



Mr. Michael Belveg
Regional Enforcement Coordinator – Region 7
New York State Department of Environmental Conservation
615 Erie Blvd. West
Syracuse, NY 13204

Date May 5,2021

Former Accurate Die Casting Site (Site No. 734052), Fayetteville, NY

Dear Mr. Belveg:

This letter presents the status of groundwater treatment plant operations for the former Accurate Die Casting site (Site No. 734052) in Fayetteville, New York for the first quarter of 2021 (January 1 through March 31, 2021). 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 and Activities Completed

As of March 31, 2021, a total of 125,688,249 gallons of groundwater have been treated since startup on February 5, 1996. From January 1 to March 31, 2021, 725,094 gallons of groundwater were treated: 195,422 gallons from recovery well RW-1; 529,506 gallons from recovery well RW-2; and 166 gallons from the collection trench constructed in the former VOC/PAH/PCB Soils Area. No groundwater was recovered from the overburden groundwater collection sump located in the former soil excavation area along the northwest side of the former manufacturing building (Area 2).

The analytical results associated with the SPDES Fact Sheet monitoring activities performed during January, February, and March 2021 are summarized in **Table 1**. The effluent quality during the period complied with the SPDES discharge limits. The laboratory analytical data sheets are provided as **Attachment A**.

Ramboll 333 West Washington Street Syracuse, NY 13202 USA

T 315-956-6100 F 315-463-7554 https://ramboll.com



Activities Scheduled

The groundwater recovery and treatment system will continue to be operated and the SPDES monitoring will continue to be conducted.

If you have any questions regarding this report, please do not hesitate to call David Carnevale at (315) 956-6571.

Yours sincerely

Douglas M. Crawford, PE

Vice President

ENVIRONMENT & HEALTH, AMERICAS

Daugles M. Cranf L.

D 315-956-6442 M 315-200-5204

doug.crawford@ramboll.com

cc: J. Cook - New York State Department of Environmental Conservation

- E. O'Neil New York State Department of Health
- S. McLaughlin New York State Department of Health
- T. Slutzky The Anderson Company
- J. Stanek ITT Corporation
- E. Gernant Ramboll, Office of General Counsel



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

	Monitoring Requirements															
	Discharge	Discharge	Minimum													
Analyte (units)	Limitation	Limitation	Measurement	Sample	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent
	Daily Average	Daily Maximur	m Frequency (1)	Туре	1/4/2021	1/6/2021	1/7/2021	1/8/2021	1/11/2021	1/13/2021	1/15/2021	1/19/2021	1/21/2021	1/25/2021	1/26/2021	1/27/2021
Flow (GPD)	Monitor	150000	Continuous	Meter	7193	7497	7570	7648	7689	7798	7811	7825	7815	7831	7840	7846
pH (SU)	6.5-8.5		2/Week	Grab	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
Residue, non-filterable (mg/L)	Monitor	20	Weekly	3-hr comp.	4 U				6			4 U		4 U		
Total dissolved solids (TDS) (mg/L)	Monitor	Monitor	Weekly	3-hr comp.	826				815			886		845		
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	1.0 U							1.0 U				
trans-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab	1.0 U							1.0 U				
Methylene chloride (ug/L)	Monitor	20	2/Month	Grab	1.0 U							1.0 U				
1,1,2,2-Tetrachloroethane (ug/L)	Monitor	10	2/Month	Grab	1.0 U							1.0 U				
Tetrachloroethene (ug/L)	Monitor	10	2/Month	Grab	1.0 U							1.0 U				
Toluene (ug/L)	Monitor	20	2/Month	Grab	1.0 U							1.0 U				
Trichloroethene (ug/L)	Monitor	10	2/Month	Grab	1.0 U							1.0 U				
	-				Notes:											

Notes:
--- - Not analyzed, NA - Data Not available
U - Not Detected, J - Estimated, H - Holding times for preparation or analyses exceeded, B - Compound found in the blank and sample (1) Minimum monitoring requirements based on SPEDES permit modified November, 21, 1997.



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

## 159.0 6.3-6.3 7.2/Week 6/ab 6.4 6.3	Monitoring Requirements																
Monitor 10 Monitor 10 2 Monitor 10		Discharge	Discharge	Minimum													
Monter 150000 Cottonuous Meter 7764 7769 7791 7668 7558 7514 7490 7379 7242 731 7337 7242 731 7337 7348 7340 7379 7242 731 7337 7348 7340 7379 7242 731 7337 7348 7340 7379 7242 731 7337 7348 7340 7339 7242 731 7337 7348 7340 7339 7342 7341 7337 7348 7340 73	Analyte (units)	Limitation	Limitation	Measurement	Sample	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent
att (SU)		Daily Average	Daily Maximun	n Frequency (1)	Туре	1/29/2021	2/1/2021	2/3/2021	2/8/2021	2/10/2021	2/15/2021	2/16-17/2021	2/22/2021	2/25/2021	2/26/2021	3/1/2021	3/2/2021
Meadure, non-ritterable (mg/L)	Flow (GPD)	Monitor	150000	Continuous	Meter	7764	7769	7791	7668	7558	7514	7489	7400	7379	7242	7341	7537
Mercury, total (mg/L)	pH (SU)	6.5-8.5		2/Week	Grab	8.4	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
Memory, Iolal (mg/L)	Residue, non-filterable (mg/L)	Monitor	20	Weekly	3-hr comp.		4 U		4.0 U			4.0 U		4.0 U		4.0 U	
Monitor 0.3 Quarterly 3-hr comp. 0.0037 3	Total dissolved solids (TDS) (mg/L)	Monitor	Monitor	Weekly	3-hr comp.		796		701			827		895		731	
Monitor 0.3 Quarterly 3-hr comp. 0.0037 1 1.0 U																	
1.0 U 1.0	Mercury, total (mg/L)	Monitor	0.0008	Quarterly	3-hr comp.											0.00020 U	
Pares 2-Pichloroethene (ug/L)	Zinc, total (mg/L)	Monitor	0.3	Quarterly	3-hr comp.											0.0037 J	
Pares 2-Pichloroethene (ug/L)																	
Methylene chloride (ug/L) Monitor 20 2/Month Grab 1.0 U 1.0 U 1,1,2,2-Tetrachlorovethane (ug/L) Monitor 10 2/Month Grab 1.0 U 1.0 U 1cloure (ug/L) Monitor 20 2/Month Grab 1.0 U 1.0 U 1cloure (ug/L) Monitor 20 2/Month Grab 1.0 U 1.0 U 1cloure (ug/L) Monitor 20 2/Month Grab 1.0 U 1.0 U 1cloure (ug/L) Monitor 10 2/Month Grab 1.0 U 1.0 U 1cloure (ug/L) Monitor 10 2/Month Grab 1.0 U 1.0 U 1cloure (ug/L) Monitor 10 2/Month Grab 1.0 U 1.0 U 1cloure (ug/L) Monitor 10 2/Month Grab 1.0 U 1.0	cis-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab		1.0 U							1.0 U		1.0 U	
1,1,2,2-Tetrachloroethane (ug/L) Monitor 10 2/Month Grab 1.0 U	trans-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab		1.0 U							1.0 U		1.0 U	
Fetrachloroethene (ug/L) Monitor 10 2/Month Grab 1.0 U	Methylene chloride (ug/L)	Monitor	20	2/Month	Grab		1.0 U							1.0 U		1.0 U	
Foluene (ug/L) Monitor 20 2/Month Grab 1.0 U 1.0	1,1,2,2-Tetrachloroethane (ug/L)	Monitor	10	2/Month	Grab		1.0 U							1.0 U		1.0 U	
Trichloroethene (ug/L) Monitor 10 2/Month Grab 1.0 U 1.0 U 1.0 U 1.0 U	Tetrachloroethene (ug/L)	Monitor	10	2/Month	Grab		1.0 U							1.0 U		1.0 U	
	Toluene (ug/L)	Monitor	20	2/Month	Grab		1.0 U							1.0 U		1.0 U	
	Trichloroethene (ug/L)	Monitor	10	2/Month	Grab		1.0 U							1.0 U		1.0 U	
Notes:																	

Notes:
--- - Not analyzed, NA - Data Not available
U - Not Detected, J - Estimated, H - Holding times for preparation or analyses exceeded, B - Compound found in the blank and sample
(1) Minimum monitoring requirements based on SPEDES permit modified November, 21, 1997.



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	Monitoring Requirements														
	Discharge	Discharge	Minimum												
Analyte (units)	Limitation	Limitation	Measurement	Sample	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent
	Daily Average	Daily Maximun	n Frequency (1)	Туре	3/5/2021	3/8/2021	3/10/2021	3/11/2021	3/12/2021	3/17/2021	3/26/2021	3/29/2021	3/30/2021	3/31/2021	4/1/2021
Flow (GPD)	Monitor	150000	Continuous	Meter	7802	8159	8415	8250	8607	8538	8760	8866	8756	8982	8979
pH (SU)	6.5-8.5		2/Week	Grab	8.3	8.4	8.4	7.4	7.4	7.4	7.4	7.5	7.5	7.4	7.4
Residue, non-filterable (mg/L)	Monitor	20	Weekly	3-hr comp.		4.0 U				4.0 U	4.0 U	4.0 U			
Total dissolved solids (TDS) (mg/L)	Monitor	Monitor	Weekly	3-hr comp.		775				834	842	813			
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						1.0 U					
trans-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab						1.0 U					
Methylene chloride (ug/L)	Monitor	20	2/Month	Grab						1.0 U					
1,1,2,2-Tetrachloroethane (ug/L)	Monitor	10	2/Month	Grab						1.0 U					
Tetrachloroethene (ug/L)	Monitor	10	2/Month	Grab						1.0 U					
Toluene (ug/L)	Monitor	20	2/Month	Grab						1.0 U					
Trichloroethene (ug/L)	Monitor	10	2/Month	Grab						1.0 U					
					Notoci										

Notes:
--- - Not analyzed, NA - Data Not available
U - Not Detected, J - Estimated, H - Holding times for preparation or analyses exceeded, B - Compound found in the blank and sample
(1) Minimum monitoring requirements based on SPEDES permit modified November, 21, 1997.



Environment Testing America

ANALYTICAL REPORT

Eurofins TestAmerica, Buffalo 10 Hazelwood Drive Amherst, NY 14228-2298 Tel: (716)691-2600

Laboratory Job ID: 480-179913-1

Client Project/Site: Former Accurate Die Cast

For:

O'Brien & Gere Inc of North America 333 West Washington St. PO BOX 4873 East Syracuse, New York 13221

Attn: Mr. David J Carnevale

Jack V. giacomaga

Authorized for release by: 1/18/2021 8:21:50 AM

Joe Giacomazza, Project Manager I (716)691-2600 joe.giacomazza@testamericainc.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
Surrogate Summary	7
QC Sample Results	8
QC Association Summary	10
Lab Chronicle	11
Certification Summary	12
Method Summary	13
Sample Summary	14
Chain of Custody	15
Receipt Checklists	16

4

6

8

9

11

12

14

Definitions/Glossary

Client: O'Brien & Gere Inc of North America

Job ID: 480-179913-1

Project/Site: Former Accurate Die Cast

Relative Error Ratio (Radiochemistry)

Toxicity Equivalent Factor (Dioxin)

Too Numerous To Count

Toxicity Equivalent Quotient (Dioxin)

Reporting Limit or Requested Limit (Radiochemistry)

Relative Percent Difference, a measure of the relative difference between two points

Glossary

RER

RPD

TEF

TEQ

TNTC

RL

<u> </u>	
Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control

1/18/2021

Case Narrative

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-179913-1

Job ID: 480-179913-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-179913-1

Comments

No additional comments.

Receipt

The samples were received on 1/7/2021 10:00 AM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.9° C.

GC/MS VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

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Detection Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Job ID: 480-179913-1

Client Sample ID: EFFLUENT - 010421

Lab Sample ID: 480-179913-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	826		10.0	4.0	mg/L	1		SM2540 C	Total/NA

Client Sample ID: BETWEEN CARBONS 010421

Lab Sample ID: 480-179913-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	6.2		1.0	0.81	ug/L	1	_	8260C	Total/NA
Trichloroethene	12		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: EFFLUENT 010421

Lab Sample ID: 480-179913-3

No Detections.

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Job ID: 480-179913-1

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Client Sample ID: EFFLUENT - 010421

Date Collected: 01/04/21 07:15 Date Received: 01/07/21 10:00 Lab Sample ID: 480-179913-1

Matrix: Water

Gene	rai	Cn	emi	stry
Analy	te			

General Oneilistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	826		10.0	4.0	mg/L			01/08/21 13:24	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			01/07/21 12:19	1

Client Sample ID: BETWEEN CARBONS 010421

Date Collected: 01/04/21 07:15

Date Received: 01/07/21 10:00

Lab Sample ID: 480-179913-2

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Michiga, 02000 - Volutile Orgal	ne compounds by comic							
Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND ND	1.0	0.21	ug/L			01/07/21 15:12	1
cis-1,2-Dichloroethene	6.2	1.0	0.81	ug/L			01/07/21 15:12	1
Methylene Chloride	ND	1.0	0.44	ug/L			01/07/21 15:12	1
Tetrachloroethene	ND	1.0	0.36	ug/L			01/07/21 15:12	1
Toluene	ND	1.0	0.51	ug/L			01/07/21 15:12	1
trans-1,2-Dichloroethene	ND	1.0	0.90	ug/L			01/07/21 15:12	1
Trichloroethene	12	1.0	0.46	ug/L			01/07/21 15:12	1

Surrogate	%Recovery Qualifier	Limits	Prepa	ared Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105	77 _ 120		01/07/21 15:12	1
4-Bromofluorobenzene (Surr)	104	73 - 120		01/07/21 15:12	1
Toluene-d8 (Surr)	102	80 - 120		01/07/21 15:12	1
Dibromofluoromethane (Surr)	107	75 ₋ 123		01/07/21 15:12	1

Client Sample ID: EFFLUENT 010421

Date Collected: 01/04/21 07:15

Date Received: 01/07/21 10:00

Lab Sample ID: 480-179913-3

Matrix: Water

Method: 8260C - Volatile	Organic	Compounds by	y GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/07/21 15:35	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/07/21 15:35	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/07/21 15:35	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/07/21 15:35	1
Toluene	ND		1.0	0.51	ug/L			01/07/21 15:35	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/07/21 15:35	1
Trichloroethene	ND		1.0	0.46	ug/L			01/07/21 15:35	1

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104	77 - 120		01/07/21 15:35	1
4-Bromofluorobenzene (Surr)	105	73 - 120		01/07/21 15:35	1
Toluene-d8 (Surr)	102	80 - 120		01/07/21 15:35	1
Dibromofluoromethane (Surr)	105	75 - 123		01/07/21 15:35	1

Surrogate Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Job ID: 480-179913-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)						
		DCA	BFB	TOL	DBFM			
Lab Sample ID Client Sa	ample ID	(77-120)	(73-120)	(80-120)	(75-123)			
480-179913-2 BETWEE	EN CARBONS 010421	105	104	102	107			
480-179913-3 EFFLUE	NT 010421	104	105	102	105			
LCS 480-565387/5 Lab Con	trol Sample	103	105	100	107			
MB 480-565387/7 Method B	Blank	103	103	101	105			

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

1/18/2021

Job ID: 480-179913-1

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-565387/7

Matrix: Water

Analysis Batch: 565387

Client Sample ID: Method Blank
Prep Type: Total/NA

	MB MB							
Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND ND	1.0	0.21	ug/L			01/07/21 11:08	1
cis-1,2-Dichloroethene	ND	1.0	0.81	ug/L			01/07/21 11:08	1
Methylene Chloride	ND	1.0	0.44	ug/L			01/07/21 11:08	1
Tetrachloroethene	ND	1.0	0.36	ug/L			01/07/21 11:08	1
Toluene	ND	1.0	0.51	ug/L			01/07/21 11:08	1
trans-1,2-Dichloroethene	ND	1.0	0.90	ug/L			01/07/21 11:08	1
Trichloroethene	ND	1.0	0.46	ug/L			01/07/21 11:08	1

MB MB

Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120	-		01/07/21 11:08	1
4-Bromofluorobenzene (Surr)	103		73 - 120			01/07/21 11:08	1
Toluene-d8 (Surr)	101		80 - 120			01/07/21 11:08	1
Dibromofluoromethane (Surr)	105		75 - 123			01/07/21 11:08	1

Lab Sample ID: LCS 480-565387/5

Matrix: Water

Analysis Batch: 565387

Client Sample ID: Lab Control Sample Prep Type: Total/NA

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
1,1,2,2-Tetrachloroethane	25.0	25.5		ug/L		102	76 - 120	
cis-1,2-Dichloroethene	25.0	25.8		ug/L		103	74 - 124	
Methylene Chloride	25.0	24.7		ug/L		99	75 - 124	
Tetrachloroethene	25.0	27.7		ug/L		111	74 - 122	
Toluene	25.0	25.4		ug/L		101	80 - 122	
trans-1,2-Dichloroethene	25.0	26.0		ug/L		104	73 - 127	
Trichloroethene	25.0	26.4		ug/L		106	74 - 123	

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	103		77 - 120
4-Bromofluorobenzene (Surr)	105		73 - 120
Toluene-d8 (Surr)	100		80 - 120
Dibromofluoromethane (Surr)	107		75 ₋ 123

Method: SM 2540D - Solids, Total Suspended (TSS)

Lab Sample ID: MB 480-565440/1 Client Sample ID: Method Blank

Matrix: Water

Analysis Batch: 565440

MB MB

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepar	ed Analyzed	Dil Fac
Total Suspended Solids	ND		1.0	1.0	mg/L			01/07/21 12:19	1

Lab Sample ID: LCS 480-565440/2 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Water

Analysis Batch: 565440								
	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Total Suspended Solids	1610	1602		mg/L		100	88 - 110	

Eurofins TestAmerica, Buffalo

Page 8 of 16

Prep Type: Total/NA

QC Sample Results

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Job ID: 480-179913-1

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-565563/1 Client Sample ID: Method Blank

Matrix: Water

Analysis Batch: 565563

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10.0	4.0	mg/L			01/08/21 13:24	1

Lab Sample ID: LCS 480-565563/2 **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA

Analysis Batch: 565563

Spike LCS LCS %Rec. Added Result Qualifier Analyte Unit D %Rec Limits **Total Dissolved Solids** 503 504.0 mg/L 100 85 - 115

Lab Sample ID: 480-179913-1 DU Client Sample ID: EFFLUENT - 010421

Matrix: Water

Analysis Batch: 565563

DU DU RPD Sample Sample Result Qualifier Limit Result Qualifier Unit Total Dissolved Solids 826 819.0 0.9 mg/L

Prep Type: Total/NA

Prep Type: Total/NA

QC Association Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Job ID: 480-179913-1

GC/MS VOA

Analysis Batch: 565387

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Bate
480-179913-2	BETWEEN CARBONS 010421	Total/NA	Water	8260C	
480-179913-3	EFFLUENT 010421	Total/NA	Water	8260C	
MB 480-565387/7	Method Blank	Total/NA	Water	8260C	
LCS 480-565387/5	Lab Control Sample	Total/NA	Water	8260C	

General Chemistry

Analysis Batch: 565440

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-179913-1	EFFLUENT - 010421	Total/NA	Water	SM 2540D	
MB 480-565440/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-565440/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 565563

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-179913-1	EFFLUENT - 010421	Total/NA	Water	SM2540 C	
MB 480-565563/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-565563/2	Lab Control Sample	Total/NA	Water	SM2540 C	
480-179913-1 DU	EFFLUENT - 010421	Total/NA	Water	SM2540 C	

1/18/2021

Lab Chronicle

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Lab Sample ID: 480-179913-1

Matrix: Water

Job ID: 480-179913-1

Client Sample ID: EFFLUENT - 010421

Date Collected: 01/04/21 07:15 Date Received: 01/07/21 10:00

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	565440	01/07/21 12:19	CSS	TAL BUF
Total/NA	Analysis	SM2540 C		1	565563	01/08/21 13:24	CSS	TAL BUF

Client Sample ID: BETWEEN CARBONS 010421

Lab Sample ID: 480-179913-2 Date Collected: 01/04/21 07:15 **Matrix: Water**

Date Received: 01/07/21 10:00

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	565387	01/07/21 15:12	CRL	TAL BUF

Client Sample ID: EFFLUENT 010421

Lab Sample ID: 480-179913-3 Date Collected: 01/04/21 07:15 **Matrix: Water**

Date Received: 01/07/21 10:00

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	565387	01/07/21 15:35	CRL	TAL BUF

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-179913-1

Laboratory: Eurofins TestAmerica, Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Pr	ogram	Identification Number	Expiration Date
New York	NE	ELAP	10026	04-01-21
The following analytes	are included in this report, but	It the laboratory is not certifi	ied by the governing authority. This list ma	ay include analytes for
,	• •	ut the laboratory is not certifi	ied by the governing authority. This list ma	ay include analytes for
the agency does not o	ffer certification.	•	, , ,	ay include analytes for
0 ,	• •	ut the laboratory is not certifi Matrix Water	ied by the governing authority. This list ma Analyte Total Dissolved Solids	ay include analyte

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Method Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-179913-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
SM 2540D	Solids, Total Suspended (TSS)	SM	TAL BUF
SM2540 C	Total Dissolved Solids	SM18	TAL BUF
5030C	Purge and Trap	SW846	TAL BUF

Protocol References:

SM = "Standard Methods For The Examination Of Water And Wastewater"

SM18 = "Standard Methods For The Examination Of Water And Wastewater", 18th Edition, 1992.

