kornnecker	Date: 3-12-12 Time: 8:30	Received by:	Date: Time:
Relinquished by:	Date: Time:	Received by:	Date: Time:
Relinquished by:	Date: Time:	Received by Lab:	Date: 3-12-12 Time: 08:20
Shipment Method: HAND		Airbill Number:	

Turnaround Time Required:
Routine X
Rush

Comments:

Cooler Temperature: 7.0°

Original - Laboratory
Copy - Client

Life Science Laboratories, Inc.

Sample Receipt Checklist

Client Name: **OBG-MS**

Date and Time Received: **3/12/2012 8:20:00 AM**

Work Order Number: **K1203113**

Received by: gis

Checklist completed by: GS (Initials) 3-12-12 (Date)

Reviewed by: AC (Initials) 3-12-12 (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) 445-1900**

Friday, April 06, 2012

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.: K1203237

Dear Mr. Al Farrell:

Life Science Laboratories, Inc. received 2 sample(s) on 3/23/2012 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: K1203237
Matrix: WATER

Lab ID: **K1203237-001A**
Client Sample ID: *Effluent Comp 3/23/12 08:15*
Collection Date: 03/23/12 8:15
Date Received: 03/23/12 8:40

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
RESIDUE-FILTERABLE (TDS)				**SM 18-20 2540 C**		
Residue-filterable (TDS)	660		10	mg/L	1	03/27/12 10:00
RESIDUE-NON-FILTERABLE (TSS)				**SM 18-20 2540 D**		
Residue-non-filterable (TSS)	ND		5.0	mg/L	1	03/26/12 14:00

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**

Analytical Results

StateCertNo: 10248

CLIENT	O'Brien & Gere Engineers, Inc.	**Lab ID:**	**K1203237-002A**
Project:	Former Accurate Die Cast	**Client Sample ID:**	***Effluent Grab 3/23/12 08:15***
W Order:	K1203237		
Matrix:	WATER	**Collection Date:**	03/23/12 8:15
		Date Received:	03/23/12 8:40
Inst. ID:	MS01_11	**Sample Size** 10 mL	**PrepDate:**
ColumnID:	Rtx-VMS	**%Moisture:**	**BatchNo:** R23854
Revision:	04/05/12 14:52	**TestCode** 8260W	**FileID:** 1-SAMP-T3078.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	04/05/12 12:00
cis-1,2-Dichloroethene	ND		0.50	µg/L	1	04/05/12 12:00
Methylene chloride	ND		2.00	µg/L	1	04/05/12 12:00
Tetrachloroethene	ND		0.50	µg/L	1	04/05/12 12:00
Toluene	ND		0.50	µg/L	1	04/05/12 12:00
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	04/05/12 12:00
Trichloroethene	ND		0.50	µg/L	1	04/05/12 12:00
Surr: 1,2-Dichloroethane-d4	117		75-128	%REC	1	04/05/12 12:00
Surr: 4-Bromofluorobenzene	98		75-125	%REC	1	04/05/12 12:00
Surr: Toluene-d8	111		75-125	%REC	1	04/05/12 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

K1203237

Life Science Laboratories, Inc.
Central Lab

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

Chain of Custody

Client: O'BRIEN & GERE
Project: FORMER ACCURATE DIE
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	Analysis/Method: TSS, TDS	Analysis/Method: 8260	Comments
EFFLUENT	3-23-12	815	WATER	COMP	1	1		
EFFLUENT	3-23-12	815	WATER	GRAB	3		3	

Relinquished by: Martin Koennecke Date: 3-23-12 Time: 8:40 Received by: Date: Time:
Relinquished by: Date: Time: Received by: Date: Time:
Relinquished by: Date: Time: Received by Lab: Date: 3-23-12 Time: 8:40
Shipment Method: HAND Airbill Number:

Turnaround Time Required:
Routine X
Rush

Comments:

Cooler Temperature: 9.0 C on Ice

Original - Laboratory
Copy - Client

Life Science Laboratories, Inc.

Sample Receipt Checklist

Client Name: **OBG-MS**

Date and Time Received: **3/23/2012 8:40:00 AM**

Work Order Number: **K1203237**

Received by: gis

Checklist completed by: GS (Initials) 3-23-12 (Date)

Reviewed by: RC (Initials) 3-23-12 (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) 445-1900

Friday, April 06, 2012

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.: K1203253

Dear Mr. Al Farrell:

Life Science Laboratories, Inc. received 1 sample(s) on 3/26/2012 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: K1203253
Matrix: WATER

Lab ID: **K1203253-001A**
Client Sample ID: *Effluent Comp 3/26/12*
Collection Date: 03/26/12 7:30
Date Received: 03/26/12 8:05

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
RESIDUE-FILTERABLE (TDS)				**SM 18-20 2540 C**		
Residue-filterable (TDS)	640		10	mg/L	1	03/27/12 10:00
RESIDUE-NON-FILTERABLE (TSS)				**SM 18-20 2540 D**		
Residue-non-filterable (TSS)	ND		5.0	mg/L	1	03/26/12 14:00

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

K1203253

Life Science Laboratories, Inc.
Central Lab

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

Chain of Custody

Client: O'BRIEN & GERE
Project: Former Accurate Dye
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	Analysis/Method: TSS, TDS	Comments
EFFLUENT	3-26-12	7:30	WATER	Comp	1	1	

Relinquished by: Martin Koennecke	Date: 3-26-12 Time: 805	Received by:	Date: Time:
Relinquished by:	Date: Time:	Received by:	Date: Time:
Relinquished by:	Date: Time:	Received by Lab:	Date: 3-26-12 Time: 08:05
Shipment Method: HAND		Airbill Number:	

Turnaround Time Required:
Routine X
Rush

Comments:

Cooler Temperature: 6.0°

Original - Laboratory
Copy - Client

Life Science Laboratories, Inc.

Sample Receipt Checklist

Client Name: **OBG-MS**

Date and Time Received: **3/26/2012 8:05:00 AM**

Work Order Number: **K1203253**

Received by: gis

Checklist completed by: GS (Initials) 3-26-12 (Date)

Reviewed by: AC (Initials) 3-26-12 (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: