



Mr. Michael Belveg

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

Date November 18, 2021

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

Dear Mr. Belveg:

This letter presents the status of groundwater treatment plant operations for the former Accurate Die Casting site (Site No. 734052) in Fayetteville, New York for the third quarter of 2021 (July 1 through September 30, 2021). This information is provided as required by the Order on Consent (#A7-0318-94-10). Included are the results of the monitoring activities associated with the SPDES Fact Sheet for the groundwater treatment system.

Operation Status and Activities Completed

As of September 30, 2021, a total of 127,622,546 gallons of groundwater have been treated since startup on February 5, 1996. From July 1 to September 30, 2021, 1,067,534 gallons of groundwater were treated: 204,400 gallons from recovery well RW-1; 862,995 gallons from recovery well RW-2; and 139 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.

On August 12, 2021, the bag filter housings and bag filters in the treatment shed were replaced with new filter housings and filter bags.

The analytical results associated with the SPDES Fact Sheet monitoring activities performed during July, August, and September 2021 are summarized in **Table 1**. The effluent quality during the period was in compliance with the SPDES discharge limits. The laboratory analytical data sheets are provided as **Attachment A**.

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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

Dougles M. Crawfol.
Douglas M. Crawford, PE

Vice President

ENVIRONMENT & HEALTH, AMERICAS

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

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



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

		Monitoring Re	quirements														
	Discharge	Discharge	Minimum														
Analyte (units)	Limitation	Limitation	Measurement	Sample	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent
	Daily Average	Daily Maximun	n Frequency (1)	Туре	7/7/2021	7/13/2021	7/16/2021	7/19/2021	7/21/2021	7/23/2021	7/26/2021	7/30/2021	8/2/2021	8/5/2021	8/6/2021	8/9/2021	8/11/2021
low (GPD)	Monitor	150000	Continuous	Meter			9928	10869	11408	11335	11517	11469	11342	11247	11318	11078	11044
oH (SU)	6.5-8.5		2/Week	Grab			7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.6	7.5	7.6	7.5
Residue, non-filterable (mg/L)	Monitor	20	Weekly	3-hr comp.	4.0 U	4.0 U		4.0 U			4.0 U		4.0 U				4.0 U
otal dissolved solids (TDS) (mg/L)	Monitor	Monitor	Weekly	3-hr comp.	744	1350		666			710		732				654
Mercury, total (mg/L)	Monitor	0.0008	Quarterly	3-hr comp.													
Zinc, total (mg/L)	Monitor	0.3	Quarterly	3-hr comp.													
is-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab	1.8			1.0 U					1.0 U				
rans-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab	1.0 U			1.0 U					1.0 U				
Methylene chloride (ug/L)	Monitor	20	2/Month	Grab	1.0 U			1.0 U					1.0 U				
,1,2,2-Tetrachloroethane (ug/L)	Monitor	10	2/Month	Grab	1.0 U			1.0 U					1.0 U				
etrachloroethene (ug/L)	Monitor	10	2/Month	Grab	1.0 U			1.0 U					1.0 U				
oluene (ug/L)	Monitor	20	2/Month	Grab	1.0 U			1.0 U					1.0 U				
richloroethene (ug/L)	Monitor	10	2/Month	Grab	1.0 U			1.0 U					1.0 U				
							N										
							Notes:										



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

	Monitoring Requirements																
	Discharge	Discharge	Minimum														
Analyte (units)	Limitation	Limitation	Measurement	Sample	Effluent	Effluent	Effluent										
	Daily Average	Daily Maximur	m Frequency (1)	Туре	8/12/2021	8/13/2021	8/16/2021	8/18/2021	8/19/2021	8/20/2021	8/23/2021	8/26/2021	8/27/2021	8/31/2021	9/7/2021	9/9/2021	9/10/2021
Flow (GPD)	Monitor	150000	Continuous	Meter	10907	9819	10834	10706	11072	11509	12067	12310	12366	12330	12283	12200	12196
pH (SU)	6.5-8.5		2/Week	Grab	7.6	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.6	7.5	7.5	7.5	7.5
Residue, non-filterable (mg/L)	Monitor	20	Weekly	3-hr comp.			4.0 U				4.4			4.0 U	4.0		
Total dissolved solids (TDS) (mg/L)	Monitor	Monitor	Weekly	3-hr comp.			734				620			710	607		
Mercury, total (mg/L)	Monitor	0.0008	Quarterly	3-hr comp.											0.00020 U		
Zinc, total (mg/L)	Monitor	0.3	Quarterly	3-hr comp.											0.010 U		
cis-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab			1.0 U								1.0 U		
trans-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab			1.0 U								1.0 U		
Methylene chloride (ug/L)	Monitor	20	2/Month	Grab			1.0 U								1.0 U		
1,1,2,2-Tetrachloroethane (ug/L)	Monitor	10	2/Month	Grab			1.0 U								1.0 U		
Tetrachloroethene (ug/L)	Monitor	10	2/Month	Grab			1.0 U								1.0 U		
Toluene (ug/L)	Monitor	20	2/Month	Grab			1.0 U								1.0 U		
Trichloroethene (ug/L)	Monitor	10	2/Month	Grab			1.0 U								1.0 U		
						Notes:											

U - Not Detected, J - Estimated (1) Minimum monitoring requirements based on SPEDES permit modified November, 21, 1997.



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

		Monitoring Re	quirements						
	Discharge	Discharge	Minimum						
Analyte (units)	Limitation	Limitation	Measurement	Sample	Effluent	Effluent	Effluent	Effluent	Effluent
	Daily Average	Daily Maximum	Frequency (1)	Туре	9/14/2021	9/16/2021	9/24/2021	9/28/2021	9/30/2021
Flow (GPD)	Monitor	150000	Continuous	Meter	12128	12162	12107	12050	11602
pH (SU)	6.5-8.5		2/Week	Grab	7.5	7.5	7.6	7.6	7.5
Residue, non-filterable (mg/L)	Monitor	20	Weekly	3-hr comp.	14.4		4.0 U	4.0 U	
Total dissolved solids (TDS) (mg/L)	Monitor	Monitor	Weekly	3-hr comp.	685		645	566	
Mercury, total (mg/L)	Monitor	0.0008	Quarterly	3-hr comp.					
Zinc, total (mg/L)	Monitor	0.3	Quarterly	3-hr comp.					
Zine, total (mg/L)	Wormen	0.3	Quarterry	o nii comp.					
cis-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab			1.0 U		
trans-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab			1.0 U		
Methylene chloride (ug/L)	Monitor	20	2/Month	Grab			1.0 U		
1,1,2,2-Tetrachloroethane (ug/L)	Monitor	10	2/Month	Grab			1.0 U		
Tetrachloroethene (ug/L)	Monitor	10	2/Month	Grab			1.0 U		
Toluene (ug/L)	Monitor	20	2/Month	Grab			1.0 U		
Trichloroethene (ug/L)	Monitor	10	2/Month	Grab			1.0 U		
					Notes:				

U - Not Detected, J - Estimated
(1) Minimum monitoring requirements based on SPEDES permit modified November, 21, 19



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 480-186912-1

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: 7/16/2021 11:43:01 AM
Rebecca Jones, Project Management Assistant I
Rebecca.Jones@Eurofinset.com

Designee for

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

joe.giacomazza@testamericainc.com

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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: 480-186912-1

Glossary

RL

RPD

TEF

TEQ

TNTC

Reporting Limit or Requested Limit (Radiochemistry)

Toxicity Equivalent Factor (Dioxin)

Too Numerous To Count

Toxicity Equivalent Quotient (Dioxin)

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

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)

Eurofins TestAmerica, Buffalo

7/16/2021

Case Narrative

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-186912-1

Job ID: 480-186912-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-186912-1

Comments

No additional comments.

Receipt

The samples were received on 7/8/2021 8:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 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: 480-186912-1

Client Sample ID: EFFLUE	NT - COMP 07	0721				Lal	o S	Sample ID:	480-186912-1
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	744		10.0	4.0	mg/L	1	_	SM2540 C	Total/NA
Client Sample ID: BETWE	EN CARBON 0	70721				Lal	o S	Sample ID:	480-186912-2
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.8		1.0	0.81	ug/L	1	_	8260C	Total/NA
Client Sample ID: EFFLUE	NT- GRAB 070	721				Lal	b S	Sample ID:	480-186912-3
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.8		1.0	0.81	ug/L	1		8260C	Total/NA

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

Lab Sample ID: 480-186912-1

Matrix: Water

Job ID: 480-186912-1

Client Sample ID: EFFLUENT - COMP 070721

Date Collected: 07/07/21 11:30 Date Received: 07/08/21 08:00

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	744		10.0	4.0	mg/L			07/08/21 11:49	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			07/09/21 12:02	1

Client Sample ID: BETWEEN CARBON 070721

Lab Sample ID: 480-186912-2 Date Collected: 07/07/21 11:30

Matrix: Water Date Received: 07/08/21 08:00

Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND —	1.0	0.82	ug/L			07/08/21 17:04	1
1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/L			07/08/21 17:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	0.31	ug/L			07/08/21 17:04	1
1,1,2-Trichloroethane	ND	1.0	0.23	ug/L			07/08/21 17:04	1
1,1-Dichloroethane	ND	1.0	0.38	ug/L			07/08/21 17:04	1
1,1-Dichloroethene	ND	1.0	0.29	ug/L			07/08/21 17:04	1
1,2,4-Trichlorobenzene	ND	1.0	0.41	ug/L			07/08/21 17:04	1
1,2-Dibromo-3-Chloropropane	ND	1.0	0.39	ug/L			07/08/21 17:04	1
1,2-Dibromoethane	ND	1.0	0.73	ug/L			07/08/21 17:04	1
1,2-Dichlorobenzene	ND	1.0	0.79	ug/L			07/08/21 17:04	1
1,2-Dichloroethane	ND	1.0	0.21	ug/L			07/08/21 17:04	1
1,2-Dichloropropane	ND	1.0	0.72	ug/L			07/08/21 17:04	1
1,3-Dichlorobenzene	ND	1.0		ug/L			07/08/21 17:04	1
1,4-Dichlorobenzene	ND	1.0	0.84	ug/L			07/08/21 17:04	1
2-Butanone (MEK)	ND	10	1.3	ug/L			07/08/21 17:04	1
2-Hexanone	ND	5.0	1.2	ug/L			07/08/21 17:04	1
4-Methyl-2-pentanone (MIBK)	ND	5.0	2.1	ug/L			07/08/21 17:04	1
Acetone	ND	10	3.0	ug/L			07/08/21 17:04	1
Benzene	ND	1.0	0.41	ug/L			07/08/21 17:04	1
Bromodichloromethane	ND	1.0	0.39	ug/L			07/08/21 17:04	1
Bromoform	ND	1.0	0.26	ug/L			07/08/21 17:04	1
Bromomethane	ND	1.0	0.69	ug/L			07/08/21 17:04	1
Carbon disulfide	ND	1.0	0.19	ug/L			07/08/21 17:04	1
Carbon tetrachloride	ND	1.0	0.27	ug/L			07/08/21 17:04	1
Chlorobenzene	ND	1.0	0.75	ug/L			07/08/21 17:04	1
Chloroethane	ND	1.0		ug/L			07/08/21 17:04	1
Chloroform	ND	1.0		ug/L			07/08/21 17:04	1
Chloromethane	ND	1.0		ug/L			07/08/21 17:04	1
cis-1,2-Dichloroethene	1.8	1.0	0.81	ug/L			07/08/21 17:04	1
cis-1,3-Dichloropropene	ND	1.0		ug/L			07/08/21 17:04	1
Cyclohexane	ND	1.0		ug/L			07/08/21 17:04	1
Dibromochloromethane	ND	1.0		ug/L			07/08/21 17:04	1
Dichlorodifluoromethane	ND	1.0		ug/L			07/08/21 17:04	1
Ethylbenzene	ND	1.0		ug/L			07/08/21 17:04	1
Isopropylbenzene	ND	1.0		ug/L			07/08/21 17:04	1
Methyl acetate	ND	2.5		ug/L			07/08/21 17:04	1
Methyl tert-butyl ether	ND	1.0		ug/L			07/08/21 17:04	1
Methylcyclohexane	ND	1.0		ug/L			07/08/21 17:04	1
Methylene Chloride	ND	1.0		ug/L			07/08/21 17:04	1
Styrene	ND	1.0		ug/L			07/08/21 17:04	· 1

Eurofins TestAmerica, Buffalo

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

Lab Sample ID: 480-186912-2

Matrix: Water

Job ID: 480-186912-1

Client Sample ID: BETWEEN CARBON 070721

Date Collected: 07/07/21 11:30 Date Received: 07/08/21 08:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	MD		1.0	0.36	ug/L			07/08/21 17:04	1
Toluene	ND		1.0	0.51	ug/L			07/08/21 17:04	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/08/21 17:04	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/08/21 17:04	1
Trichloroethene	ND		1.0	0.46	ug/L			07/08/21 17:04	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/08/21 17:04	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/08/21 17:04	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/08/21 17:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		77 - 120			-		07/08/21 17:04	1
4-Bromofluorobenzene (Surr)	94		73 - 120					07/08/21 17:04	1
Dibromofluoromethane (Surr)	103		75 ₋ 123					07/08/21 17:04	1

80 - 120

Client Sample ID: EFFLUENT- GRAB 070721

Date Collected: 07/07/21 11:30 Date Received: 07/08/21 08:00

Toluene-d8 (Surr)

Lab Sample ID: 480-186912-3

07/08/21 17:04

Matrix: Water

Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND —	1.0	0.82	ug/L			07/08/21 16:42	1
1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/L			07/08/21 16:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	0.31	ug/L			07/08/21 16:42	1
1,1,2-Trichloroethane	ND	1.0	0.23	ug/L			07/08/21 16:42	1
1,1-Dichloroethane	ND	1.0	0.38	ug/L			07/08/21 16:42	1
1,1-Dichloroethene	ND	1.0	0.29	ug/L			07/08/21 16:42	1
1,2,4-Trichlorobenzene	ND	1.0	0.41	ug/L			07/08/21 16:42	1
1,2-Dibromo-3-Chloropropane	ND	1.0	0.39	ug/L			07/08/21 16:42	1
1,2-Dibromoethane	ND	1.0	0.73	ug/L			07/08/21 16:42	1
1,2-Dichlorobenzene	ND	1.0	0.79	ug/L			07/08/21 16:42	1
1,2-Dichloroethane	ND	1.0	0.21	ug/L			07/08/21 16:42	1
1,2-Dichloropropane	ND	1.0	0.72	ug/L			07/08/21 16:42	1
1,3-Dichlorobenzene	ND	1.0	0.78	ug/L			07/08/21 16:42	1
1,4-Dichlorobenzene	ND	1.0	0.84	ug/L			07/08/21 16:42	1
2-Butanone (MEK)	ND	10	1.3	ug/L			07/08/21 16:42	1
2-Hexanone	ND	5.0	1.2	ug/L			07/08/21 16:42	1
4-Methyl-2-pentanone (MIBK)	ND	5.0	2.1	ug/L			07/08/21 16:42	1
Acetone	ND	10	3.0	ug/L			07/08/21 16:42	1
Benzene	ND	1.0	0.41	ug/L			07/08/21 16:42	1
Bromodichloromethane	ND	1.0	0.39	ug/L			07/08/21 16:42	1
Bromoform	ND	1.0	0.26	ug/L			07/08/21 16:42	1
Bromomethane	ND	1.0	0.69	ug/L			07/08/21 16:42	1
Carbon disulfide	ND	1.0	0.19	ug/L			07/08/21 16:42	1
Carbon tetrachloride	ND	1.0	0.27	ug/L			07/08/21 16:42	1
Chlorobenzene	ND	1.0	0.75	ug/L			07/08/21 16:42	1
Chloroethane	ND	1.0	0.32	ug/L			07/08/21 16:42	1
Chloroform	ND	1.0	0.34	ug/L			07/08/21 16:42	1
Chloromethane	ND	1.0	0.35	ug/L			07/08/21 16:42	1
cis-1,2-Dichloroethene	1.8	1.0	0.81	ug/L			07/08/21 16:42	1

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

Lab Sample ID: 480-186912-3

Client Sample ID: EFFLUENT- GRAB 070721

Date Collected: 07/07/21 11:30 Date Received: 07/08/21 08:00

•	Matrix:	Water

Job ID: 480-186912-1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	MD		1.0	0.36	ug/L			07/08/21 16:42	1
Cyclohexane	ND		1.0	0.18	ug/L			07/08/21 16:42	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/08/21 16:42	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/08/21 16:42	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/08/21 16:42	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/08/21 16:42	1
Methyl acetate	ND		2.5	1.3	ug/L			07/08/21 16:42	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/08/21 16:42	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/08/21 16:42	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/08/21 16:42	1
Styrene	ND		1.0	0.73	ug/L			07/08/21 16:42	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/08/21 16:42	1
Toluene	ND		1.0	0.51	ug/L			07/08/21 16:42	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/08/21 16:42	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/08/21 16:42	1
Trichloroethene	ND		1.0	0.46	ug/L			07/08/21 16:42	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/08/21 16:42	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/08/21 16:42	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/08/21 16:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		77 - 120			_		07/08/21 16:42	1
4-Bromofluorobenzene (Surr)	91		73 - 120					07/08/21 16:42	1
Dibromofluoromethane (Surr)	101		75 - 123					07/08/21 16:42	1
Toluene-d8 (Surr)	92		80 - 120					07/08/21 16:42	1

Surrogate Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-186912-1

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

Matrix: Water Prep Type: Total/NA

				Percent Sur	rogate Rec
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(75-123)	(80-120)
480-186912-2	BETWEEN CARBON 070721	100	94	103	96
480-186912-3	EFFLUENT- GRAB 070721	100	91	101	92
LCS 480-588367/5	Lab Control Sample	94	95	99	96
MB 480-588367/7	Method Blank	97	86	100	94

Surrogate Legend

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

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

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QC Sample Results

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

Job ID: 480-186912-1

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

Lab Sample ID: MB 480-588367/7

Matrix: Water

Analysis Batch: 588367

C

Client Samp	ole ID: Method	d Blank
	Prep Type: T	otal/NA

Amalada	MB I				1114	_	D	A	D:: -
Analyte	Result	Qualifier	RL	MDL		<u>D</u> -	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	•			07/08/21 11:24	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21				07/08/21 11:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31				07/08/21 11:24	1
1,1,2-Trichloroethane	ND		1.0		ug/L			07/08/21 11:24	1
1,1-Dichloroethane	ND		1.0	0.38				07/08/21 11:24	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/08/21 11:24	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/08/21 11:24	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/08/21 11:24	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/08/21 11:24	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/08/21 11:24	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/08/21 11:24	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/08/21 11:24	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/08/21 11:24	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/08/21 11:24	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/08/21 11:24	1
2-Hexanone	ND		5.0	1.2	ug/L			07/08/21 11:24	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/08/21 11:24	1
Acetone	ND		10	3.0	ug/L			07/08/21 11:24	1
Benzene	ND		1.0	0.41	ug/L			07/08/21 11:24	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/08/21 11:24	1
Bromoform	ND		1.0		ug/L			07/08/21 11:24	1
Bromomethane	ND		1.0		ug/L			07/08/21 11:24	 1
Carbon disulfide	ND		1.0		ug/L			07/08/21 11:24	1
Carbon tetrachloride	ND		1.0		ug/L			07/08/21 11:24	1
Chlorobenzene	ND		1.0		ug/L			07/08/21 11:24	·
Chloroethane	ND		1.0		ug/L			07/08/21 11:24	1
Chloroform	ND		1.0		ug/L			07/08/21 11:24	
Chloromethane	ND		1.0		ug/L			07/08/21 11:24	
cis-1,2-Dichloroethene	ND		1.0		ug/L			07/08/21 11:24	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			07/08/21 11:24	1
Cyclohexane	ND		1.0		ug/L			07/08/21 11:24	 1
Dibromochloromethane	ND ND		1.0		-			07/08/21 11:24	1
					ug/L				
Dichlorodifluoromethane	ND		1.0		ug/L			07/08/21 11:24	1
Ethylbenzene	ND		1.0		ug/L			07/08/21 11:24	1
Isopropylbenzene	ND		1.0	0.79				07/08/21 11:24	1
Methyl acetate	ND		2.5		ug/L			07/08/21 11:24	
Methyl tert-butyl ether	ND		1.0		ug/L			07/08/21 11:24	1
Methylcyclohexane	ND		1.0	0.16	-			07/08/21 11:24	1
Methylene Chloride	ND		1.0	0.44				07/08/21 11:24	1
Styrene	ND		1.0	0.73	ug/L			07/08/21 11:24	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/08/21 11:24	1
Toluene	ND		1.0	0.51	ug/L			07/08/21 11:24	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/08/21 11:24	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/08/21 11:24	1
Trichloroethene	ND		1.0	0.46	ug/L			07/08/21 11:24	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/08/21 11:24	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/08/21 11:24	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/08/21 11:24	1

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QC Sample Results

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

Job ID: 480-186912-1

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

Lab Sample ID: MB 480-588367/7

Matrix: Water

Analysis Batch: 588367

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

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		77 - 120		07/08/21 11:24	1
4-Bromofluorobenzene (Surr)	86		73 - 120		07/08/21 11:24	1
Dibromofluoromethane (Surr)	100		75 - 123		07/08/21 11:24	1
Toluene-d8 (Surr)	94		80 - 120		07/08/21 11:24	1

Lab Sample ID: LCS 480-588367/5 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Water

Analysis Batch: 588367

Analysis Batch: 588367	Spike	LCS	1.00				%Rec.	
Analyte	Added		Qualifier	Unit	D	%Rec	Limits	
1,1,1-Trichloroethane		23.6	Qualifier	ug/L		95	73 - 126	
1,1,2,2-Tetrachloroethane	25.0	23.2		ug/L		93	76 - 120	
1,1,2-Trichloro-1,2,2-trifluoroetha	25.0	23.2		ug/L		92	61 - 148	
ne	25.0	23.0		ug/L		92	01 - 140	
1,1,2-Trichloroethane	25.0	23.6		ug/L		95	76 ₋ 122	
1,1-Dichloroethane	25.0	24.2		ug/L		97	77 - 120	
1,1-Dichloroethene	25.0	22.9		ug/L		92	66 ₋ 127	
1,2,4-Trichlorobenzene	25.0	22.2		ug/L		89	79 - 122	
1,2-Dibromo-3-Chloropropane	25.0	20.3		ug/L		81	56 ₋ 134	
1,2-Dibromoethane	25.0	23.3		ug/L		93	77 - 120	
1,2-Dichlorobenzene	25.0	23.1		ug/L		92	80 - 124	
1,2-Dichloroethane	25.0	23.2		ug/L		93	75 ₋ 120	
1,2-Dichloropropane	25.0	24.3		ug/L		97	76 - 120	
1,3-Dichlorobenzene	25.0	23.4		ug/L		93	77 _ 120	
1,4-Dichlorobenzene	25.0	23.1		ug/L		92	80 - 120	
2-Butanone (MEK)	125	117		ug/L		94	57 - 140	
2-Hexanone	125	117		ug/L		94	65 _ 127	
4-Methyl-2-pentanone (MIBK)	125	108		ug/L		87	71 - 125	
Acetone	125	116		ug/L		93	56 - 142	
Benzene	25.0	24.0		ug/L		96	71 - 124	
Bromodichloromethane	25.0	23.9		ug/L		96	80 - 122	
Bromoform	25.0	24.7		ug/L		99	61 - 132	
Bromomethane	25.0	23.8		ug/L		95	55 - 144	
Carbon disulfide	25.0	23.8		ug/L		95	59 - 134	
Carbon tetrachloride	25.0	23.5		ug/L		94	72 ₋ 134	
Chlorobenzene	25.0	23.3		ug/L		93	80 - 120	
Chloroethane	25.0	25.6		ug/L		102	69 ₋ 136	
Chloroform	25.0	23.0		ug/L		92	73 - 127	
Chloromethane	25.0	22.1		ug/L		89	68 - 124	
cis-1,2-Dichloroethene	25.0	23.6		ug/L		94	74 ₋ 124	
cis-1,3-Dichloropropene	25.0	24.7		ug/L		99	74 - 124	
Cyclohexane	25.0	20.9		ug/L		83	59 ₋ 135	
Dibromochloromethane	25.0	24.3		ug/L		97	75 - 125	
Dichlorodifluoromethane	25.0	21.3		ug/L		85	59 ₋ 135	
Ethylbenzene	25.0	22.8		ug/L		91	77 _ 123	
Isopropylbenzene	25.0	23.1		ug/L		92	77 _ 122	
Methyl acetate	50.0	44.9		ug/L		90	74 ₋ 133	
Methyl tert-butyl ether	25.0	22.9		ug/L		92	77 - 120	
Methylcyclohexane	25.0	20.2		ug/L		81	68 _ 134	

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7/16/2021

Job ID: 480-186912-1

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

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

Lab Sample ID: LCS 480-588367/5 **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA

Analysis Batch: 588367

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Methylene Chloride	25.0	24.1		ug/L		96	75 _ 124	
Styrene	25.0	22.9		ug/L		91	80 - 120	
Tetrachloroethene	25.0	24.1		ug/L		96	74 - 122	
Toluene	25.0	23.1		ug/L		92	80 _ 122	
trans-1,2-Dichloroethene	25.0	24.3		ug/L		97	73 _ 127	
trans-1,3-Dichloropropene	25.0	24.9		ug/L		99	80 - 120	
Trichloroethene	25.0	23.6		ug/L		94	74 - 123	
Trichlorofluoromethane	25.0	23.7		ug/L		95	62 _ 150	
Vinyl chloride	25.0	24.6		ug/L		98	65 _ 133	

LCS LCS

%Recovery	Qualifier	Limits
94		77 - 120
95		73 - 120
99		75 - 123
96		80 - 120
	94 95 99	94 95 99

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

Lab Sample ID: MB 480-588557/1

Matrix: Water

Analysis Batch: 588557

мв мв

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		1.0	1.0	mg/L			07/09/21 12:02	1

Lab Sample ID: LCS 480-588557/2 **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA

Analysis Batch: 588557

Analysis Baton. 600001								
	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Total Suspended Solids	424	417.2		mg/L		98	88 - 110	

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-588404/1 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 588404

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10.0	4.0	mg/L			07/08/21 11:49	1

Lab Sample ID: LCS 480-588404/2 **Client Sample ID: Lab Control Sample**

Matrix: Water

Analysis Batch: 588404

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Total Dissolved Solids	501	497.0		mg/L		99	85 - 115	

Eurofins TestAmerica, Buffalo

7/16/2021

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Type: Total/NA

QC Association Summary

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

Job ID: 480-186912-1

GC/MS VOA

Analysis Batch: 588367

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-186912-2	BETWEEN CARBON 070721	Total/NA	Water	8260C	
480-186912-3	EFFLUENT- GRAB 070721	Total/NA	Water	8260C	
MB 480-588367/7	Method Blank	Total/NA	Water	8260C	
LCS 480-588367/5	Lab Control Sample	Total/NA	Water	8260C	

General Chemistry

Analysis Batch: 588404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-186912-1	EFFLUENT - COMP 070721	Total/NA	Water	SM2540 C	
MB 480-588404/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-588404/2	Lab Control Sample	Total/NA	Water	SM2540 C	

Analysis Batch: 588557

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-186912-1	EFFLUENT - COMP 070721	Total/NA	Water	SM 2540D	
MB 480-588557/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-588557/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Lab Chronicle

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

Job ID: 480-186912-1

Client Sample ID: EFFLUENT - COMP 070721

Lab Sample ID: 480-186912-1 Date Collected: 07/07/21 11:30

Matrix: Water

Date Received: 07/08/21 08:00

	Batch	Batch		Dilution	Dilution Batch			
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	588557	07/09/21 12:02	JGO	TAL BUF
Total/NA	Analysis	SM2540 C		1	588404	07/08/21 11:49	JGO	TAL BUF

Client Sample ID: BETWEEN CARBON 070721

Lab Sample ID: 480-186912-2

Matrix: Water

Date Collected: 07/07/21 11:30 Date Received: 07/08/21 08:00

	Batch	Batch		Dilution	Dilution Batch			
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	588367	07/08/21 17:04	AXK	TAL BUF

Client Sample ID: EFFLUENT- GRAB 070721

Lab Sample ID: 480-186912-3

Matrix: Water

Date Collected: 07/07/21 11:30 Date Received: 07/08/21 08:00

> Batch Batch Dilution Batch Prepared

Prep Type or Analyzed Method Run Factor Number Analyst Type Lab Total/NA 8260C 588367 07/08/21 16:42 TAL BUF Analysis AXK

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: 480-186912-1

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	Pr	ogram	Identification Number	Expiration Date	
New York		ELAP	10026	04-01-22	
The following analytes	are included in this report, bu	ut the laboratory is not certifi	ed by the governing authority. This list ma	ıy include analytes for v	
the agency does not of	fer certification.				
the agency does not of Analysis Method	fer certification. Prep Method	Matrix	Analyte		

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Method Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-186912-1

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: 480-186912-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Ass
480-186912-1	EFFLUENT - COMP 070721	Water	07/07/21 11:30	07/08/21 08:00	
480-186912-2	BETWEEN CARBON 070721	Water	07/07/21 11:30	07/08/21 08:00	
480-186912-3	EFFLUENT- GRAB 070721	Water	07/07/21 11:30	07/08/21 08:00	

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Eurofins TestAmerica, Buffalo

Client: O'Brien & Gere Inc of North America

Job Number: 480-186912-1

Login Number: 186912 List Source: Eurofins TestAmerica, Buffalo

List Number: 1 Creator: Stopa, Erik S

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



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 480-187126-1

Client Project/Site: Former Accurate Die Cast

For:

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

Attn: Mr. David J Carnevale

Ty-

Authorized for release by: 7/23/2021 10:16:15 AM
Rebecca Jones, Project Management Assistant I
Rebecca.Jones@Eurofinset.com

Designee for

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

joe.giacomazza@testamericainc.com

LINKS

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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: 480-187126-1

Glossary

RL RPD

TEF

TEQ

TNTC

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

Reporting Limit or Requested Limit (Radiochemistry)

Toxicity Equivalent Factor (Dioxin)

Too Numerous To Count

Toxicity Equivalent Quotient (Dioxin)

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

Eurofins TestAmerica, Buffalo

7/23/2021

Case Narrative

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-187126-1

Job ID: 480-187126-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-187126-1

Comments

No additional comments.

Receipt

The sample was received on 7/14/2021 8:00 AM. Unless otherwise noted below, the sample arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.1° C.

General Chemistry

Method SM 2540C: Due to the matrix, the initial volume(s) used for the following sample deviated from the standard procedure: EFFLUENT (480-187126-1). The reporting limits (RLs) have been adjusted proportionately.

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: 480-187126-1

Client Sample ID: EFFLUENT

Lab Sample ID: 480-187126-1

Analyte	Result Qualifier	RL	MDL Unit	Dil Fac D	Method	Prep Type
Total Dissolved Solids	1350	20.0	8.0 mg/L	1	SM2540 C	Total/NA

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

Lab Sample ID: 480-187126-1

Matrix: Water

Job ID: 480-187126-1

-ab Sample ID. 400-107 120-

07/14/21 14:07

Date Collected: 07/13/21 08:00 Date Received: 07/14/21 08:00

Total Suspended Solids

Client Sample ID: EFFLUENT

General Chemistry								
Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1350	20.0	8.0	mg/L			07/15/21 10:10	1
Analyte	Result Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac

4.0

4.0 mg/L

ND

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QC Sample Results

Client: O'Brien & Gere Inc of North America

Job ID: 480-187126-1

Project/Site: Former Accurate Die Cast

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

MR MR

Lab Sample ID: MB 480-589066/1 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 589066

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		1.0	1.0	mg/L			07/14/21 14:07	1

Lab Sample ID: LCS 480-589066/2 **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA

Analysis Batch: 589066

-	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Total Suspended Solids	756	723.6		mg/L		96	88 - 110	

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-589172/1 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 589172

MB MB Dil Fac Analyte Result Qualifier RLMDL Unit Prepared Analyzed Total Dissolved Solids ND 10.0 4.0 mg/L 07/15/21 10:10

Lab Sample ID: LCS 480-589172/2 Client Sample ID: Lab Control Sample Prep Type: Total/NA

Matrix: Water

Analysis Batch: 589172

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Total Dissolved Solids	504	483.0		mg/L		96	85 - 115	

QC Association Summary

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

Job ID: 480-187126-1

General Chemistry

Analysis Batch: 589066

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-187126-1	EFFLUENT	Total/NA	Water	SM 2540D	
MB 480-589066/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-589066/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 589172

Lab Sample ID 480-187126-1	Client Sample ID EFFLUENT	Prep Type Total/NA	Matrix Water	Method SM2540 C	Prep Batch
MB 480-589172/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-589172/2	Lab Control Sample	Total/NA	Water	SM2540 C	

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Lab Chronicle

Client: O'Brien & Gere Inc of North America Job ID: 480-187126-1

Project/Site: Former Accurate Die Cast

Client Sample ID: EFFLUENT

Lab Sample ID: 480-187126-1 Date Collected: 07/13/21 08:00

Matrix: Water

Date Received: 07/14/21 08:00

١		Batch	Batch		Dilution	Batch	Prepared		
	Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
	Total/NA	Analysis	SM 2540D		1	589066	07/14/21 14:07	JGO	TAL BUF
	Total/NA	Analysis	SM2540 C		1	589172	07/15/21 10:10	JGO	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: 480-187126-1

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority New York		ogram	Identification Number	Expiration Date 04-01-22	
		ELAP	10026		
The following analytes	are included in this report, bu	t the laboratory is not certifi	ed by the governing authority. This list ma	ay include analytes for w	
the agency does not of	ter certification.				
0 ,		Matrix	Analyte		
Analysis Method SM2540 C	fer certification. Prep Method	Matrix Water	Analyte Total Dissolved Solids		

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4.0

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Method Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-187126-1

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: 480-187126-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-187126-1	EFFLUENT	Water	07/13/21 08:00	07/14/21 08:00

10 Hazelwood Drive Amherst, NY 14228-2298 Phone: 716-691-2600 Fax: 716-691-7991	Chain of Custody Record		& eurofins Environment Testing
Client Information	Sampler	Lab PM: "Ang Tracking No(s):	
Client Contact: Mr. Yuri Veliz	Phone: C. L.		480-158065-10586.1 Page:
Company: O'Brien & Gere Inc of North America	9	Joe.giacomazza@testamericainc.com	Page 1 of 1 Job#:
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:	Allalysis Requested	Preservation Codes:
City: East Syracuse	TAT Requested (days):	T	
State, Zip: NY, 13221	Compliance Project: Δ Yes Δ No	T	C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S
Phone: 315-956-6100(Tel) 315-463-7554(Fax)			E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4
Email: yuri.veliz@ramboll.com	WO#.	8	
Project Name: Former Accurate Die Cast	Project #: 48008584	V Solid	J - Di Water K - EDTA I - FDA
Site: New York	#MOSS	bepued	Other:
	Sample	Matrix (www.min.) - Total Sus	lumber of
Sample Identification	Sample Date Time G=grab) 81	Field Perfo	Total N Special Instructions/Note:
I	Preservation Code:	on Code:	
Effluent 2540C. Calco TDS	7/13/14/08:00 6	Water	
25407- 755	7/13/4 08:∞ €	\$2.00 A	
6.0			
		480-187126 CL	
		Construction of Custody	
ant a	Poison B (Inknown Badiological	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	tained longer than 1 month)
, III, IV, Other (specify)		Special Instructions/QC Requirements:	Archive For Months
Empty Kit Relinquished by:	Date:	Time: Method of Shipment:	
Kelinquished by:	Date/Time: 7/13/21 ~ 8:30.4	Company Received by A Received	Company C
Relinquished by:	21 1900	Received by:	Company
	Date/Time: / Co	Received by: Date/Time:	4 21 Dis Company
Custody Seals Intact: Custody Seal No.:		Cooler Temperature(s) °C and Other remarks:	0.00 / 7
		7	Var. 11/01/2020

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America Job Number: 480-187126-1

Login Number: 187126 List Source: Eurofins TestAmerica, Buffalo

List Number: 1 Creator: Stopa, Erik S

uestion	Answer	Comment
adioactivity either was not measured or, if measured, is at or below	True	
ackground ne cooler's custody seal, if present, is intact.	True	
ne cooler or samples do not appear to have been compromised or mpered with.	True	
amples were received on ice.	True	
ooler Temperature is acceptable.	True	
ooler Temperature is recorded.	True	
OC is present.	True	
OC is filled out in ink and legible.	True	
OC is filled out with all pertinent information.	True	
the Field Sampler's name present on COC?	True	
nere are no discrepancies between the sample IDs on the containers and the COC.	True	
amples are received within Holding Time (Excluding tests with nmediate HTs)	True	
ample containers have legible labels.	True	
ontainers are not broken or leaking.	True	
ample collection date/times are provided.	True	
ppropriate sample containers are used.	True	
ample bottles are completely filled.	True	
ample Preservation Verified	True	
nere is sufficient vol. for all requested analyses, incl. any requested S/MSDs	True	
OA sample vials do not have headspace or bubble is <6mm (1/4") in ameter.	True	
necessary, staff have been informed of any short hold time or quick TAT eeds	True	
ultiphasic samples are not present.	True	
amples do not require splitting or compositing.	True	
ampling Company provided.	True	OBG
amples received within 48 hours of sampling.	True	
amples requiring field filtration have been filtered in the field.	N/A	
hlorine 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: 480-187407-1

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: 7/28/2021 12:17:04 PM

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

Designee for

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

joe.giacomazza@testamericainc.com

LINKS

Review your project results through

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Have a Question?



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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: 480-187407-1

Project/Site: Former Accurate Die Cast

Reporting Limit or Requested Limit (Radiochemistry)

Toxicity Equivalent Factor (Dioxin)

Too Numerous To Count

Toxicity Equivalent Quotient (Dioxin)

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

Glossary

RL

RPD

TEF

TEQ

TNTC

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)

Eurofins TestAmerica, Buffalo

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7/28/2021

Case Narrative

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-187407-1

Job ID: 480-187407-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-187407-1

Comments

No additional comments.

Receipt

The samples were received on 7/20/2021 8:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 4.1° 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

RL

10.0

MDL Unit

4.0 mg/L

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

Job ID: 480-187407-1

Lab Sample ID: 480-187407-1

Client Sample ID: EFFLUENT 071921 Comp Result Qualifier Analyte

666

Dil Fac D Method Prep Type

SM2540 C Total/NA

Client Sample ID: EFFLUENT 071921 Grab

Lab Sample ID: 480-187407-2

No Detections.

Total Dissolved Solids

Client Sample Results

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

Lab Sample ID: 480-187407-1

Matrix: Water

Job ID: 480-187407-1

Client Sample ID: EFFLUENT 071921 Comp

Date Collected: 07/19/21 06:45 Date Received: 07/20/21 08:00

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	666		10.0	4.0	mg/L			07/21/21 15:45	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			07/23/21 10:53	1

Client Sample ID: EFFLUENT 071921 Grab

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

Date Collected: 07/19/21 06:45

ND

ND

ND

ND

ND

ND

ND

ND

ND

Date Received: 07/20/21 08:00

Dibromochloromethane

Dichlorodifluoromethane

Ethylbenzene

Methyl acetate

Isopropylbenzene

Methyl tert-butyl ether

Methylcyclohexane

Methylene Chloride

Styrene

Lab	Samp	ole ID:	480-1	87407-2

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/26/21 15:30	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/26/21 15:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/26/21 15:30	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/26/21 15:30	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/26/21 15:30	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/26/21 15:30	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/26/21 15:30	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/26/21 15:30	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/26/21 15:30	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/26/21 15:30	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/26/21 15:30	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/26/21 15:30	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/26/21 15:30	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/26/21 15:30	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/26/21 15:30	1
2-Hexanone	ND		5.0	1.2	ug/L			07/26/21 15:30	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/26/21 15:30	1
Acetone	ND		10	3.0	ug/L			07/26/21 15:30	1
Benzene	ND		1.0	0.41	ug/L			07/26/21 15:30	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/26/21 15:30	1
Bromoform	ND		1.0	0.26	ug/L			07/26/21 15:30	1
Bromomethane	ND		1.0	0.69	ug/L			07/26/21 15:30	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/26/21 15:30	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/26/21 15:30	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/26/21 15:30	1
Chloroethane	ND		1.0	0.32	ug/L			07/26/21 15:30	1
Chloroform	ND		1.0	0.34	ug/L			07/26/21 15:30	1
Chloromethane	ND		1.0	0.35	ug/L			07/26/21 15:30	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/26/21 15:30	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/26/21 15:30	1
Cyclohexane	ND		1.0	0.18	ug/L			07/26/21 15:30	1

1.0

1.0

1.0

1.0

2.5

1.0

1.0

1.0

1.0

0.32 ug/L

0.68 ug/L

0.74 ug/L

0.79 ug/L

1.3 ug/L

0.16 ug/L

0.16 ug/L

0.44 ug/L

0.73 ug/L

Eurofins TestAmerica, Buffalo

07/26/21 15:30

07/26/21 15:30

07/26/21 15:30

07/26/21 15:30

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07/26/21 15:30

07/26/21 15:30

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Client Sample Results

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

Job ID: 480-187407-1

Client Sample ID: EFFLUENT 071921 Grab

Lab Sample ID: 480-187407-2 Date Collected: 07/19/21 06:45

Matrix: Water

Date Received: 07/20/21 08:00

Method: 8260C - Volatile Orga	nic Compounds b	y GC/MS (Continued)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		1.0	0.36	ug/L			07/26/21 15:30	1
Toluene	ND		1.0	0.51	ug/L			07/26/21 15:30	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/26/21 15:30	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/26/21 15:30	1
Trichloroethene	ND		1.0	0.46	ug/L			07/26/21 15:30	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/26/21 15:30	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/26/21 15:30	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/26/21 15:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		77 - 120			-		07/26/21 15:30	1
4-Bromofluorobenzene (Surr)	105		73 - 120					07/26/21 15:30	1
Dibromofluoromethane (Surr)	111		75 - 123					07/26/21 15:30	1
Toluene-d8 (Surr)	96		80 - 120					07/26/21 15:30	1

Surrogate Summary

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

Job ID: 480-187407-1

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

Matrix: Water Prep Type: Total/NA

				Percent Sui	rogate Rec
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(75-123)	(80-120)
480-187407-2	EFFLUENT 071921 Grab	107	105	111	96
LCS 480-590365/6	Lab Control Sample	105	105	107	95
MB 480-590365/8	Method Blank	109	107	114	98
Surrogate Legend					

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

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

QC Sample Results

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

Job ID: 480-187407-1

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

Lab Sample ID: MB 480-590365/8

Matrix: Water

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

	MB	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil F
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/26/21 11:13	
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/26/21 11:13	
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/26/21 11:13	
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/26/21 11:13	
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/26/21 11:13	
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/26/21 11:13	
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/26/21 11:13	
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/26/21 11:13	
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/26/21 11:13	
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/26/21 11:13	
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/26/21 11:13	
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/26/21 11:13	
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/26/21 11:13	
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/26/21 11:13	
2-Butanone (MEK)	ND		10	1.3	ug/L			07/26/21 11:13	
2-Hexanone	ND		5.0	1.2	ug/L			07/26/21 11:13	
1-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/26/21 11:13	
Acetone	ND		10	3.0	ug/L			07/26/21 11:13	
Benzene	ND		1.0	0.41	ug/L			07/26/21 11:13	
Bromodichloromethane	ND		1.0	0.39	_			07/26/21 11:13	
Bromoform	ND		1.0	0.26				07/26/21 11:13	
Bromomethane	ND		1.0	0.69				07/26/21 11:13	
Carbon disulfide	ND		1.0	0.19	-			07/26/21 11:13	
Carbon tetrachloride	ND		1.0		ug/L			07/26/21 11:13	
Chlorobenzene	ND		1.0		ug/L			07/26/21 11:13	
Chloroethane	ND		1.0	0.32	-			07/26/21 11:13	
Chloroform	ND		1.0	0.34				07/26/21 11:13	
Chloromethane	ND		1.0	0.35				07/26/21 11:13	
cis-1,2-Dichloroethene	ND		1.0	0.81				07/26/21 11:13	
cis-1,3-Dichloropropene	ND		1.0		ug/L			07/26/21 11:13	
Cyclohexane	ND		1.0	0.18				07/26/21 11:13	
Dibromochloromethane	ND		1.0	0.32	-			07/26/21 11:13	
Dichlorodifluoromethane	ND		1.0	0.68	_			07/26/21 11:13	
Ethylbenzene	ND		1.0	0.74				07/26/21 11:13	
sopropylbenzene	ND		1.0		ug/L			07/26/21 11:13	
Methyl acetate	ND		2.5		ug/L			07/26/21 11:13	
Methyl tert-butyl ether	ND ND		1.0		ug/L			07/26/21 11:13	
Methylcyclohexane	ND		1.0		ug/L			07/26/21 11:13	
Methylene Chloride	ND		1.0		ug/L			07/26/21 11:13	
Styrene	ND ND		1.0	0.73				07/26/21 11:13	
Tetrachloroethene									
Foluene	ND ND		1.0	0.36	-			07/26/21 11:13 07/26/21 11:13	
			1.0	0.51					
rans-1,2-Dichloroethene	ND		1.0		ug/L			07/26/21 11:13	
rans-1,3-Dichloropropene	ND		1.0	0.37	•			07/26/21 11:13	
Friehland (1997)	ND		1.0		ug/L			07/26/21 11:13	
Frichlorofluoromethane	ND		1.0		ug/L			07/26/21 11:13	
/inyl chloride	ND		1.0	0.90	ug/L			07/26/21 11:13	

Eurofins TestAmerica, Buffalo

7/28/2021

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QC Sample Results

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

Job ID: 480-187407-1

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

98

Lab Sample ID: MB 480-590365/8

Matrix: Water

Surrogate

Analysis Batch: 590365

1,2-Dichloroethane-d4 (Surr)

4-Bromofluorobenzene (Surr)

Dibromofluoromethane (Surr)

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

07/26/21 11:13

MB MB %Recovery Qualifier Limits Prepared Analyzed Dil Fac 109 77 - 120 07/26/21 11:13 107 73 - 120 07/26/21 11:13 114 75 - 123 07/26/21 11:13

Client Sample ID: Lab Control Sample Lab Sample ID: LCS 480-590365/6 Prep Type: Total/NA

80 - 120

Matrix: Water

Toluene-d8 (Surr)

Analysis Batch: 590365

Analyse Added Result Qualifier b %Res Limite 1,1,1-Trichforcethane 250 27.4 ugl. 19 78.120 1,1,2-Trichforcethane 250 27.4 ugl. 10 10 61.148 1,1,2-Trichforcethane 250 27.4 ugl. 197 76.122 1,1-Drichforcethane 250 25.4 ugl. 1017 76.122 1,1-Drichforcethane 250 25.5 ugl. 107 66.127 1,2-Drichforcethane 250 25.1 ugl. 101 79.122 1,2-Drichforcethane 250 25.1 ugl. 101 79.122 1,2-Drichforcethane 250 25.2 ugl. 101 79.122 1,2-Drichforcethane 250 26.2 ugl. 105 67.120 1,2-Drichforcethane 250 26.4 ugl. 107 66.124 1,2-Drichforcethane 250 26.8 ugl. 107 76.120	Analysis Batch: 590365	Spike	LCS	LCS				%Rec.	
1,1,2,2-Tetrachloroethane 25.0 24.8 uglt 99 76.120 1,1,2-Tichloroet,2,2-Influoroethan 25.0 27.4 uglt 97 76.122 1,1,2-Tichloroethane 25.0 24.2 uglt 97 76.122 1,1-Dichloroethane 25.0 25.1 uglt 101 77.120 1,1-Dichloroethane 25.0 25.1 uglt 101 79.122 1,2-A-Tichlorobenzene 25.0 25.1 uglt 101 79.122 1,2-Dichroopethane 25.0 25.0 26.2 uglt 105 77.120 1,2-Dichlorobenzene 25.0 24.8 uglt 109 56.134 1,2-Dichlorobenzene 25.0 24.8 uglt 107 76.120 1,2-Dichlorobenzene 25.0 25.6 uglt 107 76.120 1,2-Dichlorobenzene 25.0 25.6 uglt 107 76.120 1,2-Dichlorobenzene 25.0 25.6 uglt 107 76.120 1,2-Dichloropenzene 25.0 25.6 uglt 107 77.	Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
1,12-Trichloroe1,1,2-Iriflurorethan 1,12-Trichloroethane 1,12-Diblorome-3-Chloropropane 1,12-Dibloroethane 1,12-Dibl	1,1,1-Trichloroethane	25.0	27.5		ug/L		110	73 - 126	
Tell	1,1,2,2-Tetrachloroethane	25.0	24.8		ug/L		99	76 ₋ 120	
1,1.2-Trichloroethane 25.0 24.2 ug/L 10.7 77.120 1,1-Dichloroethane 25.0 25.4 ug/L 107 77.120 1,2-Dichloroethane 25.0 26.7 ug/L 101 79.122 1,2-Dichlorophane 25.0 25.1 ug/L 101 79.122 1,2-Dichlorobane 25.0 22.6 ug/L 105 77.120 1,2-Dichlorobane 25.0 24.4 ug/L 97 80.124 1,2-Dichlorobane 25.0 24.8 ug/L 107 76.120 1,2-Dichlorobane 25.0 25.8 ug/L 102 77.120 1,3-Dichlorobane 25.0 25.8 ug/L 102 77.120 1,4-Dichlorobane 25.0 25.6 ug/L 102 77.120 1,4-Dichlorobane 25.0 25.6 ug/L 103 80.122 1,4-Dichlorobane 25.0 25.6 ug/L 102 77.120 1,4-Dichlorobane 25.0 25.6 ug/L 103 86.127 2-Butanone 125	1,1,2-Trichloro-1,2,2-trifluoroetha	25.0	27.4		ug/L		110	61 - 148	
1,1-Dichloroethane 25.0 25.4 ug/L 101 77 - 120 1,1-Dichloroethene 25.0 26.7 ug/L 107 66 - 127 1,2-Dichloroeb-Chloropropane 25.0 25.1 ug/L 101 79 - 122 1,2-Dichloroeb-Chloropropane 25.0 26.2 ug/L 105 77 - 120 1,2-Dichloroebrane 25.0 26.2 ug/L 107 76 - 120 1,2-Dichloroebrane 25.0 24.4 ug/L 199 75 - 120 1,2-Dichloroebrane 25.0 28.8 ug/L 107 76 - 120 1,2-Dichloroebrane 25.0 25.6 ug/L 103 80 - 120 1,4-Dichloroebrane 25.0 25.6 ug/L 103 80 - 120 1,4-Dichloroebrane 25.0 25.6 ug/L 103 80 - 120 2-Bustanone (MEK) 125 137 ug/L 110 57 - 140 2-Hexanone 125 120 ug/L 16 65 - 127 A	ne								
1.1-Dicklorderbene 25.0 26.7 ugl. 107 66.127 1.2.4-Trichlorobenzene 25.0 25.1 ugl. 101 79.122 1.2-Dibromoethane 25.0 26.2 ugl. 105 77.120 1.2-Dichlorobenzene 25.0 26.2 ugl. 49 90.124 1.2-Dichlorobenzene 25.0 24.4 ugl. 49 75.120 1.2-Dichlorobenzene 25.0 26.8 ugl. 102 77.120 1.3-Dichlorobenzene 25.0 25.6 ugl. 102 77.120 1.3-Dichlorobenzene 25.0 25.6 ugl. 103 80.120 2-Butanone (MEK) 125 137 ugl. 10 57.140 2-Hexanone 125 120 ugl. 96 65.127 Acetone 125 120 ugl. 96 65.127 Acetone 125 120 ugl. 10 97.122 Benzae 25.0 27.4 ugl. 10 71.124 Benzae 25.0 27.4 ug	1,1,2-Trichloroethane	25.0	24.2		ug/L		97	76 - 122	
1,24-Trichlorobenzene 25.0 25.1 ug/L 10 79-122 1,2-Dibromo-3-Chloropropane 25.0 22.6 ug/L 105 57-120 1,2-Dibromoethane 25.0 22.4 ug/L 197 80-124 1,2-Dichlorobenzene 25.0 24.8 ug/L 199 75-120 1,2-Dichloropropane 25.0 26.8 ug/L 102 77-120 1,3-Dichlorobenzene 25.0 25.6 ug/L 102 77-120 1,4-Dichlorobenzene 25.0 25.6 ug/L 103 80-120 1,4-Dichlorobenzene 25.0 25.6 ug/L 103 80-120 1,4-Dichlorobenzene 25.0 25.6 ug/L 103 80-120 1,4-Dichlorobenzene 25.0 25.6 ug/L 110 57-140 2-Butanone (MEK) 125 137 ug/L 110 57-140 2-Hexanone 125 173 ug/L 138 56-142 4-Heithyl-2-pentanone (MIBK)	1,1-Dichloroethane	25.0	25.4		ug/L		101	77 - 120	
1,2-Dibromo-3-Chloropropane 25.0 22.6 ugl. 90 56 - 134 1,2-Dibriomoethane 25.0 26.2 ugl. 105 77 - 120 1,2-Dichlorobenzene 25.0 24.4 ugl. 97 75 - 120 1,2-Dichlorobenzene 25.0 24.8 ugl. 107 76 - 120 1,2-Dichlorobenzene 25.0 25.6 ugl. 102 77 - 120 1,3-Dichlorobenzene 25.0 25.6 ugl. 102 77 - 120 2-Butanone (MEK) 125 137 ugl. 96 65 - 127 4-Methyl-2-pentanone (MIBK) 125 120 ugl. 96 65 - 127 4-Methyl-2-pentanone (MIBK) 125 120 ugl. 96 65 - 127 4-Methyl-2-pentanone (MIBK) 125 120 ugl. 16 65 - 142 4-Methyl-2-pentanone (MIBK) 125 120 ugl. 16 65 - 142 4-Methyl-2-pentanone (MIBK) 125 120 ugl. 101 71 - 126	1,1-Dichloroethene	25.0	26.7		ug/L		107	66 - 127	
1,2-Dibromoethane 25.0 26.2 ug/L 37.7 + 120 1,2-Dibriorobenzene 25.0 24.4 ug/L 37.7 + 120 1,2-Dichlorobenzene 25.0 24.8 ug/L 39.7 5.120 1,2-Dichloropengane 25.0 26.8 ug/L 39.7 5.120 1,2-Dichloropengane 25.0 26.8 ug/L 107 76.120 1,3-Dichlorobenzene 25.0 25.6 ug/L 103 30.120 1,4-Dichlorobenzene 125 137 ug/L 110 77.140 1,4-Dichlorobenzene 125 120 ug/L 36.6 5.127 1,4-Dichlorobenzene 125 120 ug/L 36.6 5.142 1,4-Dichlorobenzene 125 120 ug/L 36.5 1,4-Dichlorobenzene 125 120 ug/L 36.5 1,4-Dichlorobenzene 125 120 ug/L 36.5 1,4-Dichlorobenzene 125 125 140 ug/L 36.5 1,4-Dichlorobenzene	1,2,4-Trichlorobenzene	25.0	25.1		ug/L		101	79 - 122	
1,2-Dichlorobenzene 25.0 24.4 ug/L 97 80 - 124 1,2-Dichloroerhane 25.0 24.8 ug/L 197 75 - 120 1,2-Dichloropropane 25.0 26.8 ug/L 107 75 - 120 1,3-Dichlorobenzene 25.0 25.6 ug/L 102 77 - 120 1,4-Dichlorobenzene 25.0 25.6 ug/L 103 80 - 120 2-Butanone (MEK) 125 137 ug/L 196 65 - 127 2-Hexanone 125 120 ug/L 96 65 - 127 4-Methyl-2-pentanone (MIBK) 125 120 ug/L 196 65 - 127 4-Methyl-2-pentanone (MIBK) 125 173 ug/L 196 67 - 128 Acetone 125 173 ug/L 196 65 - 127 4-Methyl-2-pentanone (MIBK) 125 173 ug/L 196 67 - 128 Acetone 125 173 ug/L 110 71 - 128 Benzene 25.0 27.4 ug/L 110 71 - 132 Bromodichiorome	1,2-Dibromo-3-Chloropropane	25.0	22.6		ug/L		90	56 - 134	
1,2-Dichloroperhane 25.0 24.8 ug/L 199 75.120 1,2-Dichloroperopane 25.0 26.8 ug/L 107 76.120 1,3-Dichlorobenzene 25.0 25.6 ug/L 102 77.120 1,4-Dichlorobenzene 25.0 25.6 ug/L 103 80.120 2-Butanone (MEK) 125 137 ug/L 10 57.140 2-Hexanone 125 120 ug/L 96 65.127 Amethyl-2-pentanone (MIBK) 125 120 ug/L 96 65.127 Acetone 125 173 ug/L 196 65.127 Acetone 125 173 ug/L 196 65.127 Acetone 125 173 ug/L 196 65.142 Benzene 25.0 27.4 ug/L 110 71.124 Bromodichloromethane 25.0 25.0 ug/L 110 75.124 Bromodichloromethane 25.0 29.7 ug/L 110 75.144 Carbon tetrachloride 25.0 28.0	1,2-Dibromoethane	25.0	26.2		ug/L		105	77 - 120	
1,2-Dichloropropane 25.0 26.8 ug/L 107 76.120 1,3-Dichlorobenzene 25.0 25.6 ug/L 102 77.120 1,4-Dichlorobenzene 25.0 25.6 ug/L 103 80.120 2-Butanone (MEK) 125 137 ug/L 110 57.140 2-Hexanone 125 120 ug/L 96 71.125 Acetone 125 173 ug/L 136 66.127 4-Methyl-2-pentanone (MIBK) 125 173 ug/L 136 67.125 Acetone 125 173 ug/L 110 71.125 Acetone 125 27.4 ug/L 110 71.124 Bromodichloromethane 25.0 27.9 ug/L 110 71.124 Bromodichloromethane 25.0 29.7 ug/L 119 61.132 Bromodichloromethane 25.0 29.7 ug/L 119 61.132 Bromodichloromethane 25.0 28.0 ug/L 119 61.132 Carbon disulfide 25.0	1,2-Dichlorobenzene	25.0	24.4		ug/L		97	80 - 124	
1,3-Dichlorobenzene 25.0 25.6 ug/L 10.2 77 - 120 1,4-Dichlorobenzene 25.0 25.6 ug/L 10.3 80 - 120 2-Butanone (MEK) 125 137 ug/L 110 57 - 140 2-Hexanone 125 120 ug/L 96 65 - 127 4-Methyl-2-pentanone (MIBK) 125 120 ug/L 196 71 - 125 Acetone 125 173 ug/L 198 56 - 142 Benzene 25.0 27.4 ug/L 110 71 - 124 Bromofethane 25.0 25.9 ug/L 110 71 - 124 Bromofethane 25.0 25.9 ug/L 110 71 - 124 Bromofethane 25.0 25.9 ug/L 110 80 - 122 Carbon disulfide 25.0 25.0 28.0 ug/L 112 59 - 134 Carbon tetrachloride 25.0 25.1 ug/L 109 72 - 134 Chlorobenzene 25.0 25.1 ug/L 109 74 - 124 Chloroform	1,2-Dichloroethane	25.0	24.8		ug/L		99	75 - 120	
1,4-Dichlorobenzene 25.0 25.6 ug/L 103 80 - 120 2-Butanone (MEK) 125 137 ug/L 110 57 - 140 2-Hexanone 125 120 ug/L 96 65 - 127 4-Methyl-2-pentanone (MIBK) 125 120 ug/L 96 71 - 125 Acetone 125 173 ug/L 138 56 - 142 Benzene 25.0 27.4 ug/L 110 71 - 124 Bromodichloromethane 25.0 25.9 ug/L 119 61 - 132 Bromoform 25.0 30.5 ug/L 119 61 - 132 Bromoform 25.0 30.5 ug/L 119 61 - 132 Bromoform 25.0 30.5 ug/L 119 61 - 132 Bromoform 25.0 28.0 ug/L 119 61 - 132 Carbon disulfide 25.0 28.0 ug/L 109 72 - 134 Chiorobenzene 25.0 25.1 ug/L 100 80 - 136 Chiorobenzene 25.0 25.7	1,2-Dichloropropane	25.0	26.8		ug/L		107	76 - 120	
2-Butanone (MEK) 125 137 ug/L 110 57 - 140 2-Hexanone 125 120 ug/L 96 65 - 127 4-Methyl-2-pentanone (MIBK) 125 120 ug/L 96 71 - 125 Acetone 125 173 ug/L 138 56 - 142 Benzene 25.0 27.4 ug/L 110 71 - 124 Bromodichloromethane 25.0 25.9 ug/L 104 80 - 122 Bromoform 25.0 29.7 ug/L 119 61 - 132 Bromofithane 25.0 30.5 ug/L 119 61 - 132 Bromofithane 25.0 28.0 ug/L 119 61 - 132 Carbon disulfide 25.0 28.0 ug/L 119 61 - 132 Chilorobrache 25.0 25.1 ug/L 109 72 - 134 Chilorobrache 25.0 25.1 ug/L 100 80 - 132 Chilorobrache 25.0 25.7 ug/L 103 73 - 127 Chilorobrache 25.0 25.0 <td>1,3-Dichlorobenzene</td> <td>25.0</td> <td>25.6</td> <td></td> <td>ug/L</td> <td></td> <td>102</td> <td>77 - 120</td> <td></td>	1,3-Dichlorobenzene	25.0	25.6		ug/L		102	77 - 120	
2-Hexanone 125 120 ug/L 96 65.127 4-Methyl-2-pentanone (MIBK) 125 120 ug/L 96 71.125 Acetone 125 173 ug/L 138 56.142 Benzene 25.0 27.4 ug/L 110 71.124 Bromodichloromethane 25.0 25.9 ug/L 110 60.122 Bromoform 25.0 29.7 ug/L 110 60.132 Bromoform 25.0 29.7 ug/L 112 55.144 Carbon disulfide 25.0 28.0 ug/L 112 59.134 Carbon tetrachloride 25.0 28.0 ug/L 109 72.134 Chlorobenzene 25.0 25.1 ug/L 100 80.120 Chlorochtane 25.0 25.1 ug/L 100 80.120 Chlorochtane 25.0 25.0 25.1 ug/L 103 73.127 Chlorochtane 25.0 27.4 ug/L 103 74.124 cis-1,3-Dichloropropene 25.0 27	1,4-Dichlorobenzene	25.0	25.6		ug/L		103	80 - 120	
4-Methyl-2-pentanone (MIBK) 125 120 ug/L 96 71 - 125 Acetone 125 173 ug/L 138 56 - 142 Benzene 25.0 27.4 ug/L 110 71 - 124 Bromodichloromethane 25.0 25.9 ug/L 104 80 - 122 Bromoform 25.0 29.7 ug/L 119 61 - 132 Bromomethane 25.0 30.5 ug/L 112 59 - 134 Carbon disulfide 25.0 28.0 ug/L 109 72 - 134 Carbon tetrachloride 25.0 27.1 ug/L 109 72 - 134 Chlorobenzene 25.0 25.1 ug/L 100 80 - 120 Chlorobethane 25.0 25.1 ug/L 100 80 - 120 Chloroform 25.0 25.7 ug/L 103 73 - 127 Cis-1,2-Dichloroethane 25.0 25.7 ug/L 103 73 - 124 cis-1,3-Dichloroptopene 25.0 27.4 ug/L 107 75 - 125 Cyclohexane	2-Butanone (MEK)	125	137		ug/L		110	57 - 140	
Acetone 125 173 ug/L 138 56 - 142 Benzene 25.0 27.4 ug/L 110 71 - 124 Bromodichloromethane 25.0 25.9 ug/L 104 80 - 122 Bromoform 25.0 29.7 ug/L 119 61 - 132 Bromomethane 25.0 30.5 ug/L 122 55 - 144 Carbon disulfide 25.0 28.0 ug/L 112 59 - 134 Carbon tetrachloride 25.0 27.1 ug/L 109 72 - 134 Chlorobenzene 25.0 25.1 ug/L 100 80 - 120 Chlorobenzene 25.0 25.1 ug/L 100 80 - 120 Chlorotertane 25.0 25.7 ug/L 100 80 - 120 Chlorotertane 25.0 25.7 ug/L 103 73 - 127 Chlorotertane 25.0 27.4 ug/L 103 73 - 124 Chlorotethane 25.0 27.8 ug/L 111 74 - 124 cis-1,3-Dichlorotethane 25.0	2-Hexanone	125	120		ug/L		96	65 - 127	
Benzene 25.0 27.4 ug/L 110 71 - 124 Bromodichloromethane 25.0 25.9 ug/L 104 80 - 122 Bromoform 25.0 29.7 ug/L 119 61 - 132 Bromomethane 25.0 30.5 ug/L 122 55 - 144 Carbon disulfide 25.0 28.0 ug/L 112 59 - 134 Carbon tetrachloride 25.0 27.1 ug/L 109 72 - 134 Chlorobenzene 25.0 25.1 ug/L 109 72 - 134 Chloroform 25.0 26.9 ug/L 108 69 - 136 Chlorofethane 25.0 26.9 ug/L 103 73 - 127 Chloromethane 25.0 25.7 ug/L 103 73 - 127 Chloromethane 25.0 27.4 ug/L 109 74 - 124 cis-1,3-Dichloropropene 25.0 27.8 ug/L 111 74 - 124 Cycloexane 25.0 26.7	4-Methyl-2-pentanone (MIBK)	125	120		ug/L		96	71 - 125	
Bromodichloromethane 25.0 25.9 ug/L 104 80 - 122 Bromoform 25.0 29.7 ug/L 119 61 - 132 Bromomethane 25.0 30.5 ug/L 122 55 - 144 Carbon disulfide 25.0 28.0 ug/L 112 59 - 134 Carbon tetrachloride 25.0 27.1 ug/L 109 72 - 134 Chlorobenzene 25.0 25.1 ug/L 100 80 - 120 Chloroethane 25.0 25.1 ug/L 108 69 - 136 Chloroform 25.0 25.7 ug/L 103 73 - 127 Chloromethane 25.0 25.0 27.4 ug/L 109 74 - 124 cis-1,3-Dichloropropene 25.0 27.4 ug/L 109 74 - 124 Cyclohexane 25.0 23.4 ug/L 107 75 - 125 Dikloromothloromethane 25.0 26.7 ug/L 107 75 - 125 Ethylbenzene	Acetone	125	173		ug/L		138	56 - 142	
Bromoform 25.0 29.7 ug/L 119 61-132 Bromomethane 25.0 30.5 ug/L 122 55-144 Carbon disulfide 25.0 28.0 ug/L 112 59-134 Carbon tetrachloride 25.0 27.1 ug/L 109 72-134 Chlorobenzene 25.0 25.1 ug/L 100 80-120 Chloroethane 25.0 26.9 ug/L 108 69-136 Chloromethane 25.0 25.7 ug/L 103 73-127 Chloromethane 25.0 27.4 ug/L 97 68-124 cis-1,2-Dichloroethene 25.0 27.4 ug/L 109 74-124 cis-1,3-Dichloropropene 25.0 27.8 ug/L 111 74-124 cis-1,3-Dichloropropene 25.0 23.2 ug/L 107 75-125 Dibromochloromethane 25.0 26.7 ug/L 107 75-125 Dichlorodifluoromethane 25.0 25.5 ug/L 102 77-123 Isopropylbenzene <	Benzene	25.0	27.4		ug/L		110	71 - 124	
Bromomethane 25.0 30.5 ug/L 122 55 - 144 Carbon disulfide 25.0 28.0 ug/L 112 59 - 134 Carbon tetrachloride 25.0 27.1 ug/L 109 72 - 134 Chlorobenzene 25.0 25.1 ug/L 100 80 - 120 Chloroethane 25.0 26.9 ug/L 108 69 - 136 Chloroform 25.0 25.7 ug/L 103 73 - 127 Chloromethane 25.0 25.7 ug/L 103 73 - 127 Chloromethane 25.0 27.4 ug/L 109 74 - 124 cis-1,2-Dichloropropene 25.0 27.8 ug/L 111 74 - 124 Cyclohexane 25.0 27.8 ug/L 93 59 - 135 Dibromochloromethane 25.0 26.7 ug/L 107 75 - 125 Dichlorodifluoromethane 25.0 25.0 23.2 ug/L 102 77 - 123 Ethylbenzene 25.0 25.6 ug/L 102 77 - 123 Isop	Bromodichloromethane	25.0	25.9		ug/L		104	80 - 122	
Bromomethane 25.0 30.5 ug/L 122 55 - 144 Carbon disulfide 25.0 28.0 ug/L 112 59 - 134 Carbon tetrachloride 25.0 27.1 ug/L 109 72 - 134 Chlorobenzene 25.0 25.1 ug/L 100 80 - 120 Chloroethane 25.0 26.9 ug/L 108 69 - 136 Chloroform 25.0 25.7 ug/L 103 73 - 127 Chloromethane 25.0 25.7 ug/L 103 73 - 127 Chloromethane 25.0 27.4 ug/L 109 74 - 124 cis-1,2-Dichloropropene 25.0 27.8 ug/L 111 74 - 124 Cyclohexane 25.0 27.8 ug/L 93 59 - 135 Dibromochloromethane 25.0 26.7 ug/L 107 75 - 125 Dichlorodifluoromethane 25.0 25.0 23.2 ug/L 102 77 - 123 Ethylbenzene 25.0 25.6 ug/L 102 77 - 123 Isop	Bromoform	25.0	29.7		ug/L		119	61 _ 132	
Carbon tetrachloride 25.0 27.1 ug/L 109 72 - 134 Chlorobenzene 25.0 25.1 ug/L 100 80 - 120 Chloroethane 25.0 26.9 ug/L 108 69 - 136 Chloroform 25.0 25.7 ug/L 103 73 - 127 Chloromethane 25.0 27.4 ug/L 97 68 - 124 cis-1,2-Dichloroethene 25.0 27.4 ug/L 109 74 - 124 cis-1,3-Dichloropropene 25.0 27.8 ug/L 111 74 - 124 Cyclohexane 25.0 23.4 ug/L 93 59 - 135 Dibromochloromethane 25.0 26.7 ug/L 107 75 - 125 Dichlorodifluoromethane 25.0 25.5 ug/L 93 59 - 135 Ethylbenzene 25.0 25.5 ug/L 102 77 - 123 Isopropylbenzene 25.0 25.6 ug/L 102 77 - 122 Methyl acetate 50.0 51.1 ug/L 103 77 - 120	Bromomethane	25.0	30.5				122	55 - 144	
Chlorobenzene 25.0 25.1 ug/L 100 80 - 120 Chloroethane 25.0 26.9 ug/L 108 69 - 136 Chloroform 25.0 25.7 ug/L 103 73 - 127 Chloromethane 25.0 24.1 ug/L 97 68 - 124 cis-1,2-Dichloroethene 25.0 27.4 ug/L 109 74 - 124 cis-1,3-Dichloropropene 25.0 27.8 ug/L 93 59 - 135 Cyclohexane 25.0 23.4 ug/L 93 59 - 135 Dibromochloromethane 25.0 26.7 ug/L 107 75 - 125 Dichlorodifluoromethane 25.0 23.2 ug/L 93 59 - 135 Ethylbenzene 25.0 25.5 ug/L 102 77 - 123 Isopropylbenzene 25.0 25.6 ug/L 102 77 - 122 Methyl certate 50.0 51.1 ug/L 103 77 - 120 Methyl tert-butyl ether 25.0 25.7 ug/L 103 77 - 120	Carbon disulfide	25.0	28.0		ug/L		112	59 - 134	
Chloroethane 25.0 26.9 ug/L 108 69 - 136 Chloroform 25.0 25.7 ug/L 103 73 - 127 Chloromethane 25.0 24.1 ug/L 97 68 - 124 cis-1,2-Dichloroethene 25.0 27.4 ug/L 109 74 - 124 cis-1,3-Dichloropropene 25.0 27.8 ug/L 111 74 - 124 Cyclohexane 25.0 23.4 ug/L 93 59 - 135 Dibromochloromethane 25.0 26.7 ug/L 107 75 - 125 Dichlorodifluoromethane 25.0 23.2 ug/L 93 59 - 135 Ethylbenzene 25.0 25.5 ug/L 102 77 - 123 Isopropylbenzene 25.0 25.6 ug/L 102 77 - 122 Methyl acetate 50.0 51.1 ug/L 103 77 - 120 Methyl tert-butyl ether 25.0 25.7 ug/L 103 77 - 120	Carbon tetrachloride	25.0	27.1		ug/L		109	72 - 134	
Chloroform 25.0 25.7 ug/L 103 73 - 127 Chloromethane 25.0 24.1 ug/L 97 68 - 124 cis-1,2-Dichloroethene 25.0 27.4 ug/L 109 74 - 124 cis-1,3-Dichloropropene 25.0 27.8 ug/L 111 74 - 124 Cyclohexane 25.0 23.4 ug/L 93 59 - 135 Dibromochloromethane 25.0 26.7 ug/L 107 75 - 125 Dichlorodifluoromethane 25.0 23.2 ug/L 93 59 - 135 Ethylbenzene 25.0 25.5 ug/L 102 77 - 123 Isopropylbenzene 25.0 25.6 ug/L 102 77 - 122 Methyl acetate 50.0 51.1 ug/L 103 77 - 120 Methyl tert-butyl ether 25.0 25.7 ug/L 103 77 - 120	Chlorobenzene	25.0	25.1		ug/L		100	80 - 120	
Chloromethane 25.0 24.1 ug/L 97 68 - 124 cis-1,2-Dichloroethene 25.0 27.4 ug/L 109 74 - 124 cis-1,3-Dichloropropene 25.0 27.8 ug/L 111 74 - 124 Cyclohexane 25.0 23.4 ug/L 93 59 - 135 Dibromochloromethane 25.0 26.7 ug/L 107 75 - 125 Dichlorodifluoromethane 25.0 23.2 ug/L 93 59 - 135 Ethylbenzene 25.0 25.5 ug/L 102 77 - 123 Isopropylbenzene 25.0 25.6 ug/L 102 77 - 122 Methyl acetate 50.0 51.1 ug/L 103 77 - 120 Methyl tert-butyl ether 25.0 25.7 ug/L 103 77 - 120	Chloroethane	25.0	26.9		ug/L		108	69 - 136	
cis-1,2-Dichloroethene 25.0 27.4 ug/L 109 74 - 124 cis-1,3-Dichloropropene 25.0 27.8 ug/L 111 74 - 124 Cyclohexane 25.0 23.4 ug/L 93 59 - 135 Dibromochloromethane 25.0 26.7 ug/L 107 75 - 125 Dichlorodifluoromethane 25.0 23.2 ug/L 93 59 - 135 Ethylbenzene 25.0 25.5 ug/L 102 77 - 123 Isopropylbenzene 25.0 25.6 ug/L 102 77 - 122 Methyl acetate 50.0 51.1 ug/L 102 74 - 133 Methyl tert-butyl ether 25.0 25.7 ug/L 103 77 - 120	Chloroform	25.0	25.7		ug/L		103	73 - 127	
cis-1,3-Dichloropropene 25.0 27.8 ug/L 111 74 - 124 Cyclohexane 25.0 23.4 ug/L 93 59 - 135 Dibromochloromethane 25.0 26.7 ug/L 107 75 - 125 Dichlorodiffluoromethane 25.0 23.2 ug/L 93 59 - 135 Ethylbenzene 25.0 25.5 ug/L 102 77 - 123 Isopropylbenzene 25.0 25.6 ug/L 102 77 - 122 Methyl acetate 50.0 51.1 ug/L 102 74 - 133 Methyl tert-butyl ether 25.0 25.7 ug/L 103 77 - 120	Chloromethane	25.0	24.1		ug/L		97	68 - 124	
Cyclohexane 25.0 23.4 ug/L 93 59 - 135 Dibromochloromethane 25.0 26.7 ug/L 107 75 - 125 Dichlorodifluoromethane 25.0 23.2 ug/L 93 59 - 135 Ethylbenzene 25.0 25.5 ug/L 102 77 - 123 Isopropylbenzene 25.0 25.6 ug/L 102 77 - 122 Methyl acetate 50.0 51.1 ug/L 102 74 - 133 Methyl tert-butyl ether 25.0 25.7 ug/L 103 77 - 120	cis-1,2-Dichloroethene	25.0	27.4		ug/L		109	74 - 124	
Dibromochloromethane 25.0 26.7 ug/L 107 75 - 125 Dichlorodifluoromethane 25.0 23.2 ug/L 93 59 - 135 Ethylbenzene 25.0 25.5 ug/L 102 77 - 123 Isopropylbenzene 25.0 25.6 ug/L 102 77 - 122 Methyl acetate 50.0 51.1 ug/L 102 74 - 133 Methyl tert-butyl ether 25.0 25.7 ug/L 103 77 - 120	cis-1,3-Dichloropropene	25.0	27.8		ug/L		111	74 - 124	
Dichlorodifluoromethane 25.0 23.2 ug/L 93 59 - 135 Ethylbenzene 25.0 25.5 ug/L 102 77 - 123 Isopropylbenzene 25.0 25.6 ug/L 102 77 - 122 Methyl acetate 50.0 51.1 ug/L 102 74 - 133 Methyl tert-butyl ether 25.0 25.7 ug/L 103 77 - 120	Cyclohexane	25.0	23.4		ug/L		93	59 _ 135	
Ethylbenzene 25.0 25.5 ug/L 102 77 - 123 Isopropylbenzene 25.0 25.6 ug/L 102 77 - 122 Methyl acetate 50.0 51.1 ug/L 102 74 - 133 Methyl tert-butyl ether 25.0 25.7 ug/L 103 77 - 120	Dibromochloromethane	25.0	26.7		ug/L		107	75 - 125	
Isopropylbenzene 25.0 25.6 ug/L 102 77 - 122 Methyl acetate 50.0 51.1 ug/L 102 74 - 133 Methyl tert-butyl ether 25.0 25.7 ug/L 103 77 - 120	Dichlorodifluoromethane	25.0	23.2		_		93	59 ₋ 135	
Isopropylbenzene 25.0 25.6 ug/L 102 77 - 122 Methyl acetate 50.0 51.1 ug/L 102 74 - 133 Methyl tert-butyl ether 25.0 25.7 ug/L 103 77 - 120	Ethylbenzene	25.0	25.5		ug/L		102	77 _ 123	
Methyl acetate 50.0 51.1 ug/L 102 74 - 133 Methyl tert-butyl ether 25.0 25.7 ug/L 103 77 - 120	Isopropylbenzene	25.0	25.6		_		102	77 ₋ 122	
Methyl tert-butyl ether 25.0 25.7 ug/L 103 77 - 120		50.0	51.1		_		102	74 ₋ 133	
							103		
	•				ug/L		101	68 ₋ 134	

