



Mr. Michael Belveg

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

Date October 28, 2020

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 third quarter of 2020 (July 1 through September 30, 2020). 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 September 30, 2020, a total of 124,294,906 gallons of groundwater have been treated since startup on February 5, 1996. From July 1 to September 30, 2020, 798,241 gallons of groundwater were treated: 170,127 gallons from recovery well RW-1; 627,920 gallons from recovery well RW-2; and 194 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.

The analytical results associated with the SPDES Fact Sheet monitoring activities performed during July, August, and September 2020 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**.

On August 12, 2020, the groundwater treatment system was shut down due to a failure of the transfer pump between the groundwater holding tank and the granulated activated carbon (GAC) vessels. The transfer pump was replaced on August 24, 2020 and the system was restarted that day.

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

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cc: H. Warner - 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 Re	quirements													
	Discharge	Discharge	Minimum													
Analyte (units)	Limitation	Limitation	Measurement	Sample	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent
	Daily Average	Daily Maximun	n Frequency (1)	Type	7/1/2020	7/2/2020	7/6/2020	7/8/2020	7/10/2020	7/13/2020	7/15/2020	7/16/2020	7/17/2020	7/20/2020	7/23/2020	7/27/2020
Flow (GPD)	Monitor	150000	Continuous	Meter	2595	11258	10412	10067	9945	9859	10201	10366	10132	10464	10393	10600
pH (SU)	6.5-8.5		2/Week	Grab	7.8	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
Residue, non-filterable (mg/L)	Monitor	20	Weekly	3-hr comp.				4 U		4 U				4 U		4 UH
Total dissolved solids (TDS) (mg/L)	Monitor	Monitor	Weekly	3-hr comp.				594		694				751		733
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 U						1 U		
trans-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab				1 U						1 U		
Methylene chloride (ug/L)	Monitor	20	2/Month	Grab				1 U						1 U		
1,1,2,2-Tetrachloroethane (ug/L)	Monitor	10	2/Month	Grab				1 U						1 U		
Tetrachloroethene (ug/L)	Monitor	10	2/Month	Grab				1 U						1 U		
Toluene (ug/L)	Monitor	20	2/Month	Grab				1 U						1 U		
Trichloroethene (ug/L)	Monitor	10	2/Month	Grab				1 U						1 U		
					Notes:											



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

		Monitoring Re	quirements													
	Discharge	Discharge	Minimum													
Analyte (units)	Limitation	Limitation	Measuremen	t Sample	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent
	Daily Average	Daily Maximun	Frequency (1) Type	7/30/2020	7/31/2020	8/3/2020	8/5/2020	8/7/2020	8/10/2020	8/11/2020	8/12/2020	8/25/2020	8/26/2020	8/28/2020	8/31/2020
Flow (GPD)	Monitor	150000	Continuous	Meter	10862	11155	10612	11370	11422	9066	12433	11740	12552	11994	23034	9224
pH (SU)	6.5-8.5		2/Week	Grab	8.1	8.1	8.1	8.1	8.1	7.8	8.2	8.1	8.2	8.3	8.2	8.1
Residue, non-filterable (mg/L)	Monitor	20	Weekly	3-hr comp.			4 U				4 U			4 U		
Total dissolved solids (TDS) (mg/L)	Monitor	Monitor	Weekly	3-hr comp.			720				592			579		
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 U							1 U		
trans-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab			1 U							1 U		
Methylene chloride (ug/L)	Monitor	20	2/Month	Grab			1 U							1 U		
1,1,2,2-Tetrachloroethane (ug/L)	Monitor	10	2/Month	Grab			1 U							1 U		
Tetrachloroethene (ug/L)	Monitor	10	2/Month	Grab			1 U							1 U		
Toluene (ug/L)	Monitor Monitor	20	2/Month	Grab			1 U							1 U		
Trichloroethene (ug/L)	Monitor	10	2/Month	Grab			1 U							1 U		
					Notes:											



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

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	Discharge	Discharge	Minimum											
Analyte (units)	Limitation	Limitation	Measurement	Sample	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent
	Daily Average	Daily Maximun	n Frequency (1)	Type	9/1/2020	9/3/2020	9/8/2020	9/11/2020	9/14/2020	9/16/2020	9/21/2020	9/25/2020	9/28/2020	9/29/2020
Flow (GPD)	Monitor	150000	Continuous	Meter	7599	11606	10814	7948	10374	10013	9621	9254	8963	8807
pH (SU)	6.5-8.5		2/Week	Grab	8	8.2	8.2	8.2	8.2	8.2	8.3	8.2	8.2	8.2
Residue, non-filterable (mg/L)	Monitor	20		3-hr comp.	4 U		4 U			4 U		4 U		4 U
Total dissolved solids (TDS) (mg/L)	Monitor	Monitor	Weekly	3-hr comp.	537		790			723		756		713
Mercury, total (mg/L)	Monitor	0.0008		3-hr comp.	0.0002 U									
Zinc, total (mg/L)	Monitor	0.3	Quarterly	3-hr comp.	0.0051 JB									
cis-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab	1 U					1 U				
trans-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab	1 U					1 U				
Methylene chloride (ug/L)	Monitor	20	2/Month	Grab	1 U					1 U				
1,1,2,2-Tetrachloroethane (ug/L)	Monitor	10	2/Month	Grab	1 U					1 U				
Tetrachloroethene (ug/L)	Monitor	10	2/Month	Grab	1 U					1 U				
Toluene (ug/L)	Monitor	20	2/Month	Grab	1 U					1 U				
Trichloroethene (ug/L)	Monitor	10	2/Month	Grab	1 U					1 U				
					Notes:									

ATTACHMENT A

EFFLUENT MONITORING LABORATORY REPORTS



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 480-172125-1

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

The

Authorized for release by: 7/15/2020 12:36:06 PM

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

Designee for

John Schove, Project Manager II (716)504-9838

John.Schove@Eurofinset.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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Definitions/Glossary

Client: O'Brien & Gere Inc of North America Job ID: 480-172125-1

Project/Site: Former Accurate Die Cast

Quality Control

Relative Error Ratio (Radiochemistry)

Toxicity Equivalent Factor (Dioxin)
Toxicity Equivalent Quotient (Dioxin)

Too Numerous To Count

Reporting Limit or Requested Limit (Radiochemistry)

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

Glossary

QC

RER

RPD

TEF

TEQ TNTC

RL

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

Case Narrative

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-172125-1

Job ID: 480-172125-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-172125-1

Comments

No additional comments.

Receipt

The samples were received on 7/9/2020 8:00 AM; 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.

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Detection Summary

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

Job ID: 480-172125-1

Client Sample ID: EFFLUI	ENT 070820 CO	MP				Lab	Sample ID:	480-172125-1
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D Method	Prep Type
Total Dissolved Solids	594		10.0	4.0	mg/L	1	SM2540 C	Total/NA
Client Sample ID: BETWE	EN CARBONS	070820				Lab	Sample ID:	480-172125-2
No Detections.								
Client Sample ID: EFFLUI	ENT 070820 GR	AB				Lab	Sample ID:	480-172125-3

No Detections.

This Detection Summary does not include radiochemical test results.

7/15/2020

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

Lab Sample ID: 480-172125-1

Client Sample ID: EFFLUENT 070820 COMP

Date Collected: 07/08/20 07:15 Date Received: 07/09/20 08:00 Matrix: Water

Job ID: 480-172125-1

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	594		10.0	4.0	mg/L			07/10/20 17:56	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			07/10/20 22:56	1

Lab Sample ID: 480-172125-2

Client Sample ID: BETWEEN CARBONS 070820 Date Collected: 07/08/20 07:15 **Matrix: Water**

Date Received: 07/09/20 08:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/13/20 12:47	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/13/20 12:47	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/13/20 12:47	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/13/20 12:47	1
Toluene	ND		1.0	0.51	ug/L			07/13/20 12:47	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/13/20 12:47	1
Trichloroethene	ND		1.0	0.46	ug/L			07/13/20 12:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac

Surrogate	%Recovery	Qualifier	Limits	Prepare	ed	Analyzed	Dil Fa	С
1,2-Dichloroethane-d4 (Surr)	117		77 - 120		-	07/13/20 12:47		1
4-Bromofluorobenzene (Surr)	112		73 - 120			07/13/20 12:47		1
Toluene-d8 (Surr)	96		80 - 120			07/13/20 12:47		1
Dibromofluoromethane (Surr)	118		75 - 123		(07/13/20 12:47		1

Client Sample ID: EFFLUENT 070820 GRAB

Date Collected: 07/08/20 07:15

Date Received: 07/09/20 08:00

Lab Sample	ID: 480-172125-3
------------	------------------

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/13/20 13:11	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/13/20 13:11	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/13/20 13:11	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/13/20 13:11	1
Toluene	ND		1.0	0.51	ug/L			07/13/20 13:11	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/13/20 13:11	1
Trichloroethene	ND		1.0	0.46	ug/L			07/13/20 13:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	118		77 - 120			-		07/13/20 13:11	1
4-Bromofluorobenzene (Surr)	113		73 - 120					07/13/20 13:11	1
Toluene-d8 (Surr)	98		80 - 120					07/13/20 13:11	1
Dibromofluoromethane (Surr)	121		75 - 123					07/13/20 13:11	1

7/15/2020

Surrogate Summary

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

Job ID: 480-172125-1

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

Matrix: Water Prep Type: Total/NA

_				Percent Su	rogate Rec
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(80-120)	(75-123)
480-172125-2	BETWEEN CARBONS 070820	117	112	96	118
480-172125-3	EFFLUENT 070820 GRAB	118	113	98	121
LCS 480-540161/6	Lab Control Sample	110	116	98	116
MB 480-540161/8	Method Blank	115	112	97	117

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: 480-172125-1

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

Lab Sample ID: MB 480-540161/8	Client Sample ID: Method Blank

Matrix: Water

Analysis Batch: 540161

	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			07/13/20 12:15	1
cis-1,2-Dichloroethene	ND	1.0	0.81	ug/L			07/13/20 12:15	1
Methylene Chloride	ND	1.0	0.44	ug/L			07/13/20 12:15	1
Tetrachloroethene	ND	1.0	0.36	ug/L			07/13/20 12:15	1
Toluene	ND	1.0	0.51	ug/L			07/13/20 12:15	1
trans-1,2-Dichloroethene	ND	1.0	0.90	ug/L			07/13/20 12:15	1
Trichloroethene	ND	1.0	0.46	ug/L			07/13/20 12:15	1

	MB	MB					
Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		77 - 120	_		07/13/20 12:15	1
4-Bromofluorobenzene (Surr)	112		73 - 120			07/13/20 12:15	1
Toluene-d8 (Surr)	97		80 - 120			07/13/20 12:15	1
Dibromofluoromethane (Surr)	117		75 - 123			07/13/20 12:15	1

Lab Sample ID: LCS 480-540161/6 **Client Sample ID: Lab Control Sample Matrix: Water Prep Type: Total/NA**

Analysis Batch: 540161

•	Spike	LCS	LCS				%Rec.
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits
1,1,2,2-Tetrachloroethane	25.0	21.9		ug/L		88	76 - 120
cis-1,2-Dichloroethene	25.0	24.6		ug/L		98	74 - 124
Methylene Chloride	25.0	22.3		ug/L		89	75 - 124
Tetrachloroethene	25.0	28.2		ug/L		113	74 - 122
Toluene	25.0	22.5		ug/L		90	80 - 122
trans-1,2-Dichloroethene	25.0	24.5		ug/L		98	73 - 127
Trichloroethene	25.0	25.1		ua/L		101	74 - 123

	LCS	LCS		
Surrogate	%Recovery	Qualifier	Limits	
1,2-Dichloroethane-d4 (Surr)	110		77 - 120	
4-Bromofluorobenzene (Surr)	116		73 - 120	
Toluene-d8 (Surr)	98		80 - 120	
Dibromofluoromethane (Surr)	116		75 - 123	

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

Lab Sample ID: MB 480-540055/1	Client Sample ID: Method Blank
Matrix: Water	Prep Type: Total/NA

Analysis Batch: 540055

MB MB Result Qualifier Prepared Analyzed Dil Fac Total Suspended Solids ND 1.0 1.0 mg/L 07/10/20 22:56

Lab Sample ID: LCS 480-540055/2 **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA

Allalysis Batch. 940099								
	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Total Suspended Solids	278	260.0		mg/L		94	88 - 110	 -

Eurofins TestAmerica, Buffalo

7/15/2020

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QC Sample Results

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

Job ID: 480-172125-1

Prep Type: Total/NA

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-540049/1 Client Sample ID: Method Blank

Matrix: Water

Analysis Batch: 540049 MB MB

Result Qualifier RL MDL Unit Analyzed Dil Fac Analyte Prepared Total Dissolved Solids 10.0 07/10/20 17:56 4.0 mg/L ND

Lab Sample ID: LCS 480-540049/2 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Water

Analysis Batch: 540049

Spike LCS LCS %Rec. Added Result Qualifier Limits Unit D %Rec **Total Dissolved Solids** 504 505.0 mg/L 100 85 - 115

Lab Sample ID: 480-172125-1 DU Client Sample ID: EFFLUENT 070820 COMP Prep Type: Total/NA

Matrix: Water

Analysis Batch: 540049

Sample Sample DU DU RPD Result Qualifier Result Qualifier RPD Limit Analyte Unit 5 10 Total Dissolved Solids 594 563.0 mg/L

Eurofins TestAmerica, Buffalo

7/15/2020

QC Association Summary

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

Job ID: 480-172125-1

GC/MS VOA

Analysis Batch: 540161

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-172125-2	BETWEEN CARBONS 070820	Total/NA	Water	8260C	
480-172125-3	EFFLUENT 070820 GRAB	Total/NA	Water	8260C	
MB 480-540161/8	Method Blank	Total/NA	Water	8260C	
LCS 480-540161/6	Lab Control Sample	Total/NA	Water	8260C	

General Chemistry

Analysis Batch: 540049

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-172125-1	EFFLUENT 070820 COMP	Total/NA	Water	SM2540 C	
MB 480-540049/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-540049/2	Lab Control Sample	Total/NA	Water	SM2540 C	
480-172125-1 DU	EFFLUENT 070820 COMP	Total/NA	Water	SM2540 C	

Analysis Batch: 540055

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-172125-1	EFFLUENT 070820 COMP	Total/NA	Water	SM 2540D	
MB 480-540055/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-540055/2	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: 480-172125-1

Matrix: Water

Job ID: 480-172125-1

Client Sample ID: EFFLUENT 070820 COMP Date Collected: 07/08/20 07:15

Date Received: 07/09/20 08:00

		Batch	Batch		Dilution	Batch	Prepared		
Prep 7	Гуре	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/l	NA	Analysis	SM 2540D		1	540055	07/10/20 22:56	CSS	TAL BUF
Total/l	NA	Analysis	SM2540 C		1	540049	07/10/20 17:56	E1T	TAL BUF