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

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

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Sample Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Job ID: 480-179913-1

480-179913-1 EFFLUENT - 010421 Water 01/04/21 07:15 01/07/21 10:00	Client Sample ID Matrix Collected Received Asset
	EFFLUENT - 010421 Water 01/04/21 07:15 01/07/21 10:00
480-179913-2 BETWEEN CARBONS 010421 Water 01/04/21 07:15 01/07/21 10:00	BETWEEN CARBONS 010421 Water 01/04/21 07:15 01/07/21 10:00
480-179913-3 EFFLUENT 010421 Water 01/04/21 07:15 01/07/21 10:00	EFFLUENT 010421 Water 01/04/21 07:15 01/07/21 10:00

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10 Hazelwood Drive Amherst, NY 14228-2298 Phone: 716-691-2600 Fax: 716-691-7991	Ö	hain o	f Cust	Chain of Custody Record	ecord							Environment Testing America	t Testing
Client Information	Sampler	Know	Somme	Lab Ph Giaco	Lab PM: Giacomazza, Joe V	> 0		Carrier Tr	Carrier Tracking No(s)		COC No: 480-145296-10588.1	-10588.1	
Client Contact Mr. Yuri Veliz	Phone: 315-	729-1	4		E-Mail: joe.giacomazza@testamericainc.com)testame	nicainc.com	State of	√ Za	CUS	State State Of Tacus Gage 1 of 1		
Company. O'Brien & Gere Inc of North America	1	ō.	PWSID.				Analysis	Analysis Requested	5 #"	#225 #	# qor		
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:						_				Preservation Codes:		
City. East Syracuse	TAT Requested (days):	<u></u>									A - HCL B - NaOH C - Zn Acetate	M - Hexane N - None O - AsnaO2	
State, Zip. NY, 13221	Compliance Project:	A Yes A No	92								D - Nitric Acid E - NaHSO4		
Phone 315-956-6100(Tel) 315-463-7554(Fax)	PO#: 12000090				(0						G - Amchlor H - Ascorbic A		ahydrate
Email: yuri.veliz@ramboll.com	#OM				(oV	_				3.			
Project Name Former Accurate Die Cast	Project # 48008584				TO S					14 dist		W - pH 4-5 Z - other (specify)	πy)
Site: New York	#MOSS				эД) <u>Д</u>					1000 10	Other:		
New John			Sample	\top	SM/SM n Total Sus	oT - balsa O elitsloV				o Jedmu	A léguin	:	
Sample Identification	Sample Date	Sample (C=comp, G=grab)	Sesolid. Oewastefoll. BT=Tissue, A=Air)	Perform					M letoT		Special Instructions/Note	ote:
	V V	17	1 (0)		Ż	1							
Effluent 010421	1-4-21	7:15	7	Water		~_				4	2		
Between Carbons $O1042$	1-4-31	1:15	e	Water		3				300	3		
Effluit 010421	1-4-31	7:15	3	3		M				m.	~		
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Provide the soul I doubtill rolling					- Jump				10000		th seemed boom	and month!	
ant	Poison B Unknow	nown Re	Radiological			re Disposal (A 1 Return To Client	(A ree may	Disposal By Lab	n ir sampi By Lab	es are retail	Sample Ulsposal (A ree may be assessed it samples are retained longer tilan it month) Return To Client Disposal By Lab Archive For Mon	an i monun) Months	
sted: I, II, III, IV, O					Special	nstructio	Special Instructions/QC Requirements						
Empty Kit Relinquished by:		Date:			Time:			Met	Method of Shipment	nent			
Relinguished by formathe	Date/Time: -4-3	1/10	0,30	Company Company	Recei	Received by:	A CL	- 17A(Sale	Date/Time:	12-	(Company	
Relinquished by Price 1116	Date/Time:	2 19	000	Company	Recei	Received by:		-	Date	Date/Time:		Company	
Reinquished by:	Date/Time:		٥	Сотрану	Recei	Received by:	M	1	Date	Date/Time:	(000)	Company	
Custody Seals Intact: Custody Seal No.:					Coole	Cooler Temperature(s)	°C and	Other Remarks		2.9	1#		
												Ver. 11/01/2020	020

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-179913-1

Login Number: 179913 List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Sabuda, Brendan D

Creator. Sabuda, Brendan D		
Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.9 #1 ICE
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	True	

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Environment Testing America

ANALYTICAL REPORT

Eurofins TestAmerica, Buffalo 10 Hazelwood Drive Amherst, NY 14228-2298 Tel: (716)691-2600

Laboratory Job ID: 480-180085-1

Client Project/Site: Former Accurate Die Cast

For:

O'Brien & Gere Inc of North America 333 West Washington St. PO BOX 4873 East Syracuse, New York 13221

Attn: Mr. David J Carnevale

Joseph V. Gracomagger

Authorized for release by: 1/20/2021 9:19:01 AM

Joe Giacomazza, Project Manager I (716)691-2600

joe.giacomazza@testamericainc.com

·····LINKS ······

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www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
QC Sample Results	7
QC Association Summary	8
Lab Chronicle	9
Certification Summary	10
Method Summary	11
Sample Summary	12
Chain of Custody	13
Receipt Checklists	14

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Definitions/Glossary

Client: O'Brien & Gere Inc of North America

Job ID: 480-180085-1

Project/Site: Former Accurate Die Cast

Glossary

RPD

TEF

TEQ

TNTC

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)

Relative Percent Difference, a measure of the relative difference between two points

Toxicity Equivalent Factor (Dioxin)

Too Numerous To Count

Toxicity Equivalent Quotient (Dioxin)

Eurofins TestAmerica, Buffalo

1/20/2021

Case Narrative

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-180085-1

Job ID: 480-180085-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-180085-1

Comments

No additional comments.

Receipt

The sample was received on 1/12/2021 11:00 AM; the sample arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.0° C.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

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Detection Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Client Sample ID: EFFLUENT 011121

Job ID: 480-180085-1

Lab Sample ID: 480-180085-1

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Total Suspended Solids	6.0		4.0	4.0	mg/L	1		SM 2540D	Total/NA
Total Dissolved Solids	815		10.0	4.0	mg/L	1		SM2540 C	Total/NA

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Client Sample Results

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Client Sample ID: EFFLUENT 011121

Lab Sample ID: 480-180085-1

Matrix: Water

Job ID: 480-180085-1

Date Collected: 01/11/21 07:15 Date Received: 01/12/21 11:00

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	815		10.0	4.0	mg/L			01/14/21 17:06	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	6.0		4.0	4.0	mg/L			01/13/21 13:14	1

QC Sample Results

Client: O'Brien & Gere Inc of North America

Job ID: 480-180085-1

Project/Site: Former Accurate Die Cast

Method: SM 2540D - Solids, Total Suspended (TSS)

MD MD

Lab Sample ID: MB 480-566008/1 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 566008

	IVID	IVID							
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		1.0	1.0	mg/L			01/13/21 13:14	1

Lab Sample ID: LCS 480-566008/2 **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA

Analysis Batch: 566008

-	Spi	e LCS	LCS				%Rec.	
Analyte	Adde	d Result	Qualifier	Unit	D	%Rec	Limits	
Total Suspended Solids	160	0 1599		mg/L		100	88 - 110	

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-566183/1 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 566183

	MB	МВ							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10.0	4.0	mg/L			01/14/21 17:06	1

Lab Sample ID: LCS 480-566183/2 Client Sample ID: Lab Control Sample Prep Type: Total/NA

Matrix: Water

Analysis Batch: 566183

	;	Spike Lo	S LCS				%Rec.	
Analyte	А	dded Res	ılt Qualifier	Unit	D	%Rec	Limits	
Total Dissolved Solids		503 516	.0	mg/L		103	85 - 115	

QC Association Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Job ID: 480-180085-1

General Chemistry

Analysis Batch: 566008

La	b Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
48	0-180085-1	EFFLUENT 011121	Total/NA	Water	SM 2540D	
ME	3 480-566008/1	Method Blank	Total/NA	Water	SM 2540D	
LC	S 480-566008/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 566183

Lab Sample ID 480-180085-1	Client Sample ID EFFLUENT 011121	Prep Type Total/NA	Matrix Water	Method SM2540 C	Prep Batch
MB 480-566183/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-566183/2	Lab Control Sample	Total/NA	Water	SM2540 C	

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Lab Chronicle

Client: O'Brien & Gere Inc of North America Job ID: 480-180085-1

Project/Site: Former Accurate Die Cast

Date Received: 01/12/21 11:00

Client Sample ID: EFFLUENT 011121

Lab Sample ID: 480-180085-1 Date Collected: 01/11/21 07:15

Matrix: Water

Batch Batch Dilution Batch Prepared Method Prep Type Туре Run Factor Number or Analyzed Analyst Lab Total/NA SM 2540D 566008 01/13/21 13:14 CSS TAL BUF Analysis Total/NA Analysis SM2540 C 566183 01/14/21 17:06 CSS TAL BUF

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Job ID: 480-180085-1

Laboratory: Eurofins TestAmerica, Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Pr	ogram	Identification Number	Expiration Date
New York	NE	ELAP	10026	04-01-21
The following analytes	are included in this report hi	it the laboratory is not certifi	ied by the governing authority. This list ma	av include analytes for
• ,	•	it the laboratory is not certifi	ied by the governing authority. This list ma	ay include analytes for
The following analytes the agency does not o	•	it the laboratory is not certifi	ied by the governing authority. This list ma	ay include analytes for
• ,	•	It the laboratory is not certifi Matrix	ied by the governing authority. This list ma Analyte	ay include analytes for

Method Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-180085-1

Method	Method Description	Protocol	Laboratory
SM 2540D	Solids, Total Suspended (TSS)	SM	TAL BUF
SM2540 C	Total Dissolved Solids	SM18	TAL BUF

Protocol References:

SM = "Standard Methods For The Examination Of Water And Wastewater"

SM18 = "Standard Methods For The Examination Of Water And Wastewater", 18th Edition, 1992.

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

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Sample Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Job ID: 480-180085-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-180085-1	EFFLUENT 011121	Water	01/11/21 07:15	01/12/21 11:00	

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Chain of Custody Record

Eurofins TestAmerica, Buffalo

10 Hazelwood Drive Amherst, NY 14228-2298 Phone: 716-691-2600 Fax: 716-691-7991

& eurofins Environment Testing America

ormation	Sampler:	100	at.	Lab PM:			am	racking No(s)	COC No:	
Client Contact: Mr Viri Maliz	:)	200	E-Mail:	11a24a, J	E-Mail:	A	acnse	480-145334-10586.1	586.1
Company:	315-7	134-13	200	joe.gi	acomazza	@testameric	ainc.com		Page:	
O'Brien & Gere Inc of North America			PWSID:				Analysis Regules # 225	1225	700 # qor	
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:								Preservation Codes:	des:
City. East Syracuse	TAT Requested (days):	- 1				-	-		A - HCL B - NaOH	M - Hexane N - None
State, Zip: NY, 13221	Compliance Project:	∆ // C	No						C - Zn Acetate D - Nitric Acid	0 - AsNaO2 P - Na2O4S
56-6100(Tel) 315-463-7554(Fax)	PO#: 12000090					s			F - MeOH	C - NAZSO3 P - NA2S203 304
	# OM				(0)	bilos t) Dodecahydrate tone
ct Name: ner Accurate Die Cast	Project #: 48008584				8 OT M	Davlos.				4A 4-5 ir (specify)
Site: New York	SSOW#:				ey) as	otal Dis	84	480-180085 Chain of Custody	Custody	
Sample Identification	Sample Date	Sample ((Sample Type (C=comp,		eriorm MS/M eriorm MS/M erior - Total Su	oT - bolsO_O048			edmuM ls1	
	\bigvee		7 (0		d X	z z				Special Instructions/Note:
Effluent O///Al	1-11-31	7:15		Water		:			< 0	
)						5	
Doceible Hannel Handing										
Non-Hazard Plammable Skin Irritant Poison B	on B Unknown		Radiological		Sampl	le Disposal (A f	ee may be	d if samples are reta	ained longer than	1 month)
Deliverable Requested: I, II, III, IV, Other (specify)					Specia	Instructions/	Special Instructions/QC Requirements:		Archive For	Months
uished by:		Date:		ſ	Time:		W	Method of Shipment:		
Relinquished by.	Date/Time:	1	5	Company		Received by:	100	Date/Timg/	11111	Company
2 Toughing	Date/Time:			Company	Re	Reseived by		Date	0.17	Company Of Street
	Date/Time:			Company	Rec	Received by:	7	Date/Time:	1100	Company
Custody Seals Infact: Custody Seal No.: △ Yes △ No					Coo	ler Temperature(Cooler Temperature(s) °C and Other Remarks:		本しい	3
									5	Ver: 11/01/2020

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America Job Number: 480-180085-1

Login Number: 180085 List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Wallace, Cameron

Creator. Wanace, Cameron		
Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	OBG
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

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Environment Testing America

ANALYTICAL REPORT

Eurofins TestAmerica, Buffalo 10 Hazelwood Drive Amherst, NY 14228-2298 Tel: (716)691-2600

Laboratory Job ID: 480-180392-1

Client Project/Site: Former Accurate Die Cast

For:

O'Brien & Gere Inc of North America 333 West Washington St. PO BOX 4873 East Syracuse, New York 13221

Attn: Mr. David J Carnevale

F

Authorized for release by: 1/28/2021 9:33:28 AM Rebecca Jones, Project Management Assistant I Rebecca.Jones@Eurofinset.com

Designee for

Joe Giacomazza, Project Manager I (716)691-2600

joe.giacomazza@testamericainc.com

LINKS

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
Surrogate Summary	8
QC Sample Results	9
QC Association Summary	13
Lab Chronicle	14
Certification Summary	15
Method Summary	16
Sample Summary	17
Chain of Custody	18
Receipt Checklists	19

4

5

7

9

10

12

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Definitions/Glossary

Client: O'Brien & Gere Inc of North America

Job ID: 480-180392-1

Project/Site: Former Accurate Die Cast

Glossary

RER

RPD TEF

TEQ

TNTC

RL

Relative Error Ratio (Radiochemistry)

Toxicity Equivalent Factor (Dioxin)

Too Numerous To Count

Toxicity Equivalent Quotient (Dioxin)

Reporting Limit or Requested Limit (Radiochemistry)

Relative Percent Difference, a measure of the relative difference between two points

Abbreviation	These commonly used abbreviations may or may not be present in this report.
n	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control

Case Narrative

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-180392-1

Job ID: 480-180392-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-180392-1

Comments

No additional comments.

Receipt

The samples were received on 1/20/2021 9:30 AM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.3° C.

GC/MS VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

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Detection Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Client Sample ID: Effluent 011921 Comp

Client Sample ID: Effluent 011921 Grab

Job ID: 480-180392-1

Lab Sample ID: 480-180392-1

_						
Analyte	Result Qualifier	RL	MDL Unit	Dil Fac D	Method	Prep Type
Total Dissolved Solids	886	10.0	4.0 mg/L		SM2540 C	Total/NA

Lab Sample ID: 480-180392-2

No Detections.

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Client Sample Results

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Lab Sample ID: 480-180392-1

Matrix: Water

Job ID: 480-180392-1

Client Sample ID: Effluent 011921 Comp

Date Collected: 01/19/21 07:20 Date Received: 01/20/21 09:30

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	886		10.0	4.0	mg/L			01/20/21 13:29	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			01/22/21 14:27	1

Client Sample ID: Effluent 011921 Grab

Date Collected: 01/19/21 07:20 Date Received: 01/20/21 09:30

Lab Sample ID: 480-180392-2

Matrix: Water

Analyte	Result Quali	fier RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND ND	1.0	0.82	ug/L			01/22/21 23:05	1
1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/L			01/22/21 23:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	0.31	ug/L			01/22/21 23:05	1
1,1,2-Trichloroethane	ND	1.0	0.23	ug/L			01/22/21 23:05	1
1,1-Dichloroethane	ND	1.0	0.38	ug/L			01/22/21 23:05	1
1,1-Dichloroethene	ND	1.0	0.29	ug/L			01/22/21 23:05	1
1,2,4-Trichlorobenzene	ND	1.0	0.41	ug/L			01/22/21 23:05	1
1,2-Dibromo-3-Chloropropane	ND	1.0	0.39	ug/L			01/22/21 23:05	1
1,2-Dibromoethane	ND	1.0	0.73	ug/L			01/22/21 23:05	1
1,2-Dichlorobenzene	ND	1.0	0.79	ug/L			01/22/21 23:05	1
1,2-Dichloroethane	ND	1.0	0.21	ug/L			01/22/21 23:05	1
1,2-Dichloropropane	ND	1.0	0.72	ug/L			01/22/21 23:05	1
1,3-Dichlorobenzene	ND	1.0	0.78	ug/L			01/22/21 23:05	1
1,4-Dichlorobenzene	ND	1.0	0.84	ug/L			01/22/21 23:05	1
2-Butanone (MEK)	ND	10	1.3	ug/L			01/22/21 23:05	1
2-Hexanone	ND	5.0	1.2	ug/L			01/22/21 23:05	1
4-Methyl-2-pentanone (MIBK)	ND	5.0	2.1	ug/L			01/22/21 23:05	1
Acetone	ND	10	3.0	ug/L			01/22/21 23:05	1
Benzene	ND	1.0	0.41	ug/L			01/22/21 23:05	1
Bromodichloromethane	ND	1.0	0.39	ug/L			01/22/21 23:05	1
Bromoform	ND	1.0	0.26	ug/L			01/22/21 23:05	1
Bromomethane	ND	1.0	0.69	ug/L			01/22/21 23:05	1
Carbon disulfide	ND	1.0	0.19	ug/L			01/22/21 23:05	1
Carbon tetrachloride	ND	1.0	0.27	ug/L			01/22/21 23:05	1
Chlorobenzene	ND	1.0	0.75	ug/L			01/22/21 23:05	1
Chloroethane	ND	1.0	0.32	ug/L			01/22/21 23:05	1
Chloroform	ND	1.0	0.34	ug/L			01/22/21 23:05	1
Chloromethane	ND	1.0	0.35	ug/L			01/22/21 23:05	1
cis-1,2-Dichloroethene	ND	1.0	0.81	ug/L			01/22/21 23:05	1
cis-1,3-Dichloropropene	ND	1.0	0.36	ug/L			01/22/21 23:05	1
Cyclohexane	ND	1.0	0.18	ug/L			01/22/21 23:05	1
Dibromochloromethane	ND	1.0	0.32	ug/L			01/22/21 23:05	1
Dichlorodifluoromethane	ND	1.0	0.68	ug/L			01/22/21 23:05	1
Ethylbenzene	ND	1.0	0.74	ug/L			01/22/21 23:05	1
Isopropylbenzene	ND	1.0	0.79	ug/L			01/22/21 23:05	1
Methyl acetate	ND	2.5	1.3	ug/L			01/22/21 23:05	1
Methyl tert-butyl ether	ND	1.0	0.16	ug/L			01/22/21 23:05	1
Methylcyclohexane	ND	1.0	0.16	ug/L			01/22/21 23:05	1
Methylene Chloride	ND	1.0	0.44	ug/L			01/22/21 23:05	1
Styrene	ND	1.0	0.73	ug/L			01/22/21 23:05	1

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Page 6 of 19

Client Sample Results

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Date Received: 01/20/21 09:30

Job ID: 480-180392-1

Client Sample ID: Effluent 011921 Grab

Lab Sample ID: 480-180392-2 Date Collected: 01/19/21 07:20

Matrix: Water

Method: 8260C - Volatile Orga	nic Compounds I	y GC/MS (Continued)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		1.0	0.36	ug/L			01/22/21 23:05	1
Toluene	ND		1.0	0.51	ug/L			01/22/21 23:05	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/22/21 23:05	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/22/21 23:05	1
Trichloroethene	ND		1.0	0.46	ug/L			01/22/21 23:05	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			01/22/21 23:05	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/22/21 23:05	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/22/21 23:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120			-		01/22/21 23:05	1
4-Bromofluorobenzene (Surr)	102		73 - 120					01/22/21 23:05	1
Dibromofluoromethane (Surr)	106		75 - 123					01/22/21 23:05	1
Toluene-d8 (Surr)	99		80 - 120					01/22/21 23:05	1

Surrogate Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Job ID: 480-180392-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water Prep Type: Total/NA

DCA BFB DBFM TOL
Lab Sample ID Client Sample ID (77-120) (73-120) (75-123) (80-12
480-180392-2 Effluent 011921 Grab 104 102 106 99
LCS 480-567041/6 Lab Control Sample 104 107 98
MB 480-567041/8 Method Blank 108 102 109 101

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

QC Sample Results

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Job ID: 480-180392-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-567041/8

Matrix: Water

Analysis Batch: 567041

Client Sample ID: Method	Blank
Prep Type: To	tal/NA

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0		ug/L			01/22/21 22:42	
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	•			01/22/21 22:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0		ug/L			01/22/21 22:42	1
1,1,2-Trichloroethane	ND		1.0		ug/L			01/22/21 22:42	· · · · · · · · · · · 1
1,1-Dichloroethane	ND		1.0		ug/L			01/22/21 22:42	1
1,1-Dichloroethene	ND		1.0		ug/L			01/22/21 22:42	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			01/22/21 22:42	· · · · · · · · · · · · · · · · · · ·
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			01/22/21 22:42	1
1,2-Dibromoethane	ND		1.0	0.73	-			01/22/21 22:42	1
1,2-Dichlorobenzene	ND		1.0		ug/L			01/22/21 22:42	
1,2-Dichloroethane	ND		1.0	0.21	-			01/22/21 22:42	1
1,2-Dichloropropane	ND		1.0	0.72				01/22/21 22:42	1
	ND							01/22/21 22:42	
1,3-Dichlorobenzene			1.0		ug/L				
1,4-Dichlorobenzene	ND		1.0		ug/L			01/22/21 22:42	1
2-Butanone (MEK)	ND		10		ug/L			01/22/21 22:42	1
2-Hexanone	ND		5.0		ug/L			01/22/21 22:42	1
4-Methyl-2-pentanone (MIBK)	ND		5.0		ug/L			01/22/21 22:42	1
Acetone	ND		10		ug/L			01/22/21 22:42	
Benzene	ND		1.0		ug/L			01/22/21 22:42	1
Bromodichloromethane	ND		1.0		ug/L			01/22/21 22:42	1
Bromoform	ND		1.0		ug/L			01/22/21 22:42	1
Bromomethane	ND		1.0	0.69	ug/L			01/22/21 22:42	1
Carbon disulfide	ND		1.0		ug/L			01/22/21 22:42	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/22/21 22:42	1
Chlorobenzene	ND		1.0		ug/L			01/22/21 22:42	1
Chloroethane	ND		1.0	0.32	ug/L			01/22/21 22:42	1
Chloroform	ND		1.0	0.34	ug/L			01/22/21 22:42	1
Chloromethane	ND		1.0	0.35	ug/L			01/22/21 22:42	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/22/21 22:42	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/22/21 22:42	1
Cyclohexane	ND		1.0	0.18	ug/L			01/22/21 22:42	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/22/21 22:42	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/22/21 22:42	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/22/21 22:42	1
Isopropylbenzene	ND		1.0	0.79	ug/L			01/22/21 22:42	1
Methyl acetate	ND		2.5	1.3	ug/L			01/22/21 22:42	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/22/21 22:42	1
Methylcyclohexane	ND		1.0	0.16	ug/L			01/22/21 22:42	1
Methylene Chloride	ND		1.0		ug/L			01/22/21 22:42	1
Styrene	ND		1.0	0.73	ug/L			01/22/21 22:42	1
Tetrachloroethene	ND		1.0		ug/L			01/22/21 22:42	1
Toluene	ND		1.0		ug/L			01/22/21 22:42	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			01/22/21 22:42	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			01/22/21 22:42	1
Trichloroethene	ND		1.0		ug/L			01/22/21 22:42	1
Trichlorofluoromethane	ND		1.0		ug/L			01/22/21 22:42	
Vinyl chloride	ND		1.0		ug/L			01/22/21 22:42	1
Xylenes, Total	ND		2.0		ug/L			01/22/21 22:42	1

Eurofins TestAmerica, Buffalo

Page 9 of 19

1/28/2021

QC Sample Results

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Job ID: 480-180392-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

MB MB

Lab Sample ID: MB 480-567041/8

Matrix: Water

Analysis Batch: 567041

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		77 - 120	_		01/22/21 22:42	1
4-Bromofluorobenzene (Surr)	102		73 - 120			01/22/21 22:42	1
Dibromofluoromethane (Surr)	109		75 - 123			01/22/21 22:42	1
Toluene-d8 (Surr)	101		80 - 120			01/22/21 22:42	1

Lab Sample ID: LCS 480-567041/6 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Water

Analysis Batch: 567041

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
1,1,1-Trichloroethane	25.0	27.7		ug/L		111	73 - 126	
1,1,2,2-Tetrachloroethane	25.0	24.4		ug/L		98	76 - 120	
1,1,2-Trichloro-1,2,2-trifluoroetha	25.0	22.8		ug/L		91	61 - 148	
ne								
1,1,2-Trichloroethane	25.0	25.6		ug/L		102	76 - 122	
1,1-Dichloroethane	25.0	25.9		ug/L		104	77 - 120	
1,1-Dichloroethene	25.0	24.8		ug/L		99	66 - 127	
1,2,4-Trichlorobenzene	25.0	24.9		ug/L		100	79 - 122	
1,2-Dibromo-3-Chloropropane	25.0	25.6		ug/L		102	56 _ 134	
1,2-Dibromoethane	25.0	26.5		ug/L		106	77 ₋ 120	
1,2-Dichlorobenzene	25.0	24.0		ug/L		96	80 - 124	
1,2-Dichloroethane	25.0	26.6		ug/L		106	75 - 120	
1,2-Dichloropropane	25.0	24.8		ug/L		99	76 - 120	
1,3-Dichlorobenzene	25.0	24.6		ug/L		98	77 - 120	
1,4-Dichlorobenzene	25.0	24.5		ug/L		98	80 - 120	
2-Butanone (MEK)	125	133		ug/L		106	57 - 140	
2-Hexanone	125	129		ug/L		103	65 _ 127	
4-Methyl-2-pentanone (MIBK)	125	129		ug/L		103	71 - 125	
Acetone	125	131		ug/L		105	56 ₋ 142	
Benzene	25.0	25.1		ug/L		100	71 - 124	
Bromodichloromethane	25.0	27.6		ug/L		110	80 - 122	
Bromoform	25.0	28.1		ug/L		112	61 - 132	
Bromomethane	25.0	22.1		ug/L		88	55 - 144	
Carbon disulfide	25.0	22.5		ug/L		90	59 - 134	
Carbon tetrachloride	25.0	28.2		ug/L		113	72 - 134	
Chlorobenzene	25.0	25.3		ug/L		101	80 - 120	
Chloroethane	25.0	20.0		ug/L		80	69 - 136	
Chloroform	25.0	25.1		ug/L		100	73 - 127	
Chloromethane	25.0	19.6		ug/L		78	68 - 124	
cis-1,2-Dichloroethene	25.0	25.3		ug/L		101	74 ₋ 124	
cis-1,3-Dichloropropene	25.0	25.8		ug/L		103	74 - 124	
Cyclohexane	25.0	25.9		ug/L		104	59 _ 135	
Dibromochloromethane	25.0	27.3		ug/L		109	75 - 125	
Dichlorodifluoromethane	25.0	18.3		ug/L		73	59 ₋ 135	
Ethylbenzene	25.0	25.1		ug/L		100	77 - 123	
Isopropylbenzene	25.0	24.3		ug/L		97	77 ₋ 122	
Methyl acetate	50.0	50.6		ug/L		101	74 - 133	
Methyl tert-butyl ether	25.0	25.6		ug/L		102	77 - 120	
Methylcyclohexane	25.0	26.3		ug/L		105	68 - 134	

Eurofins TestAmerica, Buffalo

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Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-180392-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-567041/6

Matrix: Water

Analysis Batch: 567041

Client Sample ID:	Lab Control Sample
	Prep Type: Total/NA

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Type: Total/NA

Prep Type: Total/NA

Prep Type: Total/NA

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Methylene Chloride	25.0	24.3		ug/L		97	75 - 124	
Styrene	25.0	26.2		ug/L		105	80 - 120	
Tetrachloroethene	25.0	26.9		ug/L		107	74 - 122	
Toluene	25.0	25.0		ug/L		100	80 - 122	
trans-1,2-Dichloroethene	25.0	25.5		ug/L		102	73 _ 127	
trans-1,3-Dichloropropene	25.0	25.7		ug/L		103	80 - 120	
Trichloroethene	25.0	26.3		ug/L		105	74 - 123	
Trichlorofluoromethane	25.0	25.3		ug/L		101	62 - 150	
Vinyl chloride	25.0	21.9		ug/L		88	65 _ 133	

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	104		77 - 120
4-Bromofluorobenzene (Surr)	104		73 - 120
Dibromofluoromethane (Surr)	107		75 - 123
Toluene-d8 (Surr)	98		80 - 120

Method: SM 2540D - Solids, Total Suspended (TSS)

Lab Sample ID: MB 480-567036/1

Matrix: Water

Analysis Batch: 567036

MR MR

Analyte Result Qualifier RL RL Unit D Prepared Analyzed Dil Fac
Total Suspended Solids ND 1.0 1.0 mg/L 01/22/21 14:27 1

Lab Sample ID: LCS 480-567036/2

Matrix: Water

Analysis Batch: 567036

Analysis Batch. 007 000								
	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Total Suspended Solids	1990	1965		mg/L		99	88 - 110	

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-566779/1

Matrix: Water

Analysis Batch: 566779

MB MB

AnalyteResultQualifierRLMDLUnitDPreparedAnalyzedDil FacTotal Dissolved SolidsND10.04.0mg/L01/20/21 13:291

Lab Sample ID: LCS 480-566779/2

Matrix: Water

Analysis Batch: 566779

•	Spike	LCS	LCS				%Rec.
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits
Total Dissolved Solids	 503	510.0		mg/L		101	85 - 115

Eurofins TestAmerica, Buffalo

QC Sample Results

Client: O'Brien & Gere Inc of North America Job ID: 480-180392-1

Project/Site: Former Accurate Die Cast

Method: SM2540 C - Total Dissolved Solids (Continued)

Sample Sample

Lab Sample ID: 480-180392-1 DU

Matrix: Water

Analysis Batch: 566779

Client Sampl	le ID: Effluent 011921 Comp
	Prep Type: Total/NA

RPD

AnalyteResult
Total Dissolved SolidsResult
886QualifierUnit
889.0DRPDLimit
mg/LTotal Dissolved Solids889.0mg/L0.310

DU DU

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QC Association Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Job ID: 480-180392-1

GC/MS VOA

Analysis Batch: 567041

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-180392-2	Effluent 011921 Grab	Total/NA	Water	8260C	
MB 480-567041/8	Method Blank	Total/NA	Water	8260C	
LCS 480-567041/6	Lab Control Sample	Total/NA	Water	8260C	
_					

General Chemistry

Analysis Batch: 566779

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-180392-1	Effluent 011921 Comp	Total/NA	Water	SM2540 C	·
MB 480-566779/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-566779/2	Lab Control Sample	Total/NA	Water	SM2540 C	
480-180392-1 DU	Effluent 011921 Comp	Total/NA	Water	SM2540 C	

Analysis Batch: 567036

Γ	011 10 1 15				
Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-180392-1	Effluent 011921 Comp	Total/NA	Water	SM 2540D	
MB 480-567036/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-567036/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Lab Chronicle

Client: O'Brien & Gere Inc of North America Job ID: 480-180392-1

Project/Site: Former Accurate Die Cast

Client Sample ID: Effluent 011921 Comp

Lab Sample ID: 480-180392-1 Date Collected: 01/19/21 07:20

Matrix: Water

Batch Batch Dilution Batch Prepared Method Prep Type Туре Run Factor Number or Analyzed Analyst Lab Total/NA SM 2540D 567036 CSS TAL BUF Analysis 01/22/21 14:27 Total/NA Analysis SM2540 C 566779 01/20/21 13:29 CSS TAL BUF

Client Sample ID: Effluent 011921 Grab

Lab Sample ID: 480-180392-2 Date Collected: 01/19/21 07:20

Matrix: Water

Date Received: 01/20/21 09:30

Date Received: 01/20/21 09:30

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	567041	01/22/21 23:05	CRL	TAL BUF

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-180392-1

Laboratory: Eurofins TestAmerica, Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Pr	ogram	Identification Number	Expiration Date
New York	NI	ELAP	10026	03-31-21
The following analytes	are included in this report, but	it the laboratory is not certifi	ied by the governing authority. This list ma	ay include analytes for v
the agency does not of	fer certification.	•	, , ,	ay include analytes for w
• ,	•	ut the laboratory is not certifi Matrix	ied by the governing authority. This list ma	ay include analytes for w

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Method Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-180392-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
SM 2540D	Solids, Total Suspended (TSS)	SM	TAL BUF
SM2540 C	Total Dissolved Solids	SM18	TAL BUF
5030C	Purge and Trap	SW846	TAL BUF

Protocol References:

SM = "Standard Methods For The Examination Of Water And Wastewater"

SM18 = "Standard Methods For The Examination Of Water And Wastewater", 18th Edition, 1992.

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

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

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Sample Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Job ID: 480-180392-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asse
480-180392-1	Effluent 011921 Comp	Water	01/19/21 07:20	01/20/21 09:30	
480-180392-2	Effluent 011921 Grab	Water	01/19/21 07:20	01/20/21 09:30	

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curonns lestAmerica, Buffalo

Job Number: 480-180392-1

Client: O'Brien & Gere Inc of North America

List Source: Eurofins TestAmerica, Buffalo

Login Number: 180392 List Number: 1 Creator: Stopa, Erik S

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	OBG
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

Page 19 of 19

1/28/2021



Environment Testing America

ANALYTICAL REPORT

Eurofins TestAmerica, Buffalo 10 Hazelwood Drive Amherst, NY 14228-2298 Tel: (716)691-2600

Laboratory Job ID: 480-180557-1

Client Project/Site: Former Accurate Die Cast

For:

O'Brien & Gere Inc of North America 333 West Washington St. PO BOX 4873 East Syracuse, New York 13221

Attn: Mr. David J Carnevale

Joseph V. giveomogra

Authorized for release by: 1/31/2021 8:11:26 PM

Joe Giacomazza, Project Manager I (716)691-2600

joe.giacomazza@testamericainc.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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12

13

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
QC Sample Results	7
QC Association Summary	8
Lab Chronicle	9
Certification Summary	10
Method Summary	11
Sample Summary	12
Chain of Custody	13
Racaint Chacklists	14

4

6

8

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11

13

Definitions/Glossary

Client: O'Brien & Gere Inc of North America Job ID: 480-180557-1

Project/Site: Former Accurate Die Cast

Glossary

RPD

TEF

TEQ

TNTC

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)

Relative Percent Difference, a measure of the relative difference between two points

Toxicity Equivalent Factor (Dioxin)

Too Numerous To Count

Toxicity Equivalent Quotient (Dioxin)

Eurofins TestAmerica, Buffalo

Page 3 of 14

Case Narrative

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-180557-1

Job ID: 480-180557-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-180557-1

Comments

No additional comments.

Receipt

The sample was received on 1/26/2021 1:00 PM; the sample arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.5° C.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

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Detection Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Job ID: 480-180557-1

Client Sample ID: EFFLUENT 012521

Lab Sample ID: 480-180557-1

Analyte	Result Qualifier	RL	MDL Unit	Dil Fac D	Method	Prep Type
Total Dissolved Solids	845	10.0	4.0 mg/L	1	SM2540 C	Total/NA

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Client Sample Results

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Lab Sample ID: 480-180557-1

Joannpie ID. 400-100337-1

Matrix: Water

Job ID: 480-180557-1

Client Sample ID: EFFLUENT 012521 Date Collected: 01/25/21 07:20

Date Received: 01/26/21 13:00

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	845		10.0	4.0	mg/L			01/28/21 12:17	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			01/28/21 12:24	1

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QC Sample Results

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Job ID: 480-180557-1

Prep Type: Total/NA

Method: SM 2540D - Solids, Total Suspended (TSS)

Lab Sample ID: MB 480-567618/1 Client Sample ID: Method Blank

Matrix: Water

Analysis Batch: 567618

MB MB Dil Fac Analyte Result Qualifier RL RL Unit D Prepared Analyzed Total Suspended Solids ND 1.0 1.0 mg/L 01/28/21 12:24

Lab Sample ID: LCS 480-567618/2 **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA

Analysis Batch: 567618

Spike LCS LCS %Rec. Analyte Added Result Qualifier Unit D %Rec Limits

2410

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-567614/1 Client Sample ID: Method Blank Prep Type: Total/NA

2400

mg/L

99

88 - 110

Matrix: Water

Total Suspended Solids

Analysis Batch: 567614 MB MB

Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Total Dissolved Solids ND 10.0 4.0 mg/L 01/28/21 12:17

Lab Sample ID: LCS 480-567614/2 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Water

Analysis Batch: 567614

Spike LCS LCS %Rec. Analyte Added Result Qualifier Unit %Rec Limits Total Dissolved Solids 503 506.0 101 85 - 115 mg/L

QC Association Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Job ID: 480-180557-1

General Chemistry

Analysis Batch: 567614

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-180557-1	EFFLUENT 012521	Total/NA	Water	SM2540 C	
MB 480-567614/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-567614/2	Lab Control Sample	Total/NA	Water	SM2540 C	

Analysis Batch: 567618

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-180557-1	EFFLUENT 012521	Total/NA	Water	SM 2540D	
MB 480-567618/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-567618/2	Lab Control Sample	Total/NA	Water	SM 2540D	

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Lab Chronicle

Client: O'Brien & Gere Inc of North America Job ID: 480-180557-1

Project/Site: Former Accurate Die Cast

Client Sample ID: EFFLUENT 012521

Lab Sample ID: 480-180557-1 Date Collected: 01/25/21 07:20

Matrix: Water

Date Received: 01/26/21 13:00

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	567618	01/28/21 12:24	CSS	TAL BUF
Total/NA	Analysis	SM2540 C		1	567614	01/28/21 12:17	CSS	TAL BUF

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-180557-1

Laboratory: Eurofins TestAmerica, Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program		Identification Number	Expiration Date	
New York	NE	LAP	10026	03-31-21	
The following analytes	are included in this report, but	t the laboratory is not certifi	ied by the governing authority. This list ma	ay include analytes for w	
The following analytes the agency does not of	. ,	t the laboratory is not certifi	ied by the governing authority. This list ma	ay include analytes for w	
0 ,	. ,	t the laboratory is not certifi Matrix	ied by the governing authority. This list ma	ay include analytes for w	

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Method Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-180557-1

Method	Method Description	Protocol	Laboratory
SM 2540D	Solids, Total Suspended (TSS)	SM	TAL BUF
SM2540 C	Total Dissolved Solids	SM18	TAL BUF

Protocol References:

SM = "Standard Methods For The Examination Of Water And Wastewater"

SM18 = "Standard Methods For The Examination Of Water And Wastewater", 18th Edition, 1992.

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

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Sample Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Job ID: 480-180557-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-180557-1	EFFLUENT 012521	Water	01/25/21 07:20	01/26/21 13:00	

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N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2SO3 S - H2SO4 Special Instructions/Note: Z - other (specify) U - Acetone V - MCAA W - pH 4-5 Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) Return To Client Disposal By Lab Archive For Mon Special Instructions/QC Requirements: 480-120420-10586.1 reservation Codes H - Ascorbic Acid Page 1 of 1 D - Nitric Acid E - NaHSO4 F - MeOH - Ice J - DI Water K - EDTA L - EDA G - Amchlor 480-180557 Chain of Custody # Total Number of containers Se Analysis Requested Aethod of Shipment: Cooler Temperature(s) C and Other Remarks joe giacomazza@testamericainc.com Received by: Spilo Calcd - Total Dissolved Solids Lab PM: Giacomazza, Joe V Perform MSINISD (Yes or No) -Mail (Wewater, Sesolid, Oewaste/oll, Preservation Code: Matrix Water Soennecky Radiological Type (C=comp, G=grab) Sample 2 30C Compliance Project: A Yes A No 1:30 Sample Time MARILIN Date: Unknown (days) Date Requested: Sample Date 1-25-21 PO #: 12000090 Project #: 48008584 SSOW#: Poison B Skin Irritant Deliverable Requested: I, II, III, IV, Other (specify) Custody Seal No. 333 West Washington St. PO BOX 4873 315-956-6100(Tel) 315-463-7554(Fax) O'Brien & Gere Inc of North America Possible Hazard Identification 0/3531 Former Accurate Die Cast Empty Kit Relinquished by Custody Seals Intact: A Yes A No yuri.veliz@ramboll.com Client Information Sample Identification Non-Hazard City: East Syracuse Mr. Yuri Veliz State, Zip: NY, 13221 New York Effluent

Environment Testing

eurofins :

Chain of Custody Record

Eurofins TestAmerica, Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298 Phone: 716-691-2600 Fax: 716-691-7991

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America Job Number: 480-180557-1

Login Number: 180557 List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Sabuda, Brendan D

orontori outauti p		
Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.5 #1 ICE
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	True	

Eurofins TestAmerica, Buffalo



Environment Testing America

ANALYTICAL REPORT

Eurofins TestAmerica, Buffalo 10 Hazelwood Drive Amherst, NY 14228-2298 Tel: (716)691-2600

Laboratory Job ID: 480-180751-1

Client Project/Site: Former Accurate Die Cast

For:

O'Brien & Gere Inc of North America 333 West Washington St. PO BOX 4873 East Syracuse, New York 13221

Attn: Mr. David J Carnevale

Jack V. giacomaga

Authorized for release by: 2/15/2021 9:17:25 AM

Joe Giacomazza, Project Manager I (716)691-2600 joe.giacomazza@testamericainc.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

2

3

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10

13

14

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
Surrogate Summary	7
QC Sample Results	8
QC Association Summary	10
Lab Chronicle	11
Certification Summary	12
Method Summary	13
Sample Summary	14
Chain of Custody	15
Receipt Checklists	16

3

4

6

8

9

11

12

14

Definitions/Glossary

Client: O'Brien & Gere Inc of North America

Job ID: 480-180751-1

Project/Site: Former Accurate Die Cast

Glossary

QC

RER

RPD

TEF

TEQ

TNTC

RL

Quality Control

Relative Error Ratio (Radiochemistry)

Toxicity Equivalent Factor (Dioxin)

Too Numerous To Count

Toxicity Equivalent Quotient (Dioxin)

Reporting Limit or Requested Limit (Radiochemistry)

Relative Percent Difference, a measure of the relative difference between two points

Abbreviation ¤	These commonly used abbreviations may or may not be present in this report. Listed under the "D" column to designate that the result is reported on a dry weight basis			
	Listed under the "D" column to designate that the result is reported on a dry weight basis			
%R	Percent Recovery			
CFL	Contains Free Liquid			
CFU	Colony Forming Unit			
CNF	Contains No Free Liquid			
DER	Duplicate Error Ratio (normalized absolute difference)			
Dil Fac	Dilution Factor			
DL	Detection Limit (DoD/DOE)			
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample			
DLC	Decision Level Concentration (Radiochemistry)			
EDL	Estimated Detection Limit (Dioxin)			
LOD	Limit of Detection (DoD/DOE)			
LOQ	Limit of Quantitation (DoD/DOE)			
MCL	EPA recommended "Maximum Contaminant Level"			
MDA	Minimum Detectable Activity (Radiochemistry)			
MDC	Minimum Detectable Concentration (Radiochemistry)			
MDL	Method Detection Limit			
ML	Minimum Level (Dioxin)			
MPN	Most Probable Number			
MQL	Method Quantitation Limit			
NC	Not Calculated			
ND	Not Detected at the reporting limit (or MDL or EDL if shown)			
NEG	Negative / Absent			
POS	Positive / Present			
PQL	Practical Quantitation Limit			
PRES	Presumptive			

Case Narrative

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-180751-1

Job ID: 480-180751-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-180751-1

Comments

No additional comments.

Receipt

The samples were received on 2/2/2021 9:30 AM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.4° C.

GC/MS VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

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Detection Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Job ID: 480-180751-1

Client Sample ID: EFFLUENT - COMP - 020121

Lab Sample ID: 480-180751-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	796		10.0	4.0	mg/L	1		SM2540 C	Total/NA

Client Sample ID: BETWEEN CARBONS - 20121

Lab Sample ID: 480-180751-2

	Analyte	Result Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
l	cis-1,2-Dichloroethene	6.1	1.0	0.81	ug/L	1	_	8260C	Total/NA
	Trichloroethene	28	1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: EFFLUENT - GRAB - 020121

Lab Sample ID: 480-180751-3

No Detections.

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Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Lab Sample ID: 480-180751-1

Client Sample ID: EFFLUENT - COMP - 020121 Date Collected: 02/01/21 07:20

Date Received: 02/02/21 09:30

Matrix: Water

Job ID: 480-180751-1

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	796		10.0	4.0	mg/L			02/02/21 17:15	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			02/02/21 17:37	1

Lab Sample ID: 480-180751-2

Client Sample ID: BETWEEN CARBONS - 20121 Date Collected: 02/01/21 07:20 **Matrix: Water**

Date Received: 02/02/21 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/03/21 01:08	1
cis-1,2-Dichloroethene	6.1		1.0	0.81	ug/L			02/03/21 01:08	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/03/21 01:08	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/03/21 01:08	1
Toluene	ND		1.0	0.51	ug/L			02/03/21 01:08	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/03/21 01:08	1
Trichloroethene	28		1.0	0.46	ug/L			02/03/21 01:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		77 - 120			=		02/03/21 01:08	1

4-Bromofluorobenzene (Surr) 98 73 - 120 02/03/21 01:08 Toluene-d8 (Surr) 90 80 - 120 02/03/21 01:08 Dibromofluoromethane (Surr) 75 - 123 02/03/21 01:08

Client Sample ID: EFFLUENT - GRAB - 020121

Lab Sample ID: 480-180751-3 Date Collected: 02/01/21 07:20 **Matrix: Water**

Date Received: 02/02/21 09:30

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/03/21 01:33	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/03/21 01:33	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/03/21 01:33	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/03/21 01:33	1
Toluene	ND		1.0	0.51	ug/L			02/03/21 01:33	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/03/21 01:33	1
Trichloroethene	ND		1.0	0.46	ug/L			02/03/21 01:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		77 - 120			_		02/03/21 01:33	1
4-Bromofluorobenzene (Surr)	95		73 - 120					02/03/21 01:33	1
Toluene-d8 (Surr)	90		80 - 120					02/03/21 01:33	1
Dibromofluoromethane (Surr)	92		75 - 123					02/03/21 01:33	1

2/15/2021

Surrogate Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-180751-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water Prep Type: Total/NA

_				Percent Sur	rogate Rec
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(80-120)	(75-123)
480-180751-2	BETWEEN CARBONS - 20121	92	98	90	92
480-180751-3	EFFLUENT - GRAB - 020121	94	95	90	92
LCS 480-568138/6	Lab Control Sample	91	95	91	89
MB 480-568138/8	Method Blank	94	103	94	88

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

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Job ID: 480-180751-1

Prep Type: Total/NA

Client Sample ID: Method Blank

Client: O'Brien & Gere Inc of North America

Project/Site: Former Accurate Die Cast

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-568138/8

Matrix: Water

Analysis Batch: 568138

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/02/21 23:54	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			02/02/21 23:54	1
Methylene Chloride	ND		1.0	0.44	ug/L			02/02/21 23:54	1
Tetrachloroethene	ND		1.0	0.36	ug/L			02/02/21 23:54	1
Toluene	ND		1.0	0.51	ug/L			02/02/21 23:54	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			02/02/21 23:54	1
Trichloroethene	ND		1.0	0.46	ug/L			02/02/21 23:54	1

MB MB

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94	77 _ 120		02/02/21 23:54	1
4-Bromofluorobenzene (Surr)	103	73 - 120		02/02/21 23:54	1
Toluene-d8 (Surr)	94	80 - 120		02/02/21 23:54	1
Dibromofluoromethane (Surr)	88	75 ₋ 123		02/02/21 23:54	1

Lab Sample ID: LCS 480-568138/6

Matrix: Water

Analysis Batch: 568138

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
1,1,2,2-Tetrachloroethane	25.0	26.8		ug/L		107	76 - 120	
cis-1,2-Dichloroethene	25.0	23.1		ug/L		92	74 - 124	
Methylene Chloride	25.0	25.9		ug/L		104	75 _ 124	
Tetrachloroethene	25.0	23.6		ug/L		94	74 - 122	
Toluene	25.0	23.8		ug/L		95	80 _ 122	
trans-1,2-Dichloroethene	25.0	23.4		ug/L		93	73 - 127	
Trichloroethene	25.0	25.1		ug/L		101	74 - 123	

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	91		77 - 120
4-Bromofluorobenzene (Surr)	95		73 - 120
Toluene-d8 (Surr)	91		80 - 120
Dibromofluoromethane (Surr)	89		75 - 123

Method: SM 2540D - Solids, Total Suspended (TSS)

Lab Sample ID: MB 480-568162/1

Matrix: Water

Analysis Batch: 568162

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Type: Total/NA

MB MB

Analyte	Result Qualifier	RL	RL Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND	1.0	1.0 mg/L			02/02/21 17:37	1

Lab Sample ID: LCS 480-568162/2

Matrix: Water

Analysis Batch: 500102								
	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Total Suspended Solids	2520	2510		mg/L		99	88 - 110	

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Page 8 of 16

QC Sample Results

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Job ID: 480-180751-1

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-568158/1 Client Sample ID: Method Blank

Matrix: Water Prep Type: Total/NA

Analysis Batch: 568158 MB MB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10.0	4.0	mg/L			02/02/21 17:15	1

Lab Sample ID: LCS 480-568158/2 **Client Sample ID: Lab Control Sample**

Matrix: Water Prep Type: Total/NA Analysis Batch: 568158

Spike LCS LCS %Rec.