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7/28/2021

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

Job ID: 480-187407-1

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

Lab Sample ID: LCS 480-590365/6 **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA

Analysis Batch: 590365

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Methylene Chloride	25.0	25.3		ug/L		101	75 - 124	
Styrene	25.0	25.6		ug/L		102	80 - 120	
Tetrachloroethene	25.0	27.9		ug/L		111	74 - 122	
Toluene	25.0	24.6		ug/L		98	80 - 122	
trans-1,2-Dichloroethene	25.0	25.4		ug/L		101	73 - 127	
trans-1,3-Dichloropropene	25.0	25.9		ug/L		103	80 - 120	
Trichloroethene	25.0	28.5		ug/L		114	74 - 123	
Trichlorofluoromethane	25.0	28.6		ug/L		115	62 - 150	
Vinyl chloride	25.0	28.2		ug/L		113	65 - 133	

LCS LCS

%Recovery	Qualifier	Limits
105		77 - 120
105		73 - 120
107		75 - 123
95		80 - 120
	105 105 107	105 107

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

Matrix: Water

Analysis Batch: 590216

Lab Sample ID: MB 480-590216/1

MB MB

Analyte	Result Qualifier	RL	RL Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND -	1.0	1.0 mg/L			07/23/21 10:53	1

Lab Sample ID: LCS 480-590216/2 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Water

Analysis Batch: 590216

	Spike	LCS	LCS			%Rec.	
Analyte	Added	Result	Qualifier Unit	. D	%Rec	Limits	
Total Suspended Solids	484	483.6	mg/l		100	88 - 110	 -

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-589959/1 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 589959

	IVID	IVID							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10.0	4 0	ma/l			07/21/21 15:45	

Lab Sample ID: LCS 480-589959/2 **Matrix: Water**

Analysis Batch: 589959

	Spike	LCS	LCS				%Rec.
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits
Total Dissolved Solids	504	518.0		mg/L		103	85 - 115

Eurofins TestAmerica, Buffalo

Prep Type: Total/NA

Client Sample ID: Lab Control Sample

Client Sample ID: Method Blank

Prep Type: Total/NA

QC Association Summary

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

Job ID: 480-187407-1

GC/MS VOA

Analysis Batch: 590365

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-187407-2	EFFLUENT 071921 Grab	Total/NA	Water	8260C	
MB 480-590365/8	Method Blank	Total/NA	Water	8260C	
LCS 480-590365/6	Lab Control Sample	Total/NA	Water	8260C	

General Chemistry

Analysis Batch: 589959

Lab Sample ID 480-187407-1	Client Sample ID EFFLUENT 071921 Comp	Prep Type Total/NA	Matrix Water	Method SM2540 C	Prep Batch
MB 480-589959/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-589959/2	Lab Control Sample	Total/NA	Water	SM2540 C	

Analysis Batch: 590216

Г					
Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-187407-1	EFFLUENT 071921 Comp	Total/NA	Water	SM 2540D	
MB 480-590216/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-590216/2	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 071921 Comp

Lab Sample ID: 480-187407-1 Date Collected: 07/19/21 06:45 Matrix: Water

Date Received: 07/20/21 08:00

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	590216	07/23/21 10:53	JGO	TAL BUF
Total/NA	Analysis	SM2540 C		1	589959	07/21/21 15:45	JGO	TAL BUF

Client Sample ID: EFFLUENT 071921 Grab

Lab Sample ID: 480-187407-2

Date Collected: 07/19/21 06:45 **Matrix: Water** Date Received: 07/20/21 08:00

Batch Batch Dilution Batch Prepared Prep Type Type Method Run Factor Number or Analyzed Analyst Lab Total/NA Analysis 8260C 590365 07/26/21 15:30 WJD TAL BUF

Laboratory References:

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

Accreditation/Certification Summary

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

Job ID: 480-187407-1

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	P	rogram	Identification Number	Expiration Date	
New York	NELAP		10026	04-01-22	
The following analytes	are included in this report, b	ut the laboratory is not certif	ied by the governing authority. This list ma	av include analytes for w	
0 ,	. ,	ut the laboratory is not certif	ied by the governing authority. This list ma	ay include analytes for w	
The following analytes the agency does not of	. ,	ut the laboratory is not certif	ied by the governing authority. This list ma	ay include analytes for w	
0 ,	. ,	ut the laboratory is not certif Matrix	ied by the governing authority. This list ma Analyte	ay include analytes for w	

Eurofins TestAmerica, Buffalo

7/28/2021

Method Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-187407-1

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: 480-187407-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-187407-1	EFFLUENT 071921 Comp	Water	07/19/21 06:45	07/20/21 08:00
480-187407-2	EFFLUENT 071921 Grab	Water	07/19/21 06:45	07/20/21 08:00

Client: O'Brien & Gere Inc of North America Job Number: 480-187407-1

Login Number: 187407

List Source: Eurofins TestAmerica, Buffalo

List Number: 1 Creator: Stopa, Erik S

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

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: 480-187649-1

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

Zf-

Authorized for release by: 8/5/2021 12:39:25 PM Rebecca Jones, Project Management Assistant I Rebecca.Jones@Eurofinset.com

Designee for

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

joe.giacomazza@testamericainc.com

LINKS

Review your project results through

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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: 480-187649-1

Project/Site: Former Accurate Die Cast

Glossary

RPD

TEF

TEQ

TNTC

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

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

Toxicity Equivalent Factor (Dioxin)

Too Numerous To Count

Toxicity Equivalent Quotient (Dioxin)

Eurofins TestAmerica, Buffalo

8/5/2021

Case Narrative

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-187649-1

Job ID: 480-187649-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-187649-1

Comments

No additional comments.

Receipt

The sample was received on 7/27/2021 8:00 AM. Unless otherwise noted below, the sample arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.8° C.

General Chemistry

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

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Detection Summary

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

Job ID: 480-187649-1

Client Sample ID: EFFLUENT 072621

Lab Sample ID: 480-187649-1

Analyte	Result Qualifier	RL	MDL Unit	Dil Fac D	Method	Prep Type
Total Dissolved Solids	710	10.0	4.0 mg/L	1	SM2540 C	Total/NA

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Client Sample Results

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

Job ID: 480-187649-1

Client Sample ID: EFFLUENT 072621

Lab Sample ID: 480-187649-1

Matrix: Water

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

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	710		10.0	4.0	mg/L			07/27/21 14:02	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			07/28/21 15:31	1

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QC Sample Results

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

Job ID: 480-187649-1

Prep Type: Total/NA

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

Lab Sample ID: MB 480-590801/1 Client Sample ID: Method Blank

Matrix: Water

Analysis Batch: 590801

MB MB Dil Fac Analyte Result Qualifier RLRL Unit D Prepared Analyzed Total Suspended Solids ND 1.0 1.0 mg/L 07/28/21 15:31

Lab Sample ID: LCS 480-590801/2 Client Sample ID: Lab Control Sample **Matrix: Water** Prep Type: Total/NA

Analysis Batch: 590801

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Total Suspended Solids	363	348.4		mg/L		96	88 - 110	

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-590609/1 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 590609

MB MB Dil Fac Analyte Result Qualifier RLMDL Unit Prepared Analyzed Total Dissolved Solids ND 10.0 4.0 mg/L 07/27/21 14:02

Lab Sample ID: LCS 480-590609/2 Client Sample ID: Lab Control Sample Prep Type: Total/NA

Matrix: Water

Analysis Batch: 590609

	Spike	LCS	LCS			%Rec.	
Analyte	Added	Result	Qualifier Unit	D	%Rec	Limits	
Total Dissolved Solids	503	468.0	mg/L		93	85 - 115	_

QC Association Summary

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

Job ID: 480-187649-1

General Chemistry

Analysis Batch: 590609

Lab Sample	ID Client Sample	D Prep Typ	oe Matrix	Method	Prep Batch
480-187649	-1 EFFLUENT 072	621 Total/NA	Water	SM2540 C	
MB 480-590	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-59	0609/2 Lab Control Sai	nple Total/NA	Water	SM2540 C	

Analysis Batch: 590801

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-187649-1	EFFLUENT 072621	Total/NA	Water	SM 2540D	
MB 480-590801/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-590801/2	Lab Control Sample	Total/NA	Water	SM 2540D	

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Lab Chronicle

Client: O'Brien & Gere Inc of North America Job ID: 480-187649-1

Project/Site: Former Accurate Die Cast

Date Received: 07/27/21 08:00

Client Sample ID: EFFLUENT 072621

Lab Sample ID: 480-187649-1 Date Collected: 07/26/21 07:00 Matrix: Water

Batch Batch Dilution Batch Prepared Method Prep Type Туре Run Factor Number or Analyzed Analyst Lab Total/NA SM 2540D 590801 JGO TAL BUF Analysis 07/28/21 15:31 Total/NA Analysis SM2540 C 590609 07/27/21 14:02 JGO 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: 480-187649-1

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	Pr	ogram	Identification Number	Expiration Date 04-01-22	
New York	NE	ELAP	10026		
The following analytes	are included in this report, but	it the laboratory is not certifi-	ed by the governing authority. This list ma	v include analytes for	
The following analytes	are moraded in the report, be			ay include analytes for	
• ,	•	it the laberatory to flot cortin	ou by the governing duthonly. The notine	ay include analytes for	
the agency does not or	ffer certification.	•		ay include analytes for	
• ,	•	Matrix	Analyte	ay include analytes for	

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Method Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-187649-1

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: 480-187649-1

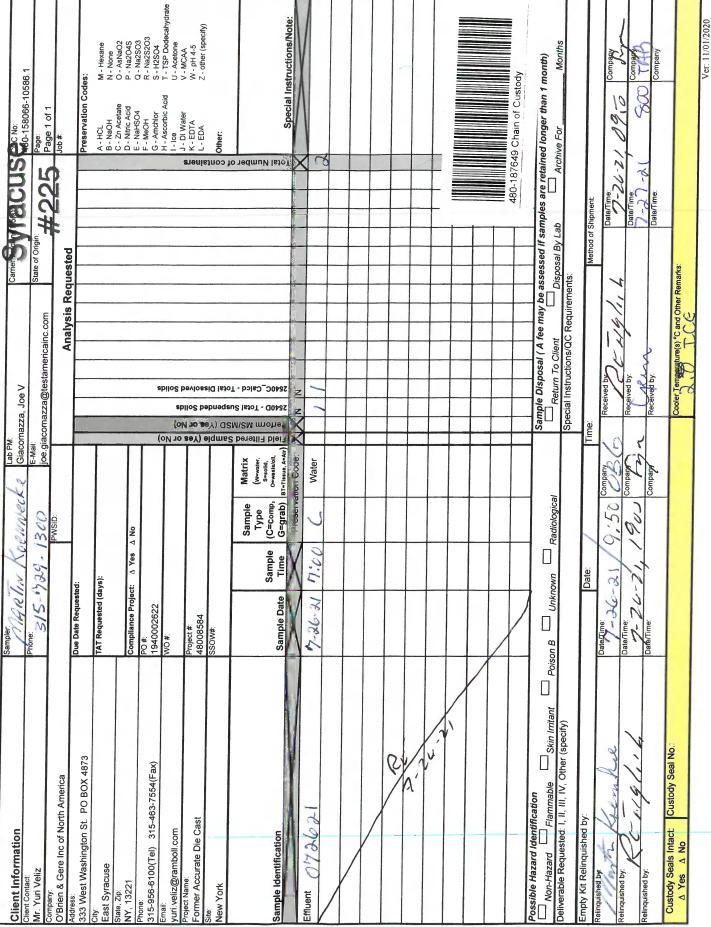
Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-187649-1	EFFLUENT 072621	Water	07/26/21 07:00	07/27/21 08:00

Eurofins TestAmerica, Buffalo

10 Hazelwood Drive

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

eurofins Environment Testing



Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America Job Number: 480-187649-1

Login Number: 187649 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	True	Johnneilt
background		
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or	True	
tampered with.		
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	obg
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

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Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 480-187859-1

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: 8/17/2021 11:31:04 AM Rebecca Jones, Project Management Assistant I Rebecca.Jones@Eurofinset.com

Designee for

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

joe.giacomazza@testamericainc.com

LINKS

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

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

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

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Definitions/Glossary

Client: O'Brien & Gere Inc of North America

Job ID: 480-187859-1

Project/Site: Former Accurate Die Cast

Qualifiers

GC/MS VOA

NEG

POS

PQL PRES

QC

RER RL

RPD TEF

TEQ TNTC Negative / Absent

Positive / Present
Practical Quantitation Limit

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

Presumptive Quality Control

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
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)

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Case Narrative

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-187859-1

Job ID: 480-187859-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-187859-1

Comments

No additional comments.

Receipt

The samples were received on 8/3/2021 8:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.2° C.

GC/MS VOA

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-592018 recovered above the upper control limit for Carbon tetrachloride and Dibromochloromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: BETWEEN CARBONS 080221 (480-187859-2) and EFFLUENT - GRAB 080221 (480-187859-3).

Method 8260C: The laboratory control sample (LCS) for analytical batch 480-592018 recovered outside control limits for the following analytes: Dibromochloromethane and 1,2-Dibromo-3-Chloropropane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported. The associated samples are impacted: BETWEEN CARBONS 080221 (480-187859-2) and EFFLUENT - GRAB 080221 (480-187859-3).

No additional analytical or quality issues were noted, other than those described above or 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: 480-187859-1

Client Sample ID: EFFLUENT - COMP 080221 Lab Sample ID: 480-187859-1

Analyte	Result Qualifier	RL	MDL Unit	Dil Fac D Method	Prep Type
Total Dissolved Solids	732	10.0	4.0 mg/L	1 SM2540 C	Total/NA

Client Sample ID: BETWEEN CARBONS 080221

	•	100	400		
Lab	Sample	ID:	480-1	 87859-2	

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.35	J	1.0	0.34	ug/L	1	_	8260C	Total/NA
cis-1,2-Dichloroethene	3.8		1.0	0.81	ug/L	1		8260C	Total/NA

Client Sample ID: EFFLUENT - GRAB 080221

Lab Sample ID: 480-187859-3

No Detections.

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

Lab Sample ID: 480-187859-1

Matrix: Wastewater

Job ID: 480-187859-1

Client Sample ID: EFFLUENT - COMP 080221

Date Collected: 08/02/21 07:00 Date Received: 08/03/21 08:00

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	732		10.0	4.0	mg/L			08/06/21 13:44	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			08/04/21 14:15	1

Client Sample ID: BETWEEN CARBONS 080221

Date Collected: 08/02/21 07:00

Date Received: 08/03/21 08:00

Lab Sample	ID: 480-187859-2	
	Matrix: Water	

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			08/07/21 05:01	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/07/21 05:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/07/21 05:01	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/07/21 05:01	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/07/21 05:01	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/07/21 05:01	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/07/21 05:01	1
1,2-Dibromo-3-Chloropropane	ND	*+	1.0	0.39	ug/L			08/07/21 05:01	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/07/21 05:01	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/07/21 05:01	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/07/21 05:01	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/07/21 05:01	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/07/21 05:01	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/07/21 05:01	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/07/21 05:01	1
2-Hexanone	ND		5.0	1.2	ug/L			08/07/21 05:01	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/07/21 05:01	1
Acetone	ND		10	3.0	ug/L			08/07/21 05:01	1
Benzene	ND		1.0	0.41	ug/L			08/07/21 05:01	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/07/21 05:01	1
Bromoform	ND		1.0	0.26	ug/L			08/07/21 05:01	1
Bromomethane	ND		1.0	0.69	ug/L			08/07/21 05:01	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/07/21 05:01	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/07/21 05:01	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/07/21 05:01	1
Chloroethane	ND		1.0	0.32	ug/L			08/07/21 05:01	1
Chloroform	0.35	J	1.0	0.34	ug/L			08/07/21 05:01	1
Chloromethane	ND		1.0	0.35	ug/L			08/07/21 05:01	1
cis-1,2-Dichloroethene	3.8		1.0	0.81	ug/L			08/07/21 05:01	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/07/21 05:01	1
Cyclohexane	ND		1.0	0.18	ug/L			08/07/21 05:01	1
Dibromochloromethane	ND	*+	1.0	0.32	ug/L			08/07/21 05:01	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/07/21 05:01	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/07/21 05:01	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/07/21 05:01	1
Methyl acetate	ND		2.5	1.3	ug/L			08/07/21 05:01	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/07/21 05:01	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/07/21 05:01	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/07/21 05:01	1
Styrene	ND		1.0	0.73	ug/L			08/07/21 05:01	1

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

Lab Sample ID: 480-187859-2

Matrix: Water

Job ID: 480-187859-1

Client Sample ID: BETWEEN CARBONS 080221

Date Collected: 08/02/21 07:00 Date Received: 08/03/21 08:00

Method: 8260C - Volatile Organi	ic Compounds by	/ GC/MS (C	ontinued)						
Analyte	Result C	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND ND		1.0	0.36	ug/L			08/07/21 05:01	1
Toluene	ND		1.0	0.51	ug/L			08/07/21 05:01	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/07/21 05:01	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/07/21 05:01	1
Trichloroethene	ND		1.0	0.46	ug/L			08/07/21 05:01	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/07/21 05:01	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/07/21 05:01	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/07/21 05:01	1
Surrogate	%Recovery G	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120			-		08/07/21 05:01	1
4-Bromofluorobenzene (Surr)	94		73 - 120					08/07/21 05:01	1
Dibromofluoromethane (Surr)	100		75 - 123					08/07/21 05:01	1
Toluene-d8 (Surr)	96		80 - 120					08/07/21 05:01	1

Client Sample ID: EFFLUENT - GRAB 080221

Date Collected: 08/02/21 07:00 Date Received: 08/03/21 08:00

Lab Sample	ID: 480-187859-3
------------	------------------

Matrix: Wastewater

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			08/07/21 05:24	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/07/21 05:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/07/21 05:24	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/07/21 05:24	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/07/21 05:24	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/07/21 05:24	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/07/21 05:24	1
1,2-Dibromo-3-Chloropropane	ND	*+	1.0	0.39	ug/L			08/07/21 05:24	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/07/21 05:24	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/07/21 05:24	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/07/21 05:24	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/07/21 05:24	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/07/21 05:24	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/07/21 05:24	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/07/21 05:24	1
2-Hexanone	ND		5.0	1.2	ug/L			08/07/21 05:24	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/07/21 05:24	1
Acetone	ND		10	3.0	ug/L			08/07/21 05:24	1
Benzene	ND		1.0	0.41	ug/L			08/07/21 05:24	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/07/21 05:24	1
Bromoform	ND		1.0	0.26	ug/L			08/07/21 05:24	1
Bromomethane	ND		1.0	0.69	ug/L			08/07/21 05:24	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/07/21 05:24	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/07/21 05:24	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/07/21 05:24	1
Chloroethane	ND		1.0	0.32	ug/L			08/07/21 05:24	1
Chloroform	ND		1.0	0.34	ug/L			08/07/21 05:24	1
Chloromethane	ND		1.0	0.35	ug/L			08/07/21 05:24	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/07/21 05:24	1

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

Lab Sample ID: 480-187859-3

Matrix: Wastewater

Job ID: 480-187859-1

Client Sample ID: EFFLUENT - GRAB 080221 Date Collected: 08/02/21 07:00

Date Received: 08/03/21 08:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	MD		1.0	0.36	ug/L			08/07/21 05:24	1
Cyclohexane	ND		1.0	0.18	ug/L			08/07/21 05:24	1
Dibromochloromethane	ND	*+	1.0	0.32	ug/L			08/07/21 05:24	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/07/21 05:24	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/07/21 05:24	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/07/21 05:24	1
Methyl acetate	ND		2.5	1.3	ug/L			08/07/21 05:24	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/07/21 05:24	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/07/21 05:24	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/07/21 05:24	1
Styrene	ND		1.0	0.73	ug/L			08/07/21 05:24	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/07/21 05:24	1
Toluene	ND		1.0	0.51	ug/L			08/07/21 05:24	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/07/21 05:24	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/07/21 05:24	1
Trichloroethene	ND		1.0	0.46	ug/L			08/07/21 05:24	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/07/21 05:24	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/07/21 05:24	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/07/21 05:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120			_		08/07/21 05:24	1
4-Bromofluorobenzene (Surr)	93		73 - 120					08/07/21 05:24	1
Dibromofluoromethane (Surr)	100		75 - 123					08/07/21 05:24	1
Toluene-d8 (Surr)	97		80 - 120					08/07/21 05:24	1

Surrogate Summary

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

Job ID: 480-187859-1

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

Matrix: Wastewater Prep Type: Total/NA

_				Percent Su	rrogate Rec
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(75-123)	(80-120)
480-187859-3	EFFLUENT - GRAB 080221	105	93	100	97

Surrogate Legend

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

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

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

Matrix: Water Prep Type: Total/NA

				Percent Sur	rogate Rec
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(75-123)	(80-120)
480-187859-2	BETWEEN CARBONS 080221	105	94	100	96
LCS 480-592018/6	Lab Control Sample	107	95	100	100
MB 480-592018/8	Method Blank	108	92	105	100
B 480-592018/8 Surrogate Legend	Method Blank	108	92	105	100

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

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

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QC Sample Results

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

Job ID: 480-187859-1

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

Lab Sample ID: MB 480-592018/8

Matrix: Water

Analysis Batch: 592018

Client Sample ID: Method Blank

							Prep Type: I	otal/NA
ИΒ	МВ							
ult	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ND		1.0	0.82	ug/L			08/07/21 00:46	1

	МВ	MB							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			08/07/21 00:46	1
1,1,2,2-Tetrachloroethane	ND		1.0		ug/L			08/07/21 00:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31				08/07/21 00:46	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/07/21 00:46	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/07/21 00:46	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/07/21 00:46	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/07/21 00:46	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/07/21 00:46	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/07/21 00:46	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/07/21 00:46	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/07/21 00:46	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/07/21 00:46	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/07/21 00:46	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/07/21 00:46	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/07/21 00:46	1
2-Hexanone	ND		5.0	1.2	ug/L			08/07/21 00:46	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/07/21 00:46	1
Acetone	ND		10	3.0	ug/L			08/07/21 00:46	1
Benzene	ND		1.0	0.41	ug/L			08/07/21 00:46	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/07/21 00:46	1
Bromoform	ND		1.0	0.26	ug/L			08/07/21 00:46	1
Bromomethane	ND		1.0	0.69	ug/L			08/07/21 00:46	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/07/21 00:46	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/07/21 00:46	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/07/21 00:46	1
Chloroethane	ND		1.0	0.32	ug/L			08/07/21 00:46	1
Chloroform	ND		1.0	0.34	ug/L			08/07/21 00:46	1
Chloromethane	ND		1.0	0.35	ug/L			08/07/21 00:46	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/07/21 00:46	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/07/21 00:46	1
Cyclohexane	ND		1.0	0.18	ug/L			08/07/21 00:46	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/07/21 00:46	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/07/21 00:46	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/07/21 00:46	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/07/21 00:46	1
Methyl acetate	ND		2.5	1.3	ug/L			08/07/21 00:46	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/07/21 00:46	1
Methylcyclohexane	ND		1.0	0.16				08/07/21 00:46	1
Methylene Chloride	ND		1.0	0.44				08/07/21 00:46	1
Styrene	ND		1.0	0.73	ug/L			08/07/21 00:46	1
Tetrachloroethene	ND		1.0	0.36				08/07/21 00:46	1
Toluene	ND		1.0	0.51	_			08/07/21 00:46	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/07/21 00:46	1
trans-1,3-Dichloropropene	ND		1.0	0.37				08/07/21 00:46	1
Trichloroethene	ND		1.0	0.46	_			08/07/21 00:46	1
Trichlorofluoromethane	ND		1.0	0.88				08/07/21 00:46	
Vinyl chloride	ND		1.0	0.90				08/07/21 00:46	1
Xylenes, Total	ND		2.0		ug/L			08/07/21 00:46	1

Eurofins TestAmerica, Buffalo

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QC Sample Results

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-187859-1

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

100

Lab Sample ID: MB 480-592018/8

Matrix: Water

Surrogate

Analysis Batch: 592018

1,2-Dichloroethane-d4 (Surr)

4-Bromofluorobenzene (Surr)

Dibromofluoromethane (Surr)

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

08/07/21 00:46

 MB MB
 MB
 Prepared
 Analyzed
 Dil Fac

 108
 77 - 120
 08/07/21 00:46
 1

 92
 73 - 120
 08/07/21 00:46
 1

 105
 75 - 123
 08/07/21 00:46
 1

Lab Sample ID: LCS 480-592018/6 Client Sample ID: Lab Control Sample

80 - 120

Matrix: Water

Toluene-d8 (Surr)