Client Sample ID: BETWEEN CARBONS 070820

Lab Sample ID: 480-172125-2

Matrix: Water

Date Collected: 07/08/20 07:15 Date Received: 07/09/20 08:00

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	540161	07/13/20 12:47	CRL	TAL BUF

Client Sample ID: EFFLUENT 070820 GRAB

Lab Sample ID: 480-172125-3

Matrix: Water

Date Collected: 07/08/20 07:15 Date Received: 07/09/20 08:00

Batch Dilution Batch Batch Prepared Prep Type Method Run Factor Number or Analyzed Analyst Type Lab Total/NA 8260C 540161 07/13/20 13:11 CRL TAL BUF Analysis

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: 480-172125-1

Laboratory: Eurofins TestAmerica, Buffalo

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-02-21

Method Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-172125-1

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: 480-172125-1

400 470405 4 FEEL UENT 070000 COMP. Wester 07/00/00 07/45 07/00/00 00:00	b Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-172125-1 EFFLUENT 07/08/20 COMP Water 07/08/20 07:15 07/09/20 08:00	0-172125-1	EFFLUENT 070820 COMP	Water	07/08/20 07:15	07/09/20 08:00	
480-172125-2 BETWEEN CARBONS 070820 Water 07/08/20 07:15 07/09/20 08:00	0-172125-2	BETWEEN CARBONS 070820	Water	07/08/20 07:15	07/09/20 08:00	
480-172125-3 EFFLUENT 070820 GRAB Water 07/08/20 07:15 07/09/20 08:00	0-172125-3	EFFLUENT 070820 GRAB	Water	07/08/20 07:15	07/09/20 08:00	

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eurofins Environment Testing America

Client Information Clent Contact Mr. Yuri Veliz Company. O'Brien & Gere Inc of North America Address:	Contractor					I					
Mr. Yuri Veliz Sompany. O'Brien & Gere Inc of North America Address. PD ROX 4873	MARIN	Koenne	weeke	Scho	Lab PM: Schove, John R			SY AC		JSG 480-145291-10588.	588.1
Company. O'Brien & Gere Inc of North America Address. 33.3 West Washington St. PO ROX 4873.	Phone: 315- 7	29-13	00	E-Mail: john.s	E-Mail: john.schove@testamericainc.com	stamerica	inc.com	#	#00E	Page: Page 1 of 1	
Address: 333 West Washington St PO BOX 4873							Analysis F	Analysis Requested	200	Job #:	
	Due Date Requested:	ë								Preservation Codes	
City. East Syracuse State, Zip.	TAT Requested (days):	ys);								A - HCL B - NaOH C - Zn Acetate D - Nitric Acid	M - Hexane N - None O - AsNaO2 P - Na2O4S
	#Od									F - MeOH	
315-956-6100(Tel) 315-463-7554(Fax) Email:	12000090 WO#:				(H - Ascorbic Acid	
yuri.veliz@ramboli.com	Project #				on no	_			SJOL	K-EDTA	W-PH4-5
Former Accurate Die Cast	48008584 SSOW#				o say) (contain	L - EDA Other:	Z - other (specify)
New York			Sample	Matrix (w-water,	s2 benetii J2M/2M mi gau2 lato1 -	Calcd - Tot			Mumber of		
Sample Identification	Sample Date	Sample	. C	S=solid, O=westeioil, BT=Tissue, A=Air)	Perior				Total	Special	Special Instructions/Note:
	X	X	Preservation Code:	ion Code:	Ž	N N			X _		
Effluent 070820	128-20	7:15	V	Water	1	1			8		
Between Carbons 0 708 30	7-8-30	7.15	9	Water		m					
Effluit 070830	128-20	7:15	9	3		w					
/ Per											
2.8-2											
								480	480-172125 Chain of Custour	of Custody	
ant	Poison B Unk	Unknown	Radiological		Samp	le Disposal (A t Return To Client	al (A fee may Client	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month. Return To Client Disposal By Lab Mor	amples are retair	tained longer than Archive For	n 1 month) Months
Deliverable Requested: I, II, III, IV, Other (specify)					sbeci	al instructi	Special instructions/QC Requirements	12			
Empty Kit Relinquished by:		Date:/			Time:			Method of	Method of Shipment:		
Relinquished by Karry La	Date/Time:	1	51:0	Company Company	ď	Received by	1911	116	6-2	1:01 0	Company 7
Relinquished by: Reinquished by:	Date/Time:	2,13	Sol	Company	œ. I	Received by:	1		Date/Time:		Company /
	Date/Time:			Company	ř	Received by:	JAN .	M	1017 7/9/12	0	Sec Company
Custody Seals Intact: Custody Seal No.:					0	Cooler Temperature(s)	ature(s) °C and Of	°C and Other Remarks.	5. 4	17	

Client: O'Brien & Gere Inc of North America

Job Number: 480-172125-1

Login Number: 172125 List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Yeager, Brian A

oroator. reager, Briair A		
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	3.4 #1 ICE
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
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	
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	

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: 480-172296-1

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

The

Authorized for release by: 7/20/2020 9:06:36 AM

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

Designee for

John Schove, Project Manager II (716)504-9838

John.Schove@Eurofinset.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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Method Summary	11
Sample Summary	12
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Definitions/Glossary

Client: O'Brien & Gere Inc of North America Job ID: 480-172296-1

Project/Site: Former Accurate Die Cast

Quality Control

Relative Error Ratio (Radiochemistry)

Toxicity Equivalent Factor (Dioxin) Toxicity Equivalent Quotient (Dioxin)

Too Numerous To Count

Reporting Limit or Requested Limit (Radiochemistry)

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

Glossary

QC

RER

RPD

TEF

TEQ

TNTC

RL

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

Eurofins TestAmerica, Buffalo

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Case Narrative

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-172296-1

Job ID: 480-172296-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-172296-1

Comments

No additional comments.

Receipt

The sample was received on 7/14/2020~8:00~AM; the sample arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.1° 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: 480-172296-1

Client Sample ID: EFFLUENT -071320

Lab Sample ID: 480-172296-1

Analyte	Result Qualifier	RL	MDL Unit	Dil Fac D	Method	Prep Type
Total Dissolved Solids	694	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: 480-172296-1

15 Gampie 15: 400-172250-1

Job ID: 480-172296-1

Matrix: Wastewater

Client Sample ID: EFFLUENT -071320

Date Collected: 07/13/20 07:15 Date Received: 07/14/20 08:00

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	694		10.0	4.0	mg/L			07/14/20 17:01	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			07/14/20 19:03	1

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Job ID: 480-172296-1

Prep Type: Total/NA

Client: O'Brien & Gere Inc of North America

Project/Site: Former Accurate Die Cast

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

Lab Sample ID: MB 480-540409/1 Client Sample ID: Method Blank

Matrix: Water

Analysis Batch: 540409

мв мв Analyte Result Qualifier RL **RL** Unit Prepared Analyzed Dil Fac 1.0 07/14/20 19:03 Total Suspended Solids 1.0 mg/L ND

Lab Sample ID: LCS 480-540409/2 Client Sample ID: Lab Control Sample Prep Type: Total/NA

Matrix: Water

Analysis Batch: 540409

Spike LCS LCS %Rec. Added Qualifier Limits Result Unit D %Rec 259 100 88 - 110 **Total Suspended Solids** 258.4 mg/L

Lab Sample ID: 480-172296-1 DU Client Sample ID: EFFLUENT -071320 Prep Type: Total/NA

Matrix: Wastewater

Analysis Batch: 540409

Sample Sample DU DU RPD Result Qualifier Result Qualifier Limit Analyte RPD Unit Total Suspended Solids ND ND mg/L NC 10

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-540404/1 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 540404

мв мв

Result Qualifier RL MDL Unit Analyte D Prepared Analyzed Dil Fac **Total Dissolved Solids** ND 10.0 4.0 mg/L 07/14/20 17:01

Lab Sample ID: LCS 480-540404/2 **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA

Analysis Batch: 540404

Spike LCS LCS %Rec. Analyte Added Result Qualifier Unit %Rec Limits Total Dissolved Solids 504 484.0 mg/L 96 85 - 115

Lab Sample ID: 480-172296-1 DU Client Sample ID: EFFLUENT -071320

Matrix: Wastewater

Analysis Batch: 540404

DU DU RPD Sample Sample Result Qualifier Result Qualifier Unit RPD Limit Total Dissolved Solids 694 715.0 10 mg/L

Eurofins TestAmerica, Buffalo

7/20/2020

Prep Type: Total/NA

QC Association Summary

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

Job ID: 480-172296-1

General Chemistry

Analysis Batch: 540404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method Prep Bat	ch
480-172296-1	EFFLUENT -071320	Total/NA	Wastewater	SM2540 C	
MB 480-540404/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-540404/2	Lab Control Sample	Total/NA	Water	SM2540 C	
480-172296-1 DU	EFFLUENT -071320	Total/NA	Wastewater	SM2540 C	

Analysis Batch: 540409

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-172296-1	EFFLUENT -071320	Total/NA	Wastewater	SM 2540D	
MB 480-540409/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-540409/2	Lab Control Sample	Total/NA	Water	SM 2540D	
480-172296-1 DU	EFFLUENT -071320	Total/NA	Wastewater	SM 2540D	

Lab Chronicle

Client: O'Brien & Gere Inc of North America Job ID: 480-172296-1

Project/Site: Former Accurate Die Cast

Client Sample ID: EFFLUENT -071320

Lab Sample ID: 480-172296-1 Date Collected: 07/13/20 07:15 **Matrix: Wastewater**

Date Received: 07/14/20 08:00

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	540409	07/14/20 19:03	E1T	TAL BUF
Total/NA	Analysis	SM2540 C		1	540404	07/14/20 17:01	E1T	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: 480-172296-1

Laboratory: Eurofins TestAmerica, Buffalo

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-02-21

Method Summary

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

Job ID: 480-172296-1

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: 480-172296-1

	01: 10 L ID		0 !!		
Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-172296-1	EFFLUENT -071320	Wastewater	07/13/20 07:15	07/14/20 08:00	

Amherst, NY 14228-2298 Phone: 716-691-2600 Fax: 716-691-7991	Chain of Custody Record		America
Client Information	marin Koennecks	Cam	View CUS 60-145321-10586.1
Client Contact: Mr. Yuri Veliz		E-Mail: john.schove@testamericainc.com	HOOF Page 1 of 1
Company. O'Brien & Gere Inc of North America		Analysis Requested	# CC 30#
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:		
City. East Syracuse State, Zip. NY, 13221	TAT Requested (days):		A - HCL M - H9xane B - NaOH N - Mone C - Zn Aotate O - AsNaO2 D - Nitrio Acid P - Na2O4S E - NaHSO4 Q - Na2SO3
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO#: 12000090		
Email: yuri.veliz@ramboll.com	WO#	sp (o)	1 - Ice J - DI Water
Project Name. Former Accurate Die Cast Site:	Project #: 48008584 SSOW#:	(Yes or I	K - EDTA L - EDA Other:
New York Sample Identification	Sample Date Time G=Comp, persisten, Ashir	Fleid Filtered Sa Perform MS/MSI 2640D - Total Susp 2640C_Calcd - Tot	Total Number of Special Instructions/Note:
	Preserva	Z	
Effluent 071330	7-13-30 7:15 C Water		
7-13-27			
Possible Hazard Identification Non-Hazard Flammable Skin Irritant		Sample Disposal (A fee may be assessed if sam	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) Return To Client Disposal By Lab Archive For Months
Deliverable Requested: I, III, IV, Other (specify)	Dates	ecial Instructions/QC Requirements:	Method of Shirmsot
Relinquisted by March Ma	Date/Time: Company Company	Received by 16/1/6	Date/Time.
Relinquished by: AC X/9 /// L/	1/02.	1 2	Date/Time. Company
Custody Seals Intact: Custody Seal No.:		Cooler Temperature(s) "C and Other Remarks:	1 -

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America Job Number: 480-172296-1

Login Number: 172296 List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Yeager, Brian A

erouterr rouger, Britain		
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	3.1 #1 ICE
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	
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	
/OA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
f necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic 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.	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: 480-172616-1

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

The

Authorized for release by: 7/27/2020 10:57:56 AM
Rebecca Jones, Project Management Assistant I

Rebecca.Jones@Eurofinset.com
Designee for

John Schove, Project Manager II (716)504-9838 John Schove @ Eurofinset.com

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

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Definitions/Glossary

Client: O'Brien & Gere Inc of North America

Job ID: 480-172616-1

Project/Site: Former Accurate Die Cast

Reporting Limit or Requested Limit (Radiochemistry)

Toxicity Equivalent Factor (Dioxin)
Toxicity Equivalent Quotient (Dioxin)

Too Numerous To Count

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

Glossary

RL

RPD TEF

TEQ TNTC

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)

7/27/2020

Case Narrative

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

Job ID: 480-172616-1

Job ID: 480-172616-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-172616-1

Comments

No additional comments.