Added Result Qualifier Limits Analyte Unit D %Rec **Total Dissolved Solids** 503 520.0 mg/L 103 85 - 115

2/15/2021

QC Association Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Job ID: 480-180751-1

GC/MS VOA

Analysis Batch: 568138

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-180751-2	BETWEEN CARBONS - 20121	Total/NA	Water	8260C	
480-180751-3	EFFLUENT - GRAB - 020121	Total/NA	Water	8260C	
MB 480-568138/8	Method Blank	Total/NA	Water	8260C	
LCS 480-568138/6	Lab Control Sample	Total/NA	Water	8260C	

General Chemistry

Analysis Batch: 568158

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-180751-1	EFFLUENT - COMP - 020121	Total/NA	Water	SM2540 C	
MB 480-568158/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-568158/2	Lab Control Sample	Total/NA	Water	SM2540 C	

Analysis Batch: 568162

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-180751-1	EFFLUENT - COMP - 020121	Total/NA	Water	SM 2540D	- <u> </u>
MB 480-568162/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-568162/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Lab Chronicle

Client: O'Brien & Gere Inc of North America

Project/Site: Former Accurate Die Cast

Lab Sample ID: 480-180751-1

Client Sample ID: EFFLUENT - COMP - 020121 Date Collected: 02/01/21 07:20 Matrix: Water

Date Received: 02/02/21 09:30

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	568162	02/02/21 17:37	CSS	TAL BUF
Total/NA	Analysis	SM2540 C		1	568158	02/02/21 17:15	CSS	TAL BUF

Client Sample ID: BETWEEN CARBONS - 20121 Lab Sample ID: 480-180751-2

Date Collected: 02/01/21 07:20

Date Received: 02/02/21 09:30

Γ	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	568138	02/03/21 01:08	RJF	TAL BUF

Lab Sample ID: 480-180751-3 Client Sample ID: EFFLUENT - GRAB - 020121

Date Collected: 02/01/21 07:20

Date Received: 02/02/21 09:30

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	568138	02/03/21 01:33	RJF	TAL BUF

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Job ID: 480-180751-1

Matrix: Water

Matrix: Water

Accreditation/Certification Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Job ID: 480-180751-1

Laboratory: Eurofins TestAmerica, Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Pr	ogram	Identification Number	Expiration Date 03-31-21	
New York	NE	ELAP	10026		
The fellowing and history	many transferred and the Blatter many and the co		and have the announcement of the points. Their link was	and the almost and a linear dealers.	
The following analytes	are included in this report, but	t the laboratory is not certifi	ied by the governing authority. This list ma	ay include analytes for v	
The following analytes the agency does not of	. ,	t the laboratory is not certifi	ied by the governing authority. This list ma	ay include analytes for v	
0 ,	. ,	t the laboratory is not certifi Matrix	ied by the governing authority. This list ma	ay include analytes for v	

Eurofins TestAmerica, Buffalo

2/15/2021

Method Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-180751-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
SM 2540D	Solids, Total Suspended (TSS)	SM	TAL BUF
SM2540 C	Total Dissolved Solids	SM18	TAL BUF
5030C	Purge and Trap	SW846	TAL BUF

Protocol References:

SM = "Standard Methods For The Examination Of Water And Wastewater"

SM18 = "Standard Methods For The Examination Of Water And Wastewater", 18th Edition, 1992.

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

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

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Sample Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Job ID: 480-180751-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset
480-180751-1	EFFLUENT - COMP - 020121	Water	02/01/21 07:20	02/02/21 09:30	
480-180751-2	BETWEEN CARBONS - 20121	Water	02/01/21 07:20	02/02/21 09:30	
480-180751-3	EFFLUENT - GRAB - 020121	Water	02/01/21 07:20	02/02/21 09:30	

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10 Hazelwood Drive Amherst, NY 14228-2298 Phone: 716-691-2600 Fax: 716-691-7991	Chain of Custody Record		eurofins Environment Testing America
Client Information	Sample MA Tru Known Lab PM:	Carrier Tracking No(s):	COC No:
Client Contact: Mr. Yuri Veliz	130 1200	State of Original State of Ori	480-145297-10588.1 Page:
Company: O'Brien & Gere Inc of North America	PWSID: Dec glacomazza@testamericainc.com		Page 1 of 1 Job#:
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:	Analysis Requested	Preservation Codes:
City: East Syracuse	TAT Requested (days):		
State, Zip: NY, 13221	Compliance Project: A Yes A No		C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S
Phone: 315-956-6100(Tel) 315-463-7554(Fax)			
Email: yuri.veliz@ramboll.com	OV NO		
Project Name: Former Accurate Die Cast	M 10 a	iners	J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Z - other (snecity)
Site: New York	epueds	conta	
		Vumber of	
Sample Identification	Field Performance 2640D	20020	Special Instructions/Note:
Effluent 030/3/	N N	X	
Between Carbons	1 120 (
Efficient Caolai	N. 30 C		
	0000	0	
	A		
	10/1/2		
		MINIMUM of Custour	
Dareible Heart Headiff - 4:	/	4801000	
Non-Hazard Flammable Skin Irritant Nelivership Box contest I II III N. On the Irritant	Poison B Unknown Radiological	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) Return To Client Disposal By Lab	d longer than 1 month)
Deliverable Neglested: 1, II, III, IV, Other (specify)			Months
Emply Nt Reinquished by: Reinquishedby:	Date: Time:	Method of Shipment:	
Relinante body by Memble	31 / 10:00 Company 6	PaterTime DaterTime 17	Company Chin
Commission by C XIG [1.1]	2	Date Time 7 7	Company
	Compa	Date/Time:	Company
Custody Seals Intact: Custody Seal No.:	Cooler Tem	Cooler Temperature(s) °C and Other Remarks.	7167
			Ver: 11/01/2020

Client: O'Brien & Gere Inc of North America

Job Number: 480-180751-1

Login Number: 180751 List Source: Eurofins TestAmerica, Buffalo

List Number: 1 Creator: Stopa, Erik S

oroatori otopa, zint o		
Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	OBG
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

Eurofins TestAmerica, Buffalo



Environment Testing America

ANALYTICAL REPORT

Eurofins TestAmerica, Buffalo 10 Hazelwood Drive Amherst, NY 14228-2298 Tel: (716)691-2600

Laboratory Job ID: 480-180989-1

Client Project/Site: Former Accurate Die Cast

For:

O'Brien & Gere Inc of North America 333 West Washington St. PO BOX 4873 East Syracuse, New York 13221

Attn: Mr. David J Carnevale

Joseph V. giacomagger

Authorized for release by: 2/15/2021 9:25:36 AM

Joe Giacomazza, Project Manager I (716)691-2600 joe.giacomazza@testamericainc.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
QC Sample Results	7
QC Association Summary	8
Lab Chronicle	9
Certification Summary	10
Method Summary	11
Sample Summary	12
Chain of Custody	13
Receipt Checklists	14

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Definitions/Glossary

Client: O'Brien & Gere Inc of North America

Job ID: 480-180989-1

Project/Site: Former Accurate Die Cast

Glossary

RPD

TEF

TEQ

TNTC

Cioccai	
Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)

Relative Percent Difference, a measure of the relative difference between two points

Toxicity Equivalent Factor (Dioxin)

Too Numerous To Count

Toxicity Equivalent Quotient (Dioxin)

Eurofins TestAmerica, Buffalo

2/15/2021

Case Narrative

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-180989-1

Job ID: 480-180989-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-180989-1

Comments

No additional comments.

Receipt

The sample was received on 2/9/2021 9:30 AM; the sample arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.8° C.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

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Detection Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Job ID: 480-180989-1

Client Sample ID: EFFLUENT 020821

La	b Sample	ID: 480	1-180989-1

Analyte	Result Qualifier	RL	MDL Unit	Dil Fac D	Method	Prep Type
Total Dissolved Solids	701	10.0	4.0 mg/L	1	SM2540 C	Total/NA

Client Sample Results

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Job ID: 480-180989-1

Client Sample ID: EFFLUENT 020821

Lab Sample ID: 480-180989-1

Matrix: Water

Date Collected: 02/08/21 07:20 Date Received: 02/09/21 09:30

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	701		10.0	4.0	mg/L			02/10/21 03:38	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			02/10/21 03:05	1

QC Sample Results

Client: O'Brien & Gere Inc of North America

Job ID: 480-180989-1

Project/Site: Former Accurate Die Cast

Method: SM 2540D - Solids, Total Suspended (TSS)

Lab Sample ID: MB 480-568866/1 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 568866

MB MB Dil Fac Analyte Result Qualifier RL RL Unit D Prepared Analyzed Total Suspended Solids ND 4.0 4.0 mg/L 02/10/21 03:05

Lab Sample ID: LCS 480-568866/2 **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA

Analysis Batch: 568866

Spike LCS LCS %Rec. Analyte Added Result Qualifier Unit D %Rec Limits Total Suspended Solids 382 373.2 mg/L 98 88 - 110

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-568867/1 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 568867

MB MB Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Total Dissolved Solids ND 10.0 4.0 mg/L 02/10/21 03:38

Lab Sample ID: LCS 480-568867/2 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Water

Analysis Batch: 568867

Spike LCS LCS %Rec. Analyte Added Result Qualifier Unit %Rec Limits Total Dissolved Solids 503 514.0 102 85 - 115 mg/L

Eurofins TestAmerica, Buffalo

QC Association Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Job ID: 480-180989-1

General Chemistry

Analysis Batch: 568866

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-180989-1	EFFLUENT 020821	Total/NA	Water	SM 2540D	
MB 480-568866/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-568866/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 568867

Lab Sample ID 480-180989-1	Client Sample ID EFFLUENT 020821	Prep Type Total/NA	Matrix Water	Method SM2540 C	Prep Batch
MB 480-568867/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-568867/2	Lab Control Sample	Total/NA	Water	SM2540 C	

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Lab Chronicle

Client: O'Brien & Gere Inc of North America Job ID: 480-180989-1

Project/Site: Former Accurate Die Cast

Date Received: 02/09/21 09:30

Client Sample ID: EFFLUENT 020821

Lab Sample ID: 480-180989-1 Date Collected: 02/08/21 07:20

Matrix: Water

Batch Batch Dilution Batch Prepared Method Prep Type Туре Run Factor Number or Analyzed Analyst Lab Total/NA SM 2540D 568866 02/10/21 03:05 SRW TAL BUF Analysis Total/NA Analysis SM2540 C 568867 02/10/21 03:38 SRW TAL BUF

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-180989-1

Laboratory: Eurofins TestAmerica, Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Pr	ogram	Identification Number	Expiration Date
New York	NI	ELAP	10026	03-31-21
The following analytes	are included in this report, but	it the laboratory is not certifi	ied by the governing authority. This list ma	ay include analytes for v
the agency does not of	fer certification.	•	, , ,	ay include analytes for w
• ,	•	ut the laboratory is not certifi Matrix	ied by the governing authority. This list ma	ay include analytes for w

Eurofins TestAmerica, Buffalo

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Method Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-180989-1

Method	Method Description	Protocol	Laboratory
SM 2540D	Solids, Total Suspended (TSS)	SM	TAL BUF
SM2540 C	Total Dissolved Solids	SM18	TAL BUF

Protocol References:

SM = "Standard Methods For The Examination Of Water And Wastewater"

SM18 = "Standard Methods For The Examination Of Water And Wastewater", 18th Edition, 1992.

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

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Sample Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Job ID: 480-180989-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-180989-1	EFFLUENT 020821	Water	02/08/21 07:20	02/09/21 09:30	

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Client Information	M Col.	100	Lab PM:	Carrier Tracking No(s):	COC No:
Client Contact:	1	ついただがってんか	Giacomazza, Joe V	SVERCISE	480-145335-10586.1
Mr. Yuri Veliz	315-429-1	300	E-Mail: loe.giacomazza@testamericainc.cc		Page:
Company: O'Brien & Gere Inc of North America		PWSID:		#2225	Page 1 or 1 Job#:
Address:	0		Analysis	sis Requested	
333 West Washington St. PO BOX 4873	Due Date Requested:				Preservation Codes:
City: East Syracuse	TAT Requested (days):				
State, Zip: NY, 13221					C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na204S
Phone: 315-956-6100(Tel) 315-463-7554/Fav\	89 4	ON 4			=
1 0	- X000000 - X0 #:		s (0		SO4 P Dodecahydrate etone
Project Name: Former Accurate Die Cast	Project #: 48008584		s or No	480-180989 Chain of Custody	SAA H4-5 Odv
Site: New York	SSOW#:		P (Ye		
Sample Identification	Sample (Sample (Sample)		Matrix Matrix Second Se	to TədmuM İsî	
	X	Preservation Code	Z Z	o1)	Special Instructions/Note:
Effluent 0308 2/	2-8-21 7:30	8		X C	
	\vdash)		8	
//					
8					
l'					
ant \square	Poison B Unknown R	Radiological	Sample Disposal (A fee r	ples are re	ned longer than 1 month)
. III, IV, Qt		ò	Special Instructions/QC Requirements:		Archive For Months
Empty Kit Relinquished by: Relinquished-by:	Date: /		Time:	Method of Shipment:	
Reinquished by Remain	Date/Time.	65 Company	A	16 Date/Time:	/0 'g - Company
Relinquished by:	-21/18	Company	Company Received by Received by	Date/Time	330
		-		Date: Inte:	Сотрапу
			Cooler Temperature(s) °C and Other Remarks.	d Other Remarks:	878

eurofins Environment Testing America

Chain of Custody Record

Eurofins TestAmerica, Buffalo 10 Hazelwood Drive Amherst, NY 14228-2298 Phone: 716-691-2600 Fax: 716-691-7991

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America Job Number: 480-180989-1

Login Number: 180989 List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Wallace, Cameron

Creator. Wallace, Cameron		
Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	OBG
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

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Environment Testing America

ANALYTICAL REPORT

Eurofins TestAmerica, Buffalo 10 Hazelwood Drive Amherst, NY 14228-2298 Tel: (716)691-2600

Laboratory Job ID: 480-181237-1

Client Project/Site: Former Accurate Die Cast

For:

O'Brien & Gere Inc of North America 333 West Washington St. PO BOX 4873 East Syracuse, New York 13221

Attn: Mr. David J Carnevale

T

Authorized for release by: 2/26/2021 1:43:07 PM Rebecca Jones, Project Management Assistant I Rebecca.Jones@Eurofinset.com

Designee for

Joe Giacomazza, Project Manager I (716)691-2600

joe.giacomazza@testamericainc.com

LINKS

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Have a Question?



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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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13

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
QC Sample Results	7
QC Association Summary	8
Lab Chronicle	9
Certification Summary	10
Method Summary	11
Sample Summary	12
Chain of Custody	13
Receint Checklists	14

3

4

6

8

10

11

13

Definitions/Glossary

Client: O'Brien & Gere Inc of North America

Job ID: 480-181237-1

Project/Site: Former Accurate Die Cast

Glossary

RPD

TEF

TEQ

TNTC

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)

Relative Percent Difference, a measure of the relative difference between two points

Toxicity Equivalent Factor (Dioxin)

Too Numerous To Count

Toxicity Equivalent Quotient (Dioxin)

Eurofins TestAmerica, Buffalo

2/26/2021

Case Narrative

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-181237-1

Job ID: 480-181237-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-181237-1

Comments

No additional comments.

Receipt

The sample was received on 2/17/2021 9:00 AM. Unless otherwise noted below, the sample arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.3° C.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

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Detection Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Job ID: 480-181237-1

Client Sample ID: EFFLUENT 021621

Lab Sample ID: 480-181237-1

Analyte	Result Qualifier	RL	MDL Unit	Dil Fac D	Method	Prep Type
Total Dissolved Solids	827	10.0	4.0 mg/L	1	SM2540 C	Total/NA

Client Sample Results

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Client Sample ID: EFFLUENT 021621

Date Collected: 02/16/21 09:15 Date Received: 02/17/21 09:00 Lab Sample ID: 480-181237-1

Matrix: Water

Job ID: 480-181237-1

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	827		10.0	4.0	mg/L			02/18/21 15:13	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			02/18/21 15:15	1

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QC Sample Results

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Job ID: 480-181237-1

Method: SM 2540D - Solids, Total Suspended (TSS)

Lab Sample ID: MB 480-570018/1 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 570018

_	MB M	1B						
Analyte	Result Q	Qualifier	RL	RL Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		1.0	1.0 mg/L			02/18/21 15:15	1

Lab Sample ID: LCS 480-570018/2 **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA

Analysis Batch: 570018

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Total Suspended Solids	2860	2848		mg/L		99	88 - 110	

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-570017/1 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 570017

MB MB Dil Fac Analyte Result Qualifier RLMDL Unit Prepared Analyzed Total Dissolved Solids ND 10.0 4.0 mg/L 02/18/21 15:13

Lab Sample ID: LCS 480-570017/2 Client Sample ID: Lab Control Sample Prep Type: Total/NA

Matrix: Water

Analysis Batch: 570017

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Total Dissolved Solids	503	500.0		mg/L		99	85 - 115	

2/26/2021

QC Association Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Job ID: 480-181237-1

General Chemistry

Analysis Batch: 570017

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-181237-1	EFFLUENT 021621	Total/NA	Water	SM2540 C	
MB 480-570017/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-570017/2	Lab Control Sample	Total/NA	Water	SM2540 C	

Analysis Batch: 570018

Lab Sample ID 480-181237-1	Client Sample ID EFFLUENT 021621	Prep Type Total/NA	Matrix Water	Method SM 2540D	Prep Batch
MB 480-570018/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-570018/2	Lab Control Sample	Total/NA	Water	SM 2540D	

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Lab Chronicle

Client: O'Brien & Gere Inc of North America Job ID: 480-181237-1

Project/Site: Former Accurate Die Cast

Client Sample ID: EFFLUENT 021621

Lab Sample ID: 480-181237-1 Date Collected: 02/16/21 09:15

Matrix: Water

Date Received: 02/17/21 09:00

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	570018	02/18/21 15:15	CSS	TAL BUF
Total/NA	Analysis	SM2540 C		1	570017	02/18/21 15:13	CSS	TAL BUF

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-181237-1

Laboratory: Eurofins TestAmerica, Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Pr	ogram	Identification Number	Expiration Date
New York	NI	ELAP	10026	03-31-21
The following analytes	are included in this report by	it the laboratory is not cortifi	ed by the governing authority. This list ma	y include analytes for
		at the laboratory is not certili		
0 ,	. ,	,	, 9,	ay include analytes for
the agency does not of	. ,	,	, g	ay include analytes for
0 ,	. ,	Matrix	Analyte	ay include analytes for

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Method Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-181237-1

Method	Method Description	Protocol	Laboratory
SM 2540D	Solids, Total Suspended (TSS)	SM	TAL BUF
SM2540 C	Total Dissolved Solids	SM18	TAL BUF

Protocol References:

SM = "Standard Methods For The Examination Of Water And Wastewater"

SM18 = "Standard Methods For The Examination Of Water And Wastewater", 18th Edition, 1992.

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

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Sample Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Job ID: 480-181237-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-181237-1	EFFLUENT 021621	Water	02/16/21 09:15	02/17/21 09:00	

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Eurofins TestAmerica, Buffalo

Amherst, NY 14228-2298 10 Hazelwood Drive

Phone: 716-691-2600 Fax: 716-691-7991

Client Information

Mr. Yuri Veliz

333 West Washington St. PO BOX 4873

East Syracuse

State, Zip. NY, 13221

O'Brien & Gere Inc of North America

315-956-6100(Tel) 315-463-7554(Fax)

Former Accurate Die Cast

New York

yun.veliz@ramboll.com

Page 13 of 14

ORIBAI

Effluent

Sample Identification

Custody Seal No.

Custody Seals Intact:

Δ Yes Δ No

Poison B

Skin Irritant

Deliverable Requested: I, II, III, IV, Other (specify)

Empty Kit Relinquished by:

Flammable

Possible Hazard Identification

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America Job Number: 480-181237-1

Login Number: 181237 List Source: Eurofins TestAmerica, Buffalo

List Number: 1 Creator: Stopa, Erik S

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	OBG
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

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IP



Environment Testing America

ANALYTICAL REPORT

Eurofins TestAmerica, Buffalo 10 Hazelwood Drive Amherst, NY 14228-2298 Tel: (716)691-2600

Laboratory Job ID: 480-181490-1

Client Project/Site: Former Accurate Die Cast

For:

O'Brien & Gere Inc of North America 333 West Washington St. PO BOX 4873 East Syracuse, New York 13221

Attn: Mr. David J Carnevale

Authorized for release by: 3/5/2021 2:51:23 PM

Rebecca Jones, Project Management Assistant I Rebecca.Jones@Eurofinset.com

Designee for

Joe Giacomazza, Project Manager I (716)691-2600

joe.giacomazza@testamericainc.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
Surrogate Summary	8
QC Sample Results	9
QC Association Summary	12
Lab Chronicle	13
Certification Summary	14
Method Summary	15
Sample Summary	16
Chain of Custody	17
Receipt Checklists	18

3

4

6

R

9

11

12

14

Definitions/Glossary

Client: O'Brien & Gere Inc of North America

Job ID: 480-181490-1

Project/Site: Former Accurate Die Cast

Glossary

RL

RPD

TEF

TEQ

TNTC

Reporting Limit or Requested Limit (Radiochemistry)

Toxicity Equivalent Factor (Dioxin)

Too Numerous To Count

Toxicity Equivalent Quotient (Dioxin)

Relative Percent Difference, a measure of the relative difference between two points

C.000	
Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)

Eurofins TestAmerica, Buffalo

3/5/2021

Case Narrative

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Job ID: 480-181490-1

Job ID: 480-181490-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-181490-1

Comments

No additional comments.