Analysis Batch: 592018

Cheffic Sample ID. Lab Control Sample
Prep Type: Total/NA

,	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
1,1,1-Trichloroethane	25.0	25.1		ug/L		101	73 - 126	
1,1,2,2-Tetrachloroethane	25.0	26.0		ug/L		104	76 - 120	
1,1,2-Trichloro-1,2,2-trifluoroetha	25.0	23.5		ug/L		94	61 - 148	
ne								
1,1,2-Trichloroethane	25.0	24.3		ug/L		97	76 - 122	
1,1-Dichloroethane	25.0	25.0		ug/L		100	77 - 120	
1,1-Dichloroethene	25.0	22.7		ug/L		91	66 - 127	
1,2,4-Trichlorobenzene	25.0	22.2		ug/L		89	79 - 122	
1,2-Dibromo-3-Chloropropane	25.0	35.0	*+	ug/L		140	56 - 134	
1,2-Dibromoethane	25.0	25.7		ug/L		103	77 - 120	
1,2-Dichlorobenzene	25.0	23.3		ug/L		93	80 - 124	
1,2-Dichloroethane	25.0	23.6		ug/L		94	75 ₋ 120	
1,2-Dichloropropane	25.0	25.3		ug/L		101	76 - 120	
1,3-Dichlorobenzene	25.0	23.5		ug/L		94	77 - 120	
1,4-Dichlorobenzene	25.0	24.0		ug/L		96	80 - 120	
2-Butanone (MEK)	125	140		ug/L		112	57 - 140	
2-Hexanone	125	145		ug/L		116	65 _ 127	
4-Methyl-2-pentanone (MIBK)	125	133		ug/L		107	71 - 125	
Acetone	125	116		ug/L		93	56 ₋ 142	
Benzene	25.0	24.2		ug/L		97	71 _ 124	
Bromodichloromethane	25.0	27.3		ug/L		109	80 - 122	
Bromoform	25.0	29.4		ug/L		117	61 ₋ 132	
Bromomethane	25.0	23.0		ug/L		92	55 - 144	
Carbon disulfide	25.0	21.8		ug/L		87	59 ₋ 134	
Carbon tetrachloride	25.0	29.4		ug/L		118	72 ₋ 134	
Chlorobenzene	25.0	23.3		ug/L		93	80 _ 120	
Chloroethane	25.0	23.9		ug/L		96	69 - 136	
Chloroform	25.0	23.9		ug/L		96	73 ₋ 127	
Chloromethane	25.0	21.7		ug/L		87	68 - 124	
cis-1,2-Dichloroethene	25.0	23.2		ug/L		93	74 - 124	
cis-1,3-Dichloropropene	25.0	24.8		ug/L		99	74 - 124	
Cyclohexane	25.0	25.4		ug/L		102	59 - 135	
Dibromochloromethane	25.0	32.1	*+	ug/L		129	75 ₋ 125	
Dichlorodifluoromethane	25.0	25.3	•	ug/L		101	59 ₋ 135	
Ethylbenzene	25.0	23.9		ug/L		95	77 - 123	
Isopropylbenzene	25.0	24.3		ug/L		97	77 - 123 77 - 122	
Methyl acetate	50.0	53.2		ug/L		106	74 - 133	
Methyl tert-butyl ether	25.0	22.7				91	77 - 120	
•	25.0 25.0	25.2		ug/L		101	68 ₋ 134	
Methylcyclohexane	∠5.0	25.2		ug/L		101	00 - 134	

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

Job ID: 480-187859-1

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

Lab Sample ID: LCS 480-592018/6 **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA

Analysis Batch: 592018

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Methylene Chloride	25.0	23.4		ug/L		94	75 _ 124	
Styrene	25.0	24.1		ug/L		96	80 - 120	
Tetrachloroethene	25.0	22.5		ug/L		90	74 - 122	
Toluene	25.0	23.5		ug/L		94	80 _ 122	
trans-1,2-Dichloroethene	25.0	24.0		ug/L		96	73 _ 127	
trans-1,3-Dichloropropene	25.0	25.1		ug/L		100	80 _ 120	
Trichloroethene	25.0	24.3		ug/L		97	74 - 123	
Trichlorofluoromethane	25.0	24.7		ug/L		99	62 _ 150	
Vinyl chloride	25.0	22.6		ug/L		90	65 _ 133	

LCS LCS

%Recovery	Qualifier	Limits
107		77 - 120
95		73 - 120
100		75 - 123
100		80 - 120
	107 95 100	107 95 100

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

Lab Sample ID: MB 480-591725/1

Matrix: Water

Analysis Batch: 591725

MB MB

Analyte	Result Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND ND	1.0	1.0	mg/L			08/04/21 14:14	1

Lab Sample ID: LCS 480-591725/2 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Water

Analysis Batch: 591725

	Spike	LCS	LCS			%Rec.	
Analyte	Added	Result	Qualifier Uni	t D	%Rec	Limits	
Total Suspended Solids	374	368.0	mg/	L	99	88 - 110	

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-592051/1 Client Sample ID: Method Blank **Matrix: Water** Prep Type: Total/NA

Analysis Batch: 592051

мв мв

Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND	10.0	4.0	mg/L			08/06/21 13:44	1

Lab Sample ID: LCS 480-592051/2 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Water

Analysis Batch: 592051

-	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Total Dissolved Solids	503	486.0		ma/L	_	97	85 - 115	

Eurofins TestAmerica, Buffalo

Client Sample ID: Method Blank

Prep Type: Total/NA

QC Association Summary

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

Job ID: 480-187859-1

GC/MS VOA

Analysis Batch: 592018

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batcl
480-187859-2	BETWEEN CARBONS 080221	Total/NA	Water	8260C	
480-187859-3	EFFLUENT - GRAB 080221	Total/NA	Wastewater	8260C	
MB 480-592018/8	Method Blank	Total/NA	Water	8260C	
LCS 480-592018/6	Lab Control Sample	Total/NA	Water	8260C	

General Chemistry

Analysis Batch: 591725

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-187859-1	EFFLUENT - COMP 080221	Total/NA	Wastewater	SM 2540D	
MB 480-591725/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-591725/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 592051

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-187859-1	EFFLUENT - COMP 080221	Total/NA	Wastewater	SM2540 C	
MB 480-592051/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-592051/2	Lab Control Sample	Total/NA	Water	SM2540 C	

Lab Chronicle

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

Job ID: 480-187859-1

Client Sample ID: EFFLUENT - COMP 080221

Lab Sample ID: 480-187859-1 Date Collected: 08/02/21 07:00

Matrix: Wastewater

Date Received: 08/03/21 08:00

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	591725	08/04/21 14:15	JGO	TAL BUF
Total/NA	Analysis	SM2540 C		1	592051	08/06/21 13:44	CSS	TAL BUF

Client Sample ID: BETWEEN CARBONS 080221

Lab Sample ID: 480-187859-2

Matrix: Water

Date Collected: 08/02/21 07:00 Date Received: 08/03/21 08:00

Batch Dilution Batch Batch Prepared Prep Type Туре Method Run Factor Number or Analyzed Analyst Lab Total/NA 8260C 592018 08/07/21 05:01 AXK TAL BUF Analysis

Client Sample ID: EFFLUENT - GRAB 080221

Lab Sample ID: 480-187859-3

Matrix: Wastewater

Date Collected: 08/02/21 07:00 Date Received: 08/03/21 08:00

Batch Batch Dilution Batch Prepared Prep Type Method Run Factor Number or Analyzed Analyst Type Lab 8260C 592018 08/07/21 05:24 TAL BUF Total/NA Analysis AXK

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: 480-187859-1

Laboratory: Eurofins TestAmerica, Buffalo

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

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

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Method Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-187859-1

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: 480-187859-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-187859-1	EFFLUENT - COMP 080221	Wastewater	08/02/21 07:00	08/03/21 08:00
480-187859-2	BETWEEN CARBONS 080221	Water	08/02/21 07:00	08/03/21 08:00
480-187859-3	EFFLUENT - GRAB 080221	Wastewater	08/02/21 07:00	08/03/21 08:00

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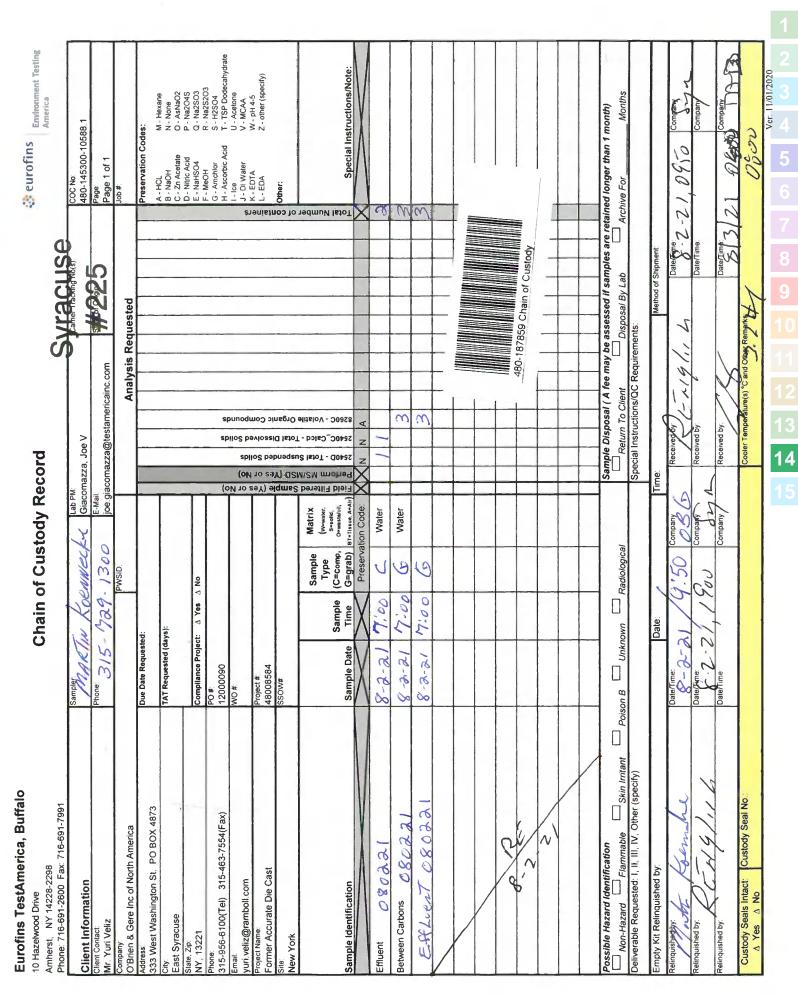
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Client: O'Brien & Gere Inc of North America

Job Number: 480-187859-1

Login Number: 187859 List Source: Eurofins TestAmerica, Buffalo

List Number: 1 Creator: Stopa, Erik S

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

Eurofins TestAmerica, Buffalo



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 480-188219-1

Client Project/Site: Former Accurate Die Cast

For:

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

Attn: Mr. David J Carnevale

Ty-

Authorized for release by: 8/23/2021 10:16:26 AM Rebecca Jones, Project Management Assistant I Rebecca.Jones@Eurofinset.com

Designee for

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

joe.giacomazza@testamericainc.com

LINKS

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

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

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

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Definitions/Glossary

Client: O'Brien & Gere Inc of North America

Job ID: 480-188219-1

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

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

Toxicity Equivalent Factor (Dioxin)

Too Numerous To Count

Toxicity Equivalent Quotient (Dioxin)

Eurofins TestAmerica, Buffalo

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Case Narrative

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-188219-1

Job ID: 480-188219-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-188219-1

Comments

No additional comments.

Receipt

The sample was received on 8/12/2021 8:00 AM. Unless otherwise noted below, the sample arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.6° 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: 480-188219-1

Client Sample ID: EFFLUENT 081121

Lab Sample ID: 480-188219-1

Analyte	Result Qualifier	RL	MDL Unit	Dil Fac D	Method	Prep Type
Total Dissolved Solids	654	10.0	4.0 mg/L		SM2540 C	Total/NA

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

Client Sample ID: EFFLUENT 081121

Lab Sample ID: 480-188219-1

Matrix: Water

Job ID: 480-188219-1

Date Collected: 08/11/21 07:15 Date Received: 08/12/21 08:00

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	654		10.0	4.0	mg/L			08/16/21 11:50	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			08/17/21 14:32	1

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QC Sample Results

Client: O'Brien & Gere Inc of North America

Job ID: 480-188219-1

Project/Site: Former Accurate Die Cast

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

MD MD

Lab Sample ID: MB 480-593133/1 Client Sample ID: Method Blank

Matrix: Water

Analysis Batch: 593133

	IVID	IAID							
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		1.0	1.0	mg/L			08/17/21 14:32	1

Lab Sample ID: LCS 480-593133/2 **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA

Analysis Batch: 593133

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Total Suspended Solids	335	334.4		mg/L		100	88 - 110	

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-592960/1 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 592960

MB MB Dil Fac Analyte Result Qualifier RLMDL Unit Prepared Analyzed Total Dissolved Solids ND 10.0 4.0 mg/L 08/16/21 11:50

Lab Sample ID: LCS 480-592960/2 Client Sample ID: Lab Control Sample Prep Type: Total/NA

Matrix: Water

Analysis Batch: 592960

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Total Dissolved Solids	 503	485.0		mg/L		96	85 _ 115	

Prep Type: Total/NA

QC Association Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-188219-1

General Chemistry

Analysis Batch: 592960

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188219-1	EFFLUENT 081121	Total/NA	Water	SM2540 C	
MB 480-592960/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-592960/2	Lab Control Sample	Total/NA	Water	SM2540 C	

Analysis Batch: 593133

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188219-1	EFFLUENT 081121	Total/NA	Water	SM 2540D	<u> </u>
MB 480-593133/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-593133/2	Lab Control Sample	Total/NA	Water	SM 2540D	

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Lab Chronicle

Client: O'Brien & Gere Inc of North America Job ID: 480-188219-1

Project/Site: Former Accurate Die Cast

Date Received: 08/12/21 08:00

Client Sample ID: EFFLUENT 081121

Lab Sample ID: 480-188219-1 Date Collected: 08/11/21 07:15

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	593133	08/17/21 14:32	JGO	TAL BUF
Total/NA	Analysis	SM2540 C		1	592960	08/16/21 11:50	JGO	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: 480-188219-1

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	Pr	ogram	Identification Number	Expiration Date 04-01-22	
New York	NE	LAP	10026		
The following analytes	are included in this report, but	t the laboratory is not certifi	ied by the governing authority. This list ma	ay include analytes for wh	
The following analytes the agency does not of	. ,	t the laboratory is not certifi	ied by the governing authority. This list ma	ay include analytes for wh	
,	. ,	t the laboratory is not certifi Matrix	ied by the governing authority. This list ma Analyte	ay include analytes for w	

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Method Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-188219-1

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: 480-188219-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-188219-1	EFFLUENT 081121	Water	08/11/21 07:15	08/12/21 08:00

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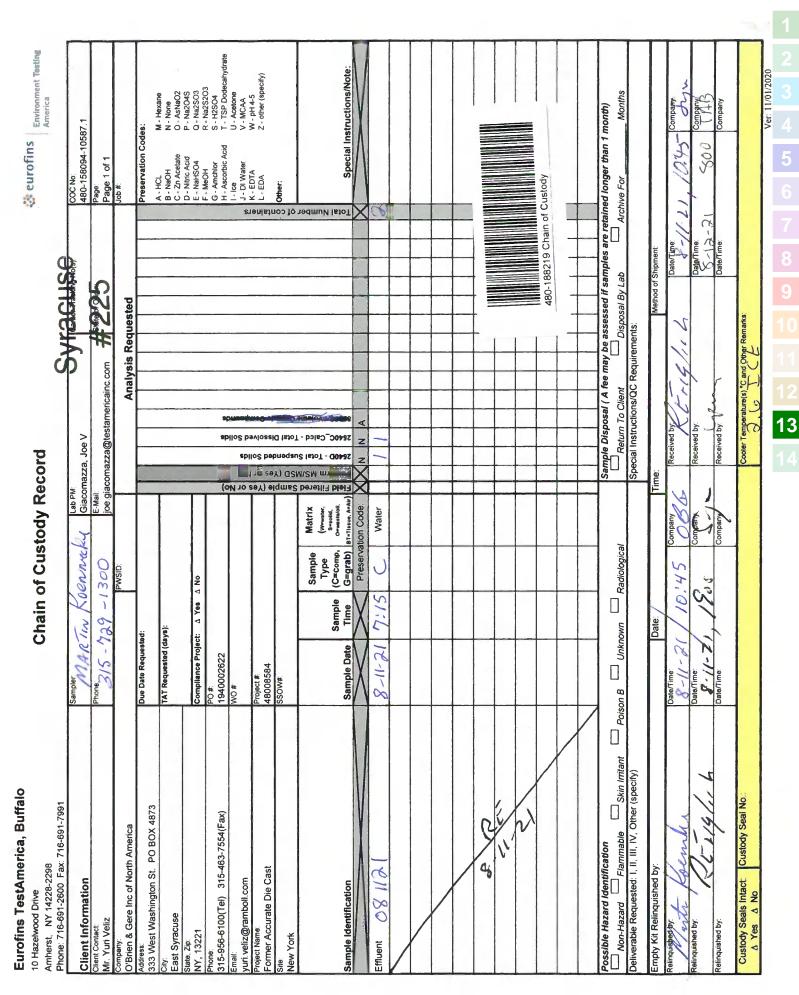
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Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America Job Number: 480-188219-1

Login Number: 188219 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	True	Comment
background		
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or	True	
tampered with.		
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	

8/23/2021

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: 480-188348-1

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: 8/26/2021 12:20:47 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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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: 480-188348-1

Qualifiers

GC/MS VOA

 Qualifier
 Qualifier Description

 *+
 LCS and/or LCSD is outside acceptance limits, high biased.

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
POL Practical Quantitat

PQL Practical Quantitation Limit

PRES Presumptive
QC Quality Control

RER Relative Error Ratio (Radiochemistry)

RL Reporting Limit or Requested Limit (Radiochemistry)

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

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

TNTC Too Numerous To Count

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Case Narrative

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-188348-1

Job ID: 480-188348-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-188348-1

Comments

No additional comments.

Receipt

The samples were received on 8/17/2021 8:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.3° C.

GC/MS VOA

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-593057 recovered above the upper control limit for 1,2-Dibromo-3-Chloropropane, 2-Hexanone, Carbon tetrachloride, Chlorodibromomethane and Dichlorobromomethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: Effluent 081621 Grab (480-188348-2).

Method 8260C: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 480-593057 recovered outside control limits for the following analytes: 1,2-Dibromo-3-Chloropropane, Bromoform and Chlorodibromomethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported. The associated sample is impacted: Effluent 081621 Grab (480-188348-2).

No additional analytical or quality issues were noted, other than those described above or 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: 480-188348-1

Lab Sample ID: 480-188348-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	734		10.0	4.0	mg/L	1		SM2540 C	Total/NA

Client Sample ID: Effluent 081621 Grab Lab Sample ID: 480-188348-2

Analyte	Result Qualifier	RL	MDL Unit	Dil Fac D Method	Prep Type
Acetone	5.4 J	10	3.0 ug/L	1 8260C	Total/NA

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Client Sample Results

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

Date Received: 08/17/21 08:00

Lab Sample ID: 480-188348-1

Client Sample ID: Effluent 081621 Comp Date Collected: 08/16/21 07:00

Matrix: Water

Job ID: 480-188348-1

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	734		10.0	4.0	mg/L			08/19/21 16:12	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			08/17/21 16:38	1

Client Sample ID: Effluent 081621 Grab

Lab Sample ID: 480-188348-2

Date Collected: 08/16/21 07:00 **Matrix: Water** Date Received: 08/17/21 08:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			08/17/21 20:34	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/17/21 20:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/17/21 20:34	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/17/21 20:34	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/17/21 20:34	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/17/21 20:34	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/17/21 20:34	1
1,2-Dibromo-3-Chloropropane	ND	*+	1.0	0.39	ug/L			08/17/21 20:34	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/17/21 20:34	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/17/21 20:34	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/17/21 20:34	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/17/21 20:34	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/17/21 20:34	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/17/21 20:34	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/17/21 20:34	1
2-Hexanone	ND		5.0	1.2	ug/L			08/17/21 20:34	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/17/21 20:34	1
Acetone	5.4	J	10	3.0	ug/L			08/17/21 20:34	1
Benzene	ND		1.0	0.41	ug/L			08/17/21 20:34	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/17/21 20:34	1
Bromoform	ND	*+	1.0	0.26	ug/L			08/17/21 20:34	1
Bromomethane	ND		1.0	0.69	ug/L			08/17/21 20:34	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/17/21 20:34	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/17/21 20:34	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/17/21 20:34	1
Chloroethane	ND		1.0	0.32	ug/L			08/17/21 20:34	1
Chloroform	ND		1.0	0.34	ug/L			08/17/21 20:34	1
Chloromethane	ND		1.0	0.35	ug/L			08/17/21 20:34	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/17/21 20:34	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/17/21 20:34	1
Cyclohexane	ND		1.0	0.18	ug/L			08/17/21 20:34	1
Dibromochloromethane	ND	*+	1.0	0.32	ug/L			08/17/21 20:34	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/17/21 20:34	1
Ethylbenzene	ND		1.0	0.74				08/17/21 20:34	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/17/21 20:34	1
Methyl acetate	ND		2.5	1.3	ug/L			08/17/21 20:34	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/17/21 20:34	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/17/21 20:34	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/17/21 20:34	1
Styrene	ND		1.0		ug/L			08/17/21 20:34	1

Eurofins TestAmerica, Buffalo

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Client Sample Results

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

Job ID: 480-188348-1

Client Sample ID: Effluent 081621 Grab

Lab Sample ID: 480-188348-2 Date Collected: 08/16/21 07:00 Date Received: 08/17/21 08:00

Matrix: Water

Method: 8260C - Volatile Orga	nic Compounds by (GC/MS (Continued)						
Analyte	Result Qu	ıalifier RI	. MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND ND	1.0	0.36	ug/L			08/17/21 20:34	1
Toluene	ND	1.0	0.51	ug/L			08/17/21 20:34	1
trans-1,2-Dichloroethene	ND	1.0	0.90	ug/L			08/17/21 20:34	1
trans-1,3-Dichloropropene	ND	1.0	0.37	ug/L			08/17/21 20:34	1
Trichloroethene	ND	1.0	0.46	ug/L			08/17/21 20:34	1
Trichlorofluoromethane	ND	1.0	0.88	ug/L			08/17/21 20:34	1
Vinyl chloride	ND	1.0	0.90	ug/L			08/17/21 20:34	1
Xylenes, Total	ND	2.0	0.66	ug/L			08/17/21 20:34	1
Surrogate	%Recovery Qu	ualifier Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103	77 - 120	-		_		08/17/21 20:34	1
4-Bromofluorobenzene (Surr)	99	73 - 120					08/17/21 20:34	1
Dibromofluoromethane (Surr)	103	75 - 123					08/17/21 20:34	1
Toluene-d8 (Surr)	94	80 - 120					08/17/21 20:34	1

Surrogate Summary

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

Job ID: 480-188348-1

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

Matrix: Water Prep Type: Total/NA

_				Percent Sui	rogate Rec
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(75-123)	(80-120)
480-188348-2	Effluent 081621 Grab	103	99	103	94
LCS 480-593057/5	Lab Control Sample	100	97	105	98
MB 480-593057/8	Method Blank	99	98	99	98
Surrogate Legend					

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

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

QC Sample Results

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-188348-1

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

Lab Sample ID: MB 480-593057/8 Matrix: Water

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

	МВ	мВ							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			08/17/21 13:06	
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/17/21 13:06	
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/17/21 13:06	
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/17/21 13:06	
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/17/21 13:06	
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/17/21 13:06	
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/17/21 13:06	
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/17/21 13:06	
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/17/21 13:06	
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/17/21 13:06	
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/17/21 13:06	
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/17/21 13:06	
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/17/21 13:06	
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/17/21 13:06	
2-Butanone (MEK)	ND		10		ug/L			08/17/21 13:06	
2-Hexanone	ND		5.0		ug/L			08/17/21 13:06	
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	_			08/17/21 13:06	
Acetone	ND		10		ug/L			08/17/21 13:06	
Benzene	ND		1.0		ug/L			08/17/21 13:06	
Bromodichloromethane	ND		1.0		-			08/17/21 13:06	
Bromoform	ND		1.0		ug/L			08/17/21 13:06	
Bromomethane	ND		1.0		ug/L			08/17/21 13:06	
Carbon disulfide	ND		1.0		ug/L			08/17/21 13:06	
Carbon tetrachloride	ND		1.0		ug/L			08/17/21 13:06	
Chlorobenzene	ND		1.0		ug/L			08/17/21 13:06	
Chloroethane	ND		1.0		ug/L			08/17/21 13:06	
Chloroform	ND		1.0		ug/L			08/17/21 13:06	
Chloromethane	ND		1.0		ug/L			08/17/21 13:06	
cis-1,2-Dichloroethene	ND		1.0		ug/L			08/17/21 13:06	
cis-1,3-Dichloropropene	ND		1.0		ug/L			08/17/21 13:06	
Cyclohexane	ND		1.0		ug/L			08/17/21 13:06	
Dibromochloromethane	ND		1.0		ug/L			08/17/21 13:06	
Dichlorodifluoromethane	ND		1.0		•			08/17/21 13:06	
	ND				ug/L			08/17/21 13:06	
Ethylbenzene	ND ND		1.0 1.0		ug/L				
Isopropylbenzene					ug/L			08/17/21 13:06	
Methyl acetate	ND		2.5		ug/L			08/17/21 13:06	
Methyl tert-butyl ether	ND		1.0		ug/L			08/17/21 13:06	
Methylcyclohexane	ND		1.0		ug/L			08/17/21 13:06	
Methylene Chloride	ND		1.0		ug/L			08/17/21 13:06	
Styrene	ND		1.0		ug/L			08/17/21 13:06	
Tetrachloroethene	ND		1.0		ug/L			08/17/21 13:06	
Toluene	ND		1.0		ug/L			08/17/21 13:06	
trans-1,2-Dichloroethene	ND		1.0		ug/L			08/17/21 13:06	
trans-1,3-Dichloropropene	ND		1.0		ug/L			08/17/21 13:06	
Trichloroethene	ND		1.0	0.46	ug/L			08/17/21 13:06	
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/17/21 13:06	
Vinyl chloride	ND		1.0	0.90	ug/L			08/17/21 13:06	
Xylenes, Total	ND		2.0	0.66	ug/L			08/17/21 13:06	

Eurofins TestAmerica, Buffalo

8/26/2021

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QC Sample Results

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

Job ID: 480-188348-1

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

Lab Sample ID: MB 480-593057/8

Lab Sample ID: LCS 480-593057/5

Matrix: Water

Analysis Batch: 593057

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

MB MB

Surrogate	%Recovery (Qualifier Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99	77 - 120		08/17/21 13:06	1
4-Bromofluorobenzene (Surr)	98	73 - 120		08/17/21 13:06	1
Dibromofluoromethane (Surr)	99	75 - 123		08/17/21 13:06	1
Toluene-d8 (Surr)	98	80 - 120		08/17/21 13:06	1