Receipt

The samples were received on 7/21/2020 8:00 AM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.8° 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: 480-172616-1

Client Sample ID: EFFLUENT 072020 COMP

Lab Sample ID: 480-172616-1

Analyte	Result Qualifier	RL	MDL Unit	Dil Fac D	Method	Prep Type
Total Dissolved Solids	751	10.0	4.0 mg/L		SM2540 C	Total/NA

Client Sample ID: EFFLUENT 072020 GRAB Lab Sample ID: 480-172616-2

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: 480-172616-1

Client Sample ID: EFFLUENT 072020 COMP Date Collected: 07/20/20 07:00

Date Received: 07/21/20 08:00

Matrix: Water

Job ID: 480-172616-1

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	751		10.0	4.0	mg/L			07/21/20 19:19	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			07/22/20 13:52	1

Lab Sample ID: 480-172616-2

Client Sample ID: EFFLUENT 072020 GRAB Date Collected: 07/20/20 07:00 **Matrix: Water**

Date Received: 07/21/20 08:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/25/20 15:54	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/25/20 15:54	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/25/20 15:54	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/25/20 15:54	1
Toluene	ND		1.0	0.51	ug/L			07/25/20 15:54	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/25/20 15:54	1
Trichloroethene	ND		1.0	0.46	ug/L			07/25/20 15:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		77 - 120			-		07/25/20 15:54	1
4-Bromofluorobenzene (Surr)	97		73 - 120					07/25/20 15:54	1
Toluene-d8 (Surr)	101		80 - 120					07/25/20 15:54	1
Dibromofluoromethane (Surr)	103		75 - 123					07/25/20 15:54	1

7/27/2020

Surrogate Summary

Client: O'Brien & Gere Inc of North America

Project/Site: Former Accurate Die Cast

Job ID: 480-172616-1

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

Matrix: Water Prep Type: Total/NA

_				Percent Su	urrogate Recov	
		DCA	BFB	TOL	DBFM	
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(80-120)	(75-123)	
480-172616-2	EFFLUENT 072020 GRAB	107	97	101	103	
LCS 480-542130/5	Lab Control Sample	100	96	97	100	
MB 480-542130/7	Method Blank	103	101	103	100	
Surrogate Legend						
DCA = 1,2-Dichloroetha	ane-d4 (Surr)					

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

BFB = 4-Bromofluorobenzene (Surr)

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Job ID: 480-172616-1

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 480-542130/7 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 542130

	MB MB							
Analyte	Result Qualif	ifier RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/L			07/25/20 12:50	1
cis-1,2-Dichloroethene	ND	1.0	0.81	ug/L			07/25/20 12:50	1
Methylene Chloride	ND	1.0	0.44	ug/L			07/25/20 12:50	1
Tetrachloroethene	ND	1.0	0.36	ug/L			07/25/20 12:50	1
Toluene	ND	1.0	0.51	ug/L			07/25/20 12:50	1
trans-1,2-Dichloroethene	ND	1.0	0.90	ug/L			07/25/20 12:50	1
Trichloroethene	ND	1.0	0.46	ug/L			07/25/20 12:50	1

MB MB %Recovery Qualifier Prepared Dil Fac Surrogate Limits Analyzed 1,2-Dichloroethane-d4 (Surr) 103 77 - 120 07/25/20 12:50 4-Bromofluorobenzene (Surr) 101 73 - 120 07/25/20 12:50 Toluene-d8 (Surr) 103 80 - 120 07/25/20 12:50 Dibromofluoromethane (Surr) 100 75 - 123 07/25/20 12:50

Lab Sample ID: LCS 480-542130/5 **Client Sample ID: Lab Control Sample Matrix: Water Prep Type: Total/NA**

Analysis Batch: 542130

•	Spike	LCS	LCS				%Rec.
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits
1,1,2,2-Tetrachloroethane	25.0	23.7		ug/L		95	76 - 120
cis-1,2-Dichloroethene	25.0	23.9		ug/L		96	74 - 124
Methylene Chloride	25.0	22.5		ug/L		90	75 - 124
Tetrachloroethene	25.0	22.7		ug/L		91	74 - 122
Toluene	25.0	22.9		ug/L		92	80 - 122
trans-1,2-Dichloroethene	25.0	23.3		ug/L		93	73 - 127
Trichloroethene	25.0	23.0		ug/L		92	74 - 123

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	100		77 - 120
4-Bromofluorobenzene (Surr)	96		73 - 120
Toluene-d8 (Surr)	97		80 - 120
Dibromofluoromethane (Surr)	100		75 - 123

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

Lab Sample ID: MB 480-541606/1 Client Sample ID: Method Blank **Matrix: Water** Prep Type: Total/NA

Analysis Batch: 541606

	МВ	MB							
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	d Analyzed	Dil Fac
Total Suspended Solids	ND		1.0	1.0	mg/L			07/22/20 13:52	1

Client Sample ID: Lab Control Sample Lab Sample ID: LCS 480-541606/2 **Matrix: Water** Prep Type: Total/NA

Analysis Batch: 541606

Alialysis Batch. 341000								
	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Total Suspended Solids	310	305.2		mg/L		99	88 - 110	

Eurofins TestAmerica, Buffalo

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7/27/2020

QC Sample Results

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

Job ID: 480-172616-1

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-541431/1

Matrix: Water

Analysis Batch: 541431

MB MB Analyte

Total Dissolved Solids ND

Result Qualifier

RL 10.0

Spike

Added

505

MDL Unit 4.0 mg/L

Prepared

%Rec

99

Analyzed 07/21/20 19:19

Prep Type: Total/NA

Prep Type: Total/NA

Prep Type: Total/NA

Dil Fac

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

%Rec.

Limits

85 - 115

Lab Sample ID: LCS 480-541431/2

Matrix: Water

Analysis Batch: 541431

Total Dissolved Solids

Lab Sample ID: 480-172616-1 DU

Matrix: Water

Analysis Batch: 541431

Result Qualifier Analyte Total Dissolved Solids 751

Sample Sample

DU DU Result Qualifier 790.0

LCS LCS

500.0

Result Qualifier

Unit mg/L

Unit

mg/L

D

RPD Limit 5 10

Client Sample ID: EFFLUENT 072020 COMP

RPD

QC Association Summary

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

Job ID: 480-172616-1

GC/MS VOA

Analysis Batch: 542130

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-172616-2	EFFLUENT 072020 GRAB	Total/NA	Water	8260C	
MB 480-542130/7	Method Blank	Total/NA	Water	8260C	
LCS 480-542130/5	Lab Control Sample	Total/NA	Water	8260C	

General Chemistry

Analysis Batch: 541431

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-172616-1	EFFLUENT 072020 COMP	Total/NA	Water	SM2540 C	· ———
MB 480-541431/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-541431/2	Lab Control Sample	Total/NA	Water	SM2540 C	
480-172616-1 DU	EFFLUENT 072020 COMP	Total/NA	Water	SM2540 C	

Analysis Batch: 541606

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-172616-1	EFFLUENT 072020 COMP	Total/NA	Water	SM 2540D	
MB 480-541606/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-541606/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Lab Chronicle

Client: O'Brien & Gere Inc of North America Job ID: 480-172616-1

Project/Site: Former Accurate Die Cast

Date Received: 07/21/20 08:00

Client Sample ID: EFFLUENT 072020 COMP

Lab Sample ID: 480-172616-1 Date Collected: 07/20/20 07:00

Matrix: Water

Batch Dilution Batch Batch Prepared Prep Type Туре Method Run Factor Number or Analyzed Analyst Lab Total/NA Analysis SM 2540D 541606 07/22/20 13:52 CSS TAL BUF

Client Sample ID: EFFLUENT 072020 GRAB

Analysis

SM2540 C

Lab Sample ID: 480-172616-2

1

541431

07/21/20 19:19

E1T

TAL BUF

Date Collected: 07/20/20 07:00 **Matrix: Water** Date Received: 07/21/20 08:00

Batch Batch Dilution Batch Prepared

Method Factor or Analyzed Prep Type Type Run Number Analyst Lab Total/NA Analysis 8260C 542130 07/25/20 15:54 CDC TAL BUF

Laboratory References:

Total/NA

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: 480-172616-1

Laboratory: Eurofins TestAmerica, Buffalo

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NFI AP	10026	04-02-21

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Method Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-172616-1

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: 480-172616-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-172616-1	EFFLUENT 072020 COMP	Water	07/20/20 07:00	07/21/20 08:00	
480-172616-2	EFFLUENT 072020 GRAB	Water	07/20/20 07:00	07/21/20 08:00	

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Chain of Custody Record

Client Information	Sampler	Koenne	1º	Lab PM: Schove, John R		Camer	Camer Calvin Wild CUS Go-145304-10587.1
Client Contact Mr. Yuri Veliz	Phóne: 315-72	6		E-Mail: john.schove@te	E-Mail: john.schove@testamericainc.com	, 4	
Company: O'Brien & Gere Inc of North America					Analysi	Analysis Requested	#CZ2 4
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:						Cod
City. East Syracuse	TAT Requested (days	36					B - NaOH N - None C - Zn Acetate O - AsNaO2
State, Ztp. NY, 13221							
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO#. 12000090			(0	_		
Email: yuri.veliz@ramboll.com	WO#			(0)			
Project Name:	Project #			110 5			
Site: New York	SSOW#:			ed (Ye			480-172616 Chain of Custody
Samula Idansification	Samula Data	Sample Type (C=comp,		Benetili Fileres MISM mnothes	540C_Calcd - T		redmuN lato
Sample Identification	Sample Date	1	Preservation Code:	X	4		
Effluent OTABAO	7-36-30	7:00 C	Water	1			R
Effluent 072020		7:00	3		W		3
/							
RE							
7.20.20							
/							
				Sample	e Disposal (A fee ma	y be assessed if sam	ples are retained longer than 1 mc
v, Other (specify)	Poison B Unknow	vn Radiological	ogical	Special	Special Instructions/QC Requirements:	Disposal By Lab	Archive For Months
Empty Kit Relinquished by:	0	Date:		Time:		Method of Shipment	Shipment
Reinquished by Agenche	Date/Time:	1:6/	Company	Rec Rec	Receivedly, 119M	1,6	7-30-30 0910 Company
Relinquished by P 1/4 / 1/4	Date Time 20 2	1900	Company	Rec	Received by Jally	de la company de	Date Timber 1/20 6 8 Company
	Condition.		Authorition	Davi	מאפת האי		
Custody Seals Intact: Custody Seal No.: Δ Yes Δ No				Coo	Cooler Temperature(s) *C and Other Remarks:	Other Remarks:	**

Client: O'Brien & Gere Inc of North America

Job Number: 480-172616-1

Login Number: 172616 List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Yeager, Brian A

orouton rougon, brian /t		
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	
/OA 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	

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: 480-172947-1

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: 8/10/2020 6:00:55 PM

John Schove, Project Manager II (716)504-9838

John.Schove@Eurofinset.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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Sample Summary	12
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Definitions/Glossary

Client: O'Brien & Gere Inc of North America Job ID: 480-172947-1

Project/Site: Former Accurate Die Cast

Qualifiers

General Chemistry

Qualifier **Qualifier Description**

Sample was prepped or analyzed beyond the specified holding time

Glossary

Abbrevistien	These commonly used abbreviations was a way at he avecant in this areast
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

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

NC Not Calculated

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

NEG Negative / Absent POS Positive / Present

Practical Quantitation Limit PQL

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

Case Narrative

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-172947-1

Job ID: 480-172947-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-172947-1

Comments

No additional comments.

Receipt

The sample was received on 7/28/2020 8:00 AM; the sample arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.6° C.

General Chemistry

Method SM 2540D: Reanalysis of the following sample(s) was performed outside of the analytical holding time due to failure of quality control parameters in the initial analysis, analyst error. The original batch 543026 was set in the oven and then disposed of by accident prior to weigh-backs. No usable data exists from original batch. EFFLUENT -072720 (480-172947-1)

No additional analytical or quality issues were noted, other than those described above or 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: 480-172947-1

Client Sample ID: EFFLUENT -072720

Lab Sample ID: 480-172947-1

Analyte	Result Qualifier	RL	MDL Unit	Dil Fac D	Method	Prep Type
Total Dissolved Solids	733	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

Client Sample ID: EFFLUENT -072720

Lab Sample ID: 480-172947-1

Date Collected: 07/27/20 07:15 Date Received: 07/28/20 08:00 Matrix: Wastewater

Job ID: 480-172947-1

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	733		10.0	4.0	mg/L			07/29/20 15:35	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND	Н	4.0	4.0	mg/L			08/05/20 19:45	1

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QC Sample Results

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

Job ID: 480-172947-1

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

Lab Sample ID: MB 480-543860/1 Client Sample ID: Method Blank

Matrix: Water Prep Type: Total/NA

Analysis Batch: 543860

MB MB Dil Fac Analyte Result Qualifier RL RL Unit Prepared Analyzed 1.0 1.0 mg/L 08/05/20 19:45 Total Suspended Solids ND

Lab Sample ID: LCS 480-543860/2 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Water

Analysis Batch: 543860

Spike LCS LCS %Rec. Added Result Qualifier Limits Unit %Rec Total Suspended Solids 265 250.0 mg/L 94 88 - 110

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-542759/1 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 542759

MB MB Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Total Dissolved Solids 10.0 mg/L 07/29/20 15:35 ND 4.0

Lab Sample ID: LCS 480-542759/2 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Water

Analysis Batch: 542759

Spike LCS LCS %Rec. Analyte Added Result Qualifier Limits Unit %Rec **Total Dissolved Solids** 505 562.0 mg/L 111 85 - 115

QC Association Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-172947-1

General Chemistry

Analysis Batch: 542759

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-172947-1	EFFLUENT -072720	Total/NA	Wastewater	SM2540 C	
MB 480-542759/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-542759/2	Lab Control Sample	Total/NA	Water	SM2540 C	

Analysis Batch: 543860

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-172947-1	EFFLUENT -072720	Total/NA	Wastewater	SM 2540D	<u> </u>
MB 480-543860/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-543860/2	Lab Control Sample	Total/NA	Water	SM 2540D	

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Lab Chronicle

Client: O'Brien & Gere Inc of North America Job ID: 480-172947-1

Project/Site: Former Accurate Die Cast

Client Sample ID: EFFLUENT -072720

Lab Sample ID: 480-172947-1 Date Collected: 07/27/20 07:15 **Matrix: Wastewater**

Date Received: 07/28/20 08:00

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	543860	08/05/20 19:45	SRW	TAL BUF
Total/NA	Analysis	SM2540 C		1	542759	07/29/20 15:35	E1T	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: 480-172947-1

Laboratory: Eurofins TestAmerica, Buffalo

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-02-21

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Method Summary

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

Job ID: 480-172947-1

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: 480-172947-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-172947-1	EFFLUENT -072720	Wastewater	07/27/20 07:15	07/28/20 08:00	

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FO BOX 4873 Whether For Box 4873 Whether For Box 4873 Whether For Box 4873 Whether For Box 4873 Whather For Box 4873 Whath	Client Contact: Mr Vini Veliz	739			@Nastamencainc com	#00E	Page: Page 1 of 1
10 10 10 10 10 10 10 10	Company: COmpany: O'Reise for of Morth America	-	000		Analysis	Pormocto	Job##
1000 1000	Address:	Due Date Requested:					Preservation Codes:
1900 1900	353 West Washington St. PU box 4673 Caty	TAT Requested (days):		T			
100 110	State, Zip NY, 13221						
Sample Date Sample Date Sample Date Sample Date Sample Date Sample Date Sample Sample Sample Sample Sample Date Sample Sample Sample Sample Sample Sample Date Sample Date Sample Sample Date Sample Date Sample Sample Date	OO(Tel)	PO# 11900114		(0	sp		P
Sample Date Sample Matrix Sample Matri	Email: yuri.veliz@ramboll.com	,#OM			apil	50	1 - Ice J - Di Water
Sample Outs	Project Name: Former Accurate Die Cast	Project #: 48008584		_	loč bel	əuistc	L-EDA
Sample Otte	Site: New York	SSOW#.		_	puədsr	00.00	
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Sample Disposal (A fee may be assessed if samples are retained longer than 1 mo and denutification and denutification and denutification and denutified by the desired by: Special Instructions/QC Requirements:		/					
Special Instructions/QC Requirements: Time: Time: Wethod of Shipment	q] Radiological		Sample Disposal (A fee m	ay be assessed if samples are reta	ined longer than 1 month) Months
Time: Trime: Method of Shipment Table Time: Page Time: Company Received by: Received by: MMM (W) IX o Date Time: Date Time: Date Time: Company Received by: Received by: MMM (W) IX o Date Time: Date Time: Date Time: Date Time: Company Received by: A No. Date Time: Date Time: Date Time: A No. Cooler Temperature(s) *C and Other Remarks: Received by:	Deliverable Requested: I, II, III, IV, Other (specify)				Special Instructions/QC Rec		
2 Letwark Desertine: 7-20/10, 30 Company Received by: MMK DW (140 10 Destribution) Destribution: Destribution: 37.30 10; 30 20;	Empty Kit Relinquished by:	Date:		Tir	ie:	Method of Shipment:	
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Custody Seal No.: Scand Other Remarks: S. (D.		Date/Time:	ŏ	ompany	Received by.	Date/Ilme:	Company
					Cooler Temperature(s) "C and	2,10	カイバド

Environment Testing America

Chain of Custody Record

Eurofins TestAmerica, Buffalo

10 Hazelwood Drive

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America Job Number: 480-172947-1

Login Number: 172947 List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Yeager, Brian A

oroutor. rougor, briair A		
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	3.6 #1 ICE
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	
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	
/OA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
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: 480-173278-1

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

The

Authorized for release by: 8/13/2020 10:16:53 AM
Rehecca Jones Project Manage

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

Designee for

John Schove, Project Manager II (716)504-9838 John Schove @ Eurofinset.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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Definitions/Glossary

Client: O'Brien & Gere Inc of North America

Job ID: 480-173278-1

Project/Site: Former Accurate Die Cast

Reporting Limit or Requested Limit (Radiochemistry)

Toxicity Equivalent Factor (Dioxin)
Toxicity Equivalent Quotient (Dioxin)

Too Numerous To Count

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

Glossary

RL

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)

Eurofins TestAmerica, Buffalo

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Case Narrative

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-173278-1

Job ID: 480-173278-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-173278-1

Comments

No additional comments.

