RAMBOLL

ENVIRONMENT
& HEALTH

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.

Ramboll
333 West Washington Street
Syracuse, NY 13202
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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**.

Activities Scheduled

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

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

Yours sincerely

Douglas M. Crawford, PE
Vice President
ENVIRONMENT & HEALTH, AMERICAS

D 315-956-6442
M 315-200-5204
doug.crawford@ramboll.com

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

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

Analyte (units)	Monitoring Requirements				Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent
	Discharge Limitation Daily Average	Discharge Limitation Daily Maximum	Minimum Measurement Frequency (1)	Sample Type	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
Flow (GPD)	Monitor	150000	Continuous	Meter			9928	10869	11408	11335	11517	11469	11342	11247	11318	11078	11044
pH (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
Total 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.													
cis-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab	1.8			1.0 U					1.0 U				
trans-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				
1,1,2,2-Tetrachloroethane (ug/L)	Monitor	10	2/Month	Grab	1.0 U			1.0 U					1.0 U				
Tetrachloroethene (ug/L)	Monitor	10	2/Month	Grab	1.0 U			1.0 U					1.0 U				
Toluene (ug/L)	Monitor	20	2/Month	Grab	1.0 U			1.0 U					1.0 U				
Trichloroethene (ug/L)	Monitor	10	2/Month	Grab	1.0 U			1.0 U					1.0 U				

Notes:

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

Analyte (units)	Monitoring Requirements				Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent
	Discharge Limitation Daily Average	Discharge Limitation Daily Maximum	Minimum Measurement Frequency (1)	Sample Type	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

Analyte (units)	Monitoring Requirements				Effluent	Effluent	Effluent	Effluent	Effluent
	Discharge Limitation Daily Average	Discharge Limitation Daily Maximum	Minimum Measurement Frequency (1)	Sample Type	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.					
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, 1

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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

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

Table of Contents

Glossary

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

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 3.4º C.

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

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

Detection Summary

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

Job ID: 480-186912-1

Client Sample ID: EFFLUENT - COMP 070721 — Lab 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: BETWEEN CARBON 070721 — Lab 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: EFFLUENT- GRAB 070721 — Lab 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

This Detection Summary does not include radiochemical test results.

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

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

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			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	0.78	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	0.32	ug/L			07/08/21 17:04	1
Chloroform	ND		1.0	0.34	ug/L			07/08/21 17:04	1
Chloromethane	ND		1.0	0.35	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	0.36	ug/L			07/08/21 17:04	1
Cyclohexane	ND		1.0	0.18	ug/L			07/08/21 17:04	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/08/21 17:04	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/08/21 17:04	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/08/21 17:04	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/08/21 17:04	1
Methyl acetate	ND		2.5	1.3	ug/L			07/08/21 17:04	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/08/21 17:04	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/08/21 17:04	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/08/21 17:04	1
Styrene	ND		1.0	0.73	ug/L			07/08/21 17:04	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

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		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*
Toluene-d8 (Surr)	*96*		*80 - 120*		*07/08/21 17:04*	*1*

Client Sample ID: EFFLUENT- GRAB 070721

Lab Sample ID: 480-186912-3

Date Collected: 07/07/21 11:30

Matrix: Water

Date Received: 07/08/21 08:00

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			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

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

Client Sample ID: EFFLUENT- GRAB 070721
Lab Sample ID: 480-186912-3
Date Collected: 07/07/21 11:30
Matrix: Water
Date Received: 07/08/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		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 Surrogate Recovery (Acceptance Limits)			
		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)

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

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/08/21 11:24	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/08/21 11:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/08/21 11:24	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/08/21 11:24	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			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	0.26	ug/L			07/08/21 11:24	1
Bromomethane	ND		1.0	0.69	ug/L			07/08/21 11:24	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/08/21 11:24	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/08/21 11:24	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/08/21 11:24	1
Chloroethane	ND		1.0	0.32	ug/L			07/08/21 11:24	1
Chloroform	ND		1.0	0.34	ug/L			07/08/21 11:24	1
Chloromethane	ND		1.0	0.35	ug/L			07/08/21 11:24	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/08/21 11:24	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/08/21 11:24	1
Cyclohexane	ND		1.0	0.18	ug/L			07/08/21 11:24	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/08/21 11:24	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/08/21 11:24	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/08/21 11:24	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/08/21 11:24	1
Methyl acetate	ND		2.5	1.3	ug/L			07/08/21 11:24	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/08/21 11:24	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/08/21 11:24	1
Methylene Chloride	ND		1.0	0.44	ug/L			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

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

Surrogate	MB %Recovery	MB 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
Matrix: Water
Analysis Batch: 588367

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	23.6		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-trifluoroethane	25.0	23.0		ug/L		92	61 - 148
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

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

Lab Sample ID: LCS 480-588367/5
Matrix: Water
Analysis Batch: 588367

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

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

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*94*		*77 - 120*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*
Dibromofluoromethane (Surr)	*99*		*75 - 123*
Toluene-d8 (Surr)	*96*		*80 - 120*

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

Lab Sample ID: MB 480-588557/1
Matrix: Water
Analysis Batch: 588557

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

Analyte	MB Result	MB 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
Matrix: Water
Analysis Batch: 588557

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%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
Matrix: Water
Analysis Batch: 588404

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

Analyte	MB Result	MB 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
Matrix: Water
Analysis Batch: 588404

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

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

QC Association Summary

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

Job ID: 480-186912-1

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
Job ID: 480-186912-1
Project/Site: Former Accurate Die Cast

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

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared 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
Date Collected: 07/07/21 11:30
Matrix: Water
Date Received: 07/08/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared 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
Date Collected: 07/07/21 11:30
Matrix: Water
Date Received: 07/08/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	588367	07/08/21 16:42	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
Job ID: 480-186912-1
Project/Site: Former Accurate Die Cast

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-01-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
SM2540 C		Water	Total Dissolved Solids

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

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	Asset ID
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	

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

Chain of Custody Record

eurofins | Environment Testing America

Syracuse

Client Information	Sampler: Thomas Boca	Lab PM: Giacomazza, Joe V	Carrier Tracking No(s): #225	COC No: 480-145299-10588.1
Client Contact: Mr. Yuri Veliz	Phone: 315-575-6386	E-Mail: joe.giacomazza@testamericainc.com	State of Origin:	Page: Page 1 of 1
Company: O'Brien & Gere Inc of North America	PWSID:			Job #:
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:			
City: East Syracuse	TAT Requested (days):			
State, Zip: NY, 13221	Compliance Project: Δ Yes Δ No			
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 12000090			
Email: yuri.veliz@ramboll.com	WO #:			
Project Name: Former Accurate Die Cast	Project #: 48008584			
Site: New York	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, M - Hexane, N - None, O - AsNaO2, P - Na2O4S

480-186912 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	2540D - Total Suspended Solids	2540C_Calcd - Total Dissolved Solids	8260C - Volatile Organic Compounds	Total Number of c	Special Instructions/Note:
Preservation Code:							N	N	A		
Effluent 070721	07.07.21	11 30	C	Water			1	1		2	
Between Carbons 070721	07.07.21	11 30	G	Water					3	3	
Effluent 070721	07.07.21	11 30	G	water					3	3	

Rec 7.7.21

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:	Time:	Method of Shipment:		
Relinquished by:	Date/Time: 07.07.21 1150	Company: OBG	Received by:	Date/Time: 7.7.21, 11:50	Company: Byn	
Relinquished by: RCuglieb	Date/Time: 7.7.21, 1900	Company: Byn	Received by:	Date/Time:	Company:	
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time: 7/8/21 0800	Company:	

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 3.4 IR

Ver: 11/01/2020

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-186912-1

Login Number: 186912
List Number: 1
Creator: Stopa, Erik S

List Source: Eurofins TestAmerica, Buffalo

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

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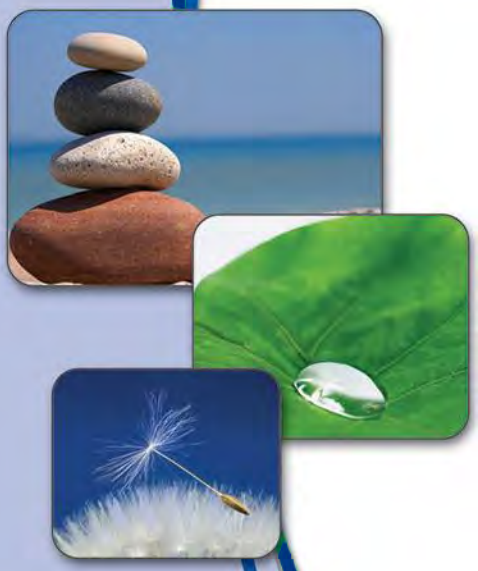

ANALYTICAL REPORT

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

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

Table of Contents

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

Glossary

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

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 3.1º 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.

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

This Detection Summary does not include radiochemical test results.

Client Sample Results

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

Job ID: 480-187126-1

Client Sample ID: EFFLUENT
Date Collected: 07/13/21 08:00
Date Received: 07/14/21 08:00

Lab Sample ID: 480-187126-1
Matrix: Water

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
Total Suspended Solids	ND		4.0	4.0	mg/L			07/14/21 14:07	1

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

Job ID: 480-187126-1

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

Lab Sample ID: MB 480-589066/1
Matrix: Water
Analysis Batch: 589066

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

Analyte	MB Result	MB 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
Matrix: Water
Analysis Batch: 589066

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%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
Matrix: Water
Analysis Batch: 589172

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10.0	4.0	mg/L			07/15/21 10:10	1

Lab Sample ID: LCS 480-589172/2
Matrix: Water
Analysis Batch: 589172

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%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	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-187126-1	EFFLUENT	Total/NA	Water	SM2540 C	
MB 480-589172/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-589172/2	Lab Control Sample	Total/NA	Water	SM2540 C	

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

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared 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
Job ID: 480-187126-1
Project/Site: Former Accurate Die Cast

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-01-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
SM2540 C		Water	Total Dissolved Solids

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

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

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

Chain of Custody Record

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Syracuse

#225

Client Information	Sampler: Enid Trease	Lab PM: Giacomazza, Joe V	Carrier Tracking No(s):	COC No: 480-158065-10586.1
Client Contact: Mr. Yuri Veliz	Phone: 315-264-2124	E-Mail: joe.giacomazza@testamericainc.com	State of Origin:	Page: Page 1 of 1
Company: O'Brien & Gere Inc of North America	PWSID:			Job #:
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:			
City: East Syracuse	TAT Requested (days):			
State, Zip: NY, 13221	Compliance Project: Δ Yes Δ No			
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 1940002622			
Email: yuri.veliz@ramboll.com	WO #:			
Project Name: Former Accurate Die Cast	Project #: 48008584			
Site: New York	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	2540D - Total Suspended Solids	2540C_Calcd - Total Dissolved Solids	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
Effluent 2540C - Calcd TDS	7/13/21	08:00	G	Water				1	1	
2540D - TSS	7/13/21	08:00	G	WaTer			1		1	

7-13-21 RE-

480-187126 Chain of Custody

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

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

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:	
Relinquished by:	Date/Time: 7/13/21 ~ 8:30Am	Company OBG	Received by:		Date/Time: 7/13/21	Company 8:30	
Relinquished by: RELINQ	Date/Time: 7-13-21, 1900	Company Fyr	Received by:		Date/Time:	Company	
Relinquished by:	Date/Time:	Company	Received by:		Date/Time: 7/14/21 800	Company TBS	

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 3.1 #1

Ver: 11/01/2020

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-187126-1

Login Number: 187126
List Number: 1
Creator: Stopa, Erik S

List Source: Eurofins TestAmerica, Buffalo

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

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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

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

Table of Contents

Glossary

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CNF	Contains No Free Liquid
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Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

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 4.1º C.

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

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

Detection Summary

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

Job ID: 480-187407-1

Client Sample ID: EFFLUENT 071921 Comp — Lab Sample ID: 480-187407-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	666		10.0	4.0	mg/L	1		SM2540 C	Total/NA

Client Sample ID: EFFLUENT 071921 Grab — Lab Sample ID: 480-187407-2

No Detections.

This Detection Summary does not include radiochemical test results.

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

Job ID: 480-187407-1

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

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

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 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			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
Dibromochloromethane	ND		1.0	0.32	ug/L			07/26/21 15:30	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/26/21 15:30	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/26/21 15:30	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/26/21 15:30	1
Methyl acetate	ND		2.5	1.3	ug/L			07/26/21 15:30	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/26/21 15:30	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/26/21 15:30	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/26/21 15:30	1
Styrene	ND		1.0	0.73	ug/L			07/26/21 15:30	1

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

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 Organic Compounds by 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 Surrogate Recovery (Acceptance Limits)			
		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)

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
Analysis Batch: 590365

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			07/26/21 11:13	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			07/26/21 11:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			07/26/21 11:13	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			07/26/21 11:13	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			07/26/21 11:13	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			07/26/21 11:13	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			07/26/21 11:13	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			07/26/21 11:13	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			07/26/21 11:13	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			07/26/21 11:13	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			07/26/21 11:13	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			07/26/21 11:13	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			07/26/21 11:13	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			07/26/21 11:13	1
2-Butanone (MEK)	ND		10	1.3	ug/L			07/26/21 11:13	1
2-Hexanone	ND		5.0	1.2	ug/L			07/26/21 11:13	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			07/26/21 11:13	1
Acetone	ND		10	3.0	ug/L			07/26/21 11:13	1
Benzene	ND		1.0	0.41	ug/L			07/26/21 11:13	1
Bromodichloromethane	ND		1.0	0.39	ug/L			07/26/21 11:13	1
Bromoform	ND		1.0	0.26	ug/L			07/26/21 11:13	1
Bromomethane	ND		1.0	0.69	ug/L			07/26/21 11:13	1
Carbon disulfide	ND		1.0	0.19	ug/L			07/26/21 11:13	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			07/26/21 11:13	1
Chlorobenzene	ND		1.0	0.75	ug/L			07/26/21 11:13	1
Chloroethane	ND		1.0	0.32	ug/L			07/26/21 11:13	1
Chloroform	ND		1.0	0.34	ug/L			07/26/21 11:13	1
Chloromethane	ND		1.0	0.35	ug/L			07/26/21 11:13	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			07/26/21 11:13	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			07/26/21 11:13	1
Cyclohexane	ND		1.0	0.18	ug/L			07/26/21 11:13	1
Dibromochloromethane	ND		1.0	0.32	ug/L			07/26/21 11:13	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			07/26/21 11:13	1
Ethylbenzene	ND		1.0	0.74	ug/L			07/26/21 11:13	1
Isopropylbenzene	ND		1.0	0.79	ug/L			07/26/21 11:13	1
Methyl acetate	ND		2.5	1.3	ug/L			07/26/21 11:13	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			07/26/21 11:13	1
Methylcyclohexane	ND		1.0	0.16	ug/L			07/26/21 11:13	1
Methylene Chloride	ND		1.0	0.44	ug/L			07/26/21 11:13	1
Styrene	ND		1.0	0.73	ug/L			07/26/21 11:13	1
Tetrachloroethene	ND		1.0	0.36	ug/L			07/26/21 11:13	1
Toluene	ND		1.0	0.51	ug/L			07/26/21 11:13	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			07/26/21 11:13	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			07/26/21 11:13	1
Trichloroethene	ND		1.0	0.46	ug/L			07/26/21 11:13	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			07/26/21 11:13	1
Vinyl chloride	ND		1.0	0.90	ug/L			07/26/21 11:13	1
Xylenes, Total	ND		2.0	0.66	ug/L			07/26/21 11:13	1

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

Lab Sample ID: MB 480-590365/8
Matrix: Water
Analysis Batch: 590365

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		77 - 120		07/26/21 11:13	1
4-Bromofluorobenzene (Surr)	107		73 - 120		07/26/21 11:13	1
Dibromofluoromethane (Surr)	114		75 - 123		07/26/21 11:13	1
Toluene-d8 (Surr)	98		80 - 120		07/26/21 11:13	1