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analysis Batch: 593057

Matrix: Water

	Spike	LCS	LCS				%Rec.
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits
1,1,1-Trichloroethane	25.0	27.6		ug/L		110	73 - 126
1,1,2,2-Tetrachloroethane	25.0	26.0		ug/L		104	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroetha	25.0	26.3		ug/L		105	61 - 148
ne							
1,1,2-Trichloroethane	25.0	24.9		ug/L		100	76 - 122
1,1-Dichloroethane	25.0	25.9		ug/L		104	77 - 120
1,1-Dichloroethene	25.0	25.0		ug/L		100	66 - 127
1,2,4-Trichlorobenzene	25.0	23.1		ug/L		92	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	36.1	*+	ug/L		144	56 - 134
1,2-Dibromoethane	25.0	25.8		ug/L		103	77 - 120
1,2-Dichlorobenzene	25.0	23.5		ug/L		94	80 - 124
1,2-Dichloroethane	25.0	24.4		ug/L		98	75 - 120
1,2-Dichloropropane	25.0	26.0		ug/L		104	76 - 120
1,3-Dichlorobenzene	25.0	23.9		ug/L		96	77 - 120
1,4-Dichlorobenzene	25.0	24.6		ug/L		98	80 - 120
2-Butanone (MEK)	125	140		ug/L		112	57 - 140
2-Hexanone	125	159		ug/L		127	65 _ 127
4-Methyl-2-pentanone (MIBK)	125	133		ug/L		106	71 - 125
Acetone	125	144		ug/L		115	56 - 142
Benzene	25.0	25.2		ug/L		101	71 - 124
Bromodichloromethane	25.0	30.3		ug/L		121	80 - 122
Bromoform	25.0	35.1	*+	ug/L		140	61 - 132
Bromomethane	25.0	23.4		ug/L		94	55 - 144
Carbon disulfide	25.0	24.7		ug/L		99	59 - 134
Carbon tetrachloride	25.0	33.5		ug/L		134	72 - 134
Chlorobenzene	25.0	24.0		ug/L		96	80 - 120
Chloroethane	25.0	27.0		ug/L		108	69 - 136
Chloroform	25.0	24.8		ug/L		99	73 - 127
Chloromethane	25.0	20.4		ug/L		82	68 - 124
cis-1,2-Dichloroethene	25.0	24.5		ug/L		98	74 - 124
cis-1,3-Dichloropropene	25.0	27.4		ug/L		110	74 - 124
Cyclohexane	25.0	26.8		ug/L		107	59 - 135
Dibromochloromethane	25.0	34.9	*+	ug/L		140	75 - 125
Dichlorodifluoromethane	25.0	16.1		ug/L		65	59 ₋ 135
Ethylbenzene	25.0	24.2		ug/L		97	77 _ 123
Isopropylbenzene	25.0	24.4		ug/L		98	77 ₋ 122
Methyl acetate	50.0	52.2		ug/L		104	74 ₋ 133
Methyl tert-butyl ether	25.0	24.1		ug/L		96	77 - 120
Methylcyclohexane	25.0	26.5		ug/L		106	68 - 134

Eurofins TestAmerica, Buffalo

Page 10 of 18

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

Job ID: 480-188348-1

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

Lab Sample ID: LCS 480-593057/5

Matrix: Water Analysis Batch: 593057 Client Sample ID: Lab Control Sample Prep Type: Total/NA

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Type: Total/NA

Prep Type: Total/NA

Prep Type: Total/NA

Spike LCS LCS %Rec. Analyte Added Result Qualifier %Rec Limits Unit Methylene Chloride 25.0 27.9 75 - 124 ug/L 112 Styrene 25.0 24.8 ug/L 99 80 - 120 Tetrachloroethene 25.0 74 - 122 24.0 ug/L 96 Toluene 25.0 23.8 ug/L 95 80 - 122 73 - 127 trans-1,2-Dichloroethene 25.0 24.6 99 ug/L trans-1,3-Dichloropropene 25.0 27.7 ug/L 111 80 - 120 25.0 24.5 98 74 - 123 Trichloroethene ug/L Trichlorofluoromethane 25.0 27.6 ug/L 110 62 - 15065 - 133 Vinyl chloride 25.0 22.7 ug/L

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	100		77 - 120
4-Bromofluorobenzene (Surr)	97		73 - 120
Dibromofluoromethane (Surr)	105		75 - 123
Toluene-d8 (Surr)	98		80 - 120

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

Lab Sample ID: MB 480-593156/1

Matrix: Water

Analysis Batch: 593156

MR MR

Result Qualifier RL **RL** Unit Prepared Analyzed Dil Fac Total Suspended Solids ND 1.0 1.0 mg/L 08/17/21 16:38

Lab Sample ID: LCS 480-593156/2

Matrix: Water

Analysis Batch: 593156

Analysis Baton, 600 100	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Total Suspended Solids	1360	1346		mg/L		99	88 - 110	

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-593491/1

Matrix: Water

Analysis Batch: 593491

MB MB

Result Qualifier RL MDL Unit Dil Fac Analyte Prepared Analyzed 10.0 08/19/21 16:12 **Total Dissolved Solids** ND 4.0 mg/L

Lab Sample ID: LCS 480-593491/2

Matrix: Water

Analysis Batch: 593491

•	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Total Dissolved Solids	503	505.0		mg/L		100	85 - 115	

Eurofins TestAmerica, Buffalo

QC Association Summary

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

Job ID: 480-188348-1

GC/MS VOA

Analysis Batch: 593057

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188348-2	Effluent 081621 Grab	Total/NA	Water	8260C	
MB 480-593057/8	Method Blank	Total/NA	Water	8260C	
LCS 480-593057/5	Lab Control Sample	Total/NA	Water	8260C	

General Chemistry

Analysis Batch: 593156

Lab Sample ID 480-188348-1	Client Sample ID Effluent 081621 Comp	Prep Type Total/NA	Matrix Water	Method SM 2540D	Prep Batch
MB 480-593156/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-593156/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 593491

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188348-1	Effluent 081621 Comp	Total/NA	Water	SM2540 C	
MB 480-593491/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-593491/2	Lab Control Sample	Total/NA	Water	SM2540 C	

Lab Chronicle

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

Job ID: 480-188348-1

Client Sample ID: Effluent 081621 Comp

Lab Sample ID: 480-188348-1 Date Collected: 08/16/21 07:00

Matrix: Water

Date Received: 08/17/21 08:00

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	593156	08/17/21 16:38	JGO	TAL BUF
Total/NA	Analysis	SM2540 C		1	593491	08/19/21 16:12	CSS	TAL BUF

Client Sample ID: Effluent 081621 Grab

Lab Sample ID: 480-188348-2

Matrix: Water

Date Collected: 08/16/21 07:00 Date Received: 08/17/21 08:00

Batch Batch Dilution Batch Prepared Prep Type Type Method Run Factor Number or Analyzed Analyst Lab Total/NA Analysis 8260C 593057 08/17/21 20:34 AXK 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: 480-188348-1

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority		ogram	Identification Number	Expiration Date	
New York	NE	LAP	10026	04-01-22	
The following analytes	are included in this report, but	t the laboratory is not certifi	ied by the governing authority. This list ma	ay include analytes for wh	
The following analytes the agency does not of	. ,	t the laboratory is not certifi	ied by the governing authority. This list ma	ay include analytes for wh	
,	. ,	t the laboratory is not certifi Matrix	ied by the governing authority. This list ma Analyte	ay include analytes for w	

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Method Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-188348-1

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: 480-188348-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received		
480-188348-1	Effluent 081621 Comp	Water	08/16/21 07:00	08/17/21 08:00		
480-188348-2	Effluent 081621 Grab	Water	08/16/21 07:00	08/17/21 08:00		

1 0

The Complete The	The of North America Sample Date Phone	Chain of Custody Record America America
The or Near American	Thorie 215-1799 - 15 Thington St. PO BOX 4873 Thington St. Po BOX 48	Lab PN. Glacomazza, Joe V COC No. ARD-15-BOOK-17-BOOK-
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Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America Job Number: 480-188348-1

Login Number: 188348 List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Wallace, Cameron

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

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Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 480-188656-1

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: 8/31/2021 11:57:29 AM Rebecca Jones, Project Management Assistant I Rebecca.Jones@Eurofinset.com

Designee for

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

joe.giacomazza@testamericainc.com



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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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QC Sample Results	7
QC Association Summary	8
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Certification Summary	10
Method Summary	11
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Receint Checklists	14

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Definitions/Glossary

Client: O'Brien & Gere Inc of North America Job ID: 480-188656-1 Project/Site: Former Accurate Die Cast

Glossary

RPD

TEF

TEQ

TNTC

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

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

Toxicity Equivalent Factor (Dioxin)

Too Numerous To Count

Toxicity Equivalent Quotient (Dioxin)

Eurofins TestAmerica, Buffalo

Case Narrative

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-188656-1

Job ID: 480-188656-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-188656-1

Comments

No additional comments.

Receipt

The sample was received on 8/24/2021 10:00 AM. Unless otherwise noted below, the sample arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 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: 480-188656-1

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Client Sample ID: EFFLUENT 082321

Lab Sample ID: 480-188656-1

Analyte	Result Qualifier	RL	RL Unit	Dil Fac D	Method	Prep Type
Total Suspended Solids	4.4	4.0	4.0 mg/L	1	SM 2540D	Total/NA
Total Dissolved Solids	620	10.0	4.0 mg/L	1	SM2540 C	Total/NA

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Client Sample Results

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

Job ID: 480-188656-1

Client Sample ID: EFFLUENT 082321

Lab Sample ID: 480-188656-1 Date Collected: 08/23/21 07:00

Matrix: Water

Date Received: 08/24/21 10:00

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	620		10.0	4.0	mg/L			08/27/21 09:17	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	4.4		4.0	4.0	mg/L			08/25/21 11:50	1

QC Sample Results

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

Job ID: 480-188656-1

Prep Type: Total/NA

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

Lab Sample ID: MB 480-594048/1 Client Sample ID: Method Blank

Matrix: Water

Analysis Batch: 594048

MB MB Dil Fac Analyte Result Qualifier RLRL Unit D Prepared Analyzed Total Suspended Solids ND 1.0 1.0 mg/L 08/25/21 11:50

Lab Sample ID: LCS 480-594048/2 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Water

Analysis Batch: 594048

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Total Suspended Solids	290	284.0		mg/L		98	88 - 110	

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-594353/1 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 594353

MB MB Dil Fac Analyte Result Qualifier RLMDL Unit Prepared Analyzed Total Dissolved Solids ND 10.0 4.0 mg/L 08/27/21 09:17

Lab Sample ID: LCS 480-594353/2 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Water

Analysis Batch: 594353

	Spike	e LCS	LCS			%Rec.	
Analyte	Added	l Result	Qualifier Unit	D	%Rec	Limits	
Total Dissolved Solids	503	520.0	mg/L		103	85 - 115	

QC Association Summary

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

Job ID: 480-188656-1

General Chemistry

Analysis Batch: 594048

Lab Sam	ple ID CI	lient Sample ID	Prep Type	Matrix	Method	Prep Batch
480-1886	656-1 EF	FFLUENT 082321	Total/NA	Water	SM 2540D	
MB 480-	594048/1 Me	ethod Blank	Total/NA	Water	SM 2540D	
LCS 480	-594048/2 La	ab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 594353

Lab Sample ID 480-188656-1	Client Sample ID EFFLUENT 082321	Prep Type Total/NA	Matrix Water	Method SM2540 C	Prep Batch
MB 480-594353/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-594353/2	Lab Control Sample	Total/NA	Water	SM2540 C	

Lab Chronicle

Client: O'Brien & Gere Inc of North America Job ID: 480-188656-1

Project/Site: Former Accurate Die Cast

Date Received: 08/24/21 10:00

Client Sample ID: EFFLUENT 082321

Lab Sample ID: 480-188656-1 Date Collected: 08/23/21 07:00

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	594048	08/25/21 11:50	JGO	TAL BUF
Total/NA	Analysis	SM2540 C		1	594353	08/27/21 09:17	JGO	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: 480-188656-1

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	Pr	ogram	Identification Number	Expiration Date	
New York	NELAP		10026	04-01-22	
The following analytes	are included in this report by	it the laboratory is not certifi	ied by the governing authority. This list ma	and the second transfer of the	
the agency does not of		it the laboratory is not certifi	ed by the governing additionty. This list me	ay include analytes for whi	
,		Matrix	Analyte	ay include analytes for whi	

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Method Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-188656-1

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: 480-188656-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-188656-1	EFFLUENT 082321	Water	08/23/21 07:00	08/24/21 10:00

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Chain of Custody Record

Eurofins TestAmerica, Buffalo

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

eurofins Environment Testing America

Client Information	Sampler Clab PM:		Carrie (In cking No(s):	COC No:	
Client Contact:	IN NORMACKA	Giacomazza, Joe V	OVERCIEN	1 80-158067-10586.1	
Mr. Yuri Veliz	315-729-1300	E-Mail: joe.giacomazza@testamericainc.com	State of Origin:	Page.	
Company: O'Brien & Gere Inc of North America	VSID:	o civilon	#225	rage 1 of 1	
Address: 333 West Washington St DO ROX 4873	Due Date Requested:	Alialysis Requested		Proceeding Codon.	
City:	7 7 7 7				
East Syracuse	IA i Kequested (days):			A - HCL M - Hexane B - NaOH N - None	
State, Zip: NV 13221					
Phone:	Compliance Project: A Yes A No				
315-956-6100(Tel) 315-463-7554(Fax)	1940002622				
Email: Ivi iri valiz@ramboll com					ydrate
Project Name		spi	8	_	
Former Accurate Die Cast	Project #: 48008584	1 20	neri	K - EDTA	
Site:		эри	Bin		
New York		iadsi	00 1	Other:	
		:M/SM m³ u2 listoT - T - bolis2_	number o		
Sample Identification		O)10	A listo		
	Preservation Code:	7 7	от)	Special Instructions/Note:	ë
Effluent CO 3321		2 ~	X		
	7.00.1		Ce		
Q'					
~~					
N					
			480-188656 Chair 2		
Possible Hazard Identification		Sample Disposal / A for mary to	Custo		
Non-Hazard Flammable Skin Irritant	🗀 Poison B 🔠 Unknown 🗀 Radiological	Return To Client Discourt Bird of the Control of th	<i>'</i> —		
		Require	oosal by Lab	Archive For Months	
Empty Kit Relinquished by:	Date: /	Time	Market Market		
Relinquishegby	manus de la	- 1	Metriod of Shipment:		
Math Hombe	8-23-21/10:35 CARK	Keceivegoy Color III	Date Time:	Company	
Kelinquished by:	0 70/ / 0	Received by		Company	
Relinquished by:	2-61/1/00	Calmare	8/24/	21 /000/ 1x	
Custody Spale Intact: Oustody Spal No.	Airbail	Received by:	Date/Tir	Company	
A Yes A No		Cooler Temperature(s) °C and Other Remark	S S A		
				Ver: 06/08/2021	

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America Job Number: 480-188656-1

Login Number: 188656 List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Sabuda, Brendan D

Creator. Sabuda, Brendan D		
Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.8 #1 ICE
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	True	

Eurofins TestAmerica, Buffalo



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 480-188969-1

Client Project/Site: Former Accurate Die Cast

For:

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

Attn: Mr. David J Carnevale

Ty-

Authorized for release by: 9/8/2021 10:44:23 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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Definitions/Glossary

Client: O'Brien & Gere Inc of North America Job ID: 480-188969-1 Project/Site: Former Accurate Die Cast

Glossarv

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)
RL	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

9/8/2021

Case Narrative

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-188969-1

Job ID: 480-188969-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-188969-1

Comments

No additional comments.

Receipt

The sample was received on 9/1/2021 8:00 AM. Unless otherwise noted below, the sample arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.8° C.

General Chemistry

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

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Detection Summary

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

Job ID: 480-188969-1

Lab Sample ID: 480-188969-1

7 ID. 100-100303-1

Client Sample ID: EFFLUENT 083121

Analyte	Result Qualifier	RL	MDL Unit	Dil Fac D	Method	Prep Type
Total Dissolved Solids	710	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: 480-188969-1

09/01/21 13:35

Matrix: Water

Job ID: 480-188969-1

Client Sample ID: EFFLUENT 083121

Date Collected: 08/31/21 07:00 Date Received: 09/01/21 08:00

Total Suspended Solids

General Chemistry							
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	710	10.0	4.0 mg/L			09/02/21 11:49	1
Analyte	Result Qualifier	RL	RL Unit	D	Prepared	Analyzed	Dil Fac

4.0

4.0 mg/L

ND

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QC Sample Results

Client: O'Brien & Gere Inc of North America

Job ID: 480-188969-1

Prep Type: Total/NA

Project/Site: Former Accurate Die Cast

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

Lab Sample ID: MB 480-594966/1 Client Sample ID: Method Blank

Matrix: Water

Analysis Batch: 594966

MB MB Dil Fac Analyte Result Qualifier RLRL Unit D Prepared Analyzed Total Suspended Solids ND 1.0 1.0 mg/L 09/01/21 13:35

Lab Sample ID: LCS 480-594966/2 **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA

Analysis Batch: 594966

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Total Suspended Solids	 304	296.0		mg/L		97	88 - 110	

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-595104/1 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 595104

MB MB Dil Fac Analyte Result Qualifier RLMDL Unit Prepared Analyzed Total Dissolved Solids ND 10.0 4.0 mg/L 09/02/21 11:49

Lab Sample ID: LCS 480-595104/2 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Water

Analysis Batch: 595104

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Total Dissolved Solids	504	492.0		mg/L		98	85 - 115	

9/8/2021

QC Association Summary

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

Job ID: 480-188969-1

General Chemistry

Analysis Batch: 594966

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188969-1	EFFLUENT 083121	Total/NA	Water	SM 2540D	
MB 480-594966/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-594966/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 595104

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188969-1	EFFLUENT 083121	Total/NA	Water	SM2540 C	
MB 480-595104/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-595104/2	Lab Control Sample	Total/NA	Water	SM2540 C	

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Lab Chronicle

Client: O'Brien & Gere Inc of North America Job ID: 480-188969-1

Project/Site: Former Accurate Die Cast

Client Sample ID: EFFLUENT 083121

Lab Sample ID: 480-188969-1 Date Collected: 08/31/21 07:00

Matrix: Water

Date Received: 09/01/21 08:00

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	594966	09/01/21 13:35	JGO	TAL BUF
Total/NA	Analysis	SM2540 C		1	595104	09/02/21 11:49	JGO	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: 480-188969-1

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	P	rogram	Identification Number	Expiration Date	
New York	N	ELAP	10026	04-01-22	
The following analytes	are included in this report in	ut the laboratory is not certific	ed by the governing authority. This list ma	av include analytes for y	
0 ,	• •	ut the laboratory is not certific	ed by the governing authority. This list ma	ay include analytes for	
The following analytes the agency does not of	• •	ut the laboratory is not certific	ed by the governing authority. This list ma	ay include analytes for	
0 ,	• •	ut the laboratory is not certific Matrix	ed by the governing authority. This list ma	ay include analytes for v	

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Method Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-188969-1

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: 480-188969-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	
480-188969-1	EFFLUENT 083121	Water	08/31/21 07:00	09/01/21 08:00	

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Eurotins lestAmerica, Buffalo			*	į
Amherst, NY 14228-2298 Phone: 716-691-2600 Fax: 716-691-7991	Chain of Custody Record	ly Record		Environment America
Client Information	Sampler Sample Killin Killiam ist Es	Lab PM: Giacomazza Ioa V	SINGUANTO	COC No:
Client Contact: Mr. Yuri Veliz		E-Mail:		.0-158069-10586.1 ge:
Company. O'Brien & Gere Inc of North America	101	Joe.glacomazza@testamencainc.com	#225	Page 1 of 1 Job#:
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:	Analysis	Analysis Requested	Preservation Codes:
City. East Syracuse	TAT Requested (days):	T T	¥ 80 ·	A - HCL M - Hexane B - NaOH
pp: 3221	Compliance Project: A Yes A No	T		
00(Tel) 315-463-7554(Fax)	PO#: 1940002622	201		
Email: yuri.veliz@ramboll.com	WO#:	(e st		
Project Name: Former Accurate Die Cast	Project #: 48008584	7 40 8 01102 b	A80-188969 Chain of Custody	ain of Custody
Site: New York	SSOW#:	epueds	301	
Sample Identification	Sample (C=Comp.) Sample (W=Sample Date Time G=crah) Sample (C=Comp.) Sampl	Matrix Matrix (wwarzix - association Second Second	otal Number of	
	Preserva	Z Z	21	Special Instructions/No
Effluent 08819(8-31-21 M.CO. (WE	-	X F	
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Daneikle Heaved Ideath add				
tue	Poison B	Sample Disposal (A fee may	essed if samples are re	longer than 1 month)
, III, IV, Other (specify)		Special Instructions/QC Requirements:	Uisposal By Lab Archive Forements:	. For Months
Empty Kit Relinquished by:	Date:/	Time:	Method of Shipment:	
th Kruhu	Date/Time: 01/9:35 Company	0	71.7)	Company > 50
Relinquished by:	Date/Time: 15/1/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2	The Received by Will	Date: Time ()	0
s Intact Custody Seal No	(Application)		Dated me:	Company
Δ Yes Δ No		Cooler Temperature(s) °C and Other Remarks	er Remarks:	878
)

💸 eurofins Environment Testing America

Eurofins TestAmerica, Buffalo

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America Job Number: 480-188969-1

Login Number: 188969 List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Wallace, Cameron

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

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Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 480-189224-1

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: 9/15/2021 6:00:54 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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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: 480-189224-1

- Toject/Site. I offile: Accurate D

Glossary

RPD

TEF

TEQ

TNTC

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

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

Toxicity Equivalent Factor (Dioxin)

Too Numerous To Count

Toxicity Equivalent Quotient (Dioxin)

Eurofins TestAmerica, Buffalo

9/15/2021

Case Narrative

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-189224-1

Job ID: 480-189224-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-189224-1

Comments

No additional comments.

Receipt

The samples were received on 9/8/2021 8:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 4.2° C.

GC/MS VOA

Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: INFLUENT 090721 (480-189224-3). 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 Job ID: 480-189224-1

Prep Type

Total/NA

Client Sample ID: EFF 090721						Lat	Sample ID	: 480-189224-
	Result	Qualifier	RL	RL	Unit	Dil Fac	D Method	Prep Type
Total Suspended Solids	4.0		4.0	4.0	mg/L	1	SM 2540D	Total/NA
Total Dissolved Solids	607		10.0	4.0	mg/L	1	SM2540 C	Total/NA
Client Sample ID: BETWE Analyte		090721 Qualifier	RL	MDL	Unit	Lak Dil Fac	•	: 480-189224-
cis-1,2-Dichloroethene	6.1	<u> </u>	1.0	0.81	ug/L	1	8260C	Total/NA
Trichloroethene	4.4		1.0	0.46	ug/L	1	8260C	Total/NA
Trichloroethene 4.4 1.0 0.46 ug/L Client Sample ID: INFLUENT 090721						Lab	Sample ID	: 480-189224-

Client Sample ID: EFFLUENT 090721	Lab Sample ID: 480-189224-4

RL

8.0

MDL Unit

3.7 ug/L

Dil Fac D Method

8260C

8

Result Qualifier

320

No Detections.

Trichloroethene

Analyte

Client Sample ID: INFLUENT 090721 Lab Sample ID	D: 480-189224-5
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No Detections.

A E

This Detection Summary does not include radiochemical test results.