Receipt

The samples were received on 8/4/2020 8:00 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 - GRAB 080320

Job ID: 480-173278-1

Lab Sample ID: 480-173278-3

Client Sample ID: EFFLUE	ENT - COMP 08	0320				Lal	o Sai	mple ID:	480-173278-1
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D M	lethod	Prep Type
Total Dissolved Solids	720		10.0	4.0	mg/L	1	- SI	M2540 C	Total/NA
Client Sample ID: BETWE	EN CARBONS	080320				Lal	o Sai	mple ID:	480-173278-2
No Detections.									

No Detections.

This Detection Summary does not include radiochemical test results.

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

Client Sample ID: EFFLUENT - COMP 080320

Date Collected: 08/03/20 07:20

Lab Sample ID: 480-173278-1 **Matrix: Wastewater**

Job ID: 480-173278-1

Date Received: 08/04/20 08:00

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	720		10.0	4.0	mg/L			08/06/20 17:36	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			08/04/20 17:39	1

Client Sample ID: BETWEEN CARBONS 080320

Lab Sample ID: 480-173278-2

Matrix: Wastewater

Date Collected: 08/03/20 07:20 Date Received: 08/04/20 08:00

Analyte	Result (Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND ND		1.0	0.21	ug/L			08/05/20 13:47	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/05/20 13:47	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/05/20 13:47	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/05/20 13:47	1
Toluene	ND		1.0	0.51	ug/L			08/05/20 13:47	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/05/20 13:47	1
Trichloroethene	ND		1.0	0.46	ug/L			08/05/20 13:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analvzed	Dil Fac

Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac	;
1,2-Dichloroethane-d4 (Surr)	91		77 - 120	_		08/05/20 13:47	1	ĺ
4-Bromofluorobenzene (Surr)	95		73 - 120			08/05/20 13:47	1	1
Toluene-d8 (Surr)	94		80 - 120			08/05/20 13:47	1	1
Dibromofluoromethane (Surr)	88		75 - 123			08/05/20 13:47	1	1

Client Sample ID: EFFLUENT - GRAB 080320

Lab Sample ID: 480-173278-3

Matrix: Wastewater

Date Collected: 08/03/20 07:20 Date Received: 08/04/20 08:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/05/20 14:12	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/05/20 14:12	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/05/20 14:12	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/05/20 14:12	1
Toluene	ND		1.0	0.51	ug/L			08/05/20 14:12	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/05/20 14:12	1
Trichloroethene	ND		1.0	0.46	ug/L			08/05/20 14:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		77 - 120			_		08/05/20 14:12	1
4-Bromofluorobenzene (Surr)	94		73 - 120					08/05/20 14:12	1
Toluene-d8 (Surr)	92		80 - 120					08/05/20 14:12	1
Dibromofluoromethane (Surr)	89		75 - 123					08/05/20 14:12	1

Surrogate Summary

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

Job ID: 480-173278-1

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

Matrix: Wastewater Prep Type: Total/NA

_				Percent Sui	rogate Rec
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(80-120)	(75-123)
480-173278-2	BETWEEN CARBONS 080320	91	95	94	88
480-173278-3	EFFLUENT - GRAB 080320	94	94	92	89
Cuma nata Lanand					

Surrogate Legend

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

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

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

Matrix: Water Prep Type: Total/NA

				Percent Sur	rrogate Rec
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(80-120)	(75-123)
LCS 480-543668/5	Lab Control Sample	92	98	96	89
MB 480-543668/7	Method Blank	92	93	91	89

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

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

Eurofins TestAmerica, Buffalo

Page 7 of 16

Job ID: 480-173278-1

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 480-543668/7

Matrix: Water

Analysis Batch: 543668

	MB MB							
Analyte	Result Qua	alifier RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND ND	1.0	0.21	ug/L			08/05/20 10:47	1
cis-1,2-Dichloroethene	ND	1.0	0.81	ug/L			08/05/20 10:47	1
Methylene Chloride	ND	1.0	0.44	ug/L			08/05/20 10:47	1
Tetrachloroethene	ND	1.0	0.36	ug/L			08/05/20 10:47	1
Toluene	ND	1.0	0.51	ug/L			08/05/20 10:47	1
trans-1,2-Dichloroethene	ND	1.0	0.90	ug/L			08/05/20 10:47	1
Trichloroethene	ND	1.0	0.46	ug/L			08/05/20 10:47	1

MR MR

	MD	MD					
Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		77 - 120	_		08/05/20 10:47	1
4-Bromofluorobenzene (Surr)	93		73 - 120			08/05/20 10:47	1
Toluene-d8 (Surr)	91		80 - 120			08/05/20 10:47	1
Dibromofluoromethane (Surr)	89		75 - 123			08/05/20 10:47	1

Lab Sample ID: LCS 480-543668/5

Matrix: Water

Analysis Batch: 543668

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

LCS LCS Spike %Rec. Added Result Qualifier Analyte Unit %Rec Limits 25.0 25.2 1,1,2,2-Tetrachloroethane 101 76 - 120 ug/L cis-1,2-Dichloroethene 25.0 25.4 ug/L 102 74 - 124 Methylene Chloride 25.0 23.6 94 75 - 124 ug/L Tetrachloroethene 25.0 24.0 ug/L 96 74 - 122 Toluene 25.0 25.4 ug/L 101 80 - 122 trans-1,2-Dichloroethene 25.0 24.4 ug/L 98 73 - 127 Trichloroethene 25.0 25.3 ug/L 101 74 - 123

LCS LCS

Result Qualifier

ND

Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	92		77 - 120
4-Bromofluorobenzene (Surr)	98		73 - 120
Toluene-d8 (Surr)	96		80 - 120
Dibromofluoromethane (Surr)	89		75 - 123

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

Lab Sample ID: MB 480-543638/1

Matrix: Water	Prep Type: Total/NA
Analysis Batch: 543638	
MB MB	

1.0

RL Unit

1.0 mg/L

Lab Sample ID: LCS 480-543638/2

Matrix: Water

Total Suspended Solids

Analysis	Batch:	543638	

	Spike	LCS	LCS					%Rec.	
Analyte	Added	Result	Qualifier	Unit	I	י כ	%Rec	Limits	
Total Suspended Solids	271	269.6		mg/L			99	88 - 110	

Eurofins TestAmerica, Buffalo

Client Sample ID: Method Blank

Analyzed

08/04/20 17:39

Prep Type: Total/NA

8/13/2020

Client Sample ID: Lab Control Sample

Dil Fac

Prepared

Page 8 of 16

QC Sample Results

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

Job ID: 480-173278-1

Client Sample ID: Method Blank

Analyzed

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-544043/1

Matrix: Water

Lab Sample ID: LCS 480-544043/2

Analysis Batch: 544043

Analysis Batch: 544043

Matrix: Water

MB MB

Result Qualifier Analyte

Total Dissolved Solids ND

RL MDL Unit 10.0

4.0 mg/L

Prepared

08/06/20 17:36

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Type: Total/NA

Dil Fac

RPD

Prep Type: Total/NA

Spike LCS LCS %Rec. Added Result Qualifier Limits Unit D %Rec **Total Dissolved Solids** 505 509.0 mg/L 101 85 - 115

Lab Sample ID: 480-173278-1 DU

Matrix: Wastewater

Analysis Batch: 544043

Sample Sample Analyte Total Dissolved Solids 720

Result Qualifier

DU DU 657.0

Result Qualifier

Unit mg/L

RPD

Client Sample ID: EFFLUENT - COMP 080320

Limit 10

QC Association Summary

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

Job ID: 480-173278-1

GC/MS VOA

Analysis Batch: 543668

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-173278-2	BETWEEN CARBONS 080320	Total/NA	Wastewater	8260C	
480-173278-3	EFFLUENT - GRAB 080320	Total/NA	Wastewater	8260C	
MB 480-543668/7	Method Blank	Total/NA	Water	8260C	
LCS 480-543668/5	Lab Control Sample	Total/NA	Water	8260C	

General Chemistry

Analysis Batch: 543638

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-173278-1	EFFLUENT - COMP 080320	Total/NA	Wastewater	SM 2540D	
MB 480-543638/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-543638/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 544043

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-173278-1	EFFLUENT - COMP 080320	Total/NA	Wastewater	SM2540 C	
MB 480-544043/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-544043/2	Lab Control Sample	Total/NA	Water	SM2540 C	
480-173278-1 DU	EFFLUENT - COMP 080320	Total/NA	Wastewater	SM2540 C	

Lab Chronicle

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

Lab Sample ID: 480-173278-1 Matrix: Wastewater

Lab Sample ID: 480-173278-2

Lab Sample ID: 480-173278-3

Job ID: 480-173278-1

Matrix: Wastewater

Matrix: Wastewater

Client Sample ID: EFFLUENT - COMP 080320 Date Collected: 08/03/20 07:20

Date Received: 08/04/20 08:00

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	543638	08/04/20 17:39	E1T	TAL BUF
Total/NA	Analysis	SM2540 C		1	544043	08/06/20 17:36	E1T	TAL BUF

Client Sample ID: BETWEEN CARBONS 080320

Date Collected: 08/03/20 07:20

Date Received: 08/04/20 08:00

		Batch	Batch		Dilution	Batch	Prepared		
Pre	ер Туре	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
To	tal/NA	Analysis	8260C		1	543668	08/05/20 13:47	AMM	TAL BUF

Client Sample ID: EFFLUENT - GRAB 080320

Date Collected: 08/03/20 07:20

Date Received: 08/04/20 08:00

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C			543668	08/05/20 14:12	AMM	TAL BUF

Laboratory References:

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

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Accreditation/Certification Summary

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

Job ID: 480-173278-1

Laboratory: Eurofins TestAmerica, Buffalo

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NEL AP	10026	04-02-21

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Method Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-173278-1

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: 480-173278-1

	011 (0 1 15		0 11 / 1	
Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-173278-1	EFFLUENT - COMP 080320	Wastewater	08/03/20 07:20	08/04/20 08:00
480-173278-2	BETWEEN CARBONS 080320	Wastewater	08/03/20 07:20	08/04/20 08:00
480-173278-3	EFFLUENT - GRAB 080320	Wastewater	08/03/20 07:20	08/04/20 08:00

Eurofins TestAmerica, Buffalo

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America Job Number: 480-173278-1

Login Number: 173278 List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Yeager, Brian A

orouton rougon, brian /t		
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	
/OA 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: 480-173679-1

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: 8/17/2020 9:57:58 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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Definitions/Glossary

Client: O'Brien & Gere Inc of North America Job ID: 480-173679-1

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) Toxicity Equivalent Quotient (Dioxin)

Too Numerous To Count

Eurofins TestAmerica, Buffalo

8/17/2020

Page 3 of 14

Case Narrative

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-173679-1

Job ID: 480-173679-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-173679-1

Comments

No additional comments.

Receipt

The sample was received on 8/12/2020 8:00 AM; the sample arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.8° 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: 480-173679-1

Lab Sample ID: 480-173679-1

Client Sample ID: EFFLUENT 081120

Analyte	Result Qualifier	RL	MDL Unit	Dil Fac D	Method	Prep Type
Total Dissolved Solids	592	10.0	4.0 mg/L		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 081120

Lab Sample ID: 480-173679-1

Matrix: Wastewater

Analyzed

08/12/20 15:20

Job ID: 480-173679-1

Date Collected: 08/11/20 07:15 Date Received: 08/12/20 08:00

Analyte

Total Suspended Solids

General Chemistry							
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	592	10.0	4.0 mg/L			08/12/20 16:40	1

Result Qualifier

ND

RL

4.0

RL Unit

4.0 mg/L

D

Prepared

Dil Fac

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Job ID: 480-173679-1

Prep Type: Total/NA

Prep Type: Total/NA

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

MR MR

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

Lab Sample ID: MB 480-544708/1 Client Sample ID: Method Blank

Matrix: Water

Analysis Batch: 544708

	IVID	IVID							
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	ma/L			08/12/20 15:20	1

Lab Sample ID: LCS 480-544708/2 Client Sample ID: Lab Control Sample

Matrix: Water Prep Type: Total/NA

Analysis Batch: 544708

Spike LCS LCS %Rec. Added Result Qualifier Limits Unit D %Rec **Total Suspended Solids** 345 329.2 95 88 - 110 mg/L

Lab Sample ID: 480-173679-1 DU Client Sample ID: EFFLUENT 081120 **Matrix: Wastewater** Prep Type: Total/NA

Analysis Batch: 544708

Sample Sample DU DU RPD Result Qualifier Result Qualifier Limit Analyte RPD Unit Total Suspended Solids ND ND mg/L NC 10

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-544881/1 Client Sample ID: Method Blank

Matrix: Water

Analysis Batch: 544881

MB MB Analyte Result Qualifier RLMDL Unit D Prepared Analyzed Dil Fac **Total Dissolved Solids** ND 10.0 4.0 mg/L 08/12/20 16:40

Lab Sample ID: LCS 480-544881/2 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Water

Analysis Batch: 544881

Spike LCS LCS %Rec. Analyte Added Result Qualifier Unit %Rec Limits Total Dissolved Solids 500 489.0 mg/L 98 85 - 115

QC Association Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-173679-1

General Chemistry

Analysis Batch: 544708

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-173679-1	EFFLUENT 081120	Total/NA	Wastewater	SM 2540D	
MB 480-544708/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-544708/2	Lab Control Sample	Total/NA	Water	SM 2540D	
480-173679-1 DU	EFFLUENT 081120	Total/NA	Wastewater	SM 2540D	

