

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

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

Date February 2, 2022

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 fourth quarter of 2021 (October 1 through December 31, 2021). This information is provided as required by the Order on Consent (#A7-0318-94-10). Included are the results of the monitoring activities associated with the SPDES Fact Sheet for the groundwater treatment system.

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Operation Status and Activities Completed

As of December 31, 2021, a total of 128,753,621 gallons of groundwater have been treated since startup on February 5, 1996. From October 1 to December 31, 2021, 1,131,075 gallons of groundwater were treated: 210,818 gallons from recovery well RW-1; 919,823 gallons from recovery well RW-2; and 434 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.

In preparation for replacement of the carbon media, the granular activated carbon filter GAC#2 was drained on December 6, 2021. The carbon in granular activated carbon filter GAC#2 was replaced on December 8, 2021, and afterward, filter GAC#1 was placed into lead service and GAC#2 was placed into lag service.

The analytical results associated with the SPDES Fact Sheet monitoring activities performed during October, November, and December 2021 are summarized in Table 1. The effluent quality during the period complied with the SPDES discharge limits, with the exception of the Residue, non-filterable (total suspended solids [TSS]) concentration of 284 mg/L in the effluent sample collected on December 6, 2021. The higher TSS concentration was likely attributable to draining of GAC#2 on the same day the sample was collected.

Consistent with historic data, TSS was not detected above the discharge limit during the other weekly sampling events during the quarter. The laboratory analytical data sheets are provided as Attachment A.

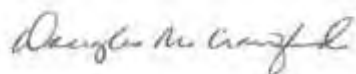
On October 21, 2021, groundwater samples were collected and analyzed for volatile organic compounds from monitoring wells MW-5, MW-6, MW-9, MW-10, MW-11, MW-12, MW-13, MW-14, MW-15, MW-16, MW-17, MW-18, MW-21, MW-22, MW-24, PZ-1, and PZ-2. The groundwater elevations are presented in Table 2 and the analytical results are summarized in Tables 3 and 4. The laboratory analytical data packages are provided as Attachment B.

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 315-350-9218.

Yours sincerely



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



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

Analyte (units)	Monitoring Requirements				Effluent 10/1/2021	Effluent 10/4/2021	Effluent 10/8/2021	Effluent 10/11/2021	Effluent 10/13/2021	Effluent 10/15/2021	Effluent 10/18/2021	Effluent 10/19/2021
	Discharge Limitation	Discharge Limitation	Minimum Measurement	Sample								
	Daily Average	Daily Maximum	Frequency (1)	Type								
Flow (GPD)	Monitor	150000	Continuous	Meter	11744	11454	11295	11212	10993	10872	11000	11558
pH (SU)	6.5-8.5		2/Week	Grab	7.5	7.5	7.6	7.6	7.5	7.5	7.6	7.5
Residue, non-filterable (mg/L)	Monitor	20	Weekly	3-hr comp.		4		4 U			4 U	
Total dissolved solids (TDS) (mg/L)	Monitor	Monitor	Weekly	3-hr comp.		635		1670			1000	
Mercury, total (mg/L)	Monitor	0.0008	Quarterly	3-hr comp.								
Zinc, total (mg/L)	Monitor	0.3	Quarterly	3-hr comp.								
cis-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab		1.0 U					1.0 U	
trans-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab		1.0 U					1.0 U	
Methylene chloride (ug/L)	Monitor	20	2/Month	Grab		1.0 U					1.0 U	
1,1,2,2-Tetrachloroethane (ug/L)	Monitor	10	2/Month	Grab		1.0 U					1.0 U	
Tetrachloroethene (ug/L)	Monitor	10	2/Month	Grab		1.0 U					1.0 U	
Toluene (ug/L)	Monitor	20	2/Month	Grab		1.0 U					1.0 U	
Trichloroethene (ug/L)	Monitor	10	2/Month	Grab		1.0 U					1.0 U	

Notes:
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 10/21/2021	Effluent 10/22/2021	Effluent 10/25/2021	Effluent 10/27/2021	Effluent 10/29/2021	Effluent 11/1/2021	Effluent 11/5/2021	Effluent 11/8/2021
	Discharge Limitation	Discharge Limitation	Minimum Measurement	Sample								
	Daily Average	Daily Maximum	Frequency (1)	Type								
Flow (GPD)	Monitor	150000	Continuous	Meter	12079	12179	12287	12538	12624	12918	12852	12892
pH (SU)	6.5-8.5		2/Week	Grab	7.5	7.6	7.6	7.6	7.6	7.6	7.6	7.9
Residue, non-filterable (mg/L)	Monitor	20	Weekly	3-hr comp.			4 U			4 U		
Total dissolved solids (TDS) (mg/L)	Monitor	Monitor	Weekly	3-hr comp.			625			626		
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, 1997.



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

Analyte (units)	Monitoring Requirements				Effluent 11/11/2021	Effluent 11/15/2021	Effluent 11/18/2021	Effluent 11/22/2021	Effluent 11/23/2021	Effluent 11/29/2021	Effluent 12/1/2021	Effluent 12/3/2021
	Discharge Limitation	Discharge Limitation	Minimum Measurement	Sample								
	Daily Average	Daily Maximum	Frequency (1)	Type								
Flow (GPD)	Monitor	150000	Continuous	Meter	12927	12611	12899	12937	12811	12854	12837	12821
pH (SU)	6.5-8.5		2/Week	Grab	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
Residue, non-filterable (mg/L)	Monitor	20	Weekly	3-hr comp.	4 U		4 U	4 U		4 U		
Total dissolved solids (TDS) (mg/L)	Monitor	Monitor	Weekly	3-hr comp.	590		644 B	585		603		
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, 1997.



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

Analyte (units)	Monitoring Requirements				Effluent 12/6/2021	Effluent 12/10/2021	Effluent 12/13/2021	Effluent 12/16/2021	Effluent 12/23/2021	Effluent 12/28/2021	Effluent 12/29/2021	Effluent 12/30/2021
	Discharge Limitation	Discharge Limitation	Minimum Measurement	Sample								
	Daily Average	Daily Maximum	Frequency (1)	Type								
Flow (GPD)	Monitor	150000	Continuous	Meter	12839	12782	12787	12725	12712	12667	12605	12635
pH (SU)	6.5-8.5		2/Week	Grab	7.6	7.8	7.8	7.6	7.7	7.6	7.6	7.6
Residue, non-filterable (mg/L)	Monitor	20	Weekly	3-hr comp.	284		4 U		4 U			
Total dissolved solids (TDS) (mg/L)	Monitor	Monitor	Weekly	3-hr comp.	633		621		599			
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 2
Former Accurate Die Casting Site
Fayetteville, New York
Groundwater Elevation Summary Table

Well ID	Ground Elevation (ft)	Well Casing Elevation (ft)	Screen Interval Elevation (ft)	Groundwater Elevation (ft) 5/28/1992	Groundwater Elevation (ft) 6/26/1992	Groundwater Elevation (ft) 8/7/1992	Groundwater Elevation (ft) 9/26/1994	Groundwater Elevation (ft) 9/27/1994	Groundwater Elevation (ft) 10/18/1994	Groundwater Elevation (ft) 11/2/1994	Groundwater Elevation (ft) 11/17/1994	Groundwater Elevation (ft) 11/30/1994	Groundwater Elevation (ft) 12/15/1994
MW-01	99.36	101.11	75.4 - 85.4	DRY	DRY	79.69	---	---	DRY	---	---	---	---
MW-02	91.8	94.68	76.6 - 86.6	83.21	82.81	84.32	83.1	83.28	80.12	---	---	---	---
MW-03	97.65	99.63	73.7 - 83.7	80.44	---	81.63	---	---	---	---	---	---	---
MW-04	65.62	68.52	46.6 - 56.6	51.08	49.95	50.81	47.22	52.21	46.79	---	---	---	---
MW-05	88.21	90.42	49.2 - 59.2	60.71	63.76	61.22	59.87	59.91	59.45	---	---	---	---
MW-06	77.46	79.38	46.4 - 56.4	60.5	60.49	60.46	59.51	59.52	59.05	---	---	---	---
MW-07 (B)	75.66	78.34	34.3 - 44.3	54.59	54.55	54.47	53.9	53.97	53.55	---	---	---	---
MW-08	88.21	91.78	53.9 - 63.9	66.38	66.38	66.83	61.59	61.65	60.99	---	---	---	---
MW-09	102.44	104.03	49.7 - 59.7	60.46	60.51	61.83	59.57	59.59	59.08	---	---	---	---
MW-10 (B)	97.51	97.27	43 - 53	61.15	61.99	61.69	---	---	56.02	55.07	55.19	54.94	55.19
MW-11 (B)	91.48	93.8	43.1 - 53.1	62.34	63.7	63.66	58.41	58.39	57.47	---	56.68	55.59	56.63
MW-12	93.62	94.14	51.9 - 61.9	62.24	60.74	62.77	59.77	59.79	59.31	---	---	---	---
MW-13	98.8	98.7	77.7 - 87.7	DRY	80.62	80.92	---	---	78.7	82.92	78.21	78.21	80.92
MW-14	98.76	100.62	74.6 - 84.6	75.11	79.07	81.54	---	---	86.18	80.12	80.54	80.54	80.2
MW-15 (B)	96.1	98.9	32.7 - 42.7	---	---	---	---	---	53.47	---	---	---	---
MW-16 (B)	98.5	100.85	50.8 - 60.8	---	---	---	---	---	61.67	---	---	---	---
MW-17	66.9	69.24	53.7 - 63.7	---	---	---	54.61	54.61	54.08	---	---	---	---
MW-18	76.5	78.29	61.5 - 71.5	---	---	---	---	---	---	---	---	---	---
MW-19	69.5	71.27	46.5 - 56.5	---	---	---	---	---	---	---	---	---	---
MW-20	70.98	73.34	51.9 - 61.9	---	---	---	---	---	---	---	---	---	---
MW-21	69.9	71.87	59.5 - 64.5	---	---	---	---	---	---	---	---	---	---
MW-22	71.5	73.34	60.9 - 65.9	---	---	---	---	---	---	---	---	---	---
MW-23 (B)	89.8	91.72	17.3 - 22.3	---	---	---	---	---	---	---	---	---	---
MW-24*			-	---	---	---	---	---	---	---	---	---	---
PZ-01	81.8	83.95	49.8 - 59.8	---	---	---	59.56	59.57	59.1	---	---	---	---
PZ-02	80.6	83.06	42.8 - 52.8	---	---	---	59.35	59.36	58.89	---	---	---	---
RW-01**	78.4	80.28	29.4 - 39.4, 45.4 - 50.4	---	---	---	56.88	56.89	58.22	---	---	---	---
RW-02 (B)	91.58	95.18	-	---	---	---	---	---	---	---	---	---	---
SUMP		97.93	-	---	---	---	---	---	---	76.04	74.83	75	75.17

Notes:

--- Water level not monitored, (B)-Bedrock groundwater monitoring well,

* - Measurement relative to top of well casing. Elevations based on assumed datum. MW-01 through MW-16 installed during Remedial Investigation (Stearns & Wheeler). MW-03 was removed as part of the TCE Soils Interim Remedial Measure (IRM) completed in September 1994. System shutdown 02/15/96; System restored 02/20/96. System start-up 02/06/96; MW-13 casing elev. changed 06/06/96. MW-04 and MW-20 were abandoned and replaced by MW-21 and MW-22 on 01/20/97.

** - Groundwater elevations are representative of combined pumping head of both screened intervals.

Table 2
Former Accurate Die Casting Site
Fayetteville, New York
Groundwater Elevation Summary Table

Well ID	Ground Elevation (ft)	Well Casing Elevation (ft)	Screen Interval Elevation (ft)	Groundwater Elevation (ft) 12/27/1994	Groundwater Elevation (ft) 1/13/1995	Groundwater Elevation (ft) 1/25/1995	Groundwater Elevation (ft) 2/9/1995	Groundwater Elevation (ft) 2/23/1995	Groundwater Elevation (ft) 3/9/1995	Groundwater Elevation (ft) 4/26/1995	Groundwater Elevation (ft) 7/25/1995	Groundwater Elevation (ft) 10/17/1995	Groundwater Elevation (ft) 2/5/1996
MW-01	99.36	101.11	75.4 - 85.4	---	---	---	---	---	---	DRY	DRY	DRY	77.06
MW-02	91.8	94.68	76.6 - 86.6	---	---	---	---	---	---	83.28	82.42	84.22	84.04
MW-03	97.65	99.63	73.7 - 83.7	---	---	---	---	---	---	---	---	---	---
MW-04	65.62	68.52	46.6 - 56.6	---	---	---	---	---	---	51.44	45.94	---	53.6
MW-05	88.21	90.42	49.2 - 59.2	---	---	---	---	---	---	60.34	58.78	---	61.26
MW-06	77.46	79.38	46.4 - 56.4	---	---	---	---	---	---	---	58.52	58.1	60.86
MW-07 (B)	75.66	78.34	34.3 - 44.3	---	---	---	---	---	---	54.51	53.27	52.71	55.16
MW-08	88.21	91.78	53.9 - 63.9	---	---	---	---	---	---	63.41	59.82	60.76	66.61
MW-09	102.44	104.03	49.7 - 59.7	---	---	---	---	---	---	60.1	58.56	58.16	60.95
MW-10 (B)	97.51	97.27	43 - 53	55.02	54.94	54.95	54.52	54.36	55.02	57.49	54.6	54.61	62
MW-11 (B)	91.48	93.8	43.1 - 53.1	56.55	55.63	55.63	56.13	55.63	56.55	58.86	55.72	55.31	62.63
MW-12	93.62	94.14	51.9 - 61.9	---	---	---	---	---	---	60.3	58.76	58.35	61.11
MW-13	98.8	98.7	77.7 - 87.7	78.34	78.25	77.83	77.84	77.75	77.67	DRY	DRY	DRY	---
MW-14	98.76	100.62	74.6 - 84.6	80.54	80.62	80.45	78.95	79.54	80.12	80.61	80.61	80.72	79.91
MW-15 (B)	96.1	98.9	32.7 - 42.7	---	---	---	---	---	---	54.71	51.6	50.47	59.24
MW-16 (B)	98.5	100.85	50.8 - 60.8	---	---	---	---	---	---	63.86	59.41	58.06	67.14
MW-17	66.9	69.24	53.7 - 63.7	---	---	---	---	---	---	59.02	57.71	DRY	60.29
MW-18	76.5	78.29	61.5 - 71.5	---	---	---	---	---	---	---	---	---	---
MW-19	69.5	71.27	46.5 - 56.5	---	---	---	---	---	---	---	---	---	---
MW-20	70.98	73.34	51.9 - 61.9	---	---	---	---	---	---	---	---	---	---
MW-21	69.9	71.87	59.5 - 64.5	---	---	---	---	---	---	---	---	---	---
MW-22	71.5	73.34	60.9 - 65.9	---	---	---	---	---	---	---	---	---	---
MW-23 (B)	89.8	91.72	17.3 - 22.3	---	---	---	---	---	---	---	---	---	---
MW-24*			-	---	---	---	---	---	---	---	---	---	---
PZ-01	81.8	83.95	49.8 - 59.8	---	---	---	---	---	---	---	58.58	58.16	60.92
PZ-02	80.6	83.06	42.8 - 52.8	---	---	---	---	---	---	59.88	58.37	57.97	60.7
RW-01**	78.4	80.28	29.4 - 39.4, 45.4 - 50.4	---	---	---	---	---	---	59.14	57.6	57.11	59.64
RW-02 (B)	91.58	95.18	-	---	---	---	---	---	---	---	---	56.05	63.8
SUMP		97.93	-	74.83	75	75	74.88	75	78	75.09	75.25	76.94	74.67

Notes:

--- Water level not monitored, (B)-Bedrock groundwater monitoring well,

* - Measurement relative to top of well casing. Elevations based on assumed datum. MW-01 through MW-16 installed during Remedial Investigation (Stearns & Wheeler). MW-03 was removed as part of the TCE Soils Interim Remedial Measure (IRM) completed in September 1994. System shutdown 02/15/96; System restored 02/20/96. System start-up 02/06/96; MW-13 casing elev. changed 06/06/96. MW-04 and MW-20 were abandoned and replaced by MW-21 and MW-22 on 01/20/97.

** - Groundwater elevations are representative of combined pumping head of both screened intervals.

Table 2
Former Accurate Die Casting Site
Fayetteville, New York
Groundwater Elevation Summary Table

Well ID	Ground Elevation (ft)	Well Casing Elevation (ft)	Screen Interval Elevation (ft)	Groundwater Elevation (ft) 2/7/1996	Groundwater Elevation (ft) 2/15/1996	Groundwater Elevation (ft) 2/16/1996	Groundwater Elevation (ft) 2/20/1996	Groundwater Elevation (ft) 2/22/1996	Groundwater Elevation (ft) 2/29/1996	Groundwater Elevation (ft) 3/7/1996	Groundwater Elevation (ft) 3/21/1996	Groundwater Elevation (ft) 4/4/1996	Groundwater Elevation (ft) 4/10/1996
MW-01	99.36	101.11	75.4 - 85.4	76.64	75.3	DRY	DRY	DRY	75.36	75.17	77.34	DRY	DRY
MW-02	91.8	94.68	76.6 - 86.6	83.87	83.41	83.34	83.15	83.32	83.67	83.5	84.24	83.68	83.68
MW-03	97.65	99.63	73.7 - 83.7	---	---	---	---	---	---	---	---	---	---
MW-04	65.62	68.52	46.6 - 56.6	52.06	55.39	54.43	52.46	60.37	58.14	55.1	59.26	52.66	54.43
MW-05	88.21	90.42	49.2 - 59.2	---	60.8	60.73	60.5	60.4	60.14	59.73	58.85	58.32	58.14
MW-06	77.46	79.38	46.4 - 56.4	60.44	60.41	60.11	59.8	59.75	59.45	58.96	58.02	57.48	57.28
MW-07 (B)	75.66	78.34	34.3 - 44.3	54.67	55.03	54.52	54.45	54.58	54.46	54.32	54.29	54.17	54.15
MW-08	88.21	91.78	53.9 - 63.9	66.4	65.93	65.84	65.47	65.42	65.12	64.68	64.76	64.1	63.83
MW-09	102.44	104.03	49.7 - 59.7	60.7	60.48	60.35	---	---	59.71	59.22	58.3	57.78	57.59
MW-10 (B)	97.51	97.27	43 - 53	59.88	62.11	60.42	59.96	59.91	59.64	59.43	59.07	58.81	58.72
MW-11 (B)	91.48	93.8	43.1 - 53.1	60.37	62.67	60.88	60.35	60.29	59.99	59.78	59.38	59.1	59.01
MW-12	93.62	94.14	51.9 - 61.9	60.83	60.65	60.5	60.21	60.16	59.86	59.37	58.44	57.93	57.74
MW-13	98.8	98.7	77.7 - 87.7	79.98	79.91	79.9	79.88	79.87	79.86	79.77	79.68	79.6	79.57
MW-14	98.76	100.62	74.6 - 84.6	---	80.28	80.29	80.35	80.38	80.44	80.45	80.49	80.52	80.55
MW-15 (B)	96.1	98.9	32.7 - 42.7	59.37	59.79	59.63	59.56	59.56	59.46	59.4	59.14	59.07	59.04
MW-16 (B)	98.5	100.85	50.8 - 60.8	67.17	66.9	66.79	66.57	66.52	66.39	66.17	65.99	65.99	65.9
MW-17	66.9	69.24	53.7 - 63.7	60.17	59.75	59.7	59.52	59.64	59.42	59.28	59.3	59.27	59.14
MW-18	76.5	78.29	61.5 - 71.5	---	---	---	---	---	---	---	---	---	---
MW-19	69.5	71.27	46.5 - 56.5	---	---	---	---	---	---	---	---	---	---
MW-20	70.98	73.34	51.9 - 61.9	---	---	---	---	---	---	---	---	---	---
MW-21	69.9	71.87	59.5 - 64.5	---	---	---	---	---	---	---	---	---	---
MW-22	71.5	73.34	60.9 - 65.9	---	---	---	---	---	---	---	---	---	---
MW-23 (B)	89.8	91.72	17.3 - 22.3	---	---	---	---	---	---	---	---	---	---
MW-24*			-	---	---	---	---	---	---	---	---	---	---
PZ-01	81.8	83.95	49.8 - 59.8	60.61	60.46	60.28	59.99	59.93	59.63	59.14	58.21	57.67	57.47
PZ-02	80.6	83.06	42.8 - 52.8	60.3	60.26	59.97	59.66	59.61	59.33	58.83	57.9	57.39	57.19
RW-01**	78.4	80.28	29.4 - 39.4, 45.4 - 50.4	55.04	59.22	54.71	54.4	54.35	54.05	53.58	52.76	52.24	52.03
RW-02 (B)	91.58	95.18	-	59.98	63.83	60.67	---	59.97	59.63	59.41	58.95	58.63	58.52
SUMP		97.93	-	74.68	74.64	74.63	74.63	75.3	74.9	74.65	74.87	74.69	74.99

Notes:

--- Water level not monitored, (B)-Bedrock groundwater monitoring well,

* - Measurement relative to top of well casing. Elevations based on assumed datum. MW-01 through MW-16 installed during Remedial Investigation (Stearns & Wheler). MW-03 was removed as part of the TCE Soils Interim Remedial Measure (IRM) completed in September 1994. System shutdown 02/15/96; System restored 02/20/96. System start-up 02/06/96; MW-13 casing elev. changed 06/06/96. MW-04 and MW-20 were abandoned and replaced by MW-21 and MW-22 on 01/20/97.

** - Groundwater elevations are representative of combined pumping head of both screened intervals.

Table 2
Former Accurate Die Casting Site
Fayetteville, New York
Groundwater Elevation Summary Table

Well ID	Ground Elevation (ft)	Well Casing Elevation (ft)	Screen Interval Elevation (ft)	Groundwater Elevation (ft) 4/18/1996	Groundwater Elevation (ft) 5/2/1996	Groundwater Elevation (ft) 6/6/1996	Groundwater Elevation (ft) 7/16/1996	Groundwater Elevation (ft) 9/5/1996	Groundwater Elevation (ft) 10/21/1996	Groundwater Elevation (ft) 11/19/1996	Groundwater Elevation (ft) 1/16/1997	Groundwater Elevation (ft) 2/4/1997	Groundwater Elevation (ft) 4/15/1997
MW-01	99.36	101.11	75.4 - 85.4	DRY	77.73	DRY	DRY	DRY	DRY	76.6	75.15	---	75.64
MW-02	91.8	94.68	76.6 - 86.6	84.86	85.35	83.17	83.32	82.57	83.18	84.22	83.56	---	83.81
MW-03	97.65	99.63	73.7 - 83.7	---	---	---	---	---	---	---	---	---	---
MW-04	65.62	68.52	46.6 - 56.6	60.28	59.7	51.63	52.45	DRY	55.91	55.91	53.12	---	---
MW-05	88.21	90.42	49.2 - 59.2	58.2	58.71	60.54	58.98	56.33	55.4	56.49	59.15	---	59.83
MW-06	77.46	79.38	46.4 - 56.4	57.41	58.17	59.91	58.13	54.95	53.71	55.61	58.39	---	59.34
MW-07 (B)	75.66	78.34	34.3 - 44.3	54.32	54.75	55.02	53.95	52.44	51.22	52.68	54.28	---	54.7
MW-08	88.21	91.78	53.9 - 63.9	64.08	65.43	67.07	64.5	59.05	59.56	63.61	64.67	---	65.15
MW-09	102.44	104.03	49.7 - 59.7	57.73	58.46	60.18	58.38	55.38	54.24	56.64	58.65	---	59.6
MW-10 (B)	97.51	97.27	43 - 53	58.61	59.72	62.25	59.11	53.88	---	54.95	59.61	---	58.11
MW-11 (B)	91.48	93.8	43.1 - 53.1	58.94	60.35	62.68	59.53	54.72	52.88	55.85	60.15	---	58.59
MW-12	93.62	94.14	51.9 - 61.9	57.86	58.59	60.33	58.54	55.48	54.3	56.18	58.81	---	59.72
MW-13	98.8	98.7	77.7 - 87.7	79.52	79.44	79.28	79.35	79.15	79.07	80.68	80.49	---	80.33
MW-14	98.76	100.62	74.6 - 84.6	78.14	79.29	80.56	80.66	80.59	80.61	---	80.59	---	80.53
MW-15 (B)	96.1	98.9	32.7 - 42.7	58.84	59.87	62.62	59.24	54.83	51.58	51.99	58.83	---	59.83
MW-16 (B)	98.5	100.85	50.8 - 60.8	65.84	67.02	68.4	65.57	63.31	---	---	66.13	---	66.89
MW-17	66.9	69.24	53.7 - 63.7	59.3	59.95	59.22	58.46	57.89	55.96	58.02	59.33	---	59.64
MW-18	76.5	78.29	61.5 - 71.5	---	---	72.95	72.32	70.81	70.77	---	73.31	72.78	73.6
MW-19	69.5	71.27	46.5 - 56.5	---	---	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-20	70.98	73.34	51.9 - 61.9	---	---	DRY	50.26	DRY	DRY	DRY	DRY	---	---
MW-21	69.9	71.87	59.5 - 64.5	---	---	---	---	---	---	---	---	63.69	63.74
MW-22	71.5	73.34	60.9 - 65.9	---	---	---	---	---	---	---	---	63.69	67.92
MW-23 (B)	89.8	91.72	17.3 - 22.3	---	---	---	---	---	---	---	---	---	37.71
MW-24*			-	---	---	---	---	---	---	---	---	---	---
PZ-01	81.8	83.95	49.8 - 59.8	57.6	58.34	---	58.31	55.13	53.9	55.83	58.57	---	59.51
PZ-02	80.6	83.06	42.8 - 52.8	57.3	58.04	59.77	57.97	54.9	53.53	55.25	58.23	---	59.13
RW-01**	78.4	80.28	29.4 - 39.4, 45.4 - 50.4	52.11	52.69	53.82	51.94	48.05	41.8	47.33	50.74	---	50.3
RW-02 (B)	91.58	95.18	-	58.41	59.63	62.56	59.14	---	42.02	55.39	---	---	55.69
SUMP		97.93	-	75.89	75.76	74.73	74.78	74.56	74.85	74.77	74.71	---	74.94

Notes:

--- Water level not monitored, (B)-Bedrock groundwater monitoring well,

* - Measurement relative to top of well casing. Elevations based on assumed datum. MW-01 through MW-16 installed during Remedial Investigation (Stearns & Wheeler). MW-03 was removed as part of the TCE Soils Interim Remedial Measure (IRM) completed in September 1994. System shutdown 02/15/96; System restored 02/20/96. System start-up 02/06/96; MW-13 casing elev. changed 06/06/96. MW-04 and MW-20 were abandoned and replaced by MW-21 and MW-22 on 01/20/97.

** - Groundwater elevations are representative of combined pumping head of both screened intervals.

Table 2
Former Accurate Die Casting Site
Fayetteville, New York
Groundwater Elevation Summary Table

Well ID	Ground Elevation (ft)	Well Casing Elevation (ft)	Screen Interval Elevation (ft)	Groundwater Elevation (ft) 7/8/1997	Groundwater Elevation (ft) 10/22/1997	Groundwater Elevation (ft) 1/29/1998	Groundwater Elevation (ft) 4/15/1998	Groundwater Elevation (ft) 10/20/1998	Groundwater Elevation (ft) 4/28/1999	Groundwater Elevation (ft) 10/19/1999	Groundwater Elevation (ft) 4/6/2000	Groundwater Elevation (ft) 11/7/2000	Groundwater Elevation (ft) 7/3/2001
MW-01	99.36	101.11	75.4 - 85.4	DRY	DRY	DRY	DRY	DRY	DRY	DRY	80.92	DRY	77.46
MW-02	91.8	94.68	76.6 - 86.6	---	82.84	83.47	83.52	83.54	83.38	84.44	86.58	---	84.33
MW-03	97.65	99.63	73.7 - 83.7	---	---	---	---	---	---	---	---	---	---
MW-04	65.62	68.52	46.6 - 56.6	---	---	---	---	---	---	---	---	---	---
MW-05	88.21	90.42	49.2 - 59.2	59.16	58.34	60.86	---	---	59.91	55.35	60.52	59.83	60.92
MW-06	77.46	79.38	46.4 - 56.4	58.58	57.97	60.46	60.57	59.69	59.11	53.34	60.36	59.4	55.87
MW-07 (B)	75.66	78.34	34.3 - 44.3	52.93	50.63	52.9	53.82	51.76	54.57	51.73	54.87	DRY	53.34
MW-08	88.21	91.78	53.9 - 63.9	61.65	58.9	64.98	67.17	59.86	64.21	62.37	66.41	61.45	65.63
MW-09	102.44	104.03	49.7 - 59.7	58.76	58	60.51	60.56	59.71	59.68	54.25	60.62	59.42	60.51
MW-10 (B)	97.51	97.27	43 - 53	53.44	50.75	55.78	---	51.88	57.97	51.32	57.6	52.73	57.22
MW-11 (B)	91.48	93.8	43.1 - 53.1	55.2	52.5	56.75	61.73	53.98	58.36	53.31	59.39	54.66	59.15
MW-12	93.62	94.14	51.9 - 61.9	58.92	58.21	60.67	60.8	59.89	59.53	54.09	60.71	59.62	60.63
MW-13	98.8	98.7	77.7 - 87.7	79.84	79.53	78.87	78.67	78.31	78.08	80.75	80.89	80.53	79.95
MW-14	98.76	100.62	74.6 - 84.6	80.55	80.58	80.78	80.78	80.64	80.54	80.67	80.6	80.75	79.74
MW-15 (B)	96.1	98.9	32.7 - 42.7	56.63	50.48	56.34	62.1	52.58	58.94	50.95	58.81	54.32	58.98
MW-16 (B)	98.5	100.85	50.8 - 60.8	64.43	58.45	65.71	68.03	61.84	65.99	59.81	66.92	63.57	66.14
MW-17	66.9	69.24	53.7 - 63.7	58.33	DRY	59.7	59.51	57.93	58.76	57.47	60.28	58.33	58.55
MW-18	76.5	78.29	61.5 - 71.5	71.34	69.71	73.5	73.29	70.74	72.46	70.78	75.08	71.61	72.09
MW-19	69.5	71.27	46.5 - 56.5	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-20	70.98	73.34	51.9 - 61.9	---	---	---	---	---	---	---	---	---	---
MW-21	69.9	71.87	59.5 - 64.5	---	62.93	63.82	63.54	63.23	63.31	62.69	64.42	62.59	62.53
MW-22	71.5	73.34	60.9 - 65.9	67.35	65.96	68.51	68.39	67.83	68.05	67.69	68.52	66.42	68.13
MW-23 (B)	89.8	91.72	17.3 - 22.3	35.61	32.29	34.95	37.95	33.57	36.76	32.48	36.69	33.97	36.21
MW-24*			-	---	---	---	---	---	---	---	---	---	---
PZ-01	81.8	83.95	49.8 - 59.8	58.7	58.01	60.5	60.61	59.7	59.3	53.65	60.51	59.44	---
PZ-02	80.6	83.06	42.8 - 52.8	58.34	57.65	60.22	60.34	59.46	59.03	52.71	60.17	59.16	---
RW-01**	78.4	80.28	29.4 - 39.4, 45.4 - 50.4	43.34	42.03	43.13	32.6	32.36	54.69	---	50.73	40.88	---
RW-02 (B)	91.58	95.18	-	44.07	42.89	52.74	59.94	44.33	56.74	---	54.52	42.86	---
SUMP		97.93	-	75.01	74.75	74.89	74.96	75.2	75.26	---	78.49	74.91	75.33

Notes:

--- Water level not monitored, (B)-Bedrock groundwater monitoring well,

* - Measurement relative to top of well casing. Elevations based on assumed datum. MW-01 through MW-16 installed during Remedial Investigation (Stearns & Wheeler). MW-03 was removed as part of the TCE Soils Interim Remedial Measure (IRM) completed in September 1994. System shutdown 02/15/96; System restored 02/20/96. System start-up 02/06/96; MW-13 casing elev. changed 06/06/96. MW-04 and MW-20 were abandoned and replaced by MW-21 and MW-22 on 01/20/97.

** - Groundwater elevations are representative of combined pumping head of both screened intervals.

Table 2
Former Accurate Die Casting Site
Fayetteville, New York
Groundwater Elevation Summary Table

Well ID	Ground Elevation (ft)	Well Casing Elevation (ft)	Screen Interval Elevation (ft)	Groundwater Elevation (ft) 11/8/2001	Groundwater Elevation (ft) 4/3/2002	Groundwater Elevation (ft) 10/9/2002	Groundwater Elevation (ft) 12/28/2004	Groundwater Elevation (ft) 4/8/2005	Groundwater Elevation (ft) 5/8/2005	Groundwater Elevation (ft) 11/9/2005	Groundwater Elevation (ft) 4/21/2006	Groundwater Elevation (ft) 1/2/2007	Groundwater Elevation (ft) 11/29/2007
MW-01	99.36	101.11	75.4 - 85.4	76.87	77.42	101.11	76.7	80.09	80.09	78.27	78.66	76.7	80.03
MW-02	91.8	94.68	76.6 - 86.6	83.67	84.28	83.6	83.67	85.01	85.01	84.1	85.14	83.58	85.6
MW-03	97.65	99.63	73.7 - 83.7	---	---	---	---	---	---	---	---	---	---
MW-04	65.62	68.52	46.6 - 56.6	---	---	---	---	---	---	---	---	---	---
MW-05	88.21	90.42	49.2 - 59.2	60.1	60.8	58.42	60.79	61.76	61.76	60.82	60.88	60.65	61.62
MW-06	77.46	79.38	46.4 - 56.4	59.67	60.42	59.84	60.35	61.45	61.45	60.36	70.35	60.28	60.5
MW-07 (B)	75.66	78.34	34.3 - 44.3	51.92	53.59	52.34	54.11	55.35	55.35	---	54.59	54.04	52.96
MW-08	88.21	91.78	53.9 - 63.9	60.92	64.16	60.73	63.24	67.83	67.83	64.14	65.22	63.24	66.86
MW-09	102.44	104.03	49.7 - 59.7	59.68	60.47	59.85	60.36	61.54	61.54	60.4	60.36	60.36	60.55
MW-10 (B)	97.51	97.27	43 - 53	52.6	56.07	54.57	54.86	60.38	60.38	55.76	58.75	57.62	56.01
MW-11 (B)	91.48	93.8	43.1 - 53.1	54.73	57.19	54.77	56.54	60.89	60.89	56.05	58.84	57.81	55.72
MW-12	93.62	94.14	51.9 - 61.9	59.87	60.64	---	60.54	61.67	61.67	60.58	60.54	60.47	60.72
MW-13	98.8	98.7	77.7 - 87.7	80.1	78.65	79.62	83.48	80.04	80.04	80.6	79.8	79.44	78.68
MW-14	98.76	100.62	74.6 - 84.6	80.77	80.48	82.87	81.72	84.69	84.69	82.77	82.71	82.65	89.24
MW-15 (B)	96.1	98.9	32.7 - 42.7	53.52	59.03	54.4	57.78	61.53	61.53	55.87	59.87	59.26	54.35
MW-16 (B)	98.5	100.85	50.8 - 60.8	63.58	66.25	63.5	65.64	68.75	68.75	65.35	66.31	66.12	63.99
MW-17	66.9	69.24	53.7 - 63.7	58.02	59.24	57.58	58.91	60.79	60.79	58.91	58.77	59	58.46
MW-18	76.5	78.29	61.5 - 71.5	71.36	73.75	69.84	72.88	74.61	74.61	72.33	72.54	73.2	72.84
MW-19	69.5	71.27	46.5 - 56.5	DRY	DRY	DRY	DRY	---	DRY	DRY	DRY	---	DRY
MW-20	70.98	73.34	51.9 - 61.9	---	---	---	---	---	---	---	---	---	---
MW-21	69.9	71.87	59.5 - 64.5	62.58	63.39	61.82	62.54	63.92	63.92	62.62	62.24	62.63	63.12
MW-22	71.5	73.34	60.9 - 65.9	68.15	68.71	67.24	63.41	68.65	68.65	68.68	68.3	68.59	68.94
MW-23 (B)	89.8	91.72	17.3 - 22.3	33.25	35.68	33.63	36.49	39.32	39.32	35.43	37.72	36.62	34.82
MW-24*	---	---	-	---	---	---	---	---	---	---	---	---	---
PZ-01	81.8	83.95	49.8 - 59.8	59.7	60.45	59.87	60.4	61.48	61.48	60.38	60.37	60.35	60.53
PZ-02	80.6	83.06	42.8 - 52.8	59.48	60.18	59.65	60.23	61.28	61.28	60.22	60.19	60.09	60.36
RW-01**	78.4	80.28	29.4 - 39.4, 45.4 - 50.4	36.48	36.53	34.88	---	---	---	---	---	---	---
RW-02 (B)	91.58	95.18	-	42.97	49.85	44.13	---	---	---	---	---	---	---
SUMP	---	97.93	-	75.05	75.13	74.94	---	---	---	---	---	---	---

Notes:

--- Water level not monitored, (B)-Bedrock groundwater monitoring well,

* - Measurement relative to top of well casing. Elevations based on assumed datum. MW-01 through MW-16 installed during Remedial Investigation (Stearns & Wheeler). MW-03 was removed as part of the TCE Soils Interim Remedial Measure (IRM) completed in September 1994. System shutdown 02/15/96; System restored 02/20/96. System start-up 02/06/96; MW-13 casing elev. changed 06/06/96. MW-04 and MW-20 were abandoned and replaced by MW-21 and MW-22 on 01/20/97.

** - Groundwater elevations are representative of combined pumping head of both screened intervals.

Table 2
Former Accurate Die Casting Site
Fayetteville, New York
Groundwater Elevation Summary Table

Well ID	Ground Elevation (ft)	Well Casing Elevation (ft)	Screen Interval Elevation (ft)	Groundwater Elevation (ft) 5/8/2008	Groundwater Elevation (ft) 11/21/2008	Groundwater Elevation (ft) 4/22/2009	Groundwater Elevation (ft) 11/20/2009	Groundwater Elevation (ft) 4/30/2010	Groundwater Elevation (ft) 11/17/2010	Groundwater Elevation (ft) 5/12/2011	Groundwater Elevation (ft) 11/29/2011	Groundwater Elevation (ft) 5/22/2012	Groundwater Elevation (ft) 11/28/2012
MW-01	99.36	101.11	75.4 - 85.4	80.06	80.11	80.69	79.49	80.73	79.87	80.71	75.97	75.07	75.06
MW-02	91.8	94.68	76.6 - 86.6	---	---	83.26	83.24	83.13	83.6	NM	83.98	83.36	83.4
MW-03	97.65	99.63	73.7 - 83.7	---	---	---	---	---	---	---	---	---	---
MW-04	65.62	68.52	46.6 - 56.6	---	---	---	---	---	---	---	---	---	---
MW-05	88.21	90.42	49.2 - 59.2	60.72	60.24	60.86	60.32	60.7	60.62	62.32	60.66	60.54	60.02
MW-06	77.46	79.38	46.4 - 56.4	60.28	59.98	60.46	60.03	60.34	60.26	NM	60.26	60.16	59.78
MW-07 (B)	75.66	78.34	34.3 - 44.3	52.94	---	56.1	52.88	54.04	52.94	53.84	53.18	53.32	52.24
MW-08	88.21	91.78	53.9 - 63.9	66.82	66.88	66.5	61.93	65.94	64.7	NM	63	62.44	60.93
MW-09	102.44	104.03	49.7 - 59.7	60.33	60.53	60.49	60.03	60.37	60.27	61.9	60.25	60.19	59.76
MW-10 (B)	97.51	97.27	43 - 53	61.05	52.79	60.33	53.77	58.97	58.77	66.37	55.73	55.41	52.47
MW-11 (B)	91.48	93.8	43.1 - 53.1	60.32	52.42	59.4	52.98	57.95	57.84	64.85	54.56	54.2	51.58
MW-12	93.62	94.14	51.9 - 61.9	60.5	60.19	60.67	60.24	60.56	60.44	62.02	60.46	60.38	59.98
MW-13	98.8	98.7	77.7 - 87.7	78.23	DRY	78.02	78.02	Dry	Dry	Dry	Dry	Dry	Dry
MW-14	98.76	100.62	74.6 - 84.6	82.74	82.59	82.72	82.67	82.62	82.77	81.74	82.7	82.64	82.54
MW-15 (B)	96.1	98.9	32.7 - 42.7	61.89	52.85	61.74	54.7	60.4	60.1	62.56	57.88	57.6	52.1
MW-16 (B)	98.5	100.85	50.8 - 60.8	67.78	63.03	67.85	64.11	66.77	66.41	74.8	64.83	64.81	61.03
MW-17	66.9	69.24	53.7 - 63.7	58.96	57.9	59.36	58.38	58.96	58.89	60.26	58.96	58.92	54.44
MW-18	76.5	78.29	61.5 - 71.5	72.7	71.85	73.08	71.91	72.53	72.95	73.26	73.05	72.47	70.83
MW-19	69.5	71.27	46.5 - 56.5	DRY	DRY	DRY	47.11	Dry	47.13	DRY	DRY	DRY	DRY
MW-20	70.98	73.34	51.9 - 61.9	---	---	---	---	---	---	---	---	---	---
MW-21	69.9	71.87	59.5 - 64.5	62.65	62.65	62.63	62.43	62.31	63.31	62.36	62.85	62.12	60.57
MW-22	71.5	73.34	60.9 - 65.9	68.6	68.51	68.44	68.29	68.26	68.88	68.44	68.74	68.3	68.34
MW-23 (B)	89.8	91.72	17.3 - 22.3	34.76	34.82	39.14	35.06	38.38	38.08	42.22	36.96	37.4	34
MW-24*			-	---	---	---	---	---	---	---	---	---	Dry
PZ-01	81.8	83.95	49.8 - 59.8	60.32	59.99	60.49	60.03	60.37	60.27	61.85	60.27	60.2	59.79
PZ-02	80.6	83.06	42.8 - 52.8	60.12	59.81	60.3	59.86	60.18	60.1	61.61	60.11	60.02	59.62
RW-01**	78.4	80.28	29.4 - 39.4, 45.4 - 50.4	---	---	---	---	---	---	---	---	---	33.54
RW-02 (B)	91.58	95.18	-	---	---	---	---	---	---	---	---	---	43.33
SUMP		97.93	-	---	---	---	---	---	---	---	---	---	---

Notes:

--- Water level not monitored, (B)-Bedrock groundwater monitoring well,

* - Measurement relative to top of well casing. Elevations based on assumed datum. MW-01 through MW-16 installed during Remedial Investigation (Stearns & Wheler). MW-03 was removed as part of the TCE Soils Interim Remedial Measure (IRM) completed in September 1994. System shutdown 02/15/96; System restored 02/20/96. System start-up 02/06/96; MW-13 casing elev. changed 06/06/96. MW-04 and MW-20 were abandoned and replaced by MW-21 and MW-22 on 01/20/97.

** - Groundwater elevations are representative of combined pumping head of both screened intervals.

Table 2
Former Accurate Die Casting Site
Fayetteville, New York
Groundwater Elevation Summary Table