9/15/2021

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Client Sample Results

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

Lab Sample ID: 480-189224-1

Lab Sample ID: 480-189224-2

Matrix: Water

Matrix: Water

Job ID: 480-189224-1

Client Sample ID: EFF 090721

Date Collected: 09/07/21 07:15 Date Received: 09/08/21 08:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND	<u> </u>	0.010	0.0015	mg/L		09/09/21 09:33	09/09/21 22:56	1
Method: 7470A - Mercury (CVAA)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		09/08/21 13:10	09/08/21 16:28	1
General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	607		10.0	4.0	mg/L			09/08/21 14:11	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	4.0		4.0	4.0	mg/L			09/09/21 11:02	1

Client Sample ID: BETWEEN CARBONS 090721

Date Collected: 09/07/21 07:15

Date Received: 09/08/21 08:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/11/21 14:19	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/11/21 14:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			09/11/21 14:19	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/11/21 14:19	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/11/21 14:19	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			09/11/21 14:19	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/11/21 14:19	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/11/21 14:19	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/11/21 14:19	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/11/21 14:19	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/11/21 14:19	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/11/21 14:19	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/11/21 14:19	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/11/21 14:19	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/11/21 14:19	1
2-Hexanone	ND		5.0	1.2	ug/L			09/11/21 14:19	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/11/21 14:19	1
Acetone	ND		10	3.0	ug/L			09/11/21 14:19	1
Benzene	ND		1.0	0.41	ug/L			09/11/21 14:19	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/11/21 14:19	1
Bromoform	ND		1.0	0.26	ug/L			09/11/21 14:19	1
Bromomethane	ND		1.0	0.69	ug/L			09/11/21 14:19	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/11/21 14:19	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/11/21 14:19	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/11/21 14:19	1
Chloroethane	ND		1.0	0.32	ug/L			09/11/21 14:19	1
Chloroform	ND		1.0	0.34	ug/L			09/11/21 14:19	1
Chloromethane	ND		1.0	0.35	ug/L			09/11/21 14:19	1
cis-1,2-Dichloroethene	6.1		1.0	0.81	ug/L			09/11/21 14:19	1
cis-1,3-Dichloropropene	ND		1.0	0.36				09/11/21 14:19	1
Cyclohexane	ND		1.0	0.18	ug/L			09/11/21 14:19	1
Dibromochloromethane	ND		1.0	0.32	ua/L			09/11/21 14:19	1

Eurofins TestAmerica, Buffalo

9/15/2021

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4.0

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Client Sample Results

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

Lab Sample ID: 480-189224-2

Lab Sample ID: 480-189224-3

Matrix: Water

Matrix: Water

Job ID: 480-189224-1

Client Sample ID: BETWEEN CARBONS 090721

Date Collected: 09/07/21 07:15 Date Received: 09/08/21 08:00

Method: 8260C - Volatile Orga		•	•	MDI	1114	_	Danasas	A	D:: F
Analyte		Qualifier	RL	MDL		D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/11/21 14:19	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/11/21 14:19	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/11/21 14:19	1
Methyl acetate	ND		2.5	1.3	ug/L			09/11/21 14:19	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/11/21 14:19	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/11/21 14:19	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/11/21 14:19	1
Styrene	ND		1.0	0.73	ug/L			09/11/21 14:19	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/11/21 14:19	1
Toluene	ND		1.0	0.51	ug/L			09/11/21 14:19	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/11/21 14:19	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/11/21 14:19	1
Trichloroethene	4.4		1.0	0.46	ug/L			09/11/21 14:19	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/11/21 14:19	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/11/21 14:19	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/11/21 14:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		77 - 120			-		09/11/21 14:19	1
4-Bromofluorobenzene (Surr)	99		73 - 120					09/11/21 14:19	1
Dibromofluoromethane (Surr)	101		75 - 123					09/11/21 14:19	1
Toluene-d8 (Surr)	99		80 - 120					09/11/21 14:19	1

Client Sample ID: INFLUENT 090721

Date Collected: 09/07/21 07:15

Date Received: 09/08/21 08:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		8.0	6.6	ug/L			09/11/21 14:45	8
1,1,2,2-Tetrachloroethane	ND		8.0	1.7	ug/L			09/11/21 14:45	8
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.0	2.5	ug/L			09/11/21 14:45	8
1,1,2-Trichloroethane	ND		8.0	1.8	ug/L			09/11/21 14:45	8
1,1-Dichloroethane	ND		8.0	3.0	ug/L			09/11/21 14:45	8
1,1-Dichloroethene	ND		8.0	2.3	ug/L			09/11/21 14:45	8
1,2,4-Trichlorobenzene	ND		8.0	3.3	ug/L			09/11/21 14:45	8
1,2-Dibromo-3-Chloropropane	ND		8.0	3.1	ug/L			09/11/21 14:45	8
1,2-Dibromoethane	ND		8.0	5.8	ug/L			09/11/21 14:45	8
1,2-Dichlorobenzene	ND		8.0	6.3	ug/L			09/11/21 14:45	8
1,2-Dichloroethane	ND		8.0	1.7	ug/L			09/11/21 14:45	8
1,2-Dichloropropane	ND		8.0	5.8	ug/L			09/11/21 14:45	8
1,3-Dichlorobenzene	ND		8.0	6.2	ug/L			09/11/21 14:45	8
1,4-Dichlorobenzene	ND		8.0	6.7	ug/L			09/11/21 14:45	8
2-Butanone (MEK)	ND		80	11	ug/L			09/11/21 14:45	8
2-Hexanone	ND		40	9.9	ug/L			09/11/21 14:45	8
4-Methyl-2-pentanone (MIBK)	ND		40	17	ug/L			09/11/21 14:45	8
Acetone	ND		80	24	ug/L			09/11/21 14:45	8
Benzene	ND		8.0	3.3	ug/L			09/11/21 14:45	8
Bromodichloromethane	ND		8.0	3.1	ug/L			09/11/21 14:45	8
Bromoform	ND		8.0	2.1	ug/L			09/11/21 14:45	8

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Page 7 of 22 9/15/2021 Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast

Job ID: 480-189224-1

Lab Sample ID: 480-189224-3

Matrix: Water

Client Sample ID: INFLUENT 090721

Date Collected: 09/07/21 07:15 Date Received: 09/08/21 08:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		8.0	5.5	ug/L			09/11/21 14:45	8
Carbon disulfide	ND		8.0	1.5	ug/L			09/11/21 14:45	8
Carbon tetrachloride	ND		8.0	2.2	ug/L			09/11/21 14:45	8
Chlorobenzene	ND		8.0	6.0	ug/L			09/11/21 14:45	8
Chloroethane	ND		8.0	2.6	ug/L			09/11/21 14:45	8
Chloroform	ND		8.0	2.7	ug/L			09/11/21 14:45	8
Chloromethane	ND		8.0	2.8	ug/L			09/11/21 14:45	8
cis-1,2-Dichloroethene	ND		8.0	6.5	ug/L			09/11/21 14:45	8
cis-1,3-Dichloropropene	ND		8.0	2.9	ug/L			09/11/21 14:45	8
Cyclohexane	ND		8.0	1.4	ug/L			09/11/21 14:45	8
Dibromochloromethane	ND		8.0	2.6	ug/L			09/11/21 14:45	8
Dichlorodifluoromethane	ND		8.0	5.4	ug/L			09/11/21 14:45	8
Ethylbenzene	ND		8.0	5.9	ug/L			09/11/21 14:45	8
Isopropylbenzene	ND		8.0	6.3	ug/L			09/11/21 14:45	8
Methyl acetate	ND		20	10	ug/L			09/11/21 14:45	8
Methyl tert-butyl ether	ND		8.0	1.3	ug/L			09/11/21 14:45	8
Methylcyclohexane	ND		8.0	1.3	ug/L			09/11/21 14:45	8
Methylene Chloride	ND		8.0	3.5	ug/L			09/11/21 14:45	8
Styrene	ND		8.0	5.8	ug/L			09/11/21 14:45	8
Tetrachloroethene	ND		8.0	2.9	ug/L			09/11/21 14:45	8
Toluene	ND		8.0	4.1	ug/L			09/11/21 14:45	8
trans-1,2-Dichloroethene	ND		8.0	7.2	ug/L			09/11/21 14:45	8
trans-1,3-Dichloropropene	ND		8.0	3.0	ug/L			09/11/21 14:45	8
Trichloroethene	320		8.0	3.7	ug/L			09/11/21 14:45	8
Trichlorofluoromethane	ND		8.0	7.0	ug/L			09/11/21 14:45	8
Vinyl chloride	ND		8.0	7.2	ug/L			09/11/21 14:45	8
Xylenes, Total	ND		16	5.3	ug/L			09/11/21 14:45	8
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120			-		09/11/21 14:45	8
4-Bromofluorobenzene (Surr)	96		73 - 120					09/11/21 14:45	8
Dibromofluoromethane (Surr)	109		75 - 123					09/11/21 14:45	8
Toluene-d8 (Surr)	96		80 - 120					09/11/21 14:45	8

Client Sample ID: EFFLUENT 090721

Date Collected: 09/07/21 07:15 Date Received: 09/08/21 08:00

1,2-Dichlorobenzene

Lab Sample ID: 480-189224-4 Matrix: Water

Method: 8260C - Volatile Organic	Compounds by GC/MS							
Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND -	1.0	0.82	ug/L			09/11/21 15:09	1
1,1,2,2-Tetrachloroethane	ND	1.0	0.21	ug/L			09/11/21 15:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1.0	0.31	ug/L			09/11/21 15:09	1
1,1,2-Trichloroethane	ND	1.0	0.23	ug/L			09/11/21 15:09	1
1,1-Dichloroethane	ND	1.0	0.38	ug/L			09/11/21 15:09	1
1,1-Dichloroethene	ND	1.0	0.29	ug/L			09/11/21 15:09	1
1,2,4-Trichlorobenzene	ND	1.0	0.41	ug/L			09/11/21 15:09	1
1,2-Dibromo-3-Chloropropane	ND	1.0	0.39	ug/L			09/11/21 15:09	1
1,2-Dibromoethane	ND	1.0	0.73	ug/L			09/11/21 15:09	1

1.0

ND

0.79 ug/L

Eurofins TestAmerica, Buffalo

09/11/21 15:09

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Client Sample Results

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

Date Received: 09/08/21 08:00

Surrogate

Toluene-d8 (Surr)

1,2-Dichloroethane-d4 (Surr)

4-Bromofluorobenzene (Surr)

Dibromofluoromethane (Surr)

Job ID: 480-189224-1

Client Sample ID: EFFLUENT 090721

Lab Sample ID: 480-189224-4 Date Collected: 09/07/21 07:15

Matrix: Water

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/11/21 15:09	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/11/21 15:09	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/11/21 15:09	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/11/21 15:09	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/11/21 15:09	1
2-Hexanone	ND		5.0	1.2	ug/L			09/11/21 15:09	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/11/21 15:09	1
Acetone	ND		10	3.0	ug/L			09/11/21 15:09	1
Benzene	ND		1.0	0.41	ug/L			09/11/21 15:09	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/11/21 15:09	1
Bromoform	ND		1.0	0.26	ug/L			09/11/21 15:09	1
Bromomethane	ND		1.0	0.69	ug/L			09/11/21 15:09	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/11/21 15:09	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/11/21 15:09	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/11/21 15:09	1
Chloroethane	ND		1.0	0.32	ug/L			09/11/21 15:09	1
Chloroform	ND		1.0	0.34	ug/L			09/11/21 15:09	1
Chloromethane	ND		1.0	0.35	ug/L			09/11/21 15:09	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/11/21 15:09	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			09/11/21 15:09	1
Cyclohexane	ND		1.0	0.18	ug/L			09/11/21 15:09	1
Dibromochloromethane	ND		1.0	0.32	ug/L			09/11/21 15:09	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/11/21 15:09	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/11/21 15:09	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/11/21 15:09	1
Methyl acetate	ND		2.5	1.3	ug/L			09/11/21 15:09	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/11/21 15:09	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/11/21 15:09	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/11/21 15:09	1
Styrene	ND		1.0	0.73	ug/L			09/11/21 15:09	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/11/21 15:09	1
Toluene	ND		1.0	0.51	ug/L			09/11/21 15:09	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/11/21 15:09	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/11/21 15:09	1
Trichloroethene	ND		1.0	0.46	ug/L			09/11/21 15:09	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/11/21 15:09	1
Vinyl chloride	ND		1.0		ug/L			09/11/21 15:09	1
Xylenes, Total	ND		2.0		ug/L			09/11/21 15:09	1

Eurofins TestAmerica, Buffalo

9/15/2021

Analyzed

09/11/21 15:09

09/11/21 15:09

09/11/21 15:09

09/11/21 15:09

Dil Fac

Prepared

Limits

77 - 120

73 - 120

75 - 123

80 - 120

%Recovery Qualifier

99

103

99

Client Sample Results

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-189224-1

Client Sample ID: INFLUENT 090721

Date Collected: 09/07/21 07:15 Date Received: 09/08/21 08:00 Lab Sample ID: 480-189224-5

Matrix: Water

Method: 6010C - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		0.010	0.0015	mg/L		09/09/21 09:33	09/09/21 23:12	1
Method: 7470A - Mercury (CVAA)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		09/08/21 13:10	09/08/21 16:30	1

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Surrogate Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-189224-1

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

Matrix: Water Prep Type: Total/NA

				Percent Surrogate Rec		
		DCA	BFB	DBFM	TOL	
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(75-123)	(80-120)	
480-189224-2	BETWEEN CARBONS 090721	99	99	101	99	
480-189224-3	INFLUENT 090721	105	96	109	96	
480-189224-4	EFFLUENT 090721	99	103	99	99	
LCS 480-595969/5	Lab Control Sample	96	102	94	98	
MB 480-595969/7	Method Blank	100	98	99	100	

Surrogate Legend

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

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

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QC Sample Results

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

Job ID: 480-189224-1

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

Lab Sample ID: MB 480-595969/7

Matrix: Water

Analysis Batch: 595969

Client Sample ID: Method Blank

Prep Type: Total/NA

		MB				_			5 –
Analyte		Qualifier	RL _	MDL		<u>D</u> -	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			09/11/21 11:24	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			09/11/21 11:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0		ug/L			09/11/21 11:24	1
1,1,2-Trichloroethane	ND		1.0	0.23				09/11/21 11:24	1
1,1-Dichloroethane	ND		1.0		ug/L			09/11/21 11:24	1
1,1-Dichloroethene	ND		1.0		ug/L			09/11/21 11:24	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			09/11/21 11:24	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			09/11/21 11:24	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			09/11/21 11:24	1
1,2-Dichlorobenzene	ND		1.0		ug/L			09/11/21 11:24	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			09/11/21 11:24	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			09/11/21 11:24	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			09/11/21 11:24	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			09/11/21 11:24	1
2-Butanone (MEK)	ND		10	1.3	ug/L			09/11/21 11:24	1
2-Hexanone	ND		5.0	1.2	ug/L			09/11/21 11:24	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			09/11/21 11:24	1
Acetone	ND		10	3.0	ug/L			09/11/21 11:24	1
Benzene	ND		1.0	0.41	ug/L			09/11/21 11:24	1
Bromodichloromethane	ND		1.0	0.39	ug/L			09/11/21 11:24	1
Bromoform	ND		1.0	0.26	ug/L			09/11/21 11:24	1
Bromomethane	ND		1.0	0.69	ug/L			09/11/21 11:24	1
Carbon disulfide	ND		1.0	0.19	ug/L			09/11/21 11:24	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			09/11/21 11:24	1
Chlorobenzene	ND		1.0	0.75	ug/L			09/11/21 11:24	1
Chloroethane	ND		1.0	0.32	ug/L			09/11/21 11:24	1
Chloroform	ND		1.0		ug/L			09/11/21 11:24	1
Chloromethane	ND		1.0	0.35	ug/L			09/11/21 11:24	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			09/11/21 11:24	1
cis-1,3-Dichloropropene	ND		1.0		ug/L			09/11/21 11:24	1
Cyclohexane	ND		1.0	0.18	ug/L			09/11/21 11:24	1
Dibromochloromethane	ND		1.0	0.32	-			09/11/21 11:24	1
Dichlorodifluoromethane	ND		1.0		ug/L			09/11/21 11:24	1
Ethylbenzene	ND		1.0		ug/L			09/11/21 11:24	1
Isopropylbenzene	ND		1.0		ug/L			09/11/21 11:24	1
Methyl acetate	ND		2.5		ug/L			09/11/21 11:24	1
Methyl tert-butyl ether	ND		1.0	0.16				09/11/21 11:24	1
Methylcyclohexane	ND		1.0	0.16				09/11/21 11:24	1
Methylene Chloride	ND		1.0	0.44				09/11/21 11:24	1
Styrene	ND		1.0	0.73				09/11/21 11:24	1
Tetrachloroethene	ND		1.0	0.36				09/11/21 11:24	1
Toluene	ND		1.0	0.51	•			09/11/21 11:24	1
trans-1,2-Dichloroethene	ND		1.0	0.90				09/11/21 11:24	·
trans-1,3-Dichloropropene	ND		1.0	0.37				09/11/21 11:24	1
Trichloroethene	ND		1.0	0.46	-			09/11/21 11:24	1
Trichlorofluoromethane	ND		1.0	0.40				09/11/21 11:24	
Vinyl chloride	ND ND		1.0	0.90				09/11/21 11:24	1
viriyi Gilloffde	ND		1.0	0.90	ug/L			03/11/21 11.24	

Eurofins TestAmerica, Buffalo

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QC Sample Results

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

Job ID: 480-189224-1

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

100

Lab Sample ID: MB 480-595969/7

Matrix: Water

Surrogate

Analysis Batch: 595969

1,2-Dichloroethane-d4 (Surr)

4-Bromofluorobenzene (Surr)

Dibromofluoromethane (Surr)

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

09/11/21 11:24

MB MB Dil Fac %Recovery Qualifier Limits Prepared Analyzed 100 77 - 120 09/11/21 11:24 98 73 - 120 09/11/21 11:24 99 75 - 123 09/11/21 11:24

Client Sample ID: Lab Control Sample Lab Sample ID: LCS 480-595969/5 Prep Type: Total/NA

80 - 120

Matrix: Water

Toluene-d8 (Surr)

Analysis Batch: 595969

cis-1,3-Dichloropropene

Dibromochloromethane

Dichlorodifluoromethane

Cyclohexane

Ethylbenzene

Methyl acetate

Isopropylbenzene

Methyl tert-butyl ether

Methylcyclohexane

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
1,1,1-Trichloroethane	25.0	23.8		ug/L		95	73 - 126	
1,1,2,2-Tetrachloroethane	25.0	25.0		ug/L		100	76 - 120	
1,1,2-Trichloro-1,2,2-trifluoroetha	25.0	25.4		ug/L		102	61 ₋ 148	
ne								
1,1,2-Trichloroethane	25.0	24.2		ug/L		97	76 - 122	
1,1-Dichloroethane	25.0	23.4		ug/L		93	77 - 120	
1,1-Dichloroethene	25.0	24.0		ug/L		96	66 - 127	
1,2,4-Trichlorobenzene	25.0	24.6		ug/L		98	79 - 122	
1,2-Dibromo-3-Chloropropane	25.0	24.5		ug/L		98	56 - 134	
1,2-Dibromoethane	25.0	24.9		ug/L		99	77 - 120	
1,2-Dichlorobenzene	25.0	24.4		ug/L		98	80 - 124	
1,2-Dichloroethane	25.0	23.5		ug/L		94	75 _ 120	
1,2-Dichloropropane	25.0	23.2		ug/L		93	76 ₋ 120	
1,3-Dichlorobenzene	25.0	24.3		ug/L		97	77 - 120	
1,4-Dichlorobenzene	25.0	24.3		ug/L		97	80 _ 120	
2-Butanone (MEK)	125	135		ug/L		108	57 - 140	
2-Hexanone	125	136		ug/L		109	65 _ 127	
4-Methyl-2-pentanone (MIBK)	125	126		ug/L		101	71 - 125	
Acetone	125	131		ug/L		105	56 ₋ 142	
Benzene	25.0	24.1		ug/L		96	71 - 124	
Bromodichloromethane	25.0	24.4		ug/L		98	80 - 122	
Bromoform	25.0	24.2		ug/L		97	61 ₋ 132	
Bromomethane	25.0	21.0		ug/L		84	55 - 144	
Carbon disulfide	25.0	23.6		ug/L		94	59 ₋ 134	
Carbon tetrachloride	25.0	26.6		ug/L		106	72 - 134	
Chlorobenzene	25.0	24.7		ug/L		99	80 - 120	
Chloroethane	25.0	23.0		ug/L		92	69 - 136	
Chloroform	25.0	22.9		ug/L		92	73 - 127	
Chloromethane	25.0	24.7		ug/L		99	68 - 124	
cis-1,2-Dichloroethene	25.0	23.2		ug/L		93	74 ₋ 124	
				-				

Eurofins TestAmerica, Buffalo

74 - 124

59 - 135

75 - 125

59 - 135

77 - 123

77 - 122

74 - 133

77 - 120

68 - 134

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ug/L

Job ID: 480-189224-1

Client: O'Brien & Gere Inc of North America

Project/Site: Former Accurate Die Cast

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

Lab Sample ID: LCS 480-595969/5 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Water

Analysis Batch: 595969

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Methylene Chloride	25.0	23.5		ug/L		94	75 - 124	
Styrene	25.0	25.4		ug/L		102	80 - 120	
Tetrachloroethene	25.0	26.4		ug/L		106	74 - 122	
Toluene	25.0	23.4		ug/L		94	80 _ 122	
trans-1,2-Dichloroethene	25.0	24.7		ug/L		99	73 - 127	
trans-1,3-Dichloropropene	25.0	24.5		ug/L		98	80 _ 120	
Trichloroethene	25.0	23.8		ug/L		95	74 - 123	
Trichlorofluoromethane	25.0	24.4		ug/L		98	62 _ 150	
Vinyl chloride	25.0	24.2		ug/L		97	65 _ 133	

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	96		77 - 120
4-Bromofluorobenzene (Surr)	102		73 - 120
Dibromofluoromethane (Surr)	94		75 - 123
Toluene-d8 (Surr)	98		80 - 120

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-595693/1-A

Matrix: Water

Analysis Batch: 595875

MR MR

Analyte Result Qualifier RL MDL Unit Prepared Analyzed Zinc 0.010 ND 0.0015 mg/L 09/09/21 09:33 09/09/21 21:24

Lab Sample ID: LCS 480-595693/2-A

Matrix: Water

Analysis Batch: 595875							Prep Batch: 595693
	Spike	LCS	LCS				%Rec.
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits
Zinc	0.200	0.218		mg/L		109	80 - 120

Lab Sample ID: LCSD 480-595693/3-A

Matrix: Water

Analysis Batch: 595875							Prep	Batch: 5	95693
	Spike	LCSD	LCSD				%Rec.		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Zinc	0.200	0.216		mg/L		108	80 - 120	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-595573/1-A

Matrix: Water

Analysis Batch: 595632

мв мв

Analyte Mercury ND

Result Qualifier

MDL Unit RL 0.00020 0.000043 mg/L

Prepared 09/08/21 13:10

Prep Batch: 595573 Analyzed

Client Sample ID: Method Blank

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 595693

Prep Type: Total/NA

Prep Type: Total/NA

Dil Fac 09/08/21 16:11

Prep Type: Total/NA

Eurofins TestAmerica, Buffalo

Client: O'Brien & Gere Inc of North America

Project/Site: Former Accurate Die Cast

Job ID: 480-189224-1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 480-595573/2-A

Matrix: Water

Analysis Batch: 595632

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Spike LCS LCS Limits Analyte Added Result Qualifier %Rec Unit Mercury 0.00667 0.00660 mg/L 80 - 120

Prep Batch: 595573

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

Lab Sample ID: MB 480-595721/1

Matrix: Water

Analysis Batch: 595721

Client Sample ID: Method Blank

Prep Type: Total/NA

MB MB Result Qualifier RL **RL** Unit ND

мв мв

Total Suspended Solids

Prepared Dil Fac Analyzed 1.0 09/09/21 11:02 1.0 mg/L

Client Sample ID: Lab Control Sample Lab Sample ID: LCS 480-595721/2 **Matrix: Water** Prep Type: Total/NA

Analysis Batch: 595721

		Spike	LCS	LCS				%Rec.	
Analyte		Added	Result	Qualifier	Unit	D	%Rec	Limits	
Total Suspended Solids		498	498.0		mg/L		100	88 - 110	

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-595606/1

Matrix: Water

Analysis Batch: 595606

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

Prep Type: Total/NA

Client Sample ID: Lab Control Sample

Result Qualifier Analyte RLMDL Unit D Prepared Dil Fac Analyzed 10.0 **Total Dissolved Solids** ND 4.0 mg/L 09/08/21 14:11

Lab Sample ID: LCS 480-595606/2

Matrix: Water

Analysis Batch: 595606

	Spike	LCS	LCS			%Rec.	
Analyte	Added	Result	Qualifier	Unit D	%Re	c Limits	
Total Dissolved Solids	504	483.0		ma/L	9	6 85 ₋ 115	

Eurofins TestAmerica, Buffalo

QC Association Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-189224-1

GC/MS VOA

Analysis Batch: 595969

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Bate
480-189224-2	BETWEEN CARBONS 090721	Total/NA	Water	8260C	
480-189224-3	INFLUENT 090721	Total/NA	Water	8260C	
480-189224-4	EFFLUENT 090721	Total/NA	Water	8260C	
MB 480-595969/7	Method Blank	Total/NA	Water	8260C	
LCS 480-595969/5	Lab Control Sample	Total/NA	Water	8260C	

Metals

Prep Batch: 595573

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-189224-1	EFF 090721	Total/NA	Water	7470A	
480-189224-5	INFLUENT 090721	Total/NA	Water	7470A	
MB 480-595573/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-595573/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 595632

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-189224-1	EFF 090721	Total/NA	Water	7470A	595573
480-189224-5	INFLUENT 090721	Total/NA	Water	7470A	595573
MB 480-595573/1-A	Method Blank	Total/NA	Water	7470A	595573
LCS 480-595573/2-A	Lab Control Sample	Total/NA	Water	7470A	595573

Prep Batch: 595693

	Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method Prep Batch
	480-189224-1	EFF 090721	Total/NA	Water	3005A
	480-189224-5	INFLUENT 090721	Total/NA	Water	3005A
	MB 480-595693/1-A	Method Blank	Total/NA	Water	3005A
İ	LCS 480-595693/2-A	Lab Control Sample	Total/NA	Water	3005A
	LCSD 480-595693/3-A	Lab Control Sample Dup	Total/NA	Water	3005A

Analysis Batch: 595875

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-189224-1	EFF 090721	Total/NA	Water	6010C	595693
480-189224-5	INFLUENT 090721	Total/NA	Water	6010C	595693
MB 480-595693/1-A	Method Blank	Total/NA	Water	6010C	595693
LCS 480-595693/2-A	Lab Control Sample	Total/NA	Water	6010C	595693
LCSD 480-595693/3-A	Lab Control Sample Dup	Total/NA	Water	6010C	595693

General Chemistry

Analysis Batch: 595606

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-189224-1	EFF 090721	Total/NA	Water	SM2540 C	
MB 480-595606/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-595606/2	Lab Control Sample	Total/NA	Water	SM2540 C	

Analysis Batch: 595721

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-189224-1	EFF 090721	Total/NA	Water	SM 2540D	
MB 480-595721/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-595721/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Eurofins TestAmerica, Buffalo

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

Client Sample ID: EFF 090721

Lab Sample ID: 480-189224-1

Matrix: Water

Date Collected: 09/07/21 07:15 Date Received: 09/08/21 08:00

_	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	3005A			595693	09/09/21 09:33	ADM	TAL BUF
Total/NA	Analysis	6010C		1	595875	09/09/21 22:56	AMH	TAL BUF
Total/NA	Prep	7470A			595573	09/08/21 13:10	BMB	TAL BUF
Total/NA	Analysis	7470A		1	595632	09/08/21 16:28	BMB	TAL BUF
Total/NA	Analysis	SM 2540D		1	595721	09/09/21 11:02	JGO	TAL BUF
Total/NA	Analysis	SM2540 C		1	595606	09/08/21 14:11	JGO	TAL BUF

Client Sample ID: BETWEEN CARBONS 090721

Date Collected: 09/07/21 07:15

Date Received: 09/08/21 08:00

Lab Sample ID: 480-189224-2 **Matrix: Water**

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	595969	09/11/21 14:19	ATG	TAL BUF

Client Sample ID: INFLUENT 090721

Date Collected: 09/07/21 07:15

Date Received: 09/08/21 08:00

Lab Sample ID: 480-189224-3

Matrix: Water

Batch Batch Dilution Batch Prepared or Analyzed Method Factor Number Prep Type Type Run Analyst Lab 8260C Total/NA Analysis 8 595969 09/11/21 14:45 ATG TAL BUF

Client Sample ID: EFFLUENT 090721

Date Collected: 09/07/21 07:15

Date Received: 09/08/21 08:00

Lab Sample ID:	480-189224-4
	Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	595969	09/11/21 15:09	ATG	TAL BUF

Client Sample ID: INFLUENT 090721

Date Collected: 09/07/21 07:15

Date Received: 09/08/21 08:00

Lab Sample	ID: 480-189224-5
	Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	3005A			595693	09/09/21 09:33	ADM	TAL BUF
Total/NA	Analysis	6010C		1	595875	09/09/21 23:12	AMH	TAL BUF
Total/NA	Prep	7470A			595573	09/08/21 13:10	BMB	TAL BUF
Total/NA	Analysis	7470A		1	595632	09/08/21 16:30	BMB	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: 480-189224-1