Analysis Batch: 544881

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-173679-1	EFFLUENT 081120	Total/NA	Wastewater	SM2540 C	
MB 480-544881/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-544881/2	Lab Control Sample	Total/NA	Water	SM2540 C	

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Lab Chronicle

Client: O'Brien & Gere Inc of North America Job ID: 480-173679-1

Project/Site: Former Accurate Die Cast

Client Sample ID: EFFLUENT 081120

Lab Sample ID: 480-173679-1 Date Collected: 08/11/20 07:15 **Matrix: Wastewater**

Date Received: 08/12/20 08:00

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	544708	08/12/20 15:20	SRW	TAL BUF
Total/NA	Analysis	SM2540 C		1	544881	08/12/20 16:40	E1T	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

Laboratory: Eurofins TestAmerica, Buffalo

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-02-21

Job ID: 480-173679-1

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Method Summary

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

Job ID: 480-173679-1

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: 480-173679-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
Lab Sample ID	Olient Sample ID	IVIGUIA	Collected	Received	ASSELID
480-173679-1	EFFLUENT 081120	Wastewater	08/11/20 07:15	08/12/20 08:00	

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M - Hexane
N - None
O - Ashao2
P - Na2045
Q - Na2045
R - Na25X03
S - Na25X03
S - H2SO4
T - TSP Dodecahydrate
U - Acetone
U - Acetone
W - MCAA
W - PH 4-5
Z - other (specify) Environment Texting Ver. 01/16/2019 Special Instructions/Note: Months Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return To Client Disposal By Lab Archive For Mon 480-145322-10586.1 reservation Codes S eurofins A - HCL
B - NaOH
C - Zn Acetate
D - Nithc Acid
E - NaHSO4
F - MeOH
G - Amchlor
H - Ascorbic Acid Page 1 of 1 I - Ice J - Di Water K - EDTA L - EDA X Total Number of containers Syracuse #225 Method of Shipment 480-173679 Chain of Custody Analysis Requested Cooler Temperature(s) °C and Other Remarks Special Instructions/QC Requirements: Lab PM: Schove, John R E-Mail. John.Schove@Eurofinset.com deceived by. 2640C_Calcd - Total Dissolved Solids Chain of Custody Record Time: Perform MS/MSD (Yes or No) Company BT=Tissue, A=Air Preservation Code: Matrix Water Radiological Type (C=comp, G=grab) Koennecky Sample HONE 315- 729-1300 900 Sample Time Date:/ Unknown TAT Requested (days): Due Date Requested: Datedime Stress 8-11-30 Sampler. Sample Date 8-11-30 PO#. Project #: 48008584 SSOW#: Poison B WO# Skin Irritant Deliverable Requested: I, II, III, IV, Other (specify) Custody Seal No.: Eurofins TestAmerica, Buffalo Phone: 716-691-2600 Fax: 716-691-7991 333 West Washington St. PO BOX 4873 315-956-6100(Tel) 315-463-7554(Fax) O'Brien & Gere Inc of North America D-11-8 Flammable Possible Hazard Identification 081130 Empty Kit Relinquished by: Custody Seals Intact: Amherst, NY 14228-2298 Former Accurate Die Cast vuri.veliz@ramboll.com Client Information Sample Identification 10 Hazelwood Drive The padsinbu linquished by: nquished by. East Syracuse Mr. Yuri Veliz State, Zip: NY, 13221 New York Effluent

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America Job Number: 480-173679-1

Login Number: 173679 List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Yeager, Brian A

erouterr rouger, Britain		
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	3.8 #1 ICE
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	
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	
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: 480-174337-1

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

The

Authorized for release by: 9/4/2020 10:49:05 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.

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QC Association Summary	10
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Method Summary	13
Sample Summary	14
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Definitions/Glossary

Client: O'Brien & Gere Inc of North America Job ID: 480-174337-1

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

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: 480-174337-1

Job ID: 480-174337-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-174337-1

Comments

No additional comments.

Receipt

The samples were received on 8/27/2020 8:00 AM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.8° 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: 480-174337-1

Client Sample ID: EFFLUENT - COMP

Lab Sample ID: 480-174337-1

Analyte	Result Qualifier	RL	MDL Unit	Dil Fac D	Method	Prep Type
Total Dissolved Solids	579	10.0	4.0 mg/L		SM2540 C	Total/NA

Client Sample ID: EFFLUENT - GRAB Lab Sample ID: 480-174337-2

No Detections.

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Client Sample Results

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

Job ID: 480-174337-1

Client Sample ID: EFFLUENT - COMP

Date Collected: 08/26/20 07:00 Date Received: 08/27/20 08:00 Lab Sample ID: 480-174337-1

Matrix: Wastewater

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	579		10.0	4.0	mg/L			08/31/20 19:45	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			08/29/20 16:10	1

Client Sample ID: EFFLUENT - GRAB

Date Collected: 08/26/20 07:00

Dibromofluoromethane (Surr)

Date Received: 08/27/20 08:00

Lab Sample	ID: 480-174337-2
------------	------------------

08/28/20 17:58

Matrix: Wastewater

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	MD		1.0	0.21	ug/L			08/28/20 17:58	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/28/20 17:58	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/28/20 17:58	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/28/20 17:58	1
Toluene	ND		1.0	0.51	ug/L			08/28/20 17:58	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/28/20 17:58	1
Trichloroethene	ND		1.0	0.46	ug/L			08/28/20 17:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120			-		08/28/20 17:58	1
4-Bromofluorobenzene (Surr)	99		73 - 120					08/28/20 17:58	1
Toluene-d8 (Surr)	100		80 - 120					08/28/20 17:58	1

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Surrogate Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-174337-1

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

Matrix: Wastewater Prep Type: Total/NA

_				Percent Su	rrogate Reco
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(80-120)	(75-123)
480-174337-2	EFFLUENT - GRAB	102	99	100	103

Surrogate Legend

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

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

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

Matrix: Water Prep Type: Total/NA

DCA BFB TOL DBFM
Lab Sample ID Client Sample ID (77-120) (73-120) (80-120) (75-12
LCS 480-547187/6 Lab Control Sample 100 102 99 99
MB 480-547187/8 Method Blank 103 103 102 101

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

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

Eurofins TestAmerica, Buffalo

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Job ID: 480-174337-1

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 480-547187/8 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 547187

	MB MB							
Analyte	Result Qualifier	r RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND ND	1.0	0.21	ug/L			08/28/20 12:19	1
cis-1,2-Dichloroethene	ND	1.0	0.81	ug/L			08/28/20 12:19	1
Methylene Chloride	ND	1.0	0.44	ug/L			08/28/20 12:19	1
Tetrachloroethene	ND	1.0	0.36	ug/L			08/28/20 12:19	1
Toluene	ND	1.0	0.51	ug/L			08/28/20 12:19	1
trans-1,2-Dichloroethene	ND	1.0	0.90	ug/L			08/28/20 12:19	1
Trichloroethene	ND	1.0	0.46	ug/L			08/28/20 12:19	1

MB MB

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103	77 - 120		08/28/20 12:19	1
4-Bromofluorobenzene (Surr)	103	73 - 120	C	08/28/20 12:19	1
Toluene-d8 (Surr)	102	80 - 120		08/28/20 12:19	1
Dibromofluoromethane (Surr)	101	75 ₋ 123		08/28/20 12:19	1

Lab Sample ID: LCS 480-547187/6 **Client Sample ID: Lab Control Sample Matrix: Water Prep Type: Total/NA**

Analysis Batch: 547187

,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
1,1,2,2-Tetrachloroethane	25.0	24.8		ug/L		99	76 - 120	
cis-1,2-Dichloroethene	25.0	25.4		ug/L		102	74 - 124	
Methylene Chloride	25.0	22.0		ug/L		88	75 - 124	
Tetrachloroethene	25.0	25.2		ug/L		101	74 - 122	
Toluene	25.0	25.2		ug/L		101	80 - 122	
trans-1,2-Dichloroethene	25.0	24.8		ug/L		99	73 - 127	
Trichloroethene	25.0	25.9		ua/L		104	74 - 123	

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	100		77 - 120
4-Bromofluorobenzene (Surr)	102		73 - 120
Toluene-d8 (Surr)	99		80 - 120
Dibromofluoromethane (Surr)	99		75 - 123

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

Lab Sample ID: MB 480-547350/1 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 547350

MB MB

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		1.0	1.0	mg/L			08/29/20 16:10	1

Lab Sample ID: LCS 480-547350/2 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Water

Analysis Batch: 547350								
	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Total Suspended Solids	456	437.6		mg/L		96	88 - 110	

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Eurofins TestAmerica, Buffalo

QC Sample Results

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

Job ID: 480-174337-1

Prep Type: Total/NA

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-547553/1 Client Sample ID: Method Blank

Matrix: Water Prep Type: Total/NA

Analysis Batch: 547553

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND	10.0	4.0 mg/L			08/31/20 19:45	1

Lab Sample ID: LCS 480-547553/2 **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA

Analysis Batch: 547553

Spike LCS LCS %Rec.

MB MB

Added Result Qualifier Analyte Unit D %Rec Limits **Total Dissolved Solids** 502 495.0 mg/L 99 85 - 115

Lab Sample ID: 480-174337-1 DU Client Sample ID: EFFLUENT - COMP

Matrix: Wastewater Analysis Batch: 547553

DU DU RPD Sample Sample Result Qualifier Result Qualifier Unit Limit

Total Dissolved Solids 579 594.0 10 mg/L

9/4/2020

QC Association Summary

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

Job ID: 480-174337-1

GC/MS VOA

Analysis Batch: 547187

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-174337-2	EFFLUENT - GRAB	Total/NA	Wastewater	8260C	
MB 480-547187/8	Method Blank	Total/NA	Water	8260C	
LCS 480-547187/6	Lab Control Sample	Total/NA	Water	8260C	
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General Chemistry

Analysis Batch: 547350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batc
480-174337-1	EFFLUENT - COMP	Total/NA	Wastewater	SM 2540D	
MB 480-547350/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-547350/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 547553

Lab Sample ID 480-174337-1	Client Sample ID EFFLUENT - COMP	Prep Type Total/NA	Matrix Wastewater	Method SM2540 C	Prep Batch
MB 480-547553/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-547553/2	Lab Control Sample	Total/NA	Water	SM2540 C	
480-174337-1 DU	EFFLUENT - COMP	Total/NA	Wastewater	SM2540 C	

Lab Chronicle

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

Client Sample ID: EFFLUENT - COMP

Lab Sample ID: 480-174337-1 Date Collected: 08/26/20 07:00

Matrix: Wastewater

Date Received: 08/27/20 08:00

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	547350	08/29/20 16:10	CSS	TAL BUF
Total/NA	Analysis	SM2540 C		1	547553	08/31/20 19:45	E1T	TAL BUF

Client Sample ID: EFFLUENT - GRAB

Lab Sample ID: 480-174337-2

Date Collected: 08/26/20 07:00 **Matrix: Wastewater**

Date Received: 08/27/20 08:00

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	547187	08/28/20 17:58	RJF	TAL BUF

Laboratory References:

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

Job ID: 480-174337-1

Eurofins TestAmerica, Buffalo

Accreditation/Certification Summary

Client: O'Brien & Gere Inc of North America Job ID: 480-174337-1

Project/Site: Former Accurate Die Cast

Laboratory: Eurofins TestAmerica, Buffalo

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date	
New York	NELAP	10026	04-02-21	

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Method Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-174337-1

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

Sample Summary

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

Job ID: 480-174337-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-174337-1	EFFLUENT - COMP	Wastewater	08/26/20 07:00	08/27/20 08:00	
480-174337-2	EFFLUENT - GRAB	Wastewater	08/26/20 07:00	08/27/20 08:00	

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Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America Job Number: 480-174337-1

Login Number: 174337 List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Yeager, Brian A

erouterr rouger, erium,		
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 he COC.	True	
Samples 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.	True	
Chlorine Residual checked.	N/A	

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ANALYTICAL REPORT

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

Laboratory Job ID: 480-174570-1

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: 9/9/2020 3:32:00 PM Joshua Velez, Project Management Assistant I joshua.velez@eurofinset.com

Designee for

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

joe.giacomazza@testamericainc.com

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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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Definitions/Glossary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-174570-1

Qualifiers

Qualifier Qualifier Description

B Compound was found in the blank and sample.

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.
¤	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)

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

Eurofins TestAmerica, Buffalo

9/9/2020

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Case Narrative

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-174570-1

Job ID: 480-174570-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-174570-1

Comments

No additional comments.

Receipt

The samples were received on 9/2/2020 8:00 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

Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: INFLUENT 090120 GRAB (480-174570-3). 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

Zinc

Job ID: 480-174570-1

6010C

Client Sample ID: EFF	LUENT 09012	0 COMP				Lab San	nple ID: 48	80-174570-1
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac D	Method	Prep Type
Zinc	0.0051	J B	0.010	0.0015	mg/L		6010C	Total/NA
Total Dissolved Solids	537		10.0	4.0	mg/L	1	SM2540 C	Total/NA
Client Sample ID: BET	WEEN CARBO	ONS 0901	20 GRAE	3		Lab San	nple ID: 48	80-174570-2
No Detections.								
Client Sample ID: INFL	UENT 090120	GRAB				Lab San	nple ID: 48	80-174570-3
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac D	Method	Prep Type
Trichloroethene	300		8.0	3.7	ug/L	8	8260C	Total/NA
Client Sample ID: EFF	LUENT 09012	0 GRAB				Lab San	nple ID: 48	80-174570-4
No Detections.								
Client Sample ID: INFL	UENT 090120	COMP				Lab San	nple ID: 48	80-174570-5
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac D	Method	Prep Type

0.010

0.0015 mg/L

0.0053 JB

This Detection Summary does not include radiochemical test results.