Receipt

The samples were received on 2/26/2021 10:30 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.4° C.

GC/MS VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-181490-1

Client Sample ID: EFFLUENT C 022521

Client Sample ID: EFFLEUNT G 022521

Lab Sample ID: 480-181490-1

Analyte	Result Qualifier	RL	MDL Unit	Dil Fac	D Method	Prep Type
Total Dissolved Solids	895	10.0	4.0 mg/L	1	SM2540 C	Total/NA

Lab Sample ID: 480-181490-2

No Detections.

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Client Sample Results

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Lab Sample ID: 480-181490-1

Matrix: Water

Job ID: 480-181490-1

Client Sample ID: EFFLUENT C 022521

Date Collected: 02/25/21 07:20 Date Received: 02/26/21 10:30

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	895		10.0	4.0	mg/L			03/02/21 11:53	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			02/27/21 17:09	1

Client Sample ID: EFFLEUNT G 022521

Date Collected: 02/25/21 07:20 Date Received: 02/26/21 10:30

Lab Sample ID: 480-181490-2

Matrix: Water

Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND —	1.0	0.82	ug/L			03/01/21 01:49	1
1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/L			03/01/21 01:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	0.31	ug/L			03/01/21 01:49	1
1,1,2-Trichloroethane	ND	1.0	0.23	ug/L			03/01/21 01:49	1
1,1-Dichloroethane	ND	1.0	0.38	ug/L			03/01/21 01:49	1
1,1-Dichloroethene	ND	1.0	0.29	ug/L			03/01/21 01:49	1
1,2,4-Trichlorobenzene	ND	1.0	0.41	ug/L			03/01/21 01:49	1
1,2-Dibromo-3-Chloropropane	ND	1.0	0.39	ug/L			03/01/21 01:49	1
1,2-Dibromoethane	ND	1.0	0.73	ug/L			03/01/21 01:49	1
1,2-Dichlorobenzene	ND	1.0	0.79	ug/L			03/01/21 01:49	1
1,2-Dichloroethane	ND	1.0	0.21	ug/L			03/01/21 01:49	1
1,2-Dichloropropane	ND	1.0	0.72	ug/L			03/01/21 01:49	1
1,3-Dichlorobenzene	ND	1.0		ug/L			03/01/21 01:49	1
1,4-Dichlorobenzene	ND	1.0	0.84	ug/L			03/01/21 01:49	1
2-Butanone (MEK)	ND	10	1.3	ug/L			03/01/21 01:49	1
2-Hexanone	ND	5.0	1.2	ug/L			03/01/21 01:49	1
4-Methyl-2-pentanone (MIBK)	ND	5.0	2.1	ug/L			03/01/21 01:49	1
Acetone	ND	10	3.0	ug/L			03/01/21 01:49	1
Benzene	ND	1.0	0.41	ug/L			03/01/21 01:49	1
Bromodichloromethane	ND	1.0	0.39	ug/L			03/01/21 01:49	1
Bromoform	ND	1.0	0.26	ug/L			03/01/21 01:49	1
Bromomethane	ND	1.0	0.69	ug/L			03/01/21 01:49	1
Carbon disulfide	ND	1.0	0.19	ug/L			03/01/21 01:49	1
Carbon tetrachloride	ND	1.0	0.27	ug/L			03/01/21 01:49	1
Chlorobenzene	ND	1.0	0.75	ug/L			03/01/21 01:49	1
Chloroethane	ND	1.0	0.32	ug/L			03/01/21 01:49	1
Chloroform	ND	1.0		ug/L			03/01/21 01:49	1
Chloromethane	ND	1.0		ug/L			03/01/21 01:49	1
cis-1,2-Dichloroethene	ND	1.0	0.81	ug/L			03/01/21 01:49	1
cis-1,3-Dichloropropene	ND	1.0		ug/L			03/01/21 01:49	1
Cyclohexane	ND	1.0		ug/L			03/01/21 01:49	1
Dibromochloromethane	ND	1.0		ug/L			03/01/21 01:49	1
Dichlorodifluoromethane	ND	1.0		ug/L			03/01/21 01:49	1
Ethylbenzene	ND	1.0		ug/L			03/01/21 01:49	1
Isopropylbenzene	ND	1.0		ug/L			03/01/21 01:49	1
Methyl acetate	ND	2.5		ug/L			03/01/21 01:49	1
Methyl tert-butyl ether	ND	1.0		ug/L			03/01/21 01:49	1
Methylcyclohexane	ND	1.0		ug/L			03/01/21 01:49	1
Methylene Chloride	ND	1.0		ug/L			03/01/21 01:49	1
Styrene	ND	1.0		ug/L			03/01/21 01:49	· 1

Eurofins TestAmerica, Buffalo

Page 6 of 18 3/5/2021

Client Sample Results

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Client Sample ID: EFFLEUNT G 022521

Date Collected: 02/25/21 07:20 Date Received: 02/26/21 10:30

Lab Sample ID: 480-181490-2

Matrix: Water

Job ID: 480-181490-1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	MD		1.0	0.36	ug/L			03/01/21 01:49	1
Toluene	ND		1.0	0.51	ug/L			03/01/21 01:49	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/01/21 01:49	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/01/21 01:49	1
Trichloroethene	ND		1.0	0.46	ug/L			03/01/21 01:49	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/01/21 01:49	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/01/21 01:49	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/01/21 01:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		77 - 120			_		03/01/21 01:49	1
4-Bromofluorobenzene (Surr)	96		73 - 120					03/01/21 01:49	1
Dibromofluoromethane (Surr)	105		75 - 123					03/01/21 01:49	1
Toluene-d8 (Surr)	88		80 - 120					03/01/21 01:49	1

Surrogate Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-181490-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water Prep Type: Total/NA

				Percent Su	rrogate Rec
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(75-123)	(80-120)
480-181490-2	EFFLEUNT G 022521	108	96	105	88
LCS 480-570836/5	Lab Control Sample	110	96	107	94
MB 480-570836/7	Method Blank	109	99	106	95
Surrogate Legend					
DCA = 1,2-Dichloroeth	ane-d4 (Surr)				

DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

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QC Sample Results

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Job ID: 480-181490-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-570836/7

Matrix: Water

Client Sample ID: Method Blank Prep Type: Total/NA

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			02/28/21 22:21	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			02/28/21 22:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			02/28/21 22:21	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			02/28/21 22:21	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			02/28/21 22:21	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			02/28/21 22:21	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			02/28/21 22:21	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			02/28/21 22:21	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			02/28/21 22:21	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			02/28/21 22:21	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			02/28/21 22:21	1
1,2-Dichloropropane	ND		1.0		ug/L			02/28/21 22:21	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			02/28/21 22:21	1
1,4-Dichlorobenzene	ND		1.0		ug/L			02/28/21 22:21	1
2-Butanone (MEK)	ND		10		ug/L			02/28/21 22:21	1
2-Hexanone	ND		5.0		ug/L			02/28/21 22:21	1
4-Methyl-2-pentanone (MIBK)	ND		5.0		ug/L			02/28/21 22:21	1
Acetone	ND		10		ug/L			02/28/21 22:21	1
Benzene	ND		1.0		ug/L			02/28/21 22:21	1
Bromodichloromethane	ND		1.0		ug/L			02/28/21 22:21	. 1
Bromoform	ND		1.0		ug/L			02/28/21 22:21	. 1
Bromomethane	ND		1.0		ug/L			02/28/21 22:21	1
Carbon disulfide	ND		1.0		ug/L			02/28/21 22:21	1
Carbon tetrachloride	ND		1.0		ug/L			02/28/21 22:21	1
Chlorobenzene	ND		1.0		ug/L			02/28/21 22:21	
Chloroethane	ND		1.0		ug/L			02/28/21 22:21	1
Chloroform	ND		1.0		ug/L			02/28/21 22:21	1
Chloromethane			1.0		ug/L			02/28/21 22:21	1
	ND ND								1
cis-1,2-Dichloroethene	ND ND		1.0		ug/L			02/28/21 22:21	1
cis-1,3-Dichloropropene			1.0		ug/L			02/28/21 22:21 02/28/21 22:21	
Cyclohexane	ND		1.0		ug/L				1
Dibromochloromethane	ND		1.0		ug/L			02/28/21 22:21	1
Dichlorodifluoromethane	ND		1.0		ug/L			02/28/21 22:21	
Ethylbenzene	ND		1.0		ug/L			02/28/21 22:21	1
Isopropylbenzene	ND		1.0		ug/L			02/28/21 22:21	1
Methyl acetate	ND		2.5		ug/L			02/28/21 22:21	
Methyl tert-butyl ether	ND		1.0		ug/L			02/28/21 22:21	1
Methylcyclohexane	ND		1.0		ug/L			02/28/21 22:21	1
Methylene Chloride	ND		1.0		ug/L			02/28/21 22:21	1
Styrene	ND		1.0		ug/L			02/28/21 22:21	1
Tetrachloroethene	ND		1.0		ug/L			02/28/21 22:21	1
Toluene	ND		1.0		ug/L			02/28/21 22:21	1
trans-1,2-Dichloroethene	ND		1.0		ug/L			02/28/21 22:21	1
trans-1,3-Dichloropropene	ND		1.0		ug/L			02/28/21 22:21	1
Trichloroethene	ND		1.0		ug/L			02/28/21 22:21	1
Trichlorofluoromethane	ND		1.0		ug/L			02/28/21 22:21	1
Vinyl chloride	ND		1.0	0.90	ug/L			02/28/21 22:21	1
Xylenes, Total	ND		2.0	0.66	ug/L			02/28/21 22:21	1

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3/5/2021

Page 9 of 18

QC Sample Results

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Job ID: 480-181490-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-570836/7

Lab Sample ID: LCS 480-570836/5

Matrix: Water

Methyl acetate

Methyl tert-butyl ether

Methylcyclohexane

Analysis Batch: 570836

Client Sample ID: Method Blank Prep Type: Total/NA

MB MB Surrogate %Recovery Qualifier Limits Prepared Analyzed Dil Fac 1,2-Dichloroethane-d4 (Surr) 109 77 - 120 02/28/21 22:21 4-Bromofluorobenzene (Surr) 99 73 - 120 02/28/21 22:21 75 - 123 Dibromofluoromethane (Surr) 106 02/28/21 22:21 Toluene-d8 (Surr) 95 80 - 120 02/28/21 22:21

Client Sample ID: Lab Control Sample

l	Eub Gampie ID: 200 400-07000070					Onchi	Oumpic	Prep Type: Tota	
l	Matrix: Water							Prep Type	e: Total/N
l	Analysis Batch: 570836								
l		Spike		LCS		_		%Rec.	
l	Analyte	Added		Qualifier	Unit	<u>D</u>	%Rec	Limits	
l	1,1,1-Trichloroethane	25.0	29.2		ug/L		117	73 - 126	
l	1,1,2,2-Tetrachloroethane	25.0	23.5		ug/L		94	76 - 120	
l	1,1,2-Trichloro-1,2,2-trifluoroetha	25.0	28.8		ug/L		115	61 ₋ 148	
l	ne 1,1,2-Trichloroethane	25.0	22.7		ug/L		91	76 - 122	
l	1,1-Dichloroethane	25.0	26.2		ug/L		105	77 - 120	
l	1,1-Dichloroethene	25.0	27.1		ug/L		108	66 ₋ 127	
l	1,2,4-Trichlorobenzene	25.0	25.8		ug/L		103	79 - 122	
l	1,2-Dibromo-3-Chloropropane	25.0	24.7		ug/L		99	56 ₋ 134	
l	1,2-Dibromoethane	25.0	24.5		ug/L		98	77 ₋ 120	
l	1,2-Dichlorobenzene	25.0	24.9		ug/L		100	80 - 124	
l	1,2-Dichloroethane	25.0	26.8		ug/L		107	75 ₋ 120	
l	1,2-Dichloropropane	25.0	24.6		ug/L		99	76 - 120	
l	1,3-Dichlorobenzene	25.0	25.0		ug/L		100	77 _ 120	
l	1,4-Dichlorobenzene	25.0	24.2		ug/L		97	80 - 120	
l	2-Butanone (MEK)	125	141		ug/L		113	57 - 140	
l	2-Hexanone	125	129		ug/L		103	65 _ 127	
l	4-Methyl-2-pentanone (MIBK)	125	127		ug/L		102	71 - 125	
l	Acetone	125	133		ug/L		106	56 - 142	
l	Benzene	25.0	24.3		ug/L		97	71 - 124	
l	Bromodichloromethane	25.0	27.9		ug/L		111	80 - 122	
l	Bromoform	25.0	29.8		ug/L		119	61 ₋ 132	
l	Bromomethane	25.0	24.8		ug/L		99	55 - 144	
l	Carbon disulfide	25.0	25.6		ug/L		103	59 ₋ 134	
l	Carbon tetrachloride	25.0	30.9		ug/L		124	72 - 134	
l	Chlorobenzene	25.0	24.6		ug/L		98	80 - 120	
l	Chloroethane	25.0	21.8		ug/L		87	69 - 136	
l	Chloroform	25.0	25.1		ug/L		100	73 - 127	
l	Chloromethane	25.0	25.6		ug/L		102	68 - 124	
l	cis-1,2-Dichloroethene	25.0	24.7		ug/L		99	74 - 124	
l	cis-1,3-Dichloropropene	25.0	25.7		ug/L		103	74 - 124	
l	Cyclohexane	25.0	28.8		ug/L		115	59 ₋ 135	
l	Dibromochloromethane	25.0	27.7		ug/L		111	75 - 125	
	Dichlorodifluoromethane	25.0	28.7		ug/L		115	59 ₋ 135	
١	Ethylbenzene	25.0	24.6		ug/L		98	77 - 123	
	Isopropylbenzene	25.0	24.1		ug/L		96	77 - 122	
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74 - 133

77 - 120

68 - 134

103

100

107

Page 10 of 18

51.6

25.0

26.8

ug/L

ug/L

ug/L

50.0

25.0

25.0

Job ID: 480-181490-1

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-570836/5 **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA

Analysis Batch: 570836

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Methylene Chloride	25.0	21.9		ug/L		88	75 - 124	
Styrene	25.0	24.4		ug/L		98	80 - 120	
Tetrachloroethene	25.0	26.2		ug/L		105	74 - 122	
Toluene	25.0	23.3		ug/L		93	80 - 122	
trans-1,2-Dichloroethene	25.0	25.9		ug/L		104	73 - 127	
trans-1,3-Dichloropropene	25.0	23.9		ug/L		95	80 - 120	
Trichloroethene	25.0	25.7		ug/L		103	74 - 123	
Trichlorofluoromethane	25.0	29.9		ug/L		119	62 _ 150	
Vinyl chloride	25.0	23.6		ug/L		95	65 - 133	

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	110		77 - 120
4-Bromofluorobenzene (Surr)	96		73 - 120
Dibromofluoromethane (Surr)	107		75 - 123
Toluene-d8 (Surr)	94		80 - 120
4-Bromofluorobenzene (Surr) Dibromofluoromethane (Surr)	96 107		73 - 120 75 - 123

Method: SM 2540D - Solids, Total Suspended (TSS)

Lab Sample ID: MB 480-570805/1

Matrix: Water

Analysis Batch: 570805

MB MB

Analyte	Result Qualifier	RL	RL Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND ND	1.0	1.0 mg/L			02/27/21 17:09	1

Lab Sample ID: LCS 480-570805/2 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Water

Analysis Batch: 570805

Analysis Batom or cocc								
	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Total Suspended Solids	3310	3307		mg/L		100	88 - 110	

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-571039/1 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 571039

мв мв

Analyte	Result Quali	lifier RL	MDL U	Jnit D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND	10.0	4.0 m	mg/L		03/02/21 11:53	1

Lab Sample ID: LCS 480-571039/2 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Water

Analysis Batch: 571039

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Total Dissolved Solids	503	500.0		mg/L		99	85 _ 115	

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Client Sample ID: Method Blank

Prep Type: Total/NA

QC Association Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Job ID: 480-181490-1

GC/MS VOA

Analysis Batch: 570836

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-181490-2	EFFLEUNT G 022521	Total/NA	Water	8260C	
MB 480-570836/7	Method Blank	Total/NA	Water	8260C	
LCS 480-570836/5	Lab Control Sample	Total/NA	Water	8260C	

General Chemistry

Analysis Batch: 570805

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-181490-1	EFFLUENT C 022521	Total/NA	Water	SM 2540D	
MB 480-570805/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-570805/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 571039

Lab Sample ID 480-181490-1	Client Sample ID EFFLUENT C 022521	Prep Type Total/NA	Matrix Water	Method Prep Batch SM2540 C
MB 480-571039/1	Method Blank	Total/NA	Water	SM2540 C
LCS 480-571039/2	Lab Control Sample	Total/NA	Water	SM2540 C

Lab Chronicle

Client: O'Brien & Gere Inc of North America Job ID: 480-181490-1 Project/Site: Former Accurate Die Cast

Client Sample ID: EFFLUENT C 022521

Lab Sample ID: 480-181490-1 Date Collected: 02/25/21 07:20

Matrix: Water

Date Received: 02/26/21 10:30

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	570805	02/27/21 17:09	CSS	TAL BUF
Total/NA	Analysis	SM2540 C		1	571039	03/02/21 11:53	CSS	TAL BUF

Client Sample ID: EFFLEUNT G 022521

Lab Sample ID: 480-181490-2 Date Collected: 02/25/21 07:20

Matrix: Water

Date Received: 02/26/21 10:30

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	570836	03/01/21 01:49	WJD	TAL BUF

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-181490-1

Laboratory: Eurofins TestAmerica, Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Pr	ogram	Identification Number	Expiration Date
New York	NI NI	ELAP	10026	03-31-21
The fellowing and the	Anna Paralle de al Paralle Control de la control de la			
i ne tollowing analytes	are included in this report, bu	it the laboratory is not certifi	ied by the governing authority. This list ma	av include analytes for t
0 ,	• •	it the laboratory is not certifi	ied by the governing authority. This list ma	ay include analytes for
the agency does not of	• •	ut the laboratory is not certifi	led by the governing authority. This list ma	ay include analytes for
0 ,	• •	ut the laboratory is not certifi Matrix	led by the governing authority. This list ma	ay include analytes for

Eurofins TestAmerica, Buffalo

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Method Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-181490-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
SM 2540D	Solids, Total Suspended (TSS)	SM	TAL BUF
SM2540 C	Total Dissolved Solids	SM18	TAL BUF
5030C	Purge and Trap	SW846	TAL BUF

Protocol References:

SM = "Standard Methods For The Examination Of Water And Wastewater"

SM18 = "Standard Methods For The Examination Of Water And Wastewater", 18th Edition, 1992.

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

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

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Sample Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Job ID: 480-181490-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset I
480-181490-1	EFFLUENT C 022521	Water	02/25/21 07:20	02/26/21 10:30	
480-181490-2	EFFLEUNT G 022521	Water	02/25/21 07:20	02/26/21 10:30	

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Eurofins TestAmerica, Buffalo 10 Hazelwood Drive Amherst, NY 14228-2298	Ö	Chain of Custody Record	ıstody R	ecord	Syracuse	snse	💸 eurofins Environment Testing	ting
Phone: 716-691-2600 Fax: 716-691-7991					#2225	25	America	0
Client Information	NAKI	A Known	K	Lab PM: Giacomazza Jos V	Carrier Tracking	racking No(s):	COC No.	
Client Contact: Mr. Yuri Veliz	Phone: 215 / 730			100 V	State of Origin:		480-145311-10587.1 Page:	
Company: O'Brien & Gere Inc of North America		PWSID:	loe:g	Joe. glacomazza@testamericainc.com	sainc.com		Page 1 of 1 Job#:	
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:				Analysis Requested		Preservation Codes:	
City: East Syracuse	TAT Requested (days):	:(1			N 2 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
State, Zip: NY, 13221	Compliance Project:	∆ Yes ∧ No		As a				
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO#:						E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4	
Email: yuri.veliz@ramboll.com	#OM			el spilos				ate
Project Name. Former Accurate Die Cast	Project #: 48008584			N 10 8 biloS b		2001	J - DI Water K - EDTA L - EDA	
Site: New York	SSOW#:			e Y Ge			Other:	
		Sample	Matrix (W=water,	ilfered Sim MS/MS Total Sus Calcd - To		30 20 qui	ĵo Jedmu	
Sample Identification	Sample Date	Sample (C=comp, Time G=grab)	S=solid, O=waste/oll, BT=Tissue, A=Air)	S240C - S240D -		IM leto]		
		N Prese	Preservation Code:	∢ z z			Special instructions/Note:	
Emulent 022521	B-25-21	7:30 C	Water	1 /				T
Effluit 022521	2-25-21	7:30 G	wAten	2			8 in	
		1						
	7112				480-181490			
	71/2	3			Chain of Custody	Sustody		
						-		
Possible Hazard Identification Non-Hazard	Poison B Unknown	un 🗀 Radiological	ical	Sample Disposal (A 1	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	amples are retail	ned longer than 1 month)	
Deliverable Requested: I, II, III, IV, Other (specify)				Special Instructions/QC Requirements	'QC Requirements:		Months	T
Empty Kit Relinquished by: Relinquished.by	Ñ	Date: /	_	Time:	Method of Shipment:	Shipment:		T
Relincuished by	Date/Time.	10:40	Company Company	Received by:	BALL	Date/Time;	21 1040 Company (VM)	T.
Refinancished by	Date/Time: 5/7	1 1900	Company 5/	Received by:		Date/Time:	Company	T
ole Intact.	Date/Time:		Company	Received by:	>	Date/Time: 617	Company	
Custody Seals Intact: Custody Seal No.: △ Yes △ No				Cooler Temperature	Cooler Temperature(s) °C and Other Remarks.	し、こ	İ	
						3 ()	1	

Client: O'Brien & Gere Inc of North America

Job Number: 480-181490-1

Login Number: 181490 List Source: Eurofins TestAmerica, Buffalo

List Number: 1 Creator: Stopa, Erik S

oroutor. Otopu, Erik O		
Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or ampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
s the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and he COC.	True	
camples are received within Holding Time (Excluding tests with immediate ITs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
OA sample vials do not have headspace or bubble is <6mm (1/4") in iameter.	True	
necessary, staff have been informed of any short hold time or quick TAT eeds	True	
fultiphasic samples are not present.	True	
camples do not require splitting or compositing.	True	
Sampling Company provided.	True	OBG
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

Page 18 of 18 3/5/2021

4

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14



Environment Testing America

ANALYTICAL REPORT

Eurofins TestAmerica, Buffalo 10 Hazelwood Drive Amherst, NY 14228-2298 Tel: (716)691-2600

Laboratory Job ID: 480-181566-1

Client Project/Site: Former Accurate Die Cast

For:

O'Brien & Gere Inc of North America 333 West Washington St. PO BOX 4873 East Syracuse, New York 13221

Attn: Mr. David J Carnevale

Authorized for release by: 3/8/2021 8:33:29 AM

Rebecca Jones, Project Management Assistant I Rebecca.Jones@Eurofinset.com

Designee for

Joe Giacomazza, Project Manager I (716)691-2600

joe.giacomazza@testamericainc.com

·····LINKS ······

Review your project results through Total Access

Have a Question?