Well ID	Ground Elevation (ft)	Well Casing Elevation (ft)	Screen Interval Elevation (ft)	Groundwater Elevation (ft) 4/18/2013	Groundwater Elevation (ft) 10/1/2013	Groundwater Elevation (ft) 4/16/2014	Groundwater Elevation (ft) 9/18/2014	Groundwater Elevation (ft) 3/31/2015	Groundwater Elevation (ft) 9/16/2015	Groundwater Elevation (ft) 3/22/2016	Groundwater Elevation (ft) 10/4/2016	Groundwater Elevation (ft) 4/26/2017	Groundwater Elevation (ft) 10/25/2017
MW-01	99.36	101.11	75.4 - 85.4	78.43	75.06	77.29	75.07	80.26	75.07	76.29	Dry	77.51	Dry
MW-02	91.8	94.68	76.6 - 86.6	84.68	83.36	85.18	83.06	85.18	83.06	84.26	83.38	84.66	83.22
MW-03	97.65	99.63	73.7 - 83.7	---	---	---	---	---	---	---	---	---	---
MW-04	65.62	68.52	46.6 - 56.6	---	---	---	---	---	---	---	---	---	---
MW-05	88.21	90.42	49.2 - 59.2	61.08	60.38	61.74	60.24	60.22	60.06	60.86	59.7	61.87	59.92
MW-06	77.46	79.38	46.4 - 56.4	60.98	60.04	61.35	59.94	60.02	59.88	60.46	59.52	61.34	59.74
MW-07 (B)	75.66	78.34	34.3 - 44.3	54.12	53.14	54.82	52.29	53.28	52.24	54.3	52.22	55.1	52.19
MW-08	88.21	91.78	53.9 - 63.9	65.6	62.66	68.38	61.32	63.93	61.36	66.44	59.78	69.74	60.54
MW-09	102.44	104.03	49.7 - 59.7	60.71	60.05	61.43	59.97	60.01	59.88	60.47	59.49	61.41	59.73
MW-10 (B)	97.51	97.27	43 - 53	58.67	55.39	61.91	54.73	54.25	54.85	59.77	52.77	64.23	53.71
MW-11 (B)	91.48	93.8	43.1 - 53.1	57.48	54.10	60.5	53.54	53.15	53.55	58.44	51.66	62.6	52.5
MW-12	93.62	94.14	51.9 - 61.9	60.88	60.24	61.56	60.16	60.22	60.09	60.66	59.7	61.58	59.92
MW-13	98.8	98.7	77.7 - 87.7	Dry	78.00	79.94	79.3	78.74	78.3	78.04	78	DRY	DRY
MW-14	98.76	100.62	74.6 - 84.6	82.54	82.82	82.8	82.88	84.8	83.2	83.06	82.7	82.76	82.74
MW-15 (B)	96.1	98.9	32.7 - 42.7	60.12	57.65	63.3	56.34	55.06	56.68	61.32	52.54	66.2	53.92
MW-16 (B)	98.5	100.85	50.8 - 60.8	67.15	64.75	69.49	64.19	64.2	64.29	67.45	61.5	71.99	62.6
MW-17	66.9	69.24	53.7 - 63.7	59.88	58.24	60.36	58.08	58.7	58	59.64	Dry	59.94	57.66
MW-18	76.5	78.29	61.5 - 71.5	74.27	71.07	74.83	70.77	73.63	70.23	73.59	69.39	73.93	69.91
MW-19	69.5	71.27	46.5 - 56.5	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-20	70.98	73.34	51.9 - 61.9	---	---	---	---	---	---	---	---	---	---
MW-21	69.9	71.87	59.5 - 64.5	62.92	60.91	63.71	60.55	63.43	60.57	62.73	Dry	62.75	Dry
MW-22	71.5	73.34	60.9 - 65.9	68.3	66.39	68.04	66.8	68.18	66.92	68.14	65.58	68.99	68.38
MW-23 (B)	89.8	91.72	17.3 - 22.3	38.6	36.86	40.38	36.22	36.12	36.54	39.36	34.52	41.77	35.52
MW-24*			-	Dry	---	---	---	---	---	---	---	---	---
PZ-01	81.8	83.95	49.8 - 59.8	60.69	60.07	61.39	59.97	60.03	59.89	60.47	59.5	61.37	59.75
PZ-02	80.6	83.06	42.8 - 52.8	60.51	59.88	61.14	59.78	59.84	59.72	60.28	59.34	61.16	59.56
RW-01**	78.4	80.28	29.4 - 39.4, 45.4 - 50.4	34.88	34.38	34.88	34.88	33.93	34.14	33.53	35.32	35.48	34.96
RW-02 (B)	91.58	95.18	-	54.73	44.02	58.94	44.18	44.8	43.54	56.36	43.94	61.42	44.68
SUMP		97.93	-	---	---	---	---	---	---	---	---	---	---

Notes:

--- Water level not monitored, (B)-Bedrock groundwater monitoring well,

* - Measurement relative to top of well casing. Elevations based on assumed datum. MW-01 through MW-16 installed during Remedial Investigation (Stearns & Wheler). MW-03 was removed as part of the TCE Soils Interim Remedial Measure (IRM) completed in September 1994. System shutdown 02/15/96; System restored 02/20/96. System start-up 02/06/96; MW-13 casing elev. changed 06/06/96. MW-04 and MW-20 were abandoned and replaced by MW-21 and MW-22 on 01/20/97.

** - Groundwater elevations are representative of combined pumping head of both screened intervals.



Table 2
Former Accurate Die Casting Site
Fayetteville, New York
Groundwater Elevation Summary Table

Well ID	Ground Elevation (ft)	Well Casing Elevation (ft)	Screen Interval Elevation (ft)	Groundwater Elevation (ft) 4/24/2018	Groundwater Elevation (ft) 10/4/2018	Groundwater Elevation (ft) 4/11/2019 ¹	Groundwater Elevation (ft) 10/22/2019	Groundwater Elevation (ft) 4/15/2020	Groundwater Elevation (ft) 10/22/2020	Groundwater Elevation (ft) 4/20/2021	Groundwater Elevation (ft) 10/21/2021
MW-01	99.36	101.11	75.4 - 85.4	76.09	DRY	75.06	DRY	DRY	DRY	DRY	DRY
MW-02	91.8	94.68	76.6 - 86.6	83.94	84.32	83.72	84.6	83.7	83.94	83.63	85.36
MW-03	97.65	99.63	73.7 - 83.7	---	---	---	---	---	---	---	---
MW-04	65.62	68.52	46.6 - 56.6	---	---	---	---	---	---	---	---
MW-05	88.21	90.42	49.2 - 59.2	61.1	60.1	60.68	60.44	60.66	59.92	60.37	61.1
MW-06	77.46	79.38	46.4 - 56.4	60.62	59.86	60.36	60.12	60.34	59.78	60.16	60.82
MW-07 (B)	75.66	78.34	34.3 - 44.3	54.54	52.7	54.34	52.34	53.32	52.74	53.22	53.48
MW-08	88.21	91.78	53.9 - 63.9	67.92	62.12	64.76	61.88	64.7	60.88	62.16	62.73
MW-09	102.44	104.03	49.7 - 59.7	60.65	59.85	60.39	60.11	60.33	59.77	60.17	60.88
MW-10 (B)	97.51	97.27	43 - 53	61.75	54.41	58.57	55.35	58.35	54.01	55.29	57.19
MW-11 (B)	91.48	93.8	43.1 - 53.1	60.25	53.1	57.28	54.04	56.96	52.72	53.92	54.74
MW-12	93.62	94.14	51.9 - 61.9	60.82	60.04	60.56	60.3	60.52	59.98	60.34	61.04
MW-13	98.8	98.7	77.7 - 87.7	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-14	98.76	100.62	74.6 - 84.6	82.56	82.78	83.18	82.7	82.38	82.62	82.18	82.57
MW-15 (B)	96.1	98.9	32.7 - 42.7	63.6	54.78	60.68	56.48	60.5	54.55	56.74	58.92
MW-16 