Total/NA

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

Client Sample ID: EFFLUENT 090120 COMP Lab Sample ID: 480-174570-1

Date Collected: 09/01/20 08:20

Matrix: Wastewater

09/02/20 17:53

Job ID: 480-174570-1

Date Received: 09/02/20 08:00

Method: 6010C - Metals (ICP) Analyte	Pocult	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	0.0051		0.010	0.0015		=	09/03/20 09:55		1
Method: 7470A - Mercury (CVAA)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/03/20 12:22	09/03/20 16:01	1
General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	537		10.0	4.0	mg/L			09/02/20 17:22	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac

Client Sample ID: BETWEEN CARBONS 090120 GRAB Lab Sample ID: 480-174570-2

Date Collected: 09/01/20 08:20 Matrix: Wastewater

4.0

4.0 mg/L

Date Received: 09/02/20 08:00

Total Suspended Solids

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/03/20 14:55	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/03/20 14:55	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/03/20 14:55	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/03/20 14:55	1
Toluene	ND		1.0	0.51	ug/L			09/03/20 14:55	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/03/20 14:55	1
Trichloroethene	ND		1.0	0.46	ug/L			09/03/20 14:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4.0.D: 11 (1) 14 (0) \									

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		77 - 120		09/03/20 14:55	1
4-Bromofluorobenzene (Surr)	103		73 - 120		09/03/20 14:55	1
Toluene-d8 (Surr)	98		80 - 120		09/03/20 14:55	1
Dibromofluoromethane (Surr)	106		75 - 123		09/03/20 14:55	1

Client Sample ID: INFLUENT 090120 GRAB

Date Collected: 09/01/20 08:20

Lab Sample ID: 480-174570-3

Matrix: Water

Date Collected: 09/01/20 08:20 Date Received: 09/02/20 08:00

ND

Analyte	Result Qua	alifier RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND ND	8.0	1.7	ug/L			09/03/20 15:19	8
cis-1,2-Dichloroethene	ND	8.0	6.5	ug/L			09/03/20 15:19	8
Methylene Chloride	ND	8.0	3.5	ug/L			09/03/20 15:19	8
Tetrachloroethene	ND	8.0	2.9	ug/L			09/03/20 15:19	8
Toluene	ND	8.0	4.1	ug/L			09/03/20 15:19	8
trans-1,2-Dichloroethene	ND	8.0	7.2	ug/L			09/03/20 15:19	8
Trichloroethene	300	8.0	3.7	ug/L			09/03/20 15:19	8
Surrogate	%Recovery Qua	alifier Limits				Prepared	Analyzed	Dil Fac

Т	Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzea	DII Fac
	1,2-Dichloroethane-d4 (Surr)	110	77 - 120		09/03/20 15:19	8
l	4-Bromofluorobenzene (Surr)	104	73 - 120		09/03/20 15:19	8
	Toluene-d8 (Surr)	97	80 - 120		09/03/20 15:19	8
l	Dibromofluoromethane (Surr)	109	75 - 123		09/03/20 15:19	8

Eurofins TestAmerica, Buffalo

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Client Sample Results

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

Lab Sample ID: 480-174570-4

Matrix: Wastewater

Job ID: 480-174570-1

Client Sample ID: EFFLUENT 090120 GRAB

Date Collected: 09/01/20 08:20 Date Received: 09/02/20 08:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/03/20 15:43	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/03/20 15:43	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/03/20 15:43	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/03/20 15:43	1
Toluene	ND		1.0	0.51	ug/L			09/03/20 15:43	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/03/20 15:43	1
Trichloroethene	ND		1.0	0.46	ug/L			09/03/20 15:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111	·	77 - 120					09/03/20 15:43	1
4-Bromofluorobenzene (Surr)	106		73 - 120					09/03/20 15:43	1
Toluene-d8 (Surr)	97		80 - 120					09/03/20 15:43	1
Dibromofluoromethane (Surr)	110		75 - 123					09/03/20 15:43	1

Lab Sample ID: 480-174570-5 Client Sample ID: INFLUENT 090120 COMP

Date Collected: 09/01/20 08:20

Date Received: 09/02/20 08:00

Method: 6010C - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	0.0053	JB	0.010	0.0015	mg/L		09/03/20 09:55	09/04/20 01:16	1
Mothod: 7470A Moreum: (CVAA)									

Wethou. 1410A - Wercury (CVAA)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		09/03/20 12:22	09/03/20 16:02	1

Matrix: Water

Surrogate Summary

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

Job ID: 480-174570-1

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

Matrix: Wastewater Prep Type: Total/NA

			Pe	ercent Surro	ogate Reco
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(80-120)	(75-123)
480-174570-2	BETWEEN CARBONS 090120 (109	103	98	106
480-174570-4	EFFLUENT 090120 GRAB	111	106	97	110
Surrogate Legend					

Surrogate Legend

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

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

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

Matrix: Water Prep Type: Total/NA

			Pe	ercent Surre	gate Recovery	(Acceptance Lin
		DCA	BFB	TOL	DBFM	
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(80-120)	(75-123)	
480-174570-3	INFLUENT 090120 GRAB	110	104	97	109	
LCS 480-547987/28	Lab Control Sample	105	109	100	104	
MB 480-547987/7	Method Blank	110	105	97	115	
Surrogate Legend						

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

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

Client: O'Brien & Gere Inc of North America Job ID: 480-174570-1 Project/Site: Former Accurate Die Cast

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

Lab Sample ID: MB 480-547987/7

Matrix: Water

Analysis Batch: 547987

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			09/03/20 10:40	1
cis-1,2-Dichloroethene	ND	1.0	0.81	ug/L			09/03/20 10:40	1
Methylene Chloride	ND	1.0	0.44	ug/L			09/03/20 10:40	1
Tetrachloroethene	ND	1.0	0.36	ug/L			09/03/20 10:40	1
Toluene	ND	1.0	0.51	ug/L			09/03/20 10:40	1
trans-1,2-Dichloroethene	ND	1.0	0.90	ug/L			09/03/20 10:40	1
Trichloroethene	ND	1.0	0.46	ug/L			09/03/20 10:40	1

MB MB

Surrogate	%Recovery Qualifie	er Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110	77 - 120		09/03/20 10:40	1
4-Bromofluorobenzene (Surr)	105	73 - 120		09/03/20 10:40	1
Toluene-d8 (Surr)	97	80 - 120		09/03/20 10:40	1
Dibromofluoromethane (Surr)	115	75 - 123		09/03/20 10:40	1

Lab Sample ID: LCS 480-547987/28

Matrix: Water

Analysis Batch: 547987

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	23.9		ug/L		96	76 - 120	
cis-1,2-Dichloroethene	25.0	23.6		ug/L		94	74 - 124	
Methylene Chloride	25.0	23.4		ug/L		93	75 - 124	
Tetrachloroethene	25.0	25.0		ug/L		100	74 - 122	
Toluene	25.0	23.1		ug/L		92	80 - 122	
trans-1,2-Dichloroethene	25.0	24.1		ug/L		96	73 - 127	
Trichloroethene	25.0	25.2		ug/L		101	74 - 123	

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	105		77 - 120
4-Bromofluorobenzene (Surr)	109		73 - 120
Toluene-d8 (Surr)	100		80 - 120
Dibromofluoromethane (Surr)	104		75 - 123

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-547945/1-A

Matrix: Water

Analysis Batch: 548255

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

Prep Batch: 547945

MB MB

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	0.00155	J	0.010	0.0015	mg/L		09/03/20 09:55	09/04/20 00:45	1

0.200

Lab Sample ID: LCS 480-547945/2-A

Matrix: Water

Analyte Zinc

Analysis Batch: 548255

'945/2-A				Clic	ent Sai	mple ID	: Lab Control Sample
							Prep Type: Total/NA Prep Batch: 547945
	Spike	LCS	LCS				%Rec.
	Added	Result	Qualifier	Unit	D	%Rec	Limits

mg/L

Eurofins TestAmerica, Buffalo

80 - 120

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0.217

9/9/2020

Client: O'Brien & Gere Inc of North America

Job ID: 480-174570-1

Project/Site: Former Accurate Die Cast

Method: 6010C - Metals (ICP) (Continued)

0.0051 JB

Lab Sample ID: 480-174570-1 MS Client Sample ID: EFFLUENT 090120 COMP **Matrix: Wastewater** Prep Type: Total/NA Analysis Batch: 548255 Prep Batch: 547945 Sample Sample Spike MS MS %Rec. Result Qualifier Result Qualifier Added Limits Analyte Unit %Rec

0.218

mg/L

107

75 - 125

0.200

Lab Sample ID: 480-174570-1 MSD Client Sample ID: EFFLUENT 090120 COMP **Matrix: Wastewater** Prep Type: Total/NA **Analysis Batch: 548255 Prep Batch: 547945** Sample Sample Spike MSD MSD %Rec. **RPD** Result Qualifier Added Result Qualifier D %Rec Limits RPD Limit Analyte Unit 0.0051 JB 0.200 Zinc 0.221 mg/L 108 75 - 12520

Method: 7470A - Mercury (CVAA)

Zinc

Lab Sample ID: MB 480-548088/1-A

Matrix: Water

Analysis Batch: 548190

MB MB

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 548088

 Analyte
 Result
 Qualifier
 RL
 MDL
 Unit
 D
 Prepared
 Analyzed
 Dil Fac

 Mercury
 ND
 0.00020
 0.00012
 mg/L
 09/03/20 12:22
 09/03/20 15:49
 1

Lab Sample ID: LCS 480-548088/2-A **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA **Analysis Batch: 548190** Prep Batch: 548088 Spike LCS LCS %Rec. Analyte Added Result Qualifier Unit %Rec Limits 0.00667 0.00683 mg/L 102 80 - 120 Mercury

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

Lab Sample ID: MB 480-547964/1

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 547964

MB MB

Analyte Result Qualifier RL Unit D Prepared Analyzed D O9/02/20 17:53 1

Total Suspended Solids ND 1.0 1.0 mg/L 09/02/20 17:53 1

Lab Sample ID: LCS 480-547964/2

Matrix: Water

Analysis Batch: 547964

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

AnalyteAddedResult
540Qualifier
531.2Unit
mg/LD%RecKecWRecLimitsTotal Suspended Solids540531.2mg/L9888 - 110

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-547959/1

Matrix: Water

Client Sample ID: Method Blank

Prep Type: Total/NA

Analysis Batch: 547959

 Analyte
 Result Dissolved Solids
 Qualifier
 RL ND
 MDL Unit MDL Unit MDL MR
 D Prepared MR
 Analyzed MDL MR
 Dil Fac MDL MR

Eurofins TestAmerica, Buffalo

9/9/2020

QC Sample Results

Client: O'Brien & Gere Inc of North America Job ID: 480-174570-1 Project/Site: Former Accurate Die Cast

Method: SM2540 C - Total Dissolved Solids (Continued)

Lab Sample ID: LCS 480-547959/2 **Client Sample ID: Lab Control Sample Prep Type: Total/NA**

Matrix: Water

Analysis Batch: 547959

	Spike	LCS	LCS				%Rec.
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits
Total Dissolved Solids	502	497.0		mg/L		99	85 - 115

QC Association Summary

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

Job ID: 480-174570-1

GC/MS VOA

Analysis Batch: 547987

Lab Sample ID 480-174570-2	Client Sample ID BETWEEN CARBONS 090120 GRAB	Prep Type Total/NA	Matrix Wastewater	Method 8260C	Prep Batch
480-174570-3	INFLUENT 090120 GRAB	Total/NA	Water	8260C	
480-174570-4	EFFLUENT 090120 GRAB	Total/NA	Wastewater	8260C	
MB 480-547987/7	Method Blank	Total/NA	Water	8260C	
LCS 480-547987/28	Lab Control Sample	Total/NA	Water	8260C	

Metals

Prep Batch: 547945

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-174570-1	EFFLUENT 090120 COMP	Total/NA	Wastewater	3005A	_
480-174570-5	INFLUENT 090120 COMP	Total/NA	Water	3005A	
MB 480-547945/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-547945/2-A	Lab Control Sample	Total/NA	Water	3005A	
480-174570-1 MS	EFFLUENT 090120 COMP	Total/NA	Wastewater	3005A	
480-174570-1 MSD	EFFLUENT 090120 COMP	Total/NA	Wastewater	3005A	

Prep Batch: 548088

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-174570-1	EFFLUENT 090120 COMP	Total/NA	Wastewater	7470A	
480-174570-5	INFLUENT 090120 COMP	Total/NA	Water	7470A	
MB 480-548088/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-548088/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 548190

Lab Sample ID Client Sample ID		Prep Type	Matrix	Method	Prep Batch
480-174570-1	EFFLUENT 090120 COMP	Total/NA	Wastewater	7470A	548088
480-174570-5	INFLUENT 090120 COMP	Total/NA	Water	7470A	548088
MB 480-548088/1-A	Method Blank	Total/NA	Water	7470A	548088
LCS 480-548088/2-A	Lab Control Sample	Total/NA	Water	7470A	548088

Analysis Batch: 548255

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-174570-1	EFFLUENT 090120 COMP	Total/NA	Wastewater	6010C	547945
480-174570-5	INFLUENT 090120 COMP	Total/NA	Water	6010C	547945
MB 480-547945/1-A	Method Blank	Total/NA	Water	6010C	547945
LCS 480-547945/2-A	Lab Control Sample	Total/NA	Water	6010C	547945
480-174570-1 MS	EFFLUENT 090120 COMP	Total/NA	Wastewater	6010C	547945
480-174570-1 MSD	EFFLUENT 090120 COMP	Total/NA	Wastewater	6010C	547945

General Chemistry

Analysis Batch: 547959

Lab Sample ID 480-174570-1	Client Sample ID EFFLUENT 090120 COMP	Prep Type Total/NA	Matrix Wastewater	Method SM2540 C	Prep Batch
MB 480-547959/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-547959/2	Lab Control Sample	Total/NA	Water	SM2540 C	

Analysis Batch: 547964

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-174570-1	EFFLUENT 090120 COMP	Total/NA	Wastewater	SM 2540D	
MB 480-547964/1	Method Blank	Total/NA	Water	SM 2540D	

Eurofins TestAmerica, Buffalo

QC Association Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-174570-1

General Chemistry (Continued)

Analysis Batch: 547964 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-547964/2	Lab Control Sample	Total/NA	Water	SM 2540D	

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Date Collected: 09/01/20 08:20 Date Received: 09/02/20 08:00

Lab Sample ID: 480-174570-1

Matrix: Wastewater

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	3005A			547945	09/03/20 09:55	ADM	TAL BUF
Total/NA	Analysis	6010C		1	548255	09/04/20 00:57	LMH	TAL BUF
Total/NA	Prep	7470A			548088	09/03/20 12:22	BMB	TAL BUF
Total/NA	Analysis	7470A		1	548190	09/03/20 16:01	BMB	TAL BUF
Total/NA	Analysis	SM 2540D		1	547964	09/02/20 17:53	CSS	TAL BUF
Total/NA	Analysis	SM2540 C		1	547959	09/02/20 17:22	CSS	TAL BUF

Client Sample ID: BETWEEN CARBONS 090120 GRAB

Date Collected: 09/01/20 08:20 Date Received: 09/02/20 08:00

Lab Sample ID: 480-174570-2

Matrix: Wastewater

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	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	547987	09/03/20 14:55	CRL	TAL BUF

Client Sample ID: INFLUENT 090120 GRAB

Date Collected: 09/01/20 08:20 Date Received: 09/02/20 08:00

Lab Sample ID: 480-174570-3

Matrix: Water

Batch Dilution Batch Prepared **Batch** Method Number or Analyzed **Prep Type** Type **Factor** Analyst Run Lab 8260C 547987 09/03/20 15:19 CRL TAL BUF Analysis Total/NA

Client Sample ID: EFFLUENT 090120 GRAB

Date Collected: 09/01/20 08:20 Date Received: 09/02/20 08:00

Lab Sample ID: 480-174570-4

Matrix: Wastewater

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	547987	09/03/20 15:43	CRL	TAL BUF

Client Sample ID: INFLUENT 090120 COMP

Date Collected: 09/01/20 08:20

Date Received: 09/02/20 08:00

Lab Sample ID: 480-174570-5 **Matrix: Water**

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	3005A			547945	09/03/20 09:55	ADM	TAL BUF
Total/NA	Analysis	6010C		1	548255	09/04/20 01:16	LMH	TAL BUF
Total/NA	Prep	7470A			548088	09/03/20 12:22	BMB	TAL BUF
Total/NA	Analysis	7470A		1	548190	09/03/20 16:02	BMB	TAL BUF

Laboratory References:

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

9/9/2020

Accreditation/Certification Summary

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

Job ID: 480-174570-1

Laboratory: Eurofins TestAmerica, Buffalo

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-02-21

Method Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-174570-1

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

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Sample Summary

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

Job ID: 480-174570-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset
480-174570-1	EFFLUENT 090120 COMP	Wastewater	09/01/20 08:20	09/02/20 08:00	
480-174570-2	BETWEEN CARBONS 090120 GRAB	Wastewater	09/01/20 08:20	09/02/20 08:00	
480-174570-3	INFLUENT 090120 GRAB	Water	09/01/20 08:20	09/02/20 08:00	
480-174570-4	EFFLUENT 090120 GRAB	Wastewater	09/01/20 08:20	09/02/20 08:00	
480-174570-5	INFLUENT 090120 COMP	Water	09/01/20 08:20	09/02/20 08:00	

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Client: O'Brien & Gere Inc of North America

Job Number: 480-174570-1

List Source: Eurofins TestAmerica, Buffalo

Login Number: 174570

List Number: 1

Creator: Yeager, Brian A

oroator: rougor, briair A		
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	
/OA 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	



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 480-174828-1

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: 9/14/2020 3:18:22 PM Joshua Velez, Project Management Assistant I joshua.velez@eurofinset.com

Designee for

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

joe.giacomazza@testamericainc.com

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.