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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
Surrogate Summary	8
QC Sample Results	9
QC Association Summary	13
Lab Chronicle	15
Certification Summary	16
Method Summary	17
Sample Summary	18
Chain of Custody	19
Receipt Checklists	20

3

4

6

8

9

11

12

14

Definitions/Glossary

Client: O'Brien & Gere Inc of North America
Project/Site: Former Accurate Die Cast

Job ID: 480-181566-1

Qualifiers

GC/MS VOA

Qualifier Qualifier Description

F1 MS and/or MSD recovery exceeds control limits.

Metals

J Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.

Eisted under the "D" column to designate that the result is reported on a dry weight basis

%R Percent Recovery
CFL Contains Free Liquid
CFU Colony Forming Unit
CNF Contains No Free Liquid

DER Duplicate Error Ratio (normalized absolute difference)

Dil Fac Dilution Factor

DL Detection Limit (DoD/DOE)

DL, RA, RE, IN Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample

DLC Decision Level Concentration (Radiochemistry)

EDL Estimated Detection Limit (Dioxin)

LOD Limit of Detection (DoD/DOE)

LOQ Limit of Quantitation (DoD/DOE)

MCL EPA recommended "Maximum Contaminant Level"

MDA Minimum Detectable Activity (Radiochemistry)

MDC Minimum Detectable Concentration (Radiochemistry)

MDL Method Detection Limit
ML Minimum Level (Dioxin)
MPN Most Probable Number
MQL Method Quantitation Limit

NC Not Calculated

ND Not Detected at the reporting limit (or MDL or EDL if shown)

NEG Negative / Absent
POS Positive / Present
PQL Practical Quantitation Limit

PRES Presumptive
QC Quality Control

RER Relative Error Ratio (Radiochemistry)

RL Reporting Limit or Requested Limit (Radiochemistry)

RPD Relative Percent Difference, a measure of the relative difference between two points

TEF Toxicity Equivalent Factor (Dioxin)
TEQ Toxicity Equivalent Quotient (Dioxin)

TNTC Too Numerous To Count

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Case Narrative

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-181566-1

Job ID: 480-181566-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-181566-1

Comments

No additional comments.

Receipt

The samples were received on 3/2/2021 9:45 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.8° C.

GC/MS VOA

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: INFLUENT 030121 (480-181566-5), (480-181566-A-5 MS) and (480-181566-A-5 MSD). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

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Detection Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Job ID: 480-181566-1

Lab Sample ID: 480-181566-3

Lab Sample ID: 480-181566-4

Lab Sample ID: 480-181566-5

Lab Sample ID: 480-181566-1	

Client Sam	ple ID: EFF	LUENT -030121

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	0.0037	J	0.010	0.0015	mg/L	1	_	6010C	Total/NA

0.0037 J SM2540 C **Total Dissolved Solids** 731 10.0 4.0 mg/L Total/NA Lab Sample ID: 480-181566-2

Client Sample ID: BETWEEN CARBONS 030121

Analyte	Result Qualifier	RL	MDL Unit	Dil Fac D	Method	Prep Type
cis-1,2-Dichloroethene	7.4	1.0	0.81 ug/L		8260C	Total/NA
Trichloroethene	64	1.0	0.46 ug/L	1	8260C	Total/NA

Client Sample ID: INFLUENT 030121

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	0.0066	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: EFFLUENT 030121

No Detections.

Client Sample ID: INFLUENT 030121

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D Method	Prep Type
Trichloroethene	340	F1	8.0	3.7	ug/L	8	8260C	Total/NA

Job ID: 480-181566-1

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Client Sample ID: EFFLUENT -030121

Date Collected: 03/01/21 07:20 Date Received: 03/02/21 09:45 Lab Sample ID: 480-181566-1

Matrix: Water

Method: 6010C - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	0.0037	J	0.010	0.0015	mg/L		03/04/21 09:20	03/04/21 20:00	1
Method: 7470A - Mercury (CVAA)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/04/21 13:34	03/04/21 16:37	1
- General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	731		10.0	4.0	mg/L			03/02/21 11:56	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			03/03/21 11:58	1

Client Sample ID: BETWEEN CARBONS 030121

Date Collected: 03/01/21 07:20

Date Received: 03/02/21 09:45

Lab Sample ID: 480-181566-2

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS										
Analyte	Result C	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/03/21 15:35	1	
cis-1,2-Dichloroethene	7.4		1.0	0.81	ug/L			03/03/21 15:35	1	
Methylene Chloride	ND		1.0	0.44	ug/L			03/03/21 15:35	1	
Tetrachloroethene	ND		1.0	0.36	ug/L			03/03/21 15:35	1	
Toluene	ND		1.0	0.51	ug/L			03/03/21 15:35	1	
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/03/21 15:35	1	
Trichloroethene	64		1.0	0.46	ug/L			03/03/21 15:35	1	

	Surrogate	%Recovery	Qualifier	Limits	Prepared Analyzed	Dil Fac
	1,2-Dichloroethane-d4 (Surr)	106		77 - 120	03/03/21 15:35	1
	4-Bromofluorobenzene (Surr)	97		73 - 120	03/03/21 15:35	1
	Toluene-d8 (Surr)	92		80 - 120	03/03/21 15:35	1
l	Dibromofluoromethane (Surr)	102		75 - 123	03/03/21 15:35	1

Cli

Date Received: 03/02/21 09:45

Slient Sample ID: INFLUENT 030121	Lab Sample ID: 480-181566-3
Date Collected: 03/01/21 07:20	Matrix: Water

Method: 6010C - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	0.0066	J	0.010	0.0015	mg/L		03/04/21 09:20	03/04/21 20:04	1

<u></u>					•				
Method: 7470A - Mercury (CVAA)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		03/04/21 13:34	03/04/21 16:38	1

Client Sample ID: EFFLUENT 030121

Date Collected: 03/01/21 07:20

Date Received: 03/02/21 09:45

Lab Sample	ID: 480-181566-4
------------	------------------

Matrix: Water

Method: 8260C - Volatile Organ	nic Compounds by GC/MS							
Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND ND	1.0	0.21	ug/L			03/03/21 15:59	1
cis-1,2-Dichloroethene	ND	1.0	0.81	ug/L			03/03/21 15:59	1

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Page 6 of 20 3/8/2021

Client Sample Results

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Lab Sample ID: 480-181566-4

Matrix: Water

Matrix: Water

Job ID: 480-181566-1

Client Sample ID: EFFLUENT 030121

Date Collected: 03/01/21 07:20 Date Received: 03/02/21 09:45

Method: 8260C - Volatile Organ	nic Compounds by	GC/MS (Cd	ontinued)						
Analyte	Result Qu	ualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND ND		1.0	0.44	ug/L			03/03/21 15:59	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/03/21 15:59	1
Toluene	ND		1.0	0.51	ug/L			03/03/21 15:59	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/03/21 15:59	1
Trichloroethene	ND		1.0	0.46	ug/L			03/03/21 15:59	1
Surrogate	%Recovery Q	ualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120			-		03/03/21 15:59	1
4-Bromofluorobenzene (Surr)	96		73 - 120					03/03/21 15:59	1
Toluene-d8 (Surr)	93		80 - 120					03/03/21 15:59	1
Dibromofluoromethane (Surr)	105		75 - 123					03/03/21 15:59	1

Client Sample ID: INFLUENT 030121 Lab Sample ID: 480-181566-5

Date Collected: 03/01/21 07:20

Date Received: 03/02/21 09:45

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		8.0	1.7	ug/L			03/03/21 14:37	8
cis-1,2-Dichloroethene	ND		8.0	6.5	ug/L			03/03/21 14:37	8
Methylene Chloride	ND		8.0	3.5	ug/L			03/03/21 14:37	8
Tetrachloroethene	ND		8.0	2.9	ug/L			03/03/21 14:37	8
Toluene	ND		8.0	4.1	ug/L			03/03/21 14:37	8
trans-1,2-Dichloroethene	ND		8.0	7.2	ug/L			03/03/21 14:37	8
Trichloroethene	340	F1	8.0	3.7	ug/L			03/03/21 14:37	8

Surrogate	%Recovery Qua	alifier Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103	77 - 120		03/03/21 14:37	8
4-Bromofluorobenzene (Surr)	105	73 - 120		03/03/21 14:37	8
Toluene-d8 (Surr)	98	80 - 120		03/03/21 14:37	8
Dibromofluoromethane (Surr)	106	75 - 123		03/03/21 14:37	8

Surrogate Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-181566-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water Prep Type: Total/NA

				Percent Su	rrogate Rec
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(80-120)	(75-123)
480-181566-2	BETWEEN CARBONS 030121	106	97	92	102
480-181566-4	EFFLUENT 030121	105	96	93	105
480-181566-5	INFLUENT 030121	103	105	98	106
480-181566-5 MS	INFLUENT 030121	104	110	99	107
480-181566-5 MSD	INFLUENT 030121	110	112	101	109
LCS 480-571101/5	Lab Control Sample	99	102	93	104
LCS 480-571144/5	Lab Control Sample	105	99	98	106
MB 480-571101/7	Method Blank	98	101	93	98
MB 480-571144/7	Method Blank	103	100	93	99

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

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Page 8 of 20

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Client: O'Brien & Gere Inc of North America Job ID: 480-181566-1

Project/Site: Former Accurate Die Cast

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sam	ple ID:	MB 480-57	71101/7
---------	---------	-----------	---------

Matrix: Water

Analysis Batch: 571101

Client Sample ID: Method Bla	nk
Prep Type: Total/l	A

MB MB Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed 1,1,2,2-Tetrachloroethane ND 1.0 0.21 ug/L 03/03/21 09:38 cis-1,2-Dichloroethene ND 1.0 0.81 ug/L 03/03/21 09:38 Methylene Chloride ND 03/03/21 09:38 1.0 0.44 ug/L Tetrachloroethene ND 1.0 0.36 ug/L 03/03/21 09:38 Toluene ND 1.0 0.51 ug/L 03/03/21 09:38 trans-1,2-Dichloroethene ND 1.0 0.90 ug/L 03/03/21 09:38 Trichloroethene ND 1.0 0.46 ug/L 03/03/21 09:38

MB MB

Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		77 - 120	_		03/03/21 09:38	1
4-Bromofluorobenzene (Surr)	101		73 - 120			03/03/21 09:38	1
Toluene-d8 (Surr)	93		80 - 120			03/03/21 09:38	1
Dibromofluoromethane (Surr)	98		75 - 123			03/03/21 09:38	1

Lab Sample ID: LCS 480-571101/5

Matrix: Water

Toluene

Analysis Batch: 571101

Client Sample ID: Lab Control Sample

80 - 122

73 - 127

74 - 123

90

104

105

Prep Type: Total/NA

Spike LCS LCS %Rec. Added Result Qualifier %Rec Limits Analyte Unit 23.0 1,1,2,2-Tetrachloroethane 25.0 ug/L 92 76 - 120 25.0 23.2 74 - 124 cis-1,2-Dichloroethene ug/L 93 Methylene Chloride 25.0 23.8 ug/L 95 75 - 124 Tetrachloroethene 25.0 25.6 102 74 - 122 ug/L

22.5

26.0

26.2

ug/L

ug/L

ug/L

25.0

25.0

25.0

trans-1,2-Dichloroethene Trichloroethene

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		77 - 120
4-Bromofluorobenzene (Surr)	102		73 - 120
Toluene-d8 (Surr)	93		80 - 120
Dibromofluoromethane (Surr)	104		75 - 123

Lab Sample ID: 480-181566-5 MS

Matrix: Water

Analysis Batch: 571101

Client Sample ID: INFLUENT	030121
Prep Type: To	otal/NA

-	Sample	Sample	Spike	MS	MS				%Rec.
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
1,1,2,2-Tetrachloroethane	ND		200	173		ug/L		86	76 - 120
cis-1,2-Dichloroethene	ND		200	175		ug/L		88	74 - 124
Methylene Chloride	ND		200	163		ug/L		82	75 - 124
Tetrachloroethene	ND		200	196		ug/L		98	74 - 122
Toluene	ND		200	167		ug/L		83	80 - 122
trans-1,2-Dichloroethene	ND		200	178		ug/L		89	73 - 127
Trichloroethene	340	F1	200	469	F1	ug/L		67	74 - 123

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Page 9 of 20

Job ID: 480-181566-1

Client: O'Brien & Gere Inc of North America

Project/Site: Former Accurate Die Cast

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-181566-5 MS Client Sample ID: INFLUENT 030121

Matrix: Water

Analysis Batch: 571101

Prep Type: Total/NA

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	104		77 - 120
4-Bromofluorobenzene (Surr)	110		73 - 120
Toluene-d8 (Surr)	99		80 - 120
Dibromofluoromethane (Surr)	107		75 - 123

Lab Sample ID: 480-181566-5 MSD Client Sample ID: INFLUENT 030121

Matrix: Water

Analysis Batch: 571101

Prep Type: Total/NA

	Sample Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
1,1,2,2-Tetrachloroethane	ND	200	171		ug/L		85	76 - 120	1	15
cis-1,2-Dichloroethene	ND	200	179		ug/L		89	74 - 124	2	15
Methylene Chloride	ND	200	169		ug/L		84	75 - 124	3	15
Tetrachloroethene	ND	200	197		ug/L		99	74 - 122	0	20
Toluene	ND	200	170		ug/L		85	80 - 122	2	15
trans-1,2-Dichloroethene	ND	200	184		ug/L		92	73 - 127	3	20
Trichloroethene	340 F1	200	487		ug/L		76	74 - 123	4	16

MSD MSD Surrogate %Recovery Qualifier Limits 77 - 120 1,2-Dichloroethane-d4 (Surr) 110 4-Bromofluorobenzene (Surr) 112 73 - 120 Toluene-d8 (Surr) 80 - 120 101 Dibromofluoromethane (Surr) 109 75 - 123

Lab Sample ID: MB 480-571144/7 Client Sample ID: Method Blank **Matrix: Water** Prep Type: Total/NA

Analysis Batch: 571144

	IVID	INID							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/03/21 12:59	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/03/21 12:59	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/03/21 12:59	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/03/21 12:59	1
Toluene	ND		1.0	0.51	ug/L			03/03/21 12:59	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/03/21 12:59	1
Trichloroethene	ND		1.0	0.46	ug/L			03/03/21 12:59	1

	MB	MB				
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		03/03/21 12:59	1
4-Bromofluorobenzene (Surr)	100		73 - 120		03/03/21 12:59	1
Toluene-d8 (Surr)	93		80 - 120		03/03/21 12:59	1
Dibromofluoromethane (Surr)	99		75 - 123		03/03/21 12:59	1
	1,2-Dichloroethane-d4 (Surr) 4-Bromofluorobenzene (Surr) Toluene-d8 (Surr)	Surrogate %Recovery 1,2-Dichloroethane-d4 (Surr) 103 4-Bromofluorobenzene (Surr) 100 Toluene-d8 (Surr) 93	1,2-Dichloroethane-d4 (Surr) 103 4-Bromofluorobenzene (Surr) 100 Toluene-d8 (Surr) 93	Surrogate %Recovery Qualifier Limits 1,2-Dichloroethane-d4 (Surr) 103 77 - 120 4-Bromofluorobenzene (Surr) 100 73 - 120 Toluene-d8 (Surr) 93 80 - 120	Surrogate %Recovery Qualifier Limits Prepared 1,2-Dichloroethane-d4 (Surr) 103 77 - 120 73 - 120 4-Bromofluorobenzene (Surr) 100 73 - 120 Toluene-d8 (Surr) 93 80 - 120	Surrogate %Recovery Qualifier Limits Prepared Analyzed 1,2-Dichloroethane-d4 (Surr) 103 77 - 120 03/03/21 12:59 4-Bromofluorobenzene (Surr) 100 73 - 120 03/03/21 12:59 Toluene-d8 (Surr) 93 80 - 120 03/03/21 12:59

Eurofins TestAmerica, Buffalo

3/8/2021

Job ID: 480-181566-1

Prep Type: Total/NA

Prep Batch: 571206

Prep Batch: 571352

Prep Type: Total/NA

Client: O'Brien & Gere Inc of North America

Project/Site: Former Accurate Die Cast

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-571144/5 **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA

Analysis Batch: 571144

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
1,1,2,2-Tetrachloroethane	25.0	24.5		ug/L		98	76 - 120	
cis-1,2-Dichloroethene	25.0	25.2		ug/L		101	74 - 124	
Methylene Chloride	25.0	22.7		ug/L		91	75 ₋ 124	
Tetrachloroethene	25.0	26.1		ug/L		105	74 - 122	
Toluene	25.0	23.9		ug/L		96	80 _ 122	
trans-1,2-Dichloroethene	25.0	25.4		ug/L		102	73 - 127	
Trichloroethene	25.0	25.8		ug/L		103	74 - 123	

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	105		77 - 120
4-Bromofluorobenzene (Surr)	99		73 - 120
Toluene-d8 (Surr)	98		80 - 120
Dibromofluoromethane (Surr)	106		75 - 123

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-571206/1-A Client Sample ID: Method Blank

Matrix: Water

Analysis Batch: 571501 MB MB

Analyte Result Qualifier RL MDL Unit Prepared Analyzed Dil Fac Zinc ND 0.010 0.0015 mg/L 03/04/21 09:20 03/04/21 18:58

Lab Sample ID: LCS 480-571206/2-A **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA

Analysis Batch: 571501							Prep B	atch: 571206
	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Zinc	0.200	0.205		mg/L		102	80 - 120	

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-571352/1-A Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 571416

MB MB Result Qualifier RL MDL Unit Analyte Prepared Analyzed Dil Fac

Mercury ND 0.00020 0.00012 mg/L 03/04/21 13:34 03/04/21 16:26

Lab Sample ID: LCS 480-571352/2-A

Matrix: Water

Analysis Batch: 5/1416							Prep	Batcn: 5/1352
	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Mercury	0.00667	0.00680		mg/L		102	80 - 120	

Eurofins TestAmerica, Buffalo

3/8/2021

Client Sample ID: Lab Control Sample

QC Sample Results

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Job ID: 480-181566-1

Method: SM 2540D - Solids, Total Suspended (TSS)

Lab Sample ID: MB 480-571043/1

Matrix: Water

Analysis Batch: 571043

Total Suspended Solids

Analyte

Client Sample ID: Method Blank Prep Type: Total/NA

MB MB Dil Fac Result Qualifier RL RL Unit D Prepared Analyzed ND 1.0 1.0 mg/L 03/03/21 11:58

Lab Sample ID: LCS 480-571043/2 **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA

Analysis Batch: 571043

Spike LCS LCS %Rec. Analyte Added Result Qualifier Unit D %Rec Limits Total Suspended Solids 3130 3119 mg/L 100 88 - 110

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-571042/1 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 571042

MB MB Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Total Dissolved Solids ND 10.0 4.0 mg/L 03/02/21 11:56

Lab Sample ID: LCS 480-571042/2 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Water

Analysis Batch: 571042

Spike LCS LCS %Rec. Analyte Added Result Qualifier Unit %Rec Limits Total Dissolved Solids 503 503.0 100 85 - 115 mg/L

QC Association Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Job ID: 480-181566-1

GC/MS VOA

	Anal	vsis	Batch	: 571101
--	------	------	--------------	----------

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-181566-5	INFLUENT 030121	Total/NA	Water	8260C	
MB 480-571101/7	Method Blank	Total/NA	Water	8260C	
LCS 480-571101/5	Lab Control Sample	Total/NA	Water	8260C	
480-181566-5 MS	INFLUENT 030121	Total/NA	Water	8260C	
480-181566-5 MSD	INFLUENT 030121	Total/NA	Water	8260C	

Analysis Batch: 571144

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-181566-2	BETWEEN CARBONS 030121	Total/NA	Water	8260C	
480-181566-4	EFFLUENT 030121	Total/NA	Water	8260C	
MB 480-571144/7	Method Blank	Total/NA	Water	8260C	
LCS 480-571144/5	Lab Control Sample	Total/NA	Water	8260C	

Metals

Prep Batch: 571206

Lab Sample ID 480-181566-1	Client Sample ID EFFLUENT -030121	Prep Type Total/NA	Matrix Water	Method 3005A	Prep Batch
480-181566-3	INFLUENT 030121	Total/NA	Water	3005A	
MB 480-571206/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-571206/2-A	Lab Control Sample	Total/NA	Water	3005A	

Prep Batch: 571352

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-181566-1	EFFLUENT -030121	Total/NA	Water	7470A	
480-181566-3	INFLUENT 030121	Total/NA	Water	7470A	
MB 480-571352/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-571352/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 571416

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-181566-1	EFFLUENT -030121	Total/NA	Water	7470A	571352
480-181566-3	INFLUENT 030121	Total/NA	Water	7470A	571352
MB 480-571352/1-A	Method Blank	Total/NA	Water	7470A	571352
LCS 480-571352/2-A	Lab Control Sample	Total/NA	Water	7470A	571352

Analysis Batch: 571501

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-181566-1	EFFLUENT -030121	Total/NA	Water	6010C	571206
480-181566-3	INFLUENT 030121	Total/NA	Water	6010C	571206
MB 480-571206/1-A	Method Blank	Total/NA	Water	6010C	571206
LCS 480-571206/2-A	Lab Control Sample	Total/NA	Water	6010C	571206

General Chemistry

Analysis Batch: 571042

Lab Sample ID 480-181566-1	Client Sample ID EFFLUENT -030121	Prep Type Total/NA	Matrix Water	Method SM2540 C	Prep Batch
MB 480-571042/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-571042/2	Lab Control Sample	Total/NA	Water	SM2540 C	

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Page 13 of 20

QC Association Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Job ID: 480-181566-1

General Chemistry

Analysis Batch: 571043

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-181566-1	EFFLUENT -030121	Total/NA	Water	SM 2540D	
MB 480-571043/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-571043/2	Lab Control Sample	Total/NA	Water	SM 2540D	

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Job ID: 480-181566-1

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Date Received: 03/02/21 09:45

Client Sample ID: EFFLUENT -030121

Lab Sample ID: 480-181566-1 Date Collected: 03/01/21 07:20

Matrix: Water

Batch Batch Dilution Batch Prepared Prep Type Туре Method Run Factor Number or Analyzed Analyst Total/NA Prep 3005A 571206 03/04/21 09:20 KMP TAL BUF Total/NA Analysis 6010C 1 571501 03/04/21 20:00 LMH TAL BUF Total/NA Prep 7470A 571352 03/04/21 13:34 вмв TAL BUF Total/NA Analysis 7470A 571416 03/04/21 16:37 **BMB** TAL BUF Total/NA Analysis SM 2540D 571043 03/03/21 11:58 CSS TAL BUF Total/NA Analysis SM2540 C 571042 03/02/21 11:56 CSS TAL BUF

Client Sample ID: BETWEEN CARBONS 030121

Lab Sample ID: 480-181566-2 Date Collected: 03/01/21 07:20

Matrix: Water

Date Received: 03/02/21 09:45

Batch Dilution Batch Batch Prepared Prep Type Method Factor Number or Analyzed Type Run Analyst Lab 8260C CRL TAL BUF Total/NA Analysis 571144 03/03/21 15:35

Client Sample ID: INFLUENT 030121 Lab Sample ID: 480-181566-3

Date Collected: 03/01/21 07:20 **Matrix: Water**

Date Received: 03/02/21 09:45

Batch Batch Dilution Batch Prepared Method Prep Type Туре Run Factor Number or Analyzed Analyst Lab Total/NA Prep 3005A 571206 03/04/21 09:20 KMP TAL BUF Total/NA Analysis 6010C 571501 03/04/21 20:04 LMH TAL BUF Total/NA Prep 7470A 571352 03/04/21 13:34 **BMB** TAL BUF Total/NA Analysis 7470A 571416 03/04/21 16:38 BMB TAL BUF 1

Client Sample ID: EFFLUENT 030121 Lab Sample ID: 480-181566-4

Date Collected: 03/01/21 07:20 **Matrix: Water**

Date Received: 03/02/21 09:45

Batch Batch Dilution Batch Prepared Method Factor Number or Analyzed Prep Type Type Run Analyst Lab CRL Total/NA 8260C TAL BUF Analysis 571144 03/03/21 15:59

Client Sample ID: INFLUENT 030121

Lab Sample ID: 480-181566-5 Date Collected: 03/01/21 07:20

Matrix: Water

Date Received: 03/02/21 09:45

Batch Batch Dilution Batch Prepared Prep Type Type Method Run Factor Number or Analyzed Analyst Lab 8260C TAL BUF Total/NA Analysis 8 571101 03/03/21 14:37 AMM

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Eurofins TestAmerica, Buffalo

Accreditation/Certification Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Job ID: 480-181566-1

Laboratory: Eurofins TestAmerica, Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Pr	ogram	Identification Number	Expiration Date
New York	NE	ELAP	10026	03-31-21
The following analytes	are included in this report, but	it the laboratory is not certifi	ied by the governing authority. This list ma	ay include analytes for v
the agency does not of	fer certification.	•	, , ,	ay include analytes for w
• ,	•	ut the laboratory is not certifi Matrix	ied by the governing authority. This list ma	ay include analytes for w

Eurofins TestAmerica, Buffalo

Method Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-181566-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
6010C	Metals (ICP)	SW846	TAL BUF
7470A	Mercury (CVAA)	SW846	TAL BUF
SM 2540D	Solids, Total Suspended (TSS)	SM	TAL BUF
SM2540 C	Total Dissolved Solids	SM18	TAL BUF
3005A	Preparation, Total Metals	SW846	TAL BUF
5030C	Purge and Trap	SW846	TAL BUF
7470A	Preparation, Mercury	SW846	TAL BUF

Protocol References:

SM = "Standard Methods For The Examination Of Water And Wastewater"

SM18 = "Standard Methods For The Examination Of Water And Wastewater", 18th Edition, 1992.