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	P	rogram	Identification Number	Expiration Date
New York	N	ELAP	10026	04-01-22
The following analytes	are included in this report, b	ut the laboratory is not certif	ied by the governing authority. This list ma	av include analytes for w
0 ,	. ,	ut the laboratory is not certif	ied by the governing authority. This list ma	ay include analytes for w
The following analytes the agency does not of	. ,	ut the laboratory is not certif	ied by the governing authority. This list ma	ay include analytes for w
0 ,	. ,	ut the laboratory is not certif Matrix	ied by the governing authority. This list ma Analyte	ay include analytes for w

Eurofins TestAmerica, Buffalo

Method Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-189224-1

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: 480-189224-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-189224-1	EFF 090721	Water	09/07/21 07:15	09/08/21 08:00
480-189224-2	BETWEEN CARBONS 090721	Water	09/07/21 07:15	09/08/21 08:00
480-189224-3	INFLUENT 090721	Water	09/07/21 07:15	09/08/21 08:00
480-189224-4	EFFLUENT 090721	Water	09/07/21 07:15	09/08/21 08:00
480-189224-5	INFLUENT 090721	Water	09/07/21 07:15	09/08/21 08:00

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Eurofins TestAmerica, Buffalo

10 Hazelwood Drive Amherst, NY 14228-2298 Phone: 716-691-2600 Fax: 716-691-7991	Chain of Custody Record	dy Record	(eurofins Environment Testing America
		Lab PM:	Syracuse	
Client Information	MARTIN KOE WWeck,	Giacomazza, Joe V	Lamer Tracking No(s):	COC No: 480-145287-10589 1
Mr. Yuri Veliz	1739	E-Mail:	C 260 9 18	10001100011 Page:
Company: O'Brien & Gere Inc of North America				Page 1 of 1 Job #:
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:	Alialysis	Alarysis Requested	Preservation Codes:
City. East Syracuse	TAT Requested (days):	I		
State, Zp: NY, 13221	Compliance Project: A Yes A No			C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO# 12000090	s		
Email: yuri.veliz@ramboll.com	WO#:	sl Solids		Dodecahydrate
Project Name: Former Accurate Die Cast	Project #: 48008584	oiloS be		4-5 1-5 1 (specify)
Site: New York	SSOW#:	Spende spende otal Dis	480-189224 Chain of Custody	
Sample Identification	Sample Type (C=comp,	Matrix (wewater, weater) Matrix (wewater, weater) Matrix Ma	admil/ les	tal Mumber
Appent's	Preserva	2 56 82 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		Special Instructions/Note:
Effluent 090721	V-7-31 7:15			3
Between Carbons 6900 21	7:15 6	Water 3		- 04
3	5 6	Water 3		10
Effluent 090921	-21 7:15 G	3		~
Influent 090421	9-7-21 7:15 6	3		X
A Property of the Property of				
, 12/1/16				
ant .	Poison B	Sample Disposal (A fee may	essed if samples are re	ined longer than 1 month)
ested: I, II, III, IV, Other (specify)	i Andrews	Special Instructions/OC Requirements:	osal By Lab	Archive For Months
Empty Kit Relinguished by:	Date:	i i	1	
Relinquished W. Z.	Dale.	I ime:	Method of Shipment:	
Math former Relinquished by	1-21/11:10	0	Date Time: 17	25 Sept 011 12
Relinquished by	1.21, 1800	75	Date/Time:	Company
ole latact.	Date/Time: Com:	Company Received by:	Date/Time: //	Company
Custody Seal No.: △ Yes △ No		Cooler Temperature(s) °C and Other Remarks:	her Remarks:	140
				4

Job Number: 480-189224-1

Client: O'Brien & Gere Inc of North America

Login Number: 189224 List Source: Eurofins TestAmerica, Buffalo

List Number: 1 Creator: Stopa, Erik S

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

Eurofins TestAmerica, Buffalo



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 480-189545-1

Client Project/Site: Former Accurate Die Cast

For:

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

Attn: Mr. David J Carnevale

Ty-

Authorized for release by: 9/23/2021 4:39:11 PM
Rebecca Jones, Project Manager

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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Definitions/Glossary

Client: O'Brien & Gere Inc of North America Job ID: 480-189545-1 Project/Site: Former Accurate Die Cast

Glossary

RL

RPD

TEF

TEQ

TNTC

Reporting Limit or Requested Limit (Radiochemistry)

Toxicity Equivalent Factor (Dioxin)

Too Numerous To Count

Toxicity Equivalent Quotient (Dioxin)

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

Olossary	
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)

Case Narrative

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-189545-1

Job ID: 480-189545-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-189545-1

Comments

No additional comments.

Receipt

The sample was received on 9/15/2021 8:00 AM. Unless otherwise noted below, the sample arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.2° C.

General Chemistry

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

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Detection Summary

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

Job ID: 480-189545-1

Client Sample ID: EFFLUENT 091421

Lab	Sample	ID:	480-1	89545-1

Analyte	Result Qualifier	RL	RL Unit	Dil Fac D	Method	Prep Type
Total Suspended Solids	14.4	4.0	4.0 mg/L		SM 2540D	Total/NA
Total Dissolved Solids	685	10.0	4.0 mg/L	1	SM2540 C	Total/NA

Client Sample Results

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

Client Sample ID: EFFLUENT 091421

Lab Sample ID: 480-189545-1

Matrix: Water

Job ID: 480-189545-1

Date Collected: 09/14/21 07:00 Date Received: 09/15/21 08:00

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	685		10.0	4.0	mg/L			09/17/21 12:13	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	14.4		4.0	4.0	mg/L			09/17/21 14:28	1

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QC Sample Results

Client: O'Brien & Gere Inc of North America

Job ID: 480-189545-1

Project/Site: Former Accurate Die Cast

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

Lab Sample ID: MB 480-596876/1 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 596876

	MB	MB							
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		1.0	1.0	mg/L			09/17/21 14:28	1

Lab Sample ID: LCS 480-596876/2 **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA

Analysis Batch: 596876

	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Total Suspended Solids	365	364.0		mg/L		100	88 - 110	

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-596839/1 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 596839

MB MB Dil Fac Analyte Result Qualifier RLMDL Unit Prepared Analyzed Total Dissolved Solids ND 10.0 4.0 mg/L 09/17/21 12:13

Lab Sample ID: LCS 480-596839/2 Client Sample ID: Lab Control Sample Prep Type: Total/NA

Matrix: Water

Analysis Batch: 596839

	Spike	LCS	LCS			%Rec.	
Analyte	Added	l Result	Qualifier Unit	D	%Rec	Limits	
Total Dissolved Solids	510	485.0	mg/L		95	85 - 115	

QC Association Summary

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

Job ID: 480-189545-1

General Chemistry

Analysis Batch: 596839

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-189545-1	EFFLUENT 091421	Total/NA	Water	SM2540 C	
MB 480-596839/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-596839/2	Lab Control Sample	Total/NA	Water	SM2540 C	

Analysis Batch: 596876

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-189545-1	EFFLUENT 091421	Total/NA	Water	SM 2540D	<u> </u>
MB 480-596876/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-596876/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Lab Chronicle

Client: O'Brien & Gere Inc of North America Job ID: 480-189545-1

Project/Site: Former Accurate Die Cast

Date Received: 09/15/21 08:00

Client Sample ID: EFFLUENT 091421

Lab Sample ID: 480-189545-1 Date Collected: 09/14/21 07:00

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	596876	09/17/21 14:28	JGO	TAL BUF
Total/NA	Analysis	SM2540 C		1	596839	09/17/21 12:13	JGO	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: 480-189545-1

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	Pr	ogram	Identification Number	Expiration Date
New York	NI NI	ELAP	10026	04-01-22
The following analytes	are included in this report, bu	ut the laboratory is not certifi	ed by the governing authority. This list ma	ıy include analytes for v
the agency does not of	fer certification.			
the agency does not of Analysis Method	fer certification. Prep Method	Matrix	Analyte	

Method Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-189545-1

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: 480-189545-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-189545-1	EFFLUENT 091421	Water	09/14/21 07:00	09/15/21 08:00

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Euronns lestAmerica, Buffalo						
10 Hazelwood Drive Amherst, NY 14228-2298	Chain o	Chain of Custody Record	Record			eurofins Environme
Phone: 716-691-2600 Fax: 716-691-7991				Ö		America
Client Information	JAKTIN K	Denniks	Lab PM: Giacomazza . Ioe V	Camer Wadking	Shipping USE	COC No:
Client Contact: Mr. Yuri Veliz	739.		E-Mail:	State of Older	N	480-1580/1-10586.1 Page:
Company: O'Brien & Gere Inc of North America	213	PWSID:	Joe. glacomazza@testamencainc.com		0	Page 1 of 1
Address:	Due Date Requested:			Analysis Requested		
City: Fact Syracines	TAT Requested (days):					9
State, 2D:						B - NaOH N - None C - Zn Acetate O - AsNaO2
NY, 13221	Compliance Project: △ Yes △ No	Q.				
315-956-6100(Tel) 315-463-7554(Fax)	PO #: 194002622					
Email: yuri.veliz@ramboll.com	#OM		s (c			H - Ascorbic Acid T - TSP Dodect
Project Name: Former Accurate Die Cast	Project #:		or No Solid			ater
Site: New York	\$SOW#:		SeY) (CL-EDA Z-other (spe Other:
			thered Sa MS/MSI Total Sust		mber of	
Sample Identification	Sample Date Time ((C=comp, O=waste/olt, G=crah)	ield Fl mohe 540D -		uM lato	
1 11	X	Preservation Code:	ZZ)T	Special Instructions/No
Effluent 091431	9-14.21 17:00	Water				
	\vdash				5	
200						
, which						
2						
					480-189545 Chain of Custody	
Possible Hazard Identification Non-Hazard Flammable Skin Irritant Pois	Poison B Unknown Ra	Radiological	Sample Disposal (A1	ee may be	amples are retaine	d longer than 1 month)
, III, IV, Other (specify)			Special Instructi	Special Instructions/QC Requirements:		Arcnive For Months
Empty Kit Relinquished by:	Date:		Time:	Method of	Method of Shipment:	
How the front	21/1	3,30 Company 6	Received 35	2/9 (11 m	Date Time:	12:21 Company
Relinquished by:	Date/Time:	Gompany Company	Received by:		PaterTime:	3
Custody Seals Intact: Custody Seal No					Date/Time:	Company
			Cooler Temper	Cooler Temperature(s) °C and Other Remarks:		

eurofins Environment Testing America

Eurofins TestAmerica, Buffalo

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America Job Number: 480-189545-1

Login Number: 189545 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: 480-190087-1

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: 10/6/2021 10:21:12 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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Definitions/Glossary

Client: O'Brien & Gere Inc of North America

Job ID: 480-190087-1

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.
¤	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: 480-190087-1

Job ID: 480-190087-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-190087-1

Comments

No additional comments.

Receipt

The samples were received on 9/25/2021~8:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.5° 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: 480-190087-1

Lab Sample ID: 480-190087-1

Client Sample	D: EFFLUENT	092421 - COMP

Ì							
	Analyte	Result Qualifier	RL	MDL Unit	Dil Fac D	Method	Prep Type
	Total Dissolved Solids	645	10.0	4.0 mg/L		SM2540 C	Total/NA

Client Sample ID: EFFLUENT 092421 - GRAB Lab Sample ID: 480-190087-2

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 092421 - COMP

Lab Sample ID: 480-190087-1

Job ID: 480-190087-1

Date Collected: 09/24/21 06:30 Date Received: 09/25/21 08:00

Matrix: Wastewater

General	Chemistry
∆nalyte	

Contra Chomically									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	645		10.0	4.0	mg/L			09/28/21 12:24	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			09/27/21 11:44	1

Lab Sample ID: 480-190087-2

Date Collected: 09/24/21 06:30 Date Received: 09/25/21 08:00

Matrix: Wastewater

Client Sample ID: EFFLUENT 092421 - GRAB

Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND -	1.0	0.21	ug/L			10/05/21 00:49	1
cis-1,2-Dichloroethene	ND	1.0	0.81	ug/L			10/05/21 00:49	1
Methylene Chloride	ND	1.0	0.44	ug/L			10/05/21 00:49	1
Tetrachloroethene	ND	1.0	0.36	ug/L			10/05/21 00:49	1
Toluene	ND	1.0	0.51	ug/L			10/05/21 00:49	1
trans-1,2-Dichloroethene	ND	1.0	0.90	ug/L			10/05/21 00:49	1
Trichloroethene	ND	1.0	0.46	ug/L			10/05/21 00:49	1

Surrogate	%Recovery Qualifier	Limits	Prepare	d Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106	77 - 120		10/05/21 00:49	1
4-Bromofluorobenzene (Surr)	96	73 - 120		10/05/21 00:49	1
Toluene-d8 (Surr)	101	80 - 120		10/05/21 00:49	1
Dibromofluoromethane (Surr)	105	75 123		10/05/21 00:49	1

Surrogate Summary

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

Job ID: 480-190087-1

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

Matrix: Wastewater 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)
480-190087-2	EFFLUENT 092421 - GRAB	106	96	101	105

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 480-598947/6	Lab Control Sample	96	102	101	99
MB 480-598947/8	Method Blank	103	99	100	102

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

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

Page 7 of 16

Job ID: 480-190087-1

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 480-598947/8 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 598947

	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			10/05/21 00:26	1
cis-1,2-Dichloroethene	ND	1.0	0.81	ug/L			10/05/21 00:26	1
Methylene Chloride	ND	1.0	0.44	ug/L			10/05/21 00:26	1
Tetrachloroethene	ND	1.0	0.36	ug/L			10/05/21 00:26	1
Toluene	ND	1.0	0.51	ug/L			10/05/21 00:26	1
trans-1,2-Dichloroethene	ND	1.0	0.90	ug/L			10/05/21 00:26	1
Trichloroethene	ND	1.0	0.46	ug/L			10/05/21 00:26	1

MB MB

Surrogate	%Recovery Qualifier	Limits	F	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103	77 _ 120			10/05/21 00:26	1
4-Bromofluorobenzene (Surr)	99	73 - 120			10/05/21 00:26	1
Toluene-d8 (Surr)	100	80 - 120			10/05/21 00:26	1
Dibromofluoromethane (Surr)	102	75 - 123			10/05/21 00:26	1

Lab Sample ID: LCS 480-598947/6 **Client Sample ID: Lab Control Sample Prep Type: Total/NA**

Matrix: Water

Analysis Batch: 598947

	Spike	LCS	LCS				%Rec.
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits
1,1,2,2-Tetrachloroethane	25.0	23.6		ug/L		95	76 - 120
cis-1,2-Dichloroethene	25.0	22.9		ug/L		92	74 - 124
Methylene Chloride	25.0	23.7		ug/L		95	75 - 124
Tetrachloroethene	25.0	22.8		ug/L		91	74 - 122
Toluene	25.0	22.9		ug/L		92	80 - 122
trans-1,2-Dichloroethene	25.0	23.0		ug/L		92	73 - 127
Trichloroethene	25.0	22.7		ua/L		91	74 - 123

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	96		77 - 120
4-Bromofluorobenzene (Surr)	102		73 - 120
Toluene-d8 (Surr)	101		80 - 120
Dibromofluoromethane (Surr)	99		75 - 123

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

Lab Sample ID: MB 480-598011/1 Client Sample ID: Method Blank **Matrix: Water** Prep Type: Total/NA

Analysis Batch: 598011

MB MB

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		1.0	1.0	mg/L			09/27/21 11:44	1

Lab Sample ID: LCS 480-598011/2 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Water

Analysis Batch: 598011								
	Spike	LCS	LCS				%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Total Suspended Solids	698	696.4		mg/L		100	88 - 110	

Eurofins TestAmerica, Buffalo

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QC Sample Results

Client: O'Brien & Gere Inc of North America

Job ID: 480-190087-1

Project/Site: Former Accurate Die Cast

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-598187/1 Client Sample ID: Method Blank

Matrix: Water Prep Type: Total/NA

Analysis Batch: 598187 MB MB

Analyte	Result Qual	lifier RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND	10.0	4.0	mg/L			09/28/21 12:24	1

Lab Sample ID: LCS 480-598187/2 **Client Sample ID: Lab Control Sample**

Matrix: Water Prep Type: Total/NA

Analysis Batch: 598187 Spike LCS LCS %Rec.

Added Result Qualifier Limits Analyte Unit D %Rec **Total Dissolved Solids** 502 489.0 mg/L 97 85 - 115

QC Association Summary

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

Job ID: 480-190087-1

GC/MS VOA

Analysis Batch: 598947

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-190087-2	EFFLUENT 092421 - GRAB	Total/NA	Wastewater	8260C	
MB 480-598947/8	Method Blank	Total/NA	Water	8260C	
LCS 480-598947/6	Lab Control Sample	Total/NA	Water	8260C	
	·				

General Chemistry

Analysis Batch: 598011

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-190087-1	EFFLUENT 092421 - COMP	Total/NA	Wastewater	SM 2540D	
MB 480-598011/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-598011/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 598187

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-190087-1	EFFLUENT 092421 - COMP	Total/NA	Wastewater	SM2540 C	
MB 480-598187/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-598187/2	Lab Control Sample	Total/NA	Water	SM2540 C	

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Lab Chronicle

Client: O'Brien & Gere Inc of North America Job ID: 480-190087-1

Project/Site: Former Accurate Die Cast

Client Sample ID: EFFLUENT 092421 - COMP

Lab Sample ID: 480-190087-1 Date Collected: 09/24/21 06:30 **Matrix: Wastewater**

Date Received: 09/25/21 08:00

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	598011	09/27/21 11:44	JGO	TAL BUF
Total/NA	Analysis	SM2540 C		1	598187	09/28/21 12:24	JGO	TAL BUF

Client Sample ID: EFFLUENT 092421 - GRAB

Lab Sample ID: 480-190087-2

Date Collected: 09/24/21 06:30 **Matrix: Wastewater**

Date Received: 09/25/21 08:00

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	598947	10/05/21 00:49	WJD	TAL BUF

Laboratory References:

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

10/6/2021

Eurofins TestAmerica, Buffalo

Accreditation/Certification Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-190087-1

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	Program Identification Number		r Expiration Date	
New York	N	ELAP	10026	04-01-22
The following analytes	are included in this report, but	it the laboratory is not certified	by the governing authority. This list ma	ay include analytes for w
the agency does not of	fer certification.	·		ay include analytes for w
	•	ut the laboratory is not certified Matrix	by the governing authority. This list ma	ay include analytes for w

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Method Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-190087-1

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: 480-190087-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-190087-1	EFFLUENT 092421 - COMP	Wastewater	09/24/21 06:30	09/25/21 08:00
480-190087-2	EFFLUENT 092421 - GRAB	Wastewater	09/24/21 06:30	09/25/21 08:00

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Luronins iestAmerica, Buffalo

Client: O'Brien & Gere Inc of North America

Job Number: 480-190087-1

Login Number: 190087 List Source: Eurofins TestAmerica, Buffalo

List Number: 1 Creator: Stopa, Erik S

oroutor. Otopu, Erik O		
Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or ampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
s the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and he COC.	True	
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.	N/A	
Chlorine Residual checked.	N/A	

Eurofins TestAmerica, Buffalo Page 16 of 16



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 480-190209-1

Client Project/Site: Former Accurate Die Cast

Sampling Event: Treatment Plant

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:

10/11/2021 5:39:01 PM

John Schove, Project Manager II

(716)504-9838

John.Schove@Eurofinset.com

Designee for

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: 480-190209-1

Glossary

LOQ

MCL

MDA

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)

MDC Minimum Detectable Concentration (Radiochemistry) MDL Method Detection Limit MLMinimum Level (Dioxin) Most Probable Number MPN MQL Method Quantitation Limit

NC Not Calculated

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

Limit of Quantitation (DoD/DOE)

EPA recommended "Maximum Contaminant Level"

Minimum Detectable Activity (Radiochemistry)

Negative / Absent NEG POS Positive / Present

PQL **Practical Quantitation Limit**

PRES Presumptive QC **Quality Control**

Relative Error Ratio (Radiochemistry) RER

RL Reporting Limit or Requested Limit (Radiochemistry)

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

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

TNTC Too Numerous To Count

Case Narrative

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-190209-1

Job ID: 480-190209-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-190209-1

Comments

No additional comments.

Receipt

The sample was received on 9/29/2021 8:00 AM. Unless otherwise noted below, the sample arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.5° C.

General Chemistry

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

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Detection Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-190209-1

Client Sample ID: EFFLUENT - 092821

Lab Sample ID: 480-190209-1

Analyte	Result Qualifier	RL	MDL Unit	Dil Fac D	Method	Prep Type
Total Dissolved Solids	566	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 Job ID: 480-190209-1

Project/Site: Former Accurate Die Cast

Client Sample ID: EFFLUENT - 092821 Lab Sample ID: 480-190209-1

Date Collected: 09/28/21 07:00 **Matrix: Wastewater**

Date Received: 09/29/21 08:00

General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	566		10.0	4.0	mg/L			09/29/21 15:14	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			09/29/21 12:27	1

Job ID: 480-190209-1

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

Prep Type: Total/NA

Lab Sample ID: MB 480-598376/1 **Client Sample ID: Method Blank**

Matrix: Water

Analysis Batch: 598376

MB MB

Result Qualifier RL **RL** Unit Analyzed Dil Fac Analyte **Prepared** 1.0 1.0 mg/L 09/29/21 12:27 Total Suspended Solids ND

Lab Sample ID: LCS 480-598376/2 **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA

Analysis Batch: 598376

Spike LCS LCS %Rec. Analyte Added Result Qualifier Unit D %Rec Limits **Total Suspended Solids** 308 304.4 mg/L 99 88 - 110

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-598416/1 **Client Sample ID: Method Blank Matrix: Water** Prep Type: Total/NA

Analysis Batch: 598416

MB MB Analyte Result Qualifier RL **MDL** Unit Dil Fac Prepared Analyzed Total Dissolved Solids 10.0 09/29/21 15:14 ND 4.0 mg/L

Lab Sample ID: LCS 480-598416/2 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Water

Analysis Batch: 598416

Spike LCS LCS %Rec. Added Analyte Result Qualifier Unit %Rec Limits Total Dissolved Solids 502 459.0 mg/L 91 85 - 115

Lab Sample ID: 480-190209-1 DU Client Sample ID: EFFLUENT - 092821 **Matrix: Wastewater** Prep Type: Total/NA

Analysis Batch: 598416

DU DU **RPD** Sample Sample Analyte Result Qualifier Result Qualifier Unit **RPD** Limit Total Dissolved Solids 566 620.0 mg/L

10/11/2021

QC Association Summary

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

Job ID: 480-190209-1

General Chemistry

Analysis Batch: 598376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-190209-1	EFFLUENT - 092821	Total/NA	Wastewater	SM 2540D	
MB 480-598376/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-598376/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 598416

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-190209-1	EFFLUENT - 092821	Total/NA	Wastewater	SM2540 C	
MB 480-598416/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-598416/2	Lab Control Sample	Total/NA	Water	SM2540 C	
480-190209-1 DU	EFFLUENT - 092821	Total/NA	Wastewater	SM2540 C	

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Lab Chronicle

Client: O'Brien & Gere Inc of North America

Project/Site: Former Accurate Die Cast

Job ID: 480-190209-1

Client Sample ID: EFFLUENT - 092821 Lab Sample ID: 480-190209-1

Date Collected: 09/28/21 07:00 Matrix: Wastewater

Date Received: 09/29/21 08:00

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	598376	09/29/21 12:27	JGO	TAL BUF
Total/NA	Analysis	SM2540 C		1	598416	09/29/21 15:14	JGO	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: 480-190209-1

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	Pro	ogram	Identification Number	Expiration Date
New York	NE	LAP	10026	04-01-22
The following analyte	s are included in this repo	ort, but the laboratory is not	certified by the governing authority.	This list may include analytes for wh
The following analyte the agency does not		ort, but the laboratory is not	certified by the governing authority.	This list may include analytes for wh
• ,		ort, but the laboratory is not Matrix	certified by the governing authority. Analyte	This list may include analytes for wh

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Method Summary

Client: O'Brien & Gere Inc of North America Project/Site: Former Accurate Die Cast Job ID: 480-190209-1

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: 480-190209-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-190209-1	EFFLUENT - 092821	Wastewater	09/28/21 07:00	09/29/21 08:00

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

Chain of Custody Record

& eurofins Environment Testing America

Client Information	Sampler.	Lonna L.	Lab PM:		Carrier (racking No(s):	
Client Contact:	No. N	200		Joe V	State of Over St	
Ompany:	1-661-515	360	joe.giacomaz	joe.giacomazza@testamericainc.com		Page: Page 1 of 1
O'Brien & Gere Inc of North America		PWSID:		Analysis	CZZ# potagina	Job #:
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:				Daycanhay	Preservation Codes:
City: East Syracuse	TAT Requested (days):		T			A - HCL M - Hexane B - NaOH N - Napa
State, Zip: NY, 13221	Compliance Project: Δ Yes 2	Δ No				C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO#: 1940002622			1		F - MeOH R - Na2S203 F - MeOH R - Na2S203 G - Amchlor S - H2SQ4
Email: yuri.veliz@ramboll.com	WO #:					ъ
Project Name: Former Accurate Die Cast	Project #: 48008584				liners	J - LV Water V - MCAA K - EDTA W - pH 4-5 L - EDA Z - other (specify)
Site: New York	SSOW#:				couts	Other:
Sample Identification	Sample Date Time	Sample Mar Type Secomb Carab) BT-Tree	Matrix (W-water, Sarolld, O-water)	oT - boleO_3048	o yedmuk isto	
		9	X	1-		Special Instructions/Note:
Effluent C9A8A1	9-28-31 7:60	3				
	-					
24						
18						
					480-190209 Chain of Custody	Story
ant	Poison B Unknown	Radiological	Sam	ple Disposal (A fee may	ples are re	ned longer than 1 month)
, III, IV, Other (specify)			Spec	Special Instructions/QC Requirements:	oosal By Lab	Archive For Months
Empty Kit Relinquished by:	Date: /		Time:		Method of Shipment:	
Relinquished by:	Date/Time:	SS Company	36	Received by	3 < 10	pagny
Relinquished by: $2 - 6/4 / 1 / 2$		Company	3 %	Received by:		1
~ I		Company		Received by:	Date/Time: /	Company
Custody Seals Intact: Custody Seal No.:				Cooler Temperature(s) °C and Other Remarks:	7/1/	140C
						人 かん

Client: O'Brien & Gere Inc of North America

Job Number: 480-190209-1

Login Number: 190209 List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Stopa, Erik S

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