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Definitions/Glossary

Client: O'Brien & Gere Inc of North America

Job ID: 480-174828-1

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.
¤	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

Eurofins TestAmerica, Buffalo

9/14/2020

Case Narrative

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-174828-1

Job ID: 480-174828-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-174828-1

Comments

No additional comments.

Receipt

The sample was received on 9/9/2020 8:00 AM; the sample arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.4° 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: 480-174828-1

Client Sample ID: EFFLUENT 090820

Lab Sample ID: 480-174828-1

Analyte	Result Qualifier	RL	MDL Unit	Dil Fac D	Method	Prep Type
Total Dissolved Solids	790	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: 480-174828-1

Matrix: Wastewater

Job ID: 480-174828-1

Client Sample ID: EFFLUENT 090820

Date Collected: 09/08/20 07:15 Date Received: 09/09/20 08:00

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	790		10.0	4.0	mg/L			09/09/20 18:57	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			09/09/20 18:30	1

QC Sample Results

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

Job ID: 480-174828-1

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

Lab Sample ID: MB 480-548818/1 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 548818

	INID INID						
Analyte	Result Qualifier	RL	RL Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND	1.0	1.0 mg/L			09/09/20 18:30	1

Lab Sample ID: LCS 480-548818/2 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Water

Analysis Batch: 548818

-	Spik	e LCS	LCS				%Rec.
Analyte	Adde	d Result	Qualifier	Unit	D	%Rec	Limits
Total Suspended Solids		259.6		mg/L		100	88 - 110

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-548821/1 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 548821

MB MB Dil Fac Analyte Result Qualifier RLMDL Unit Prepared Analyzed Total Dissolved Solids ND 10.0 4.0 mg/L 09/09/20 18:57

Lab Sample ID: LCS 480-548821/2 Client Sample ID: Lab Control Sample Prep Type: Total/NA

Matrix: Water

Analysis Batch: 548821

١		Spike	LCS	LCS			%Rec.	
	Analyte	Added	Result	Qualifier Un	it D	%Rec	Limits	
Į	Total Dissolved Solids	502	484.0	mg	/L	96	85 - 115	

QC Association Summary

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

Job ID: 480-174828-1

General Chemistry

Analysis Batch: 548818

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-174828-1	EFFLUENT 090820	Total/NA	Wastewater	SM 2540D	
MB 480-548818/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-548818/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 548821

Lab Sample ID 480-174828-1	Client Sample ID EFFLUENT 090820	Prep Type Total/NA	Matrix Wastewater	Method SM2540 C	Prep Batch
MB 480-548821/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-548821/2	Lab Control Sample	Total/NA	Water	SM2540 C	

Lab Chronicle

Client: O'Brien & Gere Inc of North America Job ID: 480-174828-1

Project/Site: Former Accurate Die Cast

Client Sample ID: EFFLUENT 090820

Lab Sample ID: 480-174828-1 Date Collected: 09/08/20 07:15 **Matrix: Wastewater**

Date Received: 09/09/20 08:00

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	548818	09/09/20 18:30	E1T	TAL BUF
Total/NA	Analysis	SM2540 C		1	548821	09/09/20 18:57	E1T	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 Job ID: 480-174828-1

Project/Site: Former Accurate Die Cast

Laboratory: Eurofins TestAmerica, Buffalo

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NFI AP	10026	04-01-21

ID 400 474000 4

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Method Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-174828-1

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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Eurofins TestAmerica, Buffalo

Sample Summary

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

Job ID: 480-174828-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-174828-1	EFFLUENT 090820	Wastewater	09/08/20 07:15	09/09/20 08:00	

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Chain of Custody Record

Eurofins TestAmerica, Buffalo

Amherst, NY 14228-2298

10 Hazelwood Drive

Environment Testing

Seurofins ...

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N - None
O - AsNaO2
P - Na2O4S
Q - Na2SO3
R - Na2SO3
S - H2SO4 Ver. 01/16/2019 U - Acetone V - MCAA W - pH 4-5 Z - other (specify) Special Instructions/Note: かかん Months Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) Carter Not 10 5 E COC No. 480-145324-10586.1 reservation Codes A - HCL
B - NaOH
C - Zn Acetate
D - Nutro Acid
F - NanSO4
F - MeOH
G - Amchlor
H - Ascorbic Acid 300 Page 1 of 1 J - DI Water K - EDTA L - EDA 480-174828 Chain of Custody Archive For Date/Time: 19/20 Total Number of containers lethod of Shipment Disposal By Lab Analysis Requested Special Instructions/QC Requirements Return To Client Lab PM: Schove, John R E-Mail: John.Schove@Eurofinset.com Received by. State Calcd - Total Dissolved Solids (N To set (Yes or No) Sompra A Preservation Code: Matrix Water MAETINKOENNECKY Radiological Type (C=comp, G=grab) 315-1300 Sample 0 Sample Time Unknown Date: TAT Requested (days): Date/Time: -30 Due Date Requested: Sample Date 9-8-90 Project #. 48008584 SSOW#: PO#: WO# Poison B Skin Irritant Deliverable Requested: I, II, III, IV. Other (specify) Custody Seal No. Phone: 716-691-2600 Fax: 716-691-7991 333 West Washington St. PO BOX 4873 315-956-6100(Tel) 315-463-7554(Fax) O'Brien & Gere Inc of North America Non-Hazard Flammable 7-8-8 Possible Hazard Identification 090820 Empty Kit Relinquished by: Custody Seals Intact: A Yes A No Former Accurate Die Cast vuri.veliz@ramboll.com Sample Identification Client Information uished by: Client Contact: Mr. Yuri Veliz East Syracuse State, Zip: NY, 13221 New York Effluent

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America Job Number: 480-174828-1

Login Number: 174828 List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Yeager, Brian A

Creator. Teager, Bridii A		
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	

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: 480-175208-1

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: 9/21/2020 9:11:36 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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Definitions/Glossary

Client: O'Brien & Gere Inc of North America

Project/Site: Former Accurate Die Cast

Job ID: 480-175208-1

Glossarv

RL RPD

TEF

TEQ

TNTC

Glossary	
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)

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

Eurofins TestAmerica, Buffalo

9/21/2020

Case Narrative

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-175208-1

Job ID: 480-175208-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-175208-1

Comments

No additional comments.

Receipt

The samples were received on 9/17/2020 8:00 AM; 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.

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Detection Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-175208-1

Client Sample ID: EFFLUENT 091620 COMP

Lab Sample ID: 480-175208-1

Analyte	Result Qualifier	RL	MDL Unit	Dil Fac D	Method	Prep Type
Total Dissolved Solids	723	10.0	4.0 mg/L		SM2540 C	Total/NA

Client Sample ID: EFFLUENT 091620 Lab Sample ID: 480-175208-2

No Detections.

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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 091620 COMP

Lab Sample ID: 480-175208-1

Matrix: Wastewater

Job ID: 480-175208-1

Date Collected: 09/16/20 07:15 Date Received: 09/17/20 08:00

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	723		10.0	4.0	mg/L			09/17/20 17:57	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			09/17/20 18:03	1

Client Sample ID: EFFLUENT 091620

Lab Sample ID: 480-175208-2 Date Collected: 09/16/20 07:15 **Matrix: Water**

Date Received: 09/17/20 08:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/19/20 01:26	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/19/20 01:26	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/19/20 01:26	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/19/20 01:26	1
Toluene	ND		1.0	0.51	ug/L			09/19/20 01:26	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/19/20 01:26	1
Trichloroethene	ND		1.0	0.46	ug/L			09/19/20 01:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		77 - 120			-		09/19/20 01:26	1
4-Bromofluorobenzene (Surr)	104		73 - 120					09/19/20 01:26	1
Toluene-d8 (Surr)	100		80 - 120					09/19/20 01:26	1
Dibromofluoromethane (Surr)	108		75 - 123					09/19/20 01:26	1

Surrogate Summary

Client: O'Brien & Gere Inc of North America

Project/Site: Former Accurate Die Cast

Job ID: 480-175208-1

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)
480-175208-2	EFFLUENT 091620	106	104	100	108
LCS 480-550193/5	Lab Control Sample	94	103	99	99
MB 480-550193/7	Method Blank	103	102	99	105
Surrogate Legend					
DCA = 1,2-Dichloroeth	ane-d4 (Surr)				

BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

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Job ID: 480-175208-1

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 480-550193/7

Matrix: Water

Analysis Batch: 550193

	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			09/18/20 21:36	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/18/20 21:36	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/18/20 21:36	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/18/20 21:36	1
Toluene	ND		1.0	0.51	ug/L			09/18/20 21:36	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/18/20 21:36	1
Trichloroethene	ND		1.0	0.46	ug/L			09/18/20 21:36	1

MB MB

Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120	_		09/18/20 21:36	1
4-Bromofluorobenzene (Surr)	102		73 - 120			09/18/20 21:36	1
Toluene-d8 (Surr)	99		80 - 120			09/18/20 21:36	1
Dibromofluoromethane (Surr)	105		75 - 123			09/18/20 21:36	1

Lab Sample ID: LCS 480-550193/5

Matrix: Water

Analysis Batch: 550193

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

Spike LCS LCS %Rec. Result Qualifier Added %Rec Limits Analyte Unit 22.8 91 1,1,2,2-Tetrachloroethane 25.0 ug/L 76 - 120 cis-1,2-Dichloroethene 25.0 22.9 ug/L 91 74 - 124 75 - 124 Methylene Chloride 25.0 26.0 ug/L 104 Tetrachloroethene 25.0 25.0 100 74 - 122 ug/L Toluene 25.0 23.6 ug/L 94 80 - 122 trans-1,2-Dichloroethene 25.0 24.9 100 73 - 127 ug/L Trichloroethene 25.0 74 - 123 23.1 ug/L 93

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	94		77 - 120
4-Bromofluorobenzene (Surr)	103		73 - 120
Toluene-d8 (Surr)	99		80 - 120
Dibromofluoromethane (Surr)	99		75 - 123

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

Lab Sample ID: MB 480-550059/1

Matrix: Water

Analysis Batch: 550059

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

Prep Type: Total/NA

мв мв

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		1.0	1.0	mg/L			09/17/20 18:03	1

Lab Sample ID: LCS 480-550059/2

Matrix: Water

Analysis Batch: 550059

Analysis Dateil. 330033								
	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Total Suspended Solids	 407	406.4		mg/L		100	88 - 110	

Eurofins TestAmerica, Buffalo

Client Sample ID: Lab Control Sample

Page 8 of 16

QC Sample Results

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

MB MB

Job ID: 480-175208-1

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-550058/1 Client Sample ID: Method Blank

Matrix: Water Prep Type: Total/NA

Analysis Batch: 550058

Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND	10.0	4.0 mg/L			09/17/20 17:57	1

Lab Sample ID: LCS 480-550058/2 **Client Sample ID: Lab Control Sample**

Matrix: Water Prep Type: Total/NA

Analysis Batch: 550058

Spike LCS LCS %Rec. Added Result Qualifier Limits Analyte Unit D %Rec **Total Dissolved Solids** 502 497.0 mg/L 99 85 - 115

QC Association Summary

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

Job ID: 480-175208-1

GC/MS VOA

Analysis Batch: 550193

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-175208-2	EFFLUENT 091620	Total/NA	Water	8260C	
MB 480-550193/7	Method Blank	Total/NA	Water	8260C	
LCS 480-550193/5	Lab Control Sample	Total/NA	Water	8260C	
_					

General Chemistry

Analysis Batch: 550058

Lab Sample ID 480-175208-1	Client Sample ID EFFLUENT 091620 COMP	Prep Type Total/NA	Matrix Wastewater	Method SM2540 C	Prep Batch
MB 480-550058/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-550058/2	Lab Control Sample	Total/NA	Water	SM2540 C	

Analysis Batch: 550059

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-175208-1	EFFLUENT 091620 COMP	Total/NA	Wastewater	SM 2540D	
MB 480-550059/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-550059/2	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 091620 COMP

Lab Sample ID: 480-175208-1 Date Collected: 09/16/20 07:15 **Matrix: Wastewater**

Date Received: 09/17/20 08:00

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	550059	09/17/20 18:03	T1S	TAL BUF
Total/NA	Analysis	SM2540 C		1	550058	09/17/20 17:57	E1T	TAL BUF

Client Sample ID: EFFLUENT 091620

Lab Sample ID: 480-175208-2 Date Collected: 09/16/20 07:15 **Matrix: Water**

Date Received: 09/17/20 08:00

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	550193	09/19/20 01:26	AMM	TAL BUF

Laboratory References:

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

Job ID: 480-175208-1

Accreditation/Certification Summary

Client: O'Brien & Gere Inc of North America Job ID: 480-175208-1

Project/Site: Former Accurate Die Cast

Laboratory: Eurofins TestAmerica, Buffalo

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-01-21

ID 400 475000 4

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Method Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-175208-1

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: 480-175208-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset
480-175208-1	EFFLUENT 091620 COMP	Wastewater	09/16/20 07:15	09/17/20 08:00	
480-175208-2	EFFLUENT 091620	Water	09/16/20 07:15	09/17/20 08:00	