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

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Eurofins TestAmerica, Buffalo

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Sample Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-181566-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-181566-1	EFFLUENT -030121	Water	03/01/21 07:20	03/02/21 09:45	
480-181566-2	BETWEEN CARBONS 030121	Water	03/01/21 07:20	03/02/21 09:45	
480-181566-3	INFLUENT 030121	Water	03/01/21 07:20	03/02/21 09:45	
480-181566-4	EFFLUENT 030121	Water	03/01/21 07:20	03/02/21 09:45	
480-181566-5	INFLUENT 030121	Water	03/01/21 07:20	03/02/21 09:45	

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Client Information	Sampler.	Voumer Lo	Lab PM:	2			Ca	ner Tracking to	Carrier Taking To Co No.	: No:	
Client Contact: Mr. Yuri Veliz	5	Chinach	E-Mail:	79, 30	>			State of Origin:		-145286-10589.1	
Wil. Ull VellZ Company:	312-104-1	300	joe giacomazza@testamericainc.com	nazza(gtestan	ericainc			からの とのの	Page 1 of 1	
O'Brien & Gere Inc of North America		- PWSID:				Ana	Analysis Requested		L	*	
333 West Washington St. PO BOX 4873	Due Date Requested:				-				Preser		
City: East Syracuse	TAT Requested (days):										
State, Zip: NY, 13221	Compliance Project: A Yes	∆ No	I			-					
Phone: 315-956-6100(Tel) 315-463-7554(Fax)							-			Custody	
Email: yuri.veliz@ramboll.com	WO#:								480-181566	DC - DC - DC - DC - DC - DC - DC - DC -	or Dodecahydrate U - Acetone
Project Name: Former Accurate Die Cast	Project #: 48008584									v - Ul Water	Opecify
Site: New York	SSOW#:										
Sample Identification	Sample Date Time	Sample Type (C=comp,	S benetlii blei	BM\SM mnone su2 lstoT - G048	540C_Calcd - To	O10C - Zinc			o tedmuM lsto		
			X		+	9 6			οτ	Special Instructions/Note:	s/Note:
Effluent 630121	3-1-21 7:20		Water		-				(3		
Between Carbons 0301 A1	3-1-21 17:20	9	Water		3				- 17		
Influent 030121	3-1-21 7:20		Water						1 9		
Effluent 030121	3-1-21 7:30	9	3		W				Su		
Internal 030121	3-1-21 7:30	e	3		W				100		
					\vdash						
n Cu				-							
					-						
, 50 H)											
Cossible nazard identification Non-Hazard	Poison B Unknown	Radiological	5	ample []	le Disposal (A t Return To Client	al (A fe	may be assu	assessed if sample	es are retained lo	yer than 1 mo	
Deliverable Requested: I, II, IV, Other (specify)			S	pecial	nstructi	ons/QC	Special Instructions/QC Requirements:	osal Dy Lab	ALCIIIVE FOI	-or Months	S
Empty Kit Relinquished by:	Date: /		Time					Method of Shipment:	nent:		
Kelinquished by:	Date/Time:	081	Company	Recei	Received	1		Date	Date/Time:	Company	
Relinquished by:	1	?	Company	Regel	Repeived by:	#	1111	CO Bate	2/6	1	74
Relinquished by:	Date/Time:	10,	Company	Recei	Received by:	7	7	Date	3/9/2/ C	0445 A	\$
Custody Seals Intact. Custody Seal No.:				Coole	Temper	ature(s) °C	Cooler Temperature(s) °C and Other Remarks	- T			
Δ Yes Δ No								#	20		
										Ver. 11/01/2020	1/2020

eurofins Environment Testing America

Chain of Custody Record

Eurofins TestAmerica, Buffalo 10 Hazelwood Drive Amherst, NY 14228-2298 Phone: 716-691-2600 Fax: 716-691-7991

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America Job Number: 480-181566-1

Login Number: 181566 List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Wallace, Cameron

eroutori francoo, euritoron		
Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
s the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
f necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	OBG
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

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Environment Testing America

ANALYTICAL REPORT

Eurofins TestAmerica, Buffalo 10 Hazelwood Drive Amherst, NY 14228-2298 Tel: (716)691-2600

Laboratory Job ID: 480-181812-1

Client Project/Site: Former Accurate Die Cast

For:

O'Brien & Gere Inc of North America 333 West Washington St. PO BOX 4873 East Syracuse, New York 13221

Attn: Mr. David J Carnevale

Authorized for release by: 3/16/2021 2:45:54 PM

Joe Giacomazza, Project Manager I (716)691-2600 joe.giacomazza@testamericainc.com

·····LINKS ······

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www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
QC Sample Results	7
QC Association Summary	8
Lab Chronicle	9
Certification Summary	10
Method Summary	11
Sample Summary	12
Chain of Custody	13
Receipt Checklists	14

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Definitions/Glossary

Client: O'Brien & Gere Inc of North America Job ID: 480-181812-1 Project/Site: Former Accurate Die Cast

Glossary

RL RPD

TEF

TEQ

TNTC

Glossary	
Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)

Reporting Limit or Requested Limit (Radiochemistry)

Toxicity Equivalent Factor (Dioxin)

Too Numerous To Count

Toxicity Equivalent Quotient (Dioxin)

Relative Percent Difference, a measure of the relative difference between two points

Case Narrative

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-181812-1

Job ID: 480-181812-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-181812-1

Comments

No additional comments.

Receipt

The sample was received on 3/9/2021 10:00 AM. Unless otherwise noted below, the sample arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.3° C.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

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Detection Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Job ID: 480-181812-1

Lab Sample ID: 480-181812-1

Client Sample ID: EFFLUENT 030821

Analyte	Result Qualifier	RL	MDL	Unit	Dil Fac	D Method	Prep Type
Total Dissolved Solids	775	10.0	4.0	mg/L	1	SM2540 C	Total/NA

Client Sample Results

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Lab Sample ID: 480-181812-1

Client Sample ID: EFFLUENT 030821 Date Collected: 03/08/21 07:00

Date Received: 03/09/21 10:00

Matrix: Water

Job ID: 480-181812-1

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	775		10.0	4.0	mg/L			03/10/21 12:30	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			03/10/21 13:20	1

QC Sample Results

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Job ID: 480-181812-1

Prep Type: Total/NA

Method: SM 2540D - Solids, Total Suspended (TSS)

Lab Sample ID: MB 480-572000/1 Client Sample ID: Method Blank

Matrix: Water

Analysis Batch: 572000

Alialysis Datcil. 3/2000									
	MB	MB							
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		1.0	1.0	mg/L			03/10/21 13:20	1

Lab Sample ID: LCS 480-572000/2 **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA

Analysis Batch: 572000

-	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Total Suspended Solids	 2980	2980		mg/L		100	88 - 110	

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-571996/1 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 571996

MB MB Dil Fac Analyte Result Qualifier RLMDL Unit Prepared Analyzed Total Dissolved Solids ND 10.0 4.0 mg/L 03/10/21 12:30

Lab Sample ID: LCS 480-571996/2 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Water

Analysis Batch: 571996

	Spike	LCS LCS				%Rec.	
Analyte	Added	Result Qualifier	Unit	D	%Rec	Limits	
Total Dissolved Solids	506	501.0	mg/L		99	85 - 115	

QC Association Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Job ID: 480-181812-1

General Chemistry

Analysis Batch: 571996

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-181812-1	EFFLUENT 030821	Total/NA	Water	SM2540 C	
MB 480-571996/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-571996/2	Lab Control Sample	Total/NA	Water	SM2540 C	

Analysis Batch: 572000

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-181812-1	EFFLUENT 030821	Total/NA	Water	SM 2540D	
MB 480-572000/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-572000/2	Lab Control Sample	Total/NA	Water	SM 2540D	

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Lab Chronicle

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Job ID: 480-181812-1

Client Sample ID: EFFLUENT 030821

Lab Sample ID: 480-181812-1 Date Collected: 03/08/21 07:00

Matrix: Water

Date Received: 03/09/21 10:00

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	572000	03/10/21 13:20	CSS	TAL BUF
Total/NA	Analysis	SM2540 C		1	571996	03/10/21 12:30	CSS	TAL BUF

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-181812-1

Laboratory: Eurofins TestAmerica, Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Pr	ogram	Identification Number	Expiration Date		
New York		ELAP	10026	03-31-21		
The following analytes	are included in this report, but	it the laboratory is not certifi	ed by the governing authority. This list ma	ay include analytes for		
The following analytes the agency does not of	•	ut the laboratory is not certifi	ed by the governing authority. This list ma	ay include analytes for		
the agency does not of	fer certification.	•	, , ,	ay include analytes for		
• ,	•	ut the laboratory is not certifi	ed by the governing authority. This list ma	ay include analytes for		

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Method Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-181812-1

Method	Method Description	Protocol	Laboratory
SM 2540D	Solids, Total Suspended (TSS)	SM	TAL BUF
SM2540 C	Total Dissolved Solids	SM18	TAL BUF

Protocol References:

SM = "Standard Methods For The Examination Of Water And Wastewater"

SM18 = "Standard Methods For The Examination Of Water And Wastewater", 18th Edition, 1992.

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

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Sample Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Job ID: 480-181812-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-181812-1	EFFLUENT 030821	Water	03/08/21 07:00	03/09/21 10:00	

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Eurofins TestAmerica, Buffalo 10 Hazelwood Drive Amherst, NY 14228-2298 Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins Environment Testing America

Client Information	Sampler:			Canal Tacing to BC.	COC No	Γ
Client Contact:	Phone:	Giacomazza, Joe V	()		480-145340-10586.1	
Mr. Yuri Veliz Company	315-729-1300	joe.giacomazza	State of Origin: State of Origin: Joe giacomazza@testamericainc.com		Page: Page 1 of 1	
Company. O'Brien & Gere Inc of North America	PWSID:		٥		Job #:	
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:		Aliaiyala Nequested		Preservation Codes:	
City: East Syracuse	TAT Requested (days):					
State, Zip: NY, 13221	Compliance Project: A Yes A No				C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4	
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO#: 1200090	(•		F - MeOH R - Na2S203 S - Amchlor S - H2S04	
Email: yuri.veliz@ramboll.com	WO#:	(0	spilos I			Ф
Project Name: Former Accurate Die Cast	Project #: 48008584	N 10 8	penjos		V - MCAA W - pH 4-5 Z - other (specify)	
Site: New York	SSOW#:	D (Xe	eid les			
Sample Identification	Sample Date Time Gereats		200C_Calcd - To	480-181812 Chain of Custody		
	X	ation Code:	zzz	D1	Special Instructions/Note:	
Effluent 030831	3-8-21 1200			<		
6				6		
	2 61 12 1					
	2/6/4					
Identification		Sampl	Disposal (A fee may be accorded in	onichor ore columns		
Non-Hazard Flammable Skin Initant Deliverable Requested: 1 III IV Other (concito)	Poison B Unknown Radiological		Return To Client Disposal By Lab Archive For Mon	Lab Archive For	re For Months	
Emat, Via Dalizacia de de la constanta de la c		Specia	Special Instructions/QC Requirements:			
Empty Nit Reinquished by: Relinquished by:	Date:	Time:	Method	Method of Shipment:		Т
Relinquished by	3-8-21 9:35	2	Received by	Datedime	COMPany CIV	
Relinquished by: K 2 19 11 1	Date Time	Company	in the by Walle	Date(1/6/2/31	1000 Company	
Custody Seals Intact Custody Seal No			Received by:	Date/Time:	Company	
		Ö	Cooler Temperature(s) °C and Other Remarks:	4	3,3	

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America Job Number: 480-181812-1

Login Number: 181812 List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Wallace, Cameron

eroutori francoo, euritoron		
Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
s the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
f necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	OBG
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

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Environment Testing America

ANALYTICAL REPORT

Eurofins TestAmerica, Buffalo 10 Hazelwood Drive Amherst, NY 14228-2298 Tel: (716)691-2600

Laboratory Job ID: 480-182181-1

Client Project/Site: Former Accurate Die Cast

For:

O'Brien & Gere Inc of North America 333 West Washington St. PO BOX 4873 East Syracuse, New York 13221

Attn: Mr. David J Carnevale

Authorized for release by: 3/29/2021 12:00:00 PM Rebecca Jones, Project Management Assistant I Rebecca.Jones@Eurofinset.com

Designee for

Joe Giacomazza, Project Manager I (716)691-2600

joe.giacomazza@testamericainc.com

·····LINKS ······

Review your project results through Total Access

Have a Question?



Visit us at: www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
Surrogate Summary	7
QC Sample Results	8
QC Association Summary	10
Lab Chronicle	11
Certification Summary	12
Method Summary	13
Sample Summary	14
Chain of Custody	15
Receipt Checklists	16

4

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14

Definitions/Glossary

Client: O'Brien & Gere Inc of North America

Job ID: 480-182181-1

Project/Site: Former Accurate Die Cast

Glossary

RL

RPD

TEF

TEQ

TNTC

Reporting Limit or Requested Limit (Radiochemistry)

Toxicity Equivalent Factor (Dioxin)

Too Numerous To Count

Toxicity Equivalent Quotient (Dioxin)

Relative Percent Difference, a measure of the relative difference between two points

Glossary	
Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)

Eurofins TestAmerica, Buffalo

3/29/2021

Case Narrative

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-182181-1

Job ID: 480-182181-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-182181-1

Comments

No additional comments.

Receipt

The samples were received on 3/18/2021 8:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.4° C.

GC/MS VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

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Detection Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Job ID: 480-182181-1

Client Sample ID: EFFLUENT 031721

Lab	Samp	ole I	D:	480-1	82181-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type	
Total Dissolved Solids	834		10.0	4.0	mg/L	1		SM2540 C	Total/NA	

Client Sample ID: EFFLUENT 031721

Lab Sample ID: 480-182181-2

No Detections.

Client Sample Results

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Lab Sample ID: 480-182181-1

Matrix: Water

Job ID: 480-182181-1

Client Sample ID: EFFLUENT 031721

Date Collected: 03/17/21 07:15 Date Received: 03/18/21 08:00

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	834		10.0	4.0	mg/L			03/23/21 15:58	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			03/23/21 16:02	1

Client Sample ID: EFFLUENT 031721

Date Collected: 03/17/21 07:15 Date Received: 03/18/21 08:00

Trichloroethene

Lab Sample ID: 480-182181-2 **Matrix: Water**

03/19/21 13:51

Method: 8260C - Volatile Organic Compounds by GC/MS MDL Unit Analyte Result Qualifier RL D Prepared Dil Fac Analyzed ND 1.0 1,1,2,2-Tetrachloroethane 0.21 03/19/21 13:51 cis-1,2-Dichloroethene ND 1.0 03/19/21 13:51 0.81 ug/L Methylene Chloride ND 1.0 0.44 ug/L 03/19/21 13:51 Tetrachloroethene ND 1.0 0.36 ug/L 03/19/21 13:51 Toluene ND 1.0 0.51 ug/L 03/19/21 13:51 trans-1,2-Dichloroethene ND 1.0 0.90 ug/L 03/19/21 13:51

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105	77 - 120		03/19/21 13:51	1
4-Bromofluorobenzene (Surr)	98	73 - 120		03/19/21 13:51	1
Toluene-d8 (Surr)	97	80 - 120		03/19/21 13:51	1
Dibromofluoromethane (Surr)	106	75 - 123		03/19/21 13:51	1

1.0

0.46 ug/L

ND

Surrogate Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Job ID: 480-182181-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water Prep Type: Total/NA

Lab Sample ID Client Sample ID (77-120) (73-120) (80-120) (75-123) 480-182181-2 EFFLUENT 031721 105 98 97 106
480-182181-2 EFFLUENT 031721 105 98 97 106
LCS 480-573096/5 Lab Control Sample 105 99 99 100
LCSD 480-573096/6 Lab Control Sample Dup 101 101 97 99
MB 480-573096/8 Method Blank 100 99 98 101

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

Job ID: 480-182181-1

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-573096/8

Matrix: Water

Analysis Batch: 573096

Client Sample ID: Method Blank
Prep Type: Total/NA

MB MB Dil Fac Analyte Result Qualifier RLMDL Unit D Prepared Analyzed 1,1,2,2-Tetrachloroethane ND1.0 0.21 ug/L 03/19/21 12:08 cis-1,2-Dichloroethene ND 1.0 0.81 ug/L 03/19/21 12:08 Methylene Chloride ND 1.0 0.44 ug/L 03/19/21 12:08 Tetrachloroethene ND 1.0 0.36 ug/L 03/19/21 12:08 Toluene ND 1.0 0.51 ug/L 03/19/21 12:08 trans-1,2-Dichloroethene ND 1.0 0.90 ug/L 03/19/21 12:08 Trichloroethene ND 0.46 ug/L 03/19/21 12:08 1.0

MB MB

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100	77 - 120		03/19/21 12:08	1
4-Bromofluorobenzene (Surr)	99	73 - 120		03/19/21 12:08	1
Toluene-d8 (Surr)	98	80 - 120		03/19/21 12:08	1
Dibromofluoromethane (Surr)	101	75 - 123		03/19/21 12:08	1

Lab Sample ID: LCS 480-573096/5

Matrix: Water

Analysis Batch: 573096

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
1,1,2,2-Tetrachloroethane	25.0	25.1		ug/L		100	76 - 120	
cis-1,2-Dichloroethene	25.0	27.3		ug/L		109	74 - 124	
Methylene Chloride	25.0	25.0		ug/L		100	75 _ 124	
Tetrachloroethene	25.0	26.8		ug/L		107	74 - 122	
Toluene	25.0	25.5		ug/L		102	80 - 122	
trans-1,2-Dichloroethene	25.0	27.2		ug/L		109	73 - 127	
Trichloroethene	25.0	26.0		ug/L		104	74 - 123	

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	105		77 - 120
4-Bromofluorobenzene (Surr)	99		73 - 120
Toluene-d8 (Surr)	99		80 - 120
Dibromofluoromethane (Surr)	100		75 - 123

Lab Sample ID: LCSD 480-573096/6

Matrix: Water

Analysis Batch: 573096

Client Sample	ID: Lab Control Sample Dup
	Prep Type: Total/NA

	Spike	LCSD	LCSD				%Rec.		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
1,1,2,2-Tetrachloroethane	25.0	24.8		ug/L		99	76 - 120	1	15
cis-1,2-Dichloroethene	25.0	26.2		ug/L		105	74 - 124	4	15
Methylene Chloride	25.0	24.4		ug/L		98	75 - 124	3	15
Tetrachloroethene	25.0	26.5		ug/L		106	74 - 122	1	20
Toluene	25.0	24.6		ug/L		99	80 - 122	3	15
trans-1,2-Dichloroethene	25.0	26.1		ug/L		105	73 - 127	4	20
Trichloroethene	25.0	25.2		ug/L		101	74 - 123	3	16

Page 8 of 16

Client: O'Brien & Gere Inc of North America Job ID: 480-182181-1 Project/Site: Former Accurate Die Cast

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 480-573096/6 **Client Sample ID: Lab Control Sample Dup Matrix: Water** Prep Type: Total/NA

Analysis Batch: 573096

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		77 - 120
4-Bromofluorobenzene (Surr)	101		73 - 120
Toluene-d8 (Surr)	97		80 - 120
Dibromofluoromethane (Surr)	99		75 - 123

Method: SM 2540D - Solids, Total Suspended (TSS)

Lab Sample ID: MB 480-573494/1 Client Sample ID: Method Blank **Matrix: Water** Prep Type: Total/NA

Analysis Batch: 573494

Analyte	Result Qualifier	RL	RL Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND	1.0	1.0 mg/L			03/23/21 16:02	1

Lab Sample ID: LCS 480-573494/2 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Water

Analysis Batch: 573494

	•	:	Spike	LCS	LCS				%Rec.
Aı	nalyte	A	dded	Result	Qualifier	Unit	D	%Rec	Limits
To	otal Suspended Solids		2710	2692		mg/L		99	88 - 110

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-573491/1 Client Sample ID: Method Blank **Matrix: Water** Prep Type: Total/NA

Analysis Batch: 573491

	IVID	1410							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10.0	4.0	mg/L			03/23/21 15:58	1

Lab Sample ID: LCS 480-573491/2 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Water

Analysis Batch: 573491

	Spike	LCS LCS				%Rec.
Analyte	Added	Result Qualifier	Unit	D	%Rec	Limits
Total Dissolved Solids	506	509.0	ma/L		101	85 - 115

Eurofins TestAmerica, Buffalo

QC Association Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Job ID: 480-182181-1

GC/MS VOA

Analysis Batch: 573096

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-182181-2	EFFLUENT 031721	Total/NA	Water	8260C	
MB 480-573096/8	Method Blank	Total/NA	Water	8260C	
LCS 480-573096/5	Lab Control Sample	Total/NA	Water	8260C	
LCSD 480-573096/6	Lab Control Sample Dup	Total/NA	Water	8260C	

General Chemistry

Analysis Batch: 573491

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-182181-1	EFFLUENT 031721	Total/NA	Water	SM2540 C	
MB 480-573491/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-573491/2	Lab Control Sample	Total/NA	Water	SM2540 C	

Analysis Batch: 573494

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batc
480-182181-1	EFFLUENT 031721	Total/NA	Water	SM 2540D	
MB 480-573494/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-573494/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Lab Chronicle

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Client Sample ID: EFFLUENT 031721

Lab Sample ID: 480-182181-1 Date Collected: 03/17/21 07:15

Matrix: Water

Job ID: 480-182181-1

Date Received: 03/18/21 08:00

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	573494	03/23/21 16:02	CSS	TAL BUF
Total/NA	Analysis	SM2540 C		1	573491	03/23/21 15:58	CSS	TAL BUF

Client Sample ID: EFFLUENT 031721

Lab Sample ID: 480-182181-2 Date Collected: 03/17/21 07:15

Matrix: Water

Date Received: 03/18/21 08:00

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	573096	03/19/21 13:51	CRL	TAL BUF

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-182181-1

Laboratory: Eurofins TestAmerica, Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Pr	ogram	Identification Number	Expiration Date
New York	NI NI	ELAP	10026	03-31-21
The following analytes	are included in this report, bu	it the laboratory is not certifi	ied by the governing authority. This list ma	ay include analytes for v
the agency does not of	' '	it the laboratory is not certifi	led by the governing authority. This list ma	ay include analytes for v
0 ,	' '	It the laboratory is not certifi Matrix	led by the governing authority. This list ma	ay include analytes for v

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Method Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-182181-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
SM 2540D	Solids, Total Suspended (TSS)	SM	TAL BUF
SM2540 C	Total Dissolved Solids	SM18	TAL BUF
5030C	Purge and Trap	SW846	TAL BUF

Protocol References:

SM = "Standard Methods For The Examination Of Water And Wastewater"

SM18 = "Standard Methods For The Examination Of Water And Wastewater", 18th Edition, 1992.