Lab Sample ID: LCS 480-590365/6
Matrix: Water
Analysis Batch: 590365

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	27.5		ug/L		110	73 - 126
1,1,2,2-Tetrachloroethane	25.0	24.8		ug/L		99	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	27.4		ug/L		110	61 - 148
1,1,2-Trichloroethane	25.0	24.2		ug/L		97	76 - 122
1,1-Dichloroethane	25.0	25.4		ug/L		101	77 - 120
1,1-Dichloroethene	25.0	26.7		ug/L		107	66 - 127
1,2,4-Trichlorobenzene	25.0	25.1		ug/L		101	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	22.6		ug/L		90	56 - 134
1,2-Dibromoethane	25.0	26.2		ug/L		105	77 - 120
1,2-Dichlorobenzene	25.0	24.4		ug/L		97	80 - 124
1,2-Dichloroethane	25.0	24.8		ug/L		99	75 - 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	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
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	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		102	74 - 133
Methyl tert-butyl ether	25.0	25.7		ug/L		103	77 - 120
Methylcyclohexane	25.0	25.3		ug/L		101	68 - 134

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

Lab Sample ID: LCS 480-590365/6
Matrix: Water
Analysis Batch: 590365

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

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

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*
Dibromofluoromethane (Surr)	*107*		*75 - 123*
Toluene-d8 (Surr)	*95*		*80 - 120*

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

Lab Sample ID: MB 480-590216/1
Matrix: Water
Analysis Batch: 590216

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

Analyte	MB Result	MB 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
Matrix: Water
Analysis Batch: 590216

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%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
Matrix: Water
Analysis Batch: 589959

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10.0	4.0	mg/L			07/21/21 15:45	1

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

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

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

QC Association Summary

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

Job ID: 480-187407-1

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	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-187407-1	EFFLUENT 071921 Comp	Total/NA	Water	SM2540 C	
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

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
Job ID: 480-187407-1
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

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared 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

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	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
Job ID: 480-187407-1
Project/Site: Former Accurate Die Cast

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-01-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
SM2540 C		Water	Total Dissolved Solids

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

Sample Summary

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

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

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

Chain of Custody Record

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Syracuse #225

Client Information	Sampler: MARTin Koennecke	Lab PM: Giacomazza, Joe V	Carrier Tracking No(s):	COC No: 480-158094-10587.1
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: joe.giacomazza@testamericainc.com	State of Origin:	Page: Page 1 of 1
Company: O'Brien & Gere Inc of North America	PWSID:			Job #:
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:			
City: East Syracuse	TAT Requested (days):			
State, Zip: NY, 13221	Compliance Project: Δ Yes Δ No			
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 1940002622			
Email: yuri.veliz@ramboll.com	WO #:			
Project Name: Former Accurate Die Cast	Project #: 48008584			
Site: New York	SSOW#:			

Analysis Requested

480-187407 Chain of Custody

Preservation Codes:

A - HCL
B - NaOH
C - Zn Acetate
D - Nitric Acid
E - NaHSO4
M - Hexane
N - None
O - AsNaO2
P - Na2O4S
Q - Na2SO3
R - Na2S2O3
S - H2SO4
T - TSP Dodecahydrate
U - Acetone
V - MCAA
W - pH 4-5
Z - other (specify)

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	2540D - Total Suspended Solids	2540C_Calcd - Total Dissolved Solids	8260C - Volatile Organic Compounds	Total Number	Special Instructions/Note:
Preservation Code:							N	N	A		
Effluent 071921	7-19-21	6:45	C	Water			1	1		2	
Effluent 071921	7-19-21	6:45	G	W					3	3	

Rec 7-19-21

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7/28/2021

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by: MartIn Koennecke	Date/Time: 7-19-21 / 11:50	Company: OBG	Received by: Rutglick	Date/Time: 7-19-21, 11:50	Company: SYR
Relinquished by: Rutglick	Date/Time: 7-19-21, 1905	Company: SYR	Received by:	Date/Time:	Company:
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time: 7/20/21 0900	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 4.1 #1

Ver: 11/01/2020

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-187407-1

Login Number: 187407
List Number: 1
Creator: Stopa, Erik S

List Source: Eurofins TestAmerica, Buffalo

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

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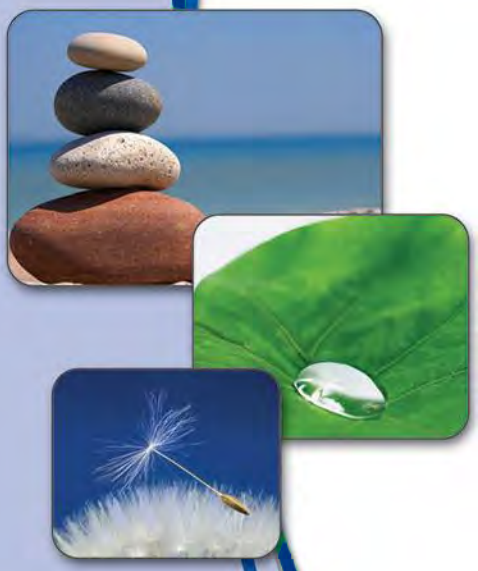

ANALYTICAL REPORT

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

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

Table of Contents

Glossary

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

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 2.8º C.

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

Detection Summary

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

Job ID: 480-187649-1

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

This Detection Summary does not include radiochemical test results.

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

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

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

Job ID: 480-187649-1

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

Lab Sample ID: MB 480-590801/1
Matrix: Water
Analysis Batch: 590801

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		1.0	1.0	mg/L			07/28/21 15:31	1

Lab Sample ID: LCS 480-590801/2
Matrix: Water
Analysis Batch: 590801

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%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
Matrix: Water
Analysis Batch: 590609

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10.0	4.0	mg/L			07/27/21 14:02	1

Lab Sample ID: LCS 480-590609/2
Matrix: Water
Analysis Batch: 590609

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%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 ID	Prep Type	Matrix	Method	Prep Batch
480-187649-1	EFFLUENT 072621	Total/NA	Water	SM2540 C	
MB 480-590609/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-590609/2	Lab Control Sample	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	

Lab Chronicle

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

Job ID: 480-187649-1

Client Sample ID: EFFLUENT 072621
Date Collected: 07/26/21 07:00
Date Received: 07/27/21 08:00

Lab Sample ID: 480-187649-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	590801	07/28/21 15:31	JGO	TAL BUF
Total/NA	Analysis	SM2540 C		1	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	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-01-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
SM2540 C		Water	Total Dissolved Solids

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

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

Chain of Custody Record

eurofins | Environment Testing America

Syracuse #225

Client Information	Sampler: Martin Koenneke	Lab PM: Giacomazza, Joe V	Carrier Tracking No(s):	COC No: 480-158066-10586.1
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: joe.giacomazza@testamericainc.com	State of Origin:	Page: Page 1 of 1
Company: O'Brien & Gere Inc of North America	PWSID:			Job #:
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:			
City: East Syracuse	TAT Requested (days):			
State, Zip: NY, 13221	Compliance Project: Δ Yes Δ No			
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 1940002622			
Email: yuri.veliz@ramboll.com	WO #:			
Project Name: Former Accurate Die Cast	Project #: 48008584			
Site: New York	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	2540D - Total Suspended Solids	2540C_Calcd - Total Dissolved Solids	Total Number of containers	Special Instructions/Note:
			Preservation Code:		N	N				
Effluent 072621	7-26-21	7:00	C	Water			1	1	2	

Rec 7-26-21

480-187649 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	Martin Koenneke	7-26-21 / 9:50	OBG	Rec'd	7-26-21, 09:50	
2	Rec'd	7-26-21, 1900		Crew	7-27-21 800	TAB
3						

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
		2.0 ICE

Ver: 11/01/2020

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-187649-1

Login Number: 187649
List Number: 1
Creator: Yeager, Brian A

List Source: Eurofins TestAmerica, Buffalo

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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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

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

Table of Contents

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

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
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

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 3.2º 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.

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 — Lab Sample ID: 480-187859-2

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.

This Detection Summary does not include radiochemical test results.

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

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

Lab Sample ID: 480-187859-2

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

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			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

Client Sample ID: BETWEEN CARBONS 080221

Lab Sample ID: 480-187859-2

Date Collected: 08/02/21 07:00

Matrix: Water

Date Received: 08/03/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	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*	*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

Lab Sample ID: 480-187859-3

Date Collected: 08/02/21 07:00

Matrix: Wastewater

Date Received: 08/03/21 08:00

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			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

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

Client Sample ID: EFFLUENT - GRAB 080221
Lab Sample ID: 480-187859-3
Date Collected: 08/02/21 07:00
Matrix: Wastewater
Date Received: 08/03/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		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 Surrogate Recovery (Acceptance Limits)			
		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 Surrogate Recovery (Acceptance Limits)			
		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

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

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: Total/NA

Analyte	MB Result	MB 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	0.21	ug/L			08/07/21 00:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			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	ug/L			08/07/21 00:46	1
Methylene Chloride	ND		1.0	0.44	ug/L			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	ug/L			08/07/21 00:46	1
Toluene	ND		1.0	0.51	ug/L			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	ug/L			08/07/21 00:46	1
Trichloroethene	ND		1.0	0.46	ug/L			08/07/21 00:46	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/07/21 00:46	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/07/21 00:46	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/07/21 00:46	1

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

Lab Sample ID: MB 480-592018/8
Matrix: Water
Analysis Batch: 592018

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*108*		*77 - 120*		*08/07/21 00:46*	*1*
4-Bromofluorobenzene (Surr)	*92*		*73 - 120*		*08/07/21 00:46*	*1*
Dibromofluoromethane (Surr)	*105*		*75 - 123*		*08/07/21 00:46*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*08/07/21 00:46*	*1*

Lab Sample ID: LCS 480-592018/6
Matrix: Water
Analysis Batch: 592018

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%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-trifluoroethane	25.0	23.5		ug/L		94	61 - 148
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 - 122
Methyl acetate	50.0	53.2		ug/L		106	74 - 133
Methyl tert-butyl ether	25.0	22.7		ug/L		91	77 - 120
Methylcyclohexane	25.0	25.2		ug/L		101	68 - 134

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

Lab Sample ID: LCS 480-592018/6
Matrix: Water
Analysis Batch: 592018

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

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

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*77 - 120*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*
Dibromofluoromethane (Surr)	*100*		*75 - 123*
Toluene-d8 (Surr)	*100*		*80 - 120*

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

Lab Sample ID: MB 480-591725/1
Matrix: Water
Analysis Batch: 591725

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

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

Lab Sample ID: LCS 480-591725/2
Matrix: Water
Analysis Batch: 591725

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%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
Matrix: Water
Analysis Batch: 592051

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

Analyte	MB Result	MB 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
Matrix: Water
Analysis Batch: 592051

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

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

QC Association Summary

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

Job ID: 480-187859-1

GC/MS VOA

Analysis Batch: 592018

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
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
Job ID: 480-187859-1
Project/Site: Former Accurate Die Cast

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

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared 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
Date Collected: 08/02/21 07:00
Matrix: Water
Date Received: 08/03/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	592018	08/07/21 05:01	AXK	TAL BUF

Client Sample ID: EFFLUENT - GRAB 080221
Lab Sample ID: 480-187859-3
Date Collected: 08/02/21 07:00
Matrix: Wastewater
Date Received: 08/03/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	592018	08/07/21 05:24	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
Job ID: 480-187859-1
Project/Site: Former Accurate Die Cast

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-01-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
SM2540 C		Wastewater	Total Dissolved Solids

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

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

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

Chain of Custody Record

eurofins | Environment Testing America

Syracuse #225

Client Information	Sampler: MARTin Koennecke	Lab PM: Giacomazza, Joe V	Carrier Tracking No(s):	COC No: 480-145300-10588.1
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: joe.giacomazza@testamericainc.com	State of Origin:	Page: Page 1 of 1
Company: O'Brien & Gere Inc of North America	PWSID:			Job #:
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:			
City: East Syracuse	TAT Requested (days):			
State, Zip: NY, 13221	Compliance Project: Δ Yes Δ No			
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 12000090			
Email: yuri.veliz@ramboll.com	WO #:			
Project Name: Former Accurate Die Cast	Project #: 48008584			
Site: New York	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	2540D - Total Suspended Solids	2540C_Calcd - Total Dissolved Solids	8260C - Volatile Organic Compounds	Total Number of containers	Special Instructions/Note:
Preservation Code:							N	N	A		
Effluent 080221	8-2-21	7:00	C	Water			1	1		2	
Between Carbons 080221	8-2-21	7:00	G	Water					3	3	
Effluent 080221	8-2-21	7:00	G						3	3	

Rec 8-2-21

480-187859 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Martin Koennecke	8-2-21 / 9:50	OBG	Rec'd 9/11	8-2-21, 0950	Syr
Rec'd 9/11	8-2-21, 1900	Syr			
				8/3/21	TMB

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 3.1 -1 0500

Ver: 11/01/2020

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-187859-1

Login Number: 187859
List Number: 1
Creator: Stopa, Erik S

List Source: Eurofins TestAmerica, Buffalo

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

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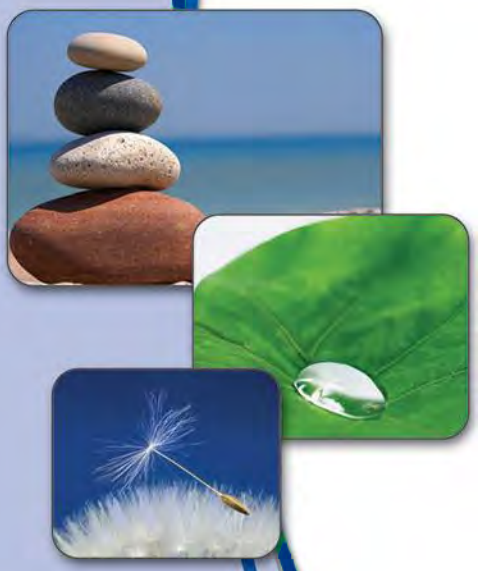

ANALYTICAL REPORT

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

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

Table of Contents

Glossary

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

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 2.6º C.

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

Detection Summary

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

Job ID: 480-188219-1

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	1		SM2540 C	Total/NA

This Detection Summary does not include radiochemical test results.

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

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

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

Job ID: 480-188219-1

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

Lab Sample ID: MB 480-593133/1
Matrix: Water
Analysis Batch: 593133

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

Analyte	MB Result	MB 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
Matrix: Water
Analysis Batch: 593133

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%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
Matrix: Water
Analysis Batch: 592960

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10.0	4.0	mg/L			08/16/21 11:50	1

Lab Sample ID: LCS 480-592960/2
Matrix: Water
Analysis Batch: 592960

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

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

QC Association Summary

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

Job ID: 480-188219-1

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	
MB 480-593133/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-593133/2	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: 480-188219-1

Client Sample ID: EFFLUENT 081121
Date Collected: 08/11/21 07:15
Date Received: 08/12/21 08:00

Lab Sample ID: 480-188219-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared 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
Job ID: 480-188219-1
Project/Site: Former Accurate Die Cast

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-01-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
SM2540 C		Water	Total Dissolved Solids

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

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

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

Chain of Custody Record

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Syracuse #225

Client Information	Sampler: MARTIN Koennecke	Lab PM: Giacomazza, Joe V	COC No: 480-158094-10587.1
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: joe.giacomazza@testamericainc.com	Page: Page 1 of 1
Company: O'Brien & Gere Inc of North America	PWSID:		Job #:
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:		
City: East Syracuse	TAT Requested (days):		
State, Zip: NY, 13221	Compliance Project: Δ Yes Δ No		
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 1940002622		
Email: yuri.veliz@ramboll.com	WO #:		
Project Name: Former Accurate Die Cast	Project #: 48008584		
Site: New York	SSOW#:		

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	2540D - Total Suspended Solids	2540C_Calcd - Total Dissolved Solids	8081B_Kit_Pesticides	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	A		
Effluent 08 1121	8-11-21	7:15	C	Water			1	1		2	

RE 8-11-21

480-188219 Chain of Custody

Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological	**Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)** ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months
Deliverable Requested: I, II, III, IV, Other (specify)	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: Martin Koennecke	Date/Time: 8-11-21 / 10:45	Company: OBG	Received by: RE-Fig/1.4
Relinquished by: RE-Fig/1.4	Date/Time: 8-11-21, 1805	Company: Eyn	Received by: Eyn
Relinquished by:	Date/Time:	Company:	Received by:

Received by	Date/Time	Company
RE-Fig/1.4	8-11-21, 10:45	Eyn
Eyn	8-12-21 800	TAB

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.6 ICE

Ver: 11/01/2020

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 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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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

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

Table of Contents

Definitions/Glossary

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

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
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

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 2.3º 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.

Detection Summary

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

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

This Detection Summary does not include radiochemical test results.

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

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

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			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	ug/L			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	0.73	ug/L			08/17/21 20:34	1

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

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

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	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*	*Qualifier*	*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 Surrogate Recovery (Acceptance Limits)			
		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)

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
Analysis Batch: 593057

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			08/17/21 13:06	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/17/21 13:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/17/21 13:06	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/17/21 13:06	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/17/21 13:06	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/17/21 13:06	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/17/21 13:06	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/17/21 13:06	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/17/21 13:06	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/17/21 13:06	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/17/21 13:06	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/17/21 13:06	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/17/21 13:06	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/17/21 13:06	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/17/21 13:06	1
2-Hexanone	ND		5.0	1.2	ug/L			08/17/21 13:06	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/17/21 13:06	1
Acetone	ND		10	3.0	ug/L			08/17/21 13:06	1
Benzene	ND		1.0	0.41	ug/L			08/17/21 13:06	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/17/21 13:06	1
Bromoform	ND		1.0	0.26	ug/L			08/17/21 13:06	1
Bromomethane	ND		1.0	0.69	ug/L			08/17/21 13:06	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/17/21 13:06	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/17/21 13:06	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/17/21 13:06	1
Chloroethane	ND		1.0	0.32	ug/L			08/17/21 13:06	1
Chloroform	ND		1.0	0.34	ug/L			08/17/21 13:06	1
Chloromethane	ND		1.0	0.35	ug/L			08/17/21 13:06	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/17/21 13:06	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/17/21 13:06	1
Cyclohexane	ND		1.0	0.18	ug/L			08/17/21 13:06	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/17/21 13:06	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/17/21 13:06	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/17/21 13:06	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/17/21 13:06	1
Methyl acetate	ND		2.5	1.3	ug/L			08/17/21 13:06	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/17/21 13:06	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/17/21 13:06	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/17/21 13:06	1
Styrene	ND		1.0	0.73	ug/L			08/17/21 13:06	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/17/21 13:06	1
Toluene	ND		1.0	0.51	ug/L			08/17/21 13:06	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/17/21 13:06	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/17/21 13:06	1
Trichloroethene	ND		1.0	0.46	ug/L			08/17/21 13:06	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/17/21 13:06	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/17/21 13:06	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/17/21 13:06	1

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

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

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

Surrogate	MB %Recovery	MB 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*

Lab Sample ID: LCS 480-593057/5
Matrix: Water
Analysis Batch: 593057

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%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-trifluoroethane	25.0	26.3		ug/L		105	61 - 148
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

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	25.0	27.9		ug/L		112	75 - 124
Styrene	25.0	24.8		ug/L		99	80 - 120
Tetrachloroethene	25.0	24.0		ug/L		96	74 - 122
Toluene	25.0	23.8		ug/L		95	80 - 122
trans-1,2-Dichloroethene	25.0	24.6		ug/L		99	73 - 127
trans-1,3-Dichloropropene	25.0	27.7		ug/L		111	80 - 120
Trichloroethene	25.0	24.5		ug/L		98	74 - 123
Trichlorofluoromethane	25.0	27.6		ug/L		110	62 - 150
Vinyl chloride	25.0	22.7		ug/L		91	65 - 133

Surrogate	*LCS %Recovery*	*LCS 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

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		1.0	1.0	mg/L			08/17/21 16:38	1

Lab Sample ID: LCS 480-593156/2
Matrix: Water
Analysis Batch: 593156

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

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

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10.0	4.0	mg/L			08/19/21 16:12	1

Lab Sample ID: LCS 480-593491/2
Matrix: Water
Analysis Batch: 593491

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

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

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	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188348-1	Effluent 081621 Comp	Total/NA	Water	SM 2540D	
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
Job ID: 480-188348-1
Project/Site: Former Accurate Die Cast

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

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared 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

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

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	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
Job ID: 480-188348-1
Project/Site: Former Accurate Die Cast

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-01-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
SM2540 C		Water	Total Dissolved Solids

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

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

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

Chain of Custody Record

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Syracuse #225

Client Information	Sampler: MARTIN Koennecke	Lab PM: Giacomazza, Joe V	Carrier Tracking No(s):	COC No: 480-158095-10587.1
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: joe.giacomazza@testamericainc.com	State of Origin:	Page: Page 1 of 1
Company: O'Brien & Gere Inc of North America	PWSID:			Job #:
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:	Analysis Requested		
City: East Syracuse	TAT Requested (days):			Preservation Codes:
State, Zip: NY, 13221	Compliance Project: Δ Yes Δ No			A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 T - TSP Dodecahydrate
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 1940002622			
Email: yuri.veliz@ramboll.com	WO #:			
Project Name: Former Accurate Die Cast	Project #: 48008584			
Site: New York	SSOW#:			

480-188348 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	2540D - Total Suspended Solids	2540C_Calcd - Total Dissolved Solids	8260C - Volatile Organic Compounds	Total Num	Special Instructions/Note:
			Preservation Code:				N	N	A		
Effluent 08162l	8-16-21	7:00	C	Water			1	1		2	
Effluent 08162l	8-16-21	7:00	G	W					3	3	
Rel 8-16-21											

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:			
Relinquished by: Martin Koennecke	Date/Time: 8-16-21 / 9:45	Company: OBG	Received by: R English	Date/Time: 8-16-21 0945	Company: Eyn
Relinquished by: R English	Date/Time: 8-16-21, 1900	Company: Eyn	Received by: Cwalker	Date/Time: 8/17/21 0800	Company: TAB
Relinquished by:	Date/Time:	Company	Received by	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 4C 2.3

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-188348-1

Login Number: 188348
List Number: 1
Creator: Wallace, Cameron

List Source: Eurofins TestAmerica, Buffalo

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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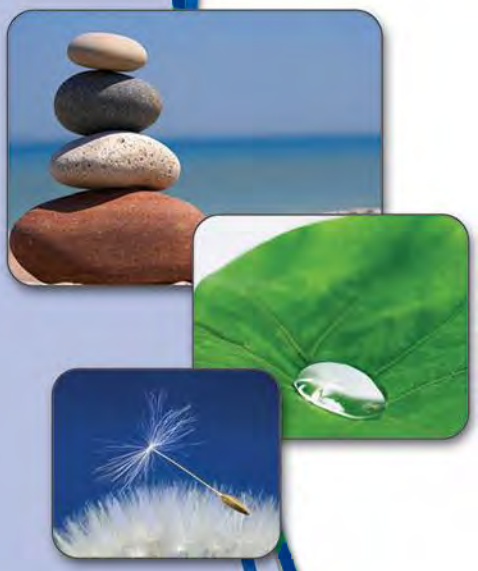

ANALYTICAL REPORT

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

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

Table of Contents

Glossary

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

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 2.8º C.

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

Detection Summary

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

Job ID: 480-188656-1

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

This Detection Summary does not include radiochemical test results.

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

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

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

Job ID: 480-188656-1

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

Lab Sample ID: MB 480-594048/1
Matrix: Water
Analysis Batch: 594048

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		1.0	1.0	mg/L			08/25/21 11:50	1

Lab Sample ID: LCS 480-594048/2
Matrix: Water
Analysis Batch: 594048

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%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
Matrix: Water
Analysis Batch: 594353

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10.0	4.0	mg/L			08/27/21 09:17	1

Lab Sample ID: LCS 480-594353/2
Matrix: Water
Analysis Batch: 594353

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%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 Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188656-1	EFFLUENT 082321	Total/NA	Water	SM 2540D	
MB 480-594048/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-594048/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 594353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-188656-1	EFFLUENT 082321	Total/NA	Water	SM2540 C	
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
Project/Site: Former Accurate Die Cast

Job ID: 480-188656-1

Client Sample ID: EFFLUENT 082321
Date Collected: 08/23/21 07:00
Date Received: 08/24/21 10:00

Lab Sample ID: 480-188656-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared 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
Job ID: 480-188656-1
Project/Site: Former Accurate Die Cast

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-01-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
SM2540 C		Water	Total Dissolved Solids

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

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

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

Chain of Custody Record

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Client Information	Sampler: Martin Koennecke	Lab PM: Giacomazza, Joe V	Carrier Tracking No(s): Syracuse #225	COC No: 480-158067-10586.1
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: joe.giacomazza@testamericainc.com	State of Origin:	Page: Page 1 of 1
Company: O'Brien & Gere Inc of North America	PWSID:			Job #:
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:			
City: East Syracuse	TAT Requested (days):			
State, Zip: NY, 13221	Compliance Project: Δ Yes Δ No			
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 1940002622			
Email: yuri.veliz@ramboll.com	WO #:			
Project Name: Former Accurate Die Cast	Project #: 48008584			
Site: New York	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD	2540D - Total Suspended Solids	2540C_Calcd - Total Dissolved Solids	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
Effluent 08 2321	8-23-21	7:00	C	Water			1	1	2	

Rec'd 8-23-21 C

480-188656 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are ... nth)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Martin Koennecke	8-23-21 / 10:35	CBG	R. Eagle	8-23-21, 10:35	
2	R. Eagle	8-23-21, 1900	Syr	Caudle	8/24/21 1000	TAS
3						

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:	IR 2.8

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

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	

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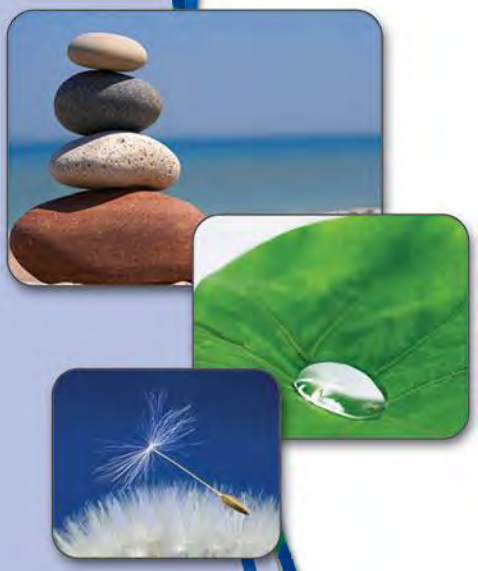

ANALYTICAL REPORT

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

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

Table of Contents

Definitions/Glossary

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

Glossary

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

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 2.8º C.

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

Detection Summary

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

Job ID: 480-188969-1

Client Sample ID: EFFLUENT 083121

Lab Sample ID: 480-188969-1

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

This Detection Summary does not include radiochemical test results.

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

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
Total Suspended Solids	ND		4.0	4.0	mg/L			09/01/21 13:35	1

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

Job ID: 480-188969-1

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

Lab Sample ID: MB 480-594966/1
Matrix: Water
Analysis Batch: 594966

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		1.0	1.0	mg/L			09/01/21 13:35	1

Lab Sample ID: LCS 480-594966/2
Matrix: Water
Analysis Batch: 594966

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%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
Matrix: Water
Analysis Batch: 595104

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

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

Lab Sample ID: LCS 480-595104/2
Matrix: Water
Analysis Batch: 595104

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

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

QC Association Summary

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

Job ID: 480-188969-1

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	

Lab Chronicle

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

Job ID: 480-188969-1

Client Sample ID: EFFLUENT 083121
Date Collected: 08/31/21 07:00
Date Received: 09/01/21 08:00

Lab Sample ID: 480-188969-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared 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
Job ID: 480-188969-1
Project/Site: Former Accurate Die Cast

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-01-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
SM2540 C		Water	Total Dissolved Solids

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

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

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: MARTIN Koennecke	Lab PM: Giacomazza, Joe V	Carrier Tracking No(s): Syracuse #225	COC No: 480-158069-10586.1
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: joe.giacomazza@testamericainc.com	State of Origin:	Page: Page 1 of 1
Company: O'Brien & Gere Inc of North America	PWSID:			Job #:
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:			Preservation Codes: A - HCL, M - Hexane, B - NaOH, C - Zn Acet, ... Other (specify)
City: East Syracuse	TAT Requested (days):			
State, Zip: NY, 13221	Compliance Project: Δ Yes Δ No			
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 1940002622			
Email: yuri.veliz@ramboll.com	WO #:			
Project Name: Former Accurate Die Cast	Project #: 48008584			
Site: New York	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	2540D - Total Suspended Solids	2540C_Calcd - Total Dissolved Solids	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
Effluent 083121	8-31-21	7:00	C	Water			1	1	2	

480-188969 Chain of Custody

Relinquished by 8-31-21

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by: Date: Time: Method of Shipment:

	Date/Time	Company	Received by	Date/Time	Company
Relinquished by: Martin Koennecke	8-31-21 / 9:35	OBG	RCaglia	8-31-21, 0935	Syr
Relinquished by: RCaglia	8-31-21, 1900	Syr	Cwalker	9/1/21 0800	TAB
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: #1 2.8

Ver: 06/08/2021

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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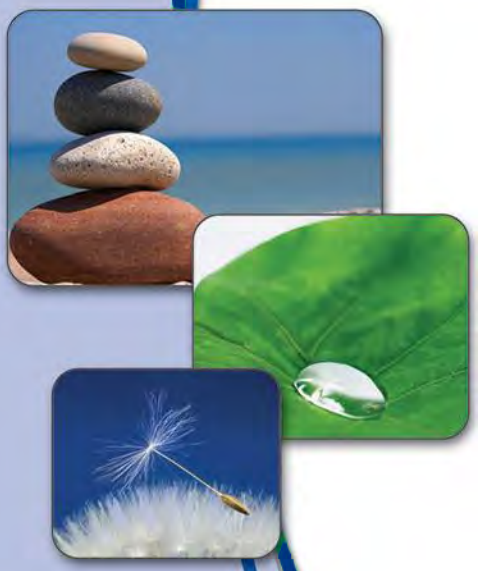

ANALYTICAL REPORT

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

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

Table of Contents

Glossary

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

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 4.2º 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.

Detection Summary

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

Job ID: 480-189224-1

Client Sample ID: EFF 090721 — Lab Sample ID: 480-189224-1

Analyte	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: BETWEEN CARBONS 090721 — Lab Sample ID: 480-189224-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	6.1		1.0	0.81	ug/L	1		8260C	Total/NA
Trichloroethene	4.4		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: INFLUENT 090721 — Lab Sample ID: 480-189224-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	320		8.0	3.7	ug/L	8		8260C	Total/NA

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

No Detections.

Client Sample ID: INFLUENT 090721 — Lab Sample ID: 480-189224-5

No Detections.

This Detection Summary does not include radiochemical test results.

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

Job ID: 480-189224-1

Client Sample ID: EFF 090721

Lab Sample ID: 480-189224-1

Date Collected: 09/07/21 07:15

Matrix: Water

Date Received: 09/08/21 08:00

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 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

Lab Sample ID: 480-189224-2

Date Collected: 09/07/21 07:15

Matrix: Water

Date Received: 09/08/21 08:00

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 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	ug/L			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	ug/L			09/11/21 14:19	1

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

Job ID: 480-189224-1

Client Sample ID: BETWEEN CARBONS 090721

Lab Sample ID: 480-189224-2

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

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

Analyte	Result	Qualifier	RL	MDL	Unit	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

Lab Sample ID: 480-189224-3

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

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

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

Client Sample ID: INFLUENT 090721

Lab Sample ID: 480-189224-3

Date Collected: 09/07/21 07:15

Matrix: Water

Date Received: 09/08/21 08:00

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

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

Lab Sample ID: 480-189224-4

Date Collected: 09/07/21 07:15

Matrix: Water

Date Received: 09/08/21 08:00

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
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			09/11/21 15:09	1

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

Job ID: 480-189224-1

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

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

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	0.90	ug/L			09/11/21 15:09	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/11/21 15:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*09/11/21 15:09*	*1*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*		*09/11/21 15:09*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 123*		*09/11/21 15:09*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*09/11/21 15:09*	*1*

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

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 Recovery (Acceptance Limits)			
		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)

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	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	0.31	ug/L			09/11/21 11:24	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			09/11/21 11:24	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			09/11/21 11:24	1
1,1-Dichloroethene	ND		1.0	0.29	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	0.79	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	0.34	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	0.36	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	ug/L			09/11/21 11:24	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			09/11/21 11:24	1
Ethylbenzene	ND		1.0	0.74	ug/L			09/11/21 11:24	1
Isopropylbenzene	ND		1.0	0.79	ug/L			09/11/21 11:24	1
Methyl acetate	ND		2.5	1.3	ug/L			09/11/21 11:24	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			09/11/21 11:24	1
Methylcyclohexane	ND		1.0	0.16	ug/L			09/11/21 11:24	1
Methylene Chloride	ND		1.0	0.44	ug/L			09/11/21 11:24	1
Styrene	ND		1.0	0.73	ug/L			09/11/21 11:24	1
Tetrachloroethene	ND		1.0	0.36	ug/L			09/11/21 11:24	1
Toluene	ND		1.0	0.51	ug/L			09/11/21 11:24	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			09/11/21 11:24	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			09/11/21 11:24	1
Trichloroethene	ND		1.0	0.46	ug/L			09/11/21 11:24	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			09/11/21 11:24	1
Vinyl chloride	ND		1.0	0.90	ug/L			09/11/21 11:24	1
Xylenes, Total	ND		2.0	0.66	ug/L			09/11/21 11:24	1

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

Lab Sample ID: MB 480-595969/7
Matrix: Water
Analysis Batch: 595969

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		09/11/21 11:24	1
4-Bromofluorobenzene (Surr)	98		73 - 120		09/11/21 11:24	1
Dibromofluoromethane (Surr)	99		75 - 123		09/11/21 11:24	1
Toluene-d8 (Surr)	100		80 - 120		09/11/21 11:24	1

Lab Sample ID: LCS 480-595969/5
Matrix: Water
Analysis Batch: 595969

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%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-trifluoroethane	25.0	25.4		ug/L		102	61 - 148
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
cis-1,3-Dichloropropene	25.0	24.5		ug/L		98	74 - 124
Cyclohexane	25.0	24.9		ug/L		100	59 - 135
Dibromochloromethane	25.0	24.3		ug/L		97	75 - 125
Dichlorodifluoromethane	25.0	23.7		ug/L		95	59 - 135
Ethylbenzene	25.0	24.3		ug/L		97	77 - 123
Isopropylbenzene	25.0	25.8		ug/L		103	77 - 122
Methyl acetate	50.0	47.8		ug/L		96	74 - 133
Methyl tert-butyl ether	25.0	24.4		ug/L		98	77 - 120
Methylcyclohexane	25.0	24.6		ug/L		98	68 - 134

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

Lab Sample ID: LCS 480-595969/5
Matrix: Water
Analysis Batch: 595969

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

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

Surrogate	*LCS %Recovery*	*LCS 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

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 595693

Analyte	MB Result	MB 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 21:24	1

Lab Sample ID: LCS 480-595693/2-A
Matrix: Water
Analysis Batch: 595875

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 595693

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

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 595693

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	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

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 595573

Analyte	MB Result	MB 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 16:11	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
Prep Batch: 595573

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00660		mg/L		99	80 - 120

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		1.0	1.0	mg/L			09/09/21 11:02	1

Lab Sample ID: LCS 480-595721/2
Matrix: Water
Analysis Batch: 595721

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

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10.0	4.0	mg/L			09/08/21 14:11	1

Lab Sample ID: LCS 480-595606/2
Matrix: Water
Analysis Batch: 595606

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

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

GC/MS VOA

Analysis Batch: 595969

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
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	
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	

Lab Chronicle

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

Job ID: 480-189224-1

Client Sample ID: EFF 090721

Lab Sample ID: 480-189224-1

Date Collected: 09/07/21 07:15

Matrix: Water

Date Received: 09/08/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared 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

Lab Sample ID: 480-189224-2

Date Collected: 09/07/21 07:15

Matrix: Water

Date Received: 09/08/21 08:00

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

Client Sample ID: INFLUENT 090721

Lab Sample ID: 480-189224-3

Date Collected: 09/07/21 07:15

Matrix: Water

Date Received: 09/08/21 08:00

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

Client Sample ID: EFFLUENT 090721

Lab Sample ID: 480-189224-4

Date Collected: 09/07/21 07:15

Matrix: Water

Date Received: 09/08/21 08:00

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

Client Sample ID: INFLUENT 090721

Lab Sample ID: 480-189224-5

Date Collected: 09/07/21 07:15

Matrix: Water

Date Received: 09/08/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared 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
Job ID: 480-189224-1
Project/Site: Former Accurate Die Cast

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-01-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
SM2540 C		Water	Total Dissolved Solids

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

Sample Summary

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

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

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

Chain of Custody Record

eurofins | Environment Testing America

Syracuse

#225

Client Information	Sampler: MARTIN KOERNECKY	Lab PM: Giacomazza, Joe V	Carrier Tracking No(s):	COC No: 480-145287-10589.1
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: joe.giacomazza@testamericainc.com	State of Origin:	Page: Page 1 of 1
Company: O'Brien & Gere Inc of North America	PWSID:			Job #:
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:			
City: East Syracuse	TAT Requested (days): Standard			
State, Zip: NY, 13221	Compliance Project: Δ Yes Δ No			
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 12000090			
Email: yuri.veliz@ramboll.com	WO #:			
Project Name: Former Accurate Die Cast	Project #: 48008584			
Site: New York	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, ...2S2O3, ...SO4, ... Dodecahydrate, ...tone, ...AA, ...4-5, ...r (specify)

480-189224 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	2540D - Total Suspended Solids	2540C_Calcd - Total Dissolved Solids	8260C - Volatile Organic Compounds	6010C - Zinc	7470A - Mercury	Total Number	Special Instructions/Note:
Preservation Code:							N	N	A	D	D		
Effluent 090721	9-7-21	7:15	C	Water			1	1		1	1	4	
Between Carbons 090721	9-7-21	7:15	G	Water					3			3	
Inffluent 090721	9-7-21	7:15	G	Water					3			3	
Effluent 090721	9-7-21	7:15	G	W					3			3	
Influent 090721	9-7-21	7:15	C	W						1	1	2	

AP
09/7/21

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Matt Koernecky	9-7-21 / 11:10	OBG		09/7/21 1110	ES-SYR
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	9-7-21, 1900	Dyn			
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 9/8/21 800	Company TAB

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 4.2 #1

Ver: 11/01/2020

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-189224-1

Login Number: 189224

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Stopa, Erik S

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

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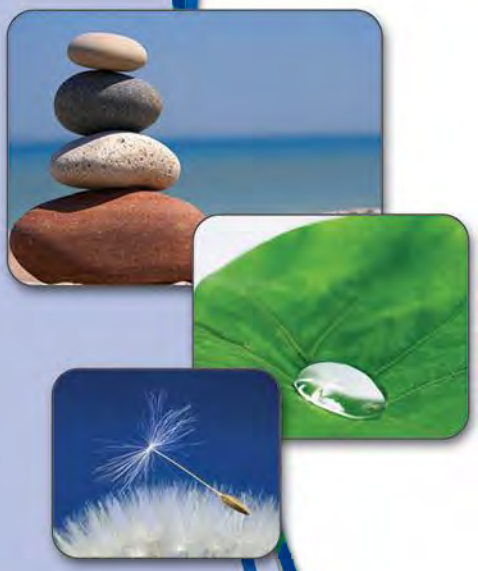

ANALYTICAL REPORT

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

Authorized for release by:
9/23/2021 4:39:11 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

Table of Contents

Definitions/Glossary

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

Glossary

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

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 2.2º C.

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

Detection Summary

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

Job ID: 480-189545-1

Client Sample ID: EFFLUENT 091421

Lab Sample ID: 480-189545-1

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

This Detection Summary does not include radiochemical test results.

Client Sample Results

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

Job ID: 480-189545-1

Client Sample ID: EFFLUENT 091421
Date Collected: 09/14/21 07:00
Date Received: 09/15/21 08:00

Lab Sample ID: 480-189545-1
Matrix: Water

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

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

Job ID: 480-189545-1

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

Lab Sample ID: MB 480-596876/1
Matrix: Water
Analysis Batch: 596876

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

Analyte	MB Result	MB 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
Matrix: Water
Analysis Batch: 596876

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%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
Matrix: Water
Analysis Batch: 596839

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10.0	4.0	mg/L			09/17/21 12:13	1

Lab Sample ID: LCS 480-596839/2
Matrix: Water
Analysis Batch: 596839

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%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	
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
Project/Site: Former Accurate Die Cast

Job ID: 480-189545-1

Client Sample ID: EFFLUENT 091421
Date Collected: 09/14/21 07:00
Date Received: 09/15/21 08:00

Lab Sample ID: 480-189545-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared 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
Job ID: 480-189545-1
Project/Site: Former Accurate Die Cast

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-01-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
SM2540 C		Water	Total Dissolved Solids

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

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

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

Chain of Custody Record

eurofins | Environment Testing America

Syracuse #225

Client Information	Sampler: Martin Koenneke	Lab PM: Giacomazza, Joe V	Carrier Tracking No(s):	COC No: 480-158071-10586.1
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: joe.giacomazza@testamericainc.com	State of Origin:	Page: Page 1 of 1
Company: O'Brien & Gere Inc of North America	PWSID:			Job #:
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:			
City: East Syracuse	TAT Requested (days):			
State, Zip: NY, 13221	Compliance Project: Δ Yes Δ No			
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 1940002622			
Email: yuri.veliz@ramboll.com	WO #:			
Project Name: Former Accurate Die Cast	Project #: 48008584			
Site: New York	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	2540D - Total Suspended Solids	2540C_Calcd - Total Dissolved Solids	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
Effluent 091421	9-14-21	7:00	C	Water			1	1	2	

Rec 9-14-21

480-189545 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

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

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	Martin Koenneke	9-14-21 / 12:20	OBG	Reinhuis	9-14-21, 12:20	Eyn
2	Reinhuis	9-14-21, 1900	Eyn		9-15-21 800	TAB
3						

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.2

Ver: 06/08/2021

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

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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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

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

Table of Contents

Definitions/Glossary

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

Glossary

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

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 3.5º C.

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

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

Detection Summary

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

Job ID: 480-190087-1

Client Sample ID: EFFLUENT 092421 - COMP — Lab Sample ID: 480-190087-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	645		10.0	4.0	mg/L	1		SM2540 C	Total/NA

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

No Detections.

This Detection Summary does not include radiochemical test results.

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

General Chemistry

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

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

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			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*	*Prepared*	*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 Surrogate Recovery (Acceptance Limits)			
		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 Surrogate Recovery (Acceptance Limits)			
		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

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

Lab Sample ID: MB 480-598947/8
Matrix: Water
Analysis Batch: 598947

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/05/21 00:26	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

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*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
Matrix: Water
Analysis Batch: 598947

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%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		ug/L		91	74 - 123

Surrogate	*LCS %Recovery*	*LCS 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
Matrix: Water
Analysis Batch: 598011

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

Analyte	MB Result	MB 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
Matrix: Water
Analysis Batch: 598011

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

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

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

Job ID: 480-190087-1

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-598187/1
Matrix: Water
Analysis Batch: 598187

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

Analyte	MB Result	MB Qualifier	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
Matrix: Water
Analysis Batch: 598187

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

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

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

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared 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

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared 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

Accreditation/Certification Summary

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

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-01-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
SM2540 C		Wastewater	Total Dissolved Solids

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

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

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

Chain of Custody Record

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Syracuse

Client Information	Sampler: Martin Koennecke	Lab PM: Giacomazza, Joe V	Carrier Tracking No(s): #225	COC No: 480-158096-10587.1
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: joe.giacomazza@testamericainc.com	State of Origin:	Page: Page 1 of 1
Company: O'Brien & Gere Inc of North America	PWSID:			Job #:
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:			
City: East Syracuse	TAT Requested (days):			
State, Zip: NY, 13221	Compliance Project: Δ Yes Δ No			
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 1940002622			
Email: yuri.veliz@ramboll.com	WO #:			
Project Name: Former Accurate Die Cast	Project #: 48008584			
Site: New York	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	2540D - Total Suspended Solids	2540C_Calcd - Total Dissolved Solids	8260C - Volatile Organic Compounds	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	A		
Effluent 092421	9-24-21	630	C	Water			1	1		2	
EFFLUENT 092421	9-24-21	6:30	G	W					3	3	

RLC 9-24-21

480-190087 Chain of Custody

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Martin Koennecke	9-24-21 / 9:20	OBG	RLC 9/24/21	9-24-21, 0930	Eyn
2	RLC 9/24/21	9-24-21, 1905	Eyn		Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 9/25/21	Company DTO

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 3.5 #1

Ver: 06/08/2021

Login Sample Receipt Checklist

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

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

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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

Table of Contents

Definitions/Glossary

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

Job ID: 480-190209-1

Glossary

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

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 3.5º C.

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

Detection Summary

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

Job ID: 480-190209-1

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	1		SM2540 C	Total/NA

This Detection Summary does not include radiochemical test results.

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

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

Lab Sample ID: MB 480-598376/1
Matrix: Water
Analysis Batch: 598376

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		1.0	1.0	mg/L			09/29/21 12:27	1

Lab Sample ID: LCS 480-598376/2
Matrix: Water
Analysis Batch: 598376

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%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
Matrix: Water
Analysis Batch: 598416

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10.0	4.0	mg/L			09/29/21 15:14	1

Lab Sample ID: LCS 480-598416/2
Matrix: Water
Analysis Batch: 598416

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

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

Lab Sample ID: 480-190209-1 DU
Matrix: Wastewater
Analysis Batch: 598416

Client Sample ID: EFFLUENT - 092821
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	566			620.0		mg/L				9	10

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	

Lab Chronicle

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

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared 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

Accreditation/Certification Summary

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

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-01-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
SM2540 C		Wastewater	Total Dissolved Solids

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

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

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

Chain of Custody Record

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Client Information
Client Contact: Mr. Yuri Veliz
Company: O'Brien & Gere Inc of North America
Address: 333 West Washington St. PO BOX 4873
City: East Syracuse
State, Zip: NY, 13221
Phone: 315-956-6100(Tel) 315-463-7554(Fax)
Email: yuri.veliz@ramboll.com
Project Name: Former Accurate Die Cast
Site: New York

Sampler: Martin Kaczmarek
Phone: 315-729-1300
PWSID:

Lab PM: Giacomazza, Joe V
E-Mail: joe.giacomazza@testamericainc.com
Carrier Tracking No(s):
State of Origin:

Due Date Requested:
TAT Requested (days):
Compliance Project: Δ Yes Δ No
PO #: 1940002622
WO #:
Project #: 48008584
SSOW#:

Syracuse #225

COC No: 480-158070-10586.1
Page: Page 1 of 1
Job #:

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	2540D - Total Suspended Solids	2540C_Calcd - Total Dissolved Solids	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
Effluent 092821	9-28-21	7:00	C	Water			1	1	2	

RL - 9-28

480-190209 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological
Deliverable Requested: I, II, III, IV, Other (specify)

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Special Instructions/QC Requirements:

Empty Kit Relinquished by: Date: Time: Method of Shipment:

	Date/Time	Company	Received by	Date/Time	Company
Relinquished by: Martin Kaczmarek	9-28-21 / 9:35	OBG	Reinhill	9-28-21, 0935	Ram
Relinquished by: Reinhill	9-28-21, 1905	Ram	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 9/29/21 800	Company TMD

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks: 3.5 #1

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-190209-1

Login Number: 190209
List Number: 1
Creator: Stopa, Erik S

List Source: Eurofins TestAmerica, Buffalo

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	