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Phone: 716-691-2600 Fax: 716-691-7991		×						0.100.0	*	
lient Information	Samplement	X	Soenneck	C Giacol	Lab PM. Giacomazza, Joe V	> e <		Contraction of	5	COC No: 480-145306-10587.1
Client Contact: Mr. Yuri Veliz	Phone 315-73	39			acomazza	E-Mail: joe.glacomazza@testamericainc.com	cainc.com	#225	Page: Page 1 of 1	1 of 1
Company: O'Brien & Gere Inc of North America							Analysis Re	Requested	Job #	
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:								Presen	
Griy. East Syracuse State, Zip.	TAT Requested (days):	:(6							B-NaC C-Zn A D-Nitri	A - HCL M - Hexane B - NaCH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S
	# Od								F- Nah	
315-956-6100(Tel) 315-463-7554(Fax)	12000090 WO#				(on				H-Asc	
yuri.veliz@ramboll.com					(oN					A A
Project Name: Former Accurate Die Cast	Project #: 48008584				JO 58					(specify)
Site: New York	SSOW#:				A) ası			480-175208 Chain of Custodia	1 of Custodic	
Sample Identification	Sample Date	Sample	Sample Type (C=comp,	Watrix (W-water, S-solid, O-waste/oll,	ield Filtered MSM myore MS IstoT - Total Si	Se40C_Calcd - 7				Special Instructions Note:
ample reconstruction	X	X	- 00	on Code:	X	-				
Effluent 091620	8-11-6	51:4	J	Water		1			8	
ERTURT 09/1620	9-16-30	5:15	9	wood		m			n	
200										
9.16.20										
									1	
	/									
Possible Hazard Identification Non-Hazard Elammable Skin Irrilant	Deison B Unknown		Radiological		Samp	le Disposal (A 1	I (A fee may t	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	re retained long	iger than 1 month)
ssted: I, II, III, IV, Other					Speci	al Instructio	Special Instructions/QC Requirements	ments:		
Empty Kit Relinquished by:		Date: /			Time:			Method of Shipment.		
Relinquished by the Keywelli. Relinquished by.	Date/Time:	6/6	5h:	Company	20	Received by.	11/1/11	Date/Time:	0 102-7	945 Company
Relinquished by:	P-10-20	1	00.	Company	4	Received by:	14	Date/Time.	130	Company
Custody Seals Intact: Custody Seal No.:					ŏ	ooler Tempera	Cooler Temperature(s) C and Other Remarks	1	1	

Seurofins Environment Testing

Eurofins TestAmerica, Buffalo

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America Job Number: 480-175208-1

Login Number: 175208 List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Yeager, Brian A

erouterr rouger, erium,		
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 he COC.	True	
Samples 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.	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: 480-175673-1

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

The

Authorized for release by: 9/30/2020 8:38:01 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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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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Definitions/Glossary

Client: O'Brien & Gere Inc of North America

Job ID: 480-175673-1

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

C.CCCa.,	
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

Eurofins TestAmerica, Buffalo

9/30/2020

Case Narrative

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-175673-1

Job ID: 480-175673-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-175673-1

Comments

No additional comments.

Receipt

The sample was received on 9/26/2020 8:00 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: 480-175673-1

Client Sample ID: EFFLUENT 092520

ab Sample ID: 480-175673-1

Analyte	Result Qualifier	RL	MDL Unit	Dil Fac D	Method	Prep Type
Total Dissolved Solids	756	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

Client Sample ID: EFFLUENT 092520

Lab Sample ID: 480-175673-1

o campic ib. 400 170070 1

Matrix: Wastewater

Job ID: 480-175673-1

Date Collected: 09/25/20 07:10 Date Received: 09/26/20 08:00

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	756		10.0	4.0	mg/L			09/28/20 15:39	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L	 _		09/28/20 15:43	1

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Job ID: 480-175673-1

Prep Type: Total/NA

Client: O'Brien & Gere Inc of North America

Project/Site: Former Accurate Die Cast

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

Lab Sample ID: MB 480-551549/1 Client Sample ID: Method Blank

Matrix: Water Analysis Batch: 551549

MB MB Analyte Result Qualifier RL RL Unit D Prepared Analyzed

Dil Fac Total Suspended Solids ND 1.0 1.0 mg/L 09/28/20 15:43

Lab Sample ID: LCS 480-551549/2 Client Sample ID: Lab Control Sample **Matrix: Water** Prep Type: Total/NA

Analysis Batch: 551549

Spike LCS LCS %Rec. Analyte Added Result Qualifier Unit D %Rec Limits **Total Suspended Solids** 267 257.2 mg/L 96 88 - 110

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-551547/1 Client Sample ID: Method Blank

Matrix: Water Prep Type: Total/NA Analysis Batch: 551547

MB MB

Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Dil Fac Total Dissolved Solids ND 10.0 4.0 mg/L 09/28/20 15:39

Lab Sample ID: LCS 480-551547/2 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Water Analysis Batch: 551547

Spike

LCS LCS %Rec. Analyte Added Qualifier Unit %Rec Limits Result Total Dissolved Solids 502 490.0 85 - 115 mg/L

Lab Sample ID: 480-175673-1 DU Client Sample ID: EFFLUENT 092520 Prep Type: Total/NA

Matrix: Wastewater Analysis Batch: 551547

Sample Sample DU DU RPD Analyte Result Qualifier Result Qualifier Unit Limit Total Dissolved Solids 756 740.0 10 mg/L

9/30/2020

QC Association Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-175673-1

General Chemistry

Analysis Batch: 551547

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-175673-1	EFFLUENT 092520	Total/NA	Wastewater	SM2540 C	
MB 480-551547/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-551547/2	Lab Control Sample	Total/NA	Water	SM2540 C	
480-175673-1 DU	EFFLUENT 092520	Total/NA	Wastewater	SM2540 C	

Analysis Batch: 551549

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-175673-1	EFFLUENT 092520	Total/NA	Wastewater	SM 2540D	
MB 480-551549/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-551549/2	Lab Control Sample	Total/NA	Water	SM 2540D	

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Lab Chronicle

Client: O'Brien & Gere Inc of North America

Job ID: 480-175673-1 Project/Site: Former Accurate Die Cast

Client Sample ID: EFFLUENT 092520

Lab Sample ID: 480-175673-1 Date Collected: 09/25/20 07:10

Matrix: Wastewater

Date Received: 09/26/20 08:00

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	551549	09/28/20 15:43	E1T	TAL BUF
Total/NA	Analysis	SM2540 C		1	551547	09/28/20 15:39	E1T	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 Job ID: 480-175673-1

Project/Site: Former Accurate Die Cast

Laboratory: Eurofins TestAmerica, Buffalo

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-01-21

Method Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-175673-1

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: 480-175673-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-175673-1	EFFLUENT 092520	Wastewater	09/25/20 07:10	09/26/20 08:00	

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eurofins Environment Testing America

Eurofins TestAmerica, Buffalo

Amherst, NY 14228-2293 Phone: 716-691-2600 Fax: 716-691-7991	- 1				Company	America
Client Information	Sampler MAKIN K	centred	Lab PM: Giacomazza,	za, Joe V	Course annual funds	COC No. 480-145325-10586.1
Client Contact: Mr. Yuri Veliz	18	1300	E-Mail: joe.giacom	E-Mail: joe.giacomazza@testamericainc.com	#225	Page: Page 1 of 1
Company: O'Brien & Gere Inc of North America				(0)	Requested	Job#
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:					Š
City. East Syracuse	TAT Requested (days):					A - HCL M - Hexane B - NaOH N - None C - Zh Acetate O - AsNaO2
State, Zip. NY, 13221						
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO#: 12000090		(0	sp		P
Emali: yuri.veliz@ramboll.com	WO#:			spii		1 - Ice J - Di Water
Project Name: Former Accurate Die Cast	Project #. 48008584			los ba	aniete	L-EDA
Site: New York	SSOW#.			puedsr		Other:
Sample Identification	Sample Date Time	Sample Type (C=comp, G=orab)	Matrix (www.ater, 8=solid, O-wasterla, O-wasterla, A-ray, arritem A-akr)	Se40C_Calcd - '	sedmid Intel	Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z
		- m	X	z		
Effluent 093520	9-35-30 7:10	V	Water) 7		
Res						
9.27.20						
/		1	1		460-175673 Chain of Custody	
			ı			
	/					
Possible Hazard Identification	Doison B [[Inknown] Radiological		Sample Disposal (A fee may	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	tained longer than 1 month) Archive For
Other (specify)			0,	Special Instructions/QC Requirements		
Empty Kit Relinquished by:	Date:	1	Time:	e;	Method of Shipment:	
Relinquistratory of Himbu	1-20	9:00:6	Company	Received M. C. M. 4.	14 Date/Time:	20, 0900 company
Relinquished by: \(\int \int \int \int \int \int \int \int	25/	600	Company	Received by:	Date/Time;	6/20 DBOOTH
Custody Seals Intact: Custody Seal No.:				Cooler Temperature(s) °C and Other Remarks	ner Remarks #	2.8
Δ 155 Δ NO						Ver. 01/16/2019

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America Job Number: 480-175673-1

Login Number: 175673 List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Yeager, Brian A

erouterr rouger, erium,		
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	
/OA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
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: 480-175780-1

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

Zy-

Authorized for release by: 10/5/2020 1:07:09 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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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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Definitions/Glossary

Client: O'Brien & Gere Inc of North America

Job ID: 480-175780-1

Project/Site: Former Accurate Die Cast

Glossary

RER

RL

RPD

TEF

TEQ

TNTC

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

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

Eurofins TestAmerica, Buffalo

10/5/2020

Case Narrative

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-175780-1

Job ID: 480-175780-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-175780-1

Comments

No additional comments.

Receipt

The sample was received on 9/30/2020 8:00 AM; the sample arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.4° 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: 480-175780-1

Client Sample ID: EFFLUENT 092920

Lab Sample ID: 480-175780-1

Analyte	Result Qualifier	RL	MDL Unit	Dil Fac D	Method	Prep Type
Total Dissolved Solids	713	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: 480-175780-1

Matrix: Wastewater

Job ID: 480-175780-1

Client Sample ID: EFFLUENT 092920

Date Collected: 09/29/20 07:00 Date Received: 09/30/20 08:00

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	713		10.0	4.0	mg/L			09/30/20 16:29	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			09/30/20 16:54	1

Job ID: 480-175780-1

Client: O'Brien & Gere Inc of North America

Project/Site: Former Accurate Die Cast

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

Lab Sample ID: MB 480-551940/1 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 551940

	MB	MB							
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		1.0	1.0	mg/L			09/30/20 16:54	1

Lab Sample ID: LCS 480-551940/2 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Water

Analysis Batch: 551940

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Total Suspended Solids	 271	258.0		mg/L		95	88 - 110	

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-551932/1 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 551932

MB MB Analyte Result Qualifier RLMDL Unit Prepared Analyzed Dil Fac Total Dissolved Solids ND 10.0 4.0 mg/L 09/30/20 16:29

Lab Sample ID: LCS 480-551932/2 **Client Sample ID: Lab Control Sample**

Matrix: Water

Analysis Batch: 551932

		Spike	LCS	LCS				%Rec.	
Analyte		Added	Result	Qualifier	Unit	D	%Rec	Limits	
Total Dissolved Solids	 	502	493.0		mg/L		98	85 - 115	

Lab Sample ID: 480-175780-1 DU Client Sample ID: EFFLUENT 092920 Prep Type: Total/NA

Matrix: Wastewater Analysis Batch: 551932

Sample Sample DU DU RPD Result Qualifier Result Qualifier Limit Unit Total Dissolved Solids 713 722.0 10 mg/L

Prep Type: Total/NA

QC Association Summary

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

Job ID: 480-175780-1

General Chemistry

Analysis Batch: 551932

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method Prep Batch
480-175780-1	EFFLUENT 092920	Total/NA	Wastewater	SM2540 C
MB 480-551932/1	Method Blank	Total/NA	Water	SM2540 C
LCS 480-551932/2	Lab Control Sample	Total/NA	Water	SM2540 C
480-175780-1 DU	EFFLUENT 092920	Total/NA	Wastewater	SM2540 C

Analysis Batch: 551940

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-175780-1	EFFLUENT 092920	Total/NA	Wastewater	SM 2540D	
MB 480-551940/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-551940/2	Lab Control Sample	Total/NA	Water	SM 2540D	

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Lab Chronicle

Client: O'Brien & Gere Inc of North America Job ID: 480-175780-1

Project/Site: Former Accurate Die Cast

Client Sample ID: EFFLUENT 092920

Lab Sample ID: 480-175780-1 Date Collected: 09/29/20 07:00 **Matrix: Wastewater**

Date Received: 09/30/20 08:00

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	551940	09/30/20 16:54	E1T	TAL BUF
Total/NA	Analysis	SM2540 C		1	551932	09/30/20 16:29	E1T	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 Job ID: 480-175780-1

Project/Site: Former Accurate Die Cast

The accreditations/certifications listed below are applicable to this report.

Laboratory: Eurofins TestAmerica, Buffalo

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-01-21

Method Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-175780-1

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: 480-175780-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-175780-1	EFFLUENT 092920	Wastewater	09/29/20 07:00	09/30/20 08:00	

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Chain of Custody Record

Eurofins TestAmerica, Buffalo

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

Amherst, NY 14228-2298

10 Hazelwood Drive

Environment Testing America

🔆 eurofins

N - None
O - Asha02
P - Na204S
G - Na2503
R - Na25203
R - Na25203
F - TSP Dodecarydrat
U - Acetone
U - Acetone
W - MCAA Ver. 01/16/2019 Special Instructions/Note: Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return To Client

Disposal By Lab

Mon りて COVEREUSE COC NO. Preservation Codes F - MeOH G - Amchlor H - Ascorbic Acid C - Zn Acetate D - Nitric Acid E - NaHSO4 J - Di Water K - EDTA L - EDA 480-175780 Chain of Custody Page 1 of 1 Total Number of containers 06 #225 Method of Shipment: Analysis Requested Cooler Temperature(s) °C and Other Remarks: Special Instructions/QC Requirements joe.giacomazza@testamericainc.com Lab PM: Giacomazza, Joe V E-Mail: S240C Calcd - Total Dissolved Solids Time: BT=Tissue, A=Air Preservation Code: Water Matrix Radiological MARTIN KERNECK Type (C=comp, 8.3 G=grab) Sample 30 Thore 315-739-1300 7:00 Sample Time Unknown Date: Date/Time: (days) Due Date Requested: 9-39-20 Sample Date PO#: Project #: 48008584 SSOW#: Poison B WO# 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) Flammable O'Brien & Gere Inc of North America Possible Hazard Identification 093930 Empty Kit Relinquished by: Custody Seals Intact:

A Yes A No Former Accurate Die Cast vuri.veliz@ramboll.com Client Information Sample Identification Non-Hazard City: East Syracuse quished by. inquished by Client Contact
Mr. Yuri Veliz State, Zip: NY, 13221 New York Effluent

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America Job Number: 480-175780-1

Login Number: 175780 List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Yeager, Brian A

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					
/OA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A					
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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