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

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

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Sample Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Job ID: 480-182181-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset I
480-182181-1	EFFLUENT 031721	Water	03/17/21 07:15	03/18/21 08:00	
480-182181-2	EFFLUENT 031721	Water	03/17/21 07:15	03/18/21 08:00	

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Eurofins TestAmerica, Buffalo 10 Hazelwood Drive Amherst, NY 14228-2298 Phone: 716-691-2600 Fax: 716-691-7991	O	Chain c	hain of Custody Record	ody R	ecord	_	Sy	Syracuse #225	a de la companya de	💸 eurofins	Environment Testing America
Client Information	Sampler MARTIN	」	Loenne	Lab P Giac	Lab PM: Giacomazza, Joe V	>		Carrier Tracking No(s)	ing No(s):	COC No:	7 7
Culent Contact: Mr. Yuri Veliz	Phone: 315"	0			iacomorai	- Ctacter	E-Mail:	State of Origin:	.:	Page:	0.7.0
Company: O'Brien & Gere Inc of North America			PWSID:			al Colon	Mericanic.com			Page 1 of 1 Job #:	
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:	ij					Alidiysii	Alialysis Requested		Preservation Codes:	es:
City. East Syracuse	TAT Requested (days	ys):									M - Hexane N - None
State, Zip: NY, 13221	Compliance Project:	∆ Yes	∆ No				•			C - Zn Acetate D - Nitric Acid	0 - AsNaO2 P - Na2O4S
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO#: 12000090										G - Nazso3 R - Nazs203 S - H2S04
Email: yuri.veliz@ramboll.com	.# OM				(0)		spunoo			H - Ascorbic Acid I - Ice	T - TSP Dodecahydrate U - Acetone
Project Name: Former Accurate Die Cast	Project #: 48008584				N 10 8		. cowl			K - EDTA L - EDA	v - mCAA W - pH 4-5 Z - other (specify)
Site: New York	SSOW#:				SD (Ye		oinsgric			Other:	
		olame S	Sample Type	Matrix (w=water, S=solid,	S benetlia k SM/SM mno suS latot - O	oT - bolsO_O	O elitisioV - O			Митрег оф	
Sample Identification	Sample Date	Time		O=waste/oil, BT=Tissue, A=Air)	Peri	0407	10979				Special Instructions/Note:
Efflight 4 1 1 4 2	1,1		rieservation code.	on code	Z	Z				×	
05177	5-17-21	7:15	C	Water		-				ત્ક	
Efficient 031721	3-17-21	7:15	9	κ		, - /	3			3	
								-			
9.4						1		480-1821	480-182181 Chain of Custody	tody	
12// 1/5											
					Sampl	e Dispo	sal (A fee ma	y be assessed if	Samples are reta	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	month)
Non-Hazard Flammable Skin Irritant Pois Deliverable Requested: I, III, IV. Other (specify)	Poison B Unknown		Radiological			Return 1	Return To Client	Disposal By Lab	Lab 🔲 A	Archive For	Months
Emrity Kit Belinanished hy:					Specia	Instruc	Special Instructions/QC Requirements:	irements:			
Relinquished by:	7. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	Date:	- 1		Time:			Method	Method of Shipment:		
Mit form he Relinquished by:	3-17-21		19,50°	Company Company		Received by	M	7	Date/Time	X2112/L	Company
Remousined by:	2/21/8	1	90	ES-5/	3	Received by			Date/Time:)	Company
Custody Seals Infact: Custody Seal No			2	Company	Yes Yes	Keceived by:	H	7	Date Time 18121	3121 15822	Company
Δ Yes Δ No					Ö	iler Tempi	Cooler Temperature(s) °C and Other Remarks	ther Remarks:	# 5.7		
											11.000000

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America Job Number: 480-182181-1

Login Number: 182181 List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Sabuda, Brendan D

Creator: Sabuda, Brendan D		
Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.4 #1 ICE
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	True	

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Environment Testing America

ANALYTICAL REPORT

Eurofins TestAmerica, Buffalo 10 Hazelwood Drive Amherst, NY 14228-2298 Tel: (716)691-2600

Laboratory Job ID: 480-182574-1

Client Project/Site: Former Accurate Die Cast

For:

O'Brien & Gere Inc of North America 333 West Washington St. PO BOX 4873 East Syracuse, New York 13221

Attn: Mr. David J Carnevale

Ty-

Authorized for release by: 4/8/2021 9:59:55 AM

Rebecca Jones, Project Management Assistant I Rebecca. Jones @ Eurofinset.com

Designee for

Joe Giacomazza, Project Manager I (716)691-2600

joe.giacomazza@testamericainc.com

LINKS

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Total Access

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www.eurofinsus.com/Env

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
QC Sample Results	7
QC Association Summary	8
Lab Chronicle	9
Certification Summary	10
Method Summary	11
Sample Summary	12
Chain of Custody	13
Receipt Checklists	14

4

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11

Definitions/Glossary

Client: O'Brien & Gere Inc of North America

Job ID: 480-182574-1

Project/Site: Former Accurate Die Cast

Glossary

RL

RPD

TEF

TEQ

TNTC

Reporting Limit or Requested Limit (Radiochemistry)

Toxicity Equivalent Factor (Dioxin)

Too Numerous To Count

Toxicity Equivalent Quotient (Dioxin)

Relative Percent Difference, a measure of the relative difference between two points

Ciossary	
Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)

Eurofins TestAmerica, Buffalo

4/8/2021

Case Narrative

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-182574-1

Job ID: 480-182574-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-182574-1

Comments

No additional comments.

Receipt

The sample was received on 3/27/2021 8:00 AM. Unless otherwise noted below, the sample arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.8° C.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

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Detection Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Job ID: 480-182574-1

Client Sample ID: EFFLUENT 032621

Lab Sample ID: 480-182574-1

Analyte	Result Qualifier	RL	MDL Unit	Dil Fac D	Method	Prep Type
Total Dissolved Solids	842	10.0	4.0 mg/L	1	SM2540 C	Total/NA

Client Sample Results

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Lab Sample ID: 480-182574-1

Matrix: Water

Job ID: 480-182574-1

Client Sample ID: EFFLUENT 032621

Date Collected: 03/26/21 07:00 Date Received: 03/27/21 08:00

T	General Chemistry									
1	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Total Dissolved Solids	842		10.0	4.0	mg/L			04/01/21 16:06	1
/	Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
7	Total Suspended Solids	ND		4.0	4.0	mg/L			04/01/21 16:10	1

QC Sample Results

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Job ID: 480-182574-1

Prep Type: Total/NA

04/01/21 16:10

Method: SM 2540D - Solids, Total Suspended (TSS)

ND

Lab Sample ID: MB 480-574767/1 Client Sample ID: Method Blank

Matrix: Water

Total Suspended Solids

Analysis Batch: 574767

MB MB Dil Fac Result Qualifier RL RL Unit D Prepared Analyzed

1.0 mg/L

Lab Sample ID: LCS 480-574767/2 Client Sample ID: Lab Control Sample **Matrix: Water** Prep Type: Total/NA

1.0

Analyte

Analysis Batch: 574767

Spike LCS LCS %Rec. Analyte Added Result Qualifier Unit D %Rec Limits **Total Suspended Solids** 2230 2224 mg/L 100 88 - 110

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-574764/1 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 574764

MB MB

Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Total Dissolved Solids ND 10.0 4.0 mg/L 04/01/21 16:06

Lab Sample ID: LCS 480-574764/2 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Water

Analysis Batch: 574764

Spike LCS LCS %Rec. Analyte Added Result Qualifier Unit %Rec Limits Total Dissolved Solids 506 504.0 100 85 - 115 mg/L

QC Association Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Job ID: 480-182574-1

General Chemistry

Analysis Batch: 574764

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-182574-1	EFFLUENT 032621	Total/NA	Water	SM2540 C	
MB 480-574764/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-574764/2	Lab Control Sample	Total/NA	Water	SM2540 C	

Analysis Batch: 574767

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-182574-1	EFFLUENT 032621	Total/NA	Water	SM 2540D	
MB 480-574767/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-574767/2	Lab Control Sample	Total/NA	Water	SM 2540D	

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Lab Chronicle

Client: O'Brien & Gere Inc of North America Job ID: 480-182574-1

Project/Site: Former Accurate Die Cast

Date Received: 03/27/21 08:00

Client Sample ID: EFFLUENT 032621

Lab Sample ID: 480-182574-1 Date Collected: 03/26/21 07:00

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	574767	04/01/21 16:10	CSS	TAL BUF
Total/NA	Analysis	SM2540 C		1	574764	04/01/21 16:06	CSS	TAL BUF

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-182574-1

Laboratory: Eurofins TestAmerica, Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Pr	ogram	Identification Number	Expiration Date	
New York	/ork NELAP		10026	04-01-22	
The following analytes	are included in this report, but	it the laboratory is not certif	ied by the governing authority. This list ma	av include analytes for w	
• ,	•	it the laboratory is not certif	ied by the governing authority. This list ma	ay include analytes for w	
The following analytes the agency does not o	•	it the laboratory is not certif	ied by the governing authority. This list ma	ay include analytes for w	
• ,	•	t the laboratory is not certif Matrix	ied by the governing authority. This list ma Analyte	ay include analytes for w	

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Method Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-182574-1

Method	Method Description	Protocol	Laboratory
SM 2540D	Solids, Total Suspended (TSS)	SM	TAL BUF
SM2540 C	Total Dissolved Solids	SM18	TAL BUF

Protocol References:

SM = "Standard Methods For The Examination Of Water And Wastewater"

SM18 = "Standard Methods For The Examination Of Water And Wastewater", 18th Edition, 1992.

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

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Sample Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Job ID: 480-182574-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-182574-1	EFFLUENT 032621	Water	03/26/21 07:00	03/27/21 08:00	

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Client Information	1ARTIN KOENNECKY	nazza, Joe V	Carner Fracking No(s):	COC No: 480-145337-10586 1
Cuent Contact: Mr. Yuri Veliz	2		State of Origin:	Page:
Company:	PWS	Joe.glacomazza@testamencainc.com		Page 1 of 1
O'Brien & Gere Inc of North America		Analysis Requested	uested	Job #:
333 West Washington St. PO BOX 4873	Due Date Requested:			Preservation Codes:
City. East Syracuse	TAT Requested (days):	T		A - HCL M - Hexane B - NaOH N - None
State, Zip: NY, 13221	Compliance Project: A Vec. A No.			
DOUTEN SAE ASS SEEANTS.		I		Ī
010-400-7004(Fax)	12000090 Wo #:			prograte
eliz@ramboll.com	# DO	(ol) 10 and
Project Name: Former Accurate Die Cast	Project #: 48008584	s or h	480.182574 Chain of C	
Site: New York	SSOW#:	D (Ke		
	Sample	Filtered Signament MS/MS Filtered Signament MS/MS Filtered Signament MS/MS	Vumber of	
Sample Identification	Sample Date Time G=grab) Date C=Comp.	Field Perfo	[sto]	Special Instructions/Note:
	Preservation Code:	z z Z		
Effluent 032021	3-2621 7:00 C Water	e.		
12136/8				
		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	sessed if samples are retain	ed longer than 1 month)
Deliverable Requested 11 III IV Other (coercity)	- 1	Return To Client Di	Disposal By Lab	Archive For Months
Consolidation (Applied Property)		Special Instructions/QC Requirements		
Empty Kit Kelinquished by: Relinquished by:	Date:	Time:	Method of Shipment:	
t forable	Date/Ime: Salany 9:50 Company	Receivagoby:	Date/Time/7/	SIMEN COMPANY CVI
Reinquished by:	Date/Time: Company	SVE REPENDED WITH	E/L. E. L. Co	Company Company
	Сотралу		Date/Time:	Sol
Custody Seals Intact: Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks	C H)	8,1
			Parent .)

& eurofins Environment Testing America

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Chain of Custody Record

Eurofins TestAmerica, Buffalo

10 Hazelwood Drive Amherst, NY 14228-2298 Phone: 716-691-2600 Fax: 716-691-7991

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America Job Number: 480-182574-1

Login Number: 182574 List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Wallace, Cameron

erouter: Frances, earneren		
Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
s the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	OBG
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

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Environment Testing America

ANALYTICAL REPORT

Eurofins TestAmerica, Buffalo 10 Hazelwood Drive Amherst, NY 14228-2298 Tel: (716)691-2600

Laboratory Job ID: 480-182629-1

Client Project/Site: Former Accurate Die Cast

For:

O'Brien & Gere Inc of North America 333 West Washington St. PO BOX 4873 East Syracuse, New York 13221

Attn: Mr. David J Carnevale

T

Authorized for release by: 4/8/2021 10:45:01 AM Rebecca Jones, Project Management Assistant I Rebecca.Jones@Eurofinset.com

Designee for

Joe Giacomazza, Project Manager I (716)691-2600

joe.giacomazza@testamericainc.com



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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

2

3

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9

11

12

Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	6
QC Sample Results	7
QC Association Summary	8
Lab Chronicle	9
Certification Summary	10
Method Summary	11
Sample Summary	12
Chain of Custody	13
Receint Checklists	14

4

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8

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Definitions/Glossary

Client: O'Brien & Gere Inc of North America

Job ID: 480-182629-1

Project/Site: Former Accurate Die Cast

Glossary

RPD

TEF

TEQ

TNTC

Ciocoary	
Abbreviation	These commonly used abbreviations may or may not be present in this report.
n	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)

Relative Percent Difference, a measure of the relative difference between two points

Toxicity Equivalent Factor (Dioxin)

Too Numerous To Count

Toxicity Equivalent Quotient (Dioxin)

Eurofins TestAmerica, Buffalo

4/8/2021

Case Narrative

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-182629-1

Job ID: 480-182629-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-182629-1

Comments

No additional comments.

Receipt

The sample was received on 3/30/2021 10:45 AM. Unless otherwise noted below, the sample arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.2° C.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

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Detection Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Job ID: 480-182629-1

Client Sample ID: EFFLUENT 032921

Lab Sample ID: 480-182629-1

Analyte	Result Qualifier	RL	MDL Unit	Dil Fac D	Method	Prep Type
Total Dissolved Solids	813	10.0	4.0 mg/L		SM2540 C	Total/NA

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Client Sample Results

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Lab Sample ID: 480-182629-1

Client Sample ID: EFFLUENT 032921 Lab Sample II
Date Collected: 03/29/21 07:15

Matrix: Water

Job ID: 480-182629-1

Date Received: 03/30/21 10:45

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	813		10.0	4.0	mg/L			04/01/21 16:08	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			04/01/21 16:10	1

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QC Sample Results

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Job ID: 480-182629-1

Analyzed

04/01/21 16:10

Method: SM 2540D - Solids, Total Suspended (TSS)

Lab Sample ID: MB 480-574767/1 Client Sample ID: Method Blank

Matrix: Water

Analyte

Analysis Batch: 574767

			Prep Type: Total/NA
MB MB			

Prepared

RL Unit

1.0 mg/L

Lab Sample ID: LCS 480-574767/2 Client Sample ID: Lab Control Sample **Matrix: Water** Prep Type: Total/NA

RL

1.0

Result Qualifier

ND

Total Suspended Solids

Analysis Batch: 574767

		Spike	LCS	LCS				%Rec.	
	Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
l	Total Suspended Solids	2230	2224		mg/L		100	88 - 110	

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-574765/1 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 574765

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND	10.0	4.0 mg/L			04/01/21 16:08	1

Lab Sample ID: LCS 480-574765/2 Client Sample ID: Lab Control Sample Prep Type: Total/NA

Matrix: Water

Analysis Batch: 574765

	Spike	LCS	LCS			%Rec.	
Analyte	Added	Result	Qualifier Unit	. D	%Rec	Limits	
Total Dissolved Solids	506	503.0	mg/l		99	85 - 115	

Dil Fac

QC Association Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Job ID: 480-182629-1

General Chemistry

Analysis Batch: 574765

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-182629-1	EFFLUENT 032921	Total/NA	Water	SM2540 C	
MB 480-574765/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-574765/2	Lab Control Sample	Total/NA	Water	SM2540 C	

Analysis Batch: 574767

Lab Sample ID 480-182629-1	Client Sample ID EFFLUENT 032921	Prep Type Total/NA	- Matrix Water	Method SM 2540D	Prep Batch
MB 480-574767/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-574767/2	Lab Control Sample	Total/NA	Water	SM 2540D	

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Lab Chronicle

Client: O'Brien & Gere Inc of North America Job ID: 480-182629-1

Project/Site: Former Accurate Die Cast

Date Received: 03/30/21 10:45

Client Sample ID: EFFLUENT 032921

Lab Sample ID: 480-182629-1 Date Collected: 03/29/21 07:15

Matrix: Water

		Batch	Batch		Dilution	Batch	Prepared		
	Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
	Total/NA	Analysis	SM 2540D		1	574767	04/01/21 16:10	CSS	TAL BUF
Į	Total/NA	Analysis	SM2540 C		1	574765	04/01/21 16:08	CSS	TAL BUF

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-182629-1

Laboratory: Eurofins TestAmerica, Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Pr	ogram	Identification Number	Expiration Date
New York	NE	ELAP	10026	04-01-22
The following analytes	are included in this report, but	ut the laboratory is not certifi	ed by the governing authority. This list ma	av include analytes for t
The following analytes	are moraded in the report, be			ay include dilalytes for
• ,	•	,		ay morade analytes for
the agency does not or	ffer certification.	•		ay moidde anaiytes for
• ,	•	Matrix	Analyte	ay molade analytes for

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Method Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-182629-1

Method	Method Description	Protocol	Laboratory
SM 2540D	Solids, Total Suspended (TSS)	SM	TAL BUF
SM2540 C	Total Dissolved Solids	SM18	TAL BUF

Protocol References:

SM = "Standard Methods For The Examination Of Water And Wastewater"

SM18 = "Standard Methods For The Examination Of Water And Wastewater", 18th Edition, 1992.

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

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Sample Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Job ID: 480-182629-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-182629-1	EFFLUENT 032921	Water	03/29/21 07:15	03/30/21 10:45	

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Eurotins lestAmerica, Buffalo			
Amherst, NY 14228-2298 Phone: 716-691-2600 Fax: 716-691-7991	Chain of Custody Record	eurofins Environment Testing America	.00
Client Information	Sampler. NAR TW KOMM Glacomazza Ine V	CANAGE USC COONS	Г
Client Contact: Mr. Yuri Veliz	484-1300	State of 45 in 9 9 Page:	T
Company: O'Brien & Gere Inc of North America	PWSID: Decidational designment	677	T
Address: 333 West Washington St. PO BOX 4873		Analysis Kequested Preservation Codes:	\top
City. East Syracuse	TAT Requested (days):		
State, Zip. NY, 13221	Compliance Project: Δ Yes Δ No		
Phone: 315-956-6100(Tel) 315-463-7554(Fax)		E - MaHSO4 Q - Na2SO3 F - MeOH R - Na2SO3 G - Amchlor S - H7SO4	
Email: yuri.veliz@ramboll.com	or No)		
Project Name: Former Accurate Die Cast	or N d Solid	J - DI Water K - EDTA L - FDA	
Site: New York	ample	Other:	
O Transport	Sample (Wewster, Type Sample (C=comp, o-restold, o-mested).	i Number of	
Sample identification	BT=Tissue, A=Air) Fie Pel	Special Instructions/Note:	
Effluent 03 3431	3-39-37 77 C Water 1		
	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	78	
2 of			\Box
B			
20			
2			T
			T
			T
Possible Hazard Identification			
le Skin Irritant	Poison B Unknown Radiological	essed if samples are retained longer than 1 mo	
Deliverable Requested: I, II, IV, Other (specify)		ements: Months	T
Empty Kit Relinquished by: Relinquished by:	Date:	Method of Shipment:	Т
With Kernelk Relinguished by	10:00 company	L Date Time (Compan)	T
Relinquished by	7	Company	Т
Custody Seals Intact: Custody Seal No.:	Awaduno	Date of 19 19 Company	T
A Yes A No	Cooler Temperature(s) °C and Other Remarks.	3,44	
4			7

Eurofins TestAmerica, Buffalo

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America Job Number: 480-182629-1

Login Number: 182629 List Source: Eurofins TestAmerica, Buffalo

List Number: 1 Creator: Stopa, Erik S

ordator. Otopa, Erik o		
Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
s the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
f necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	OBG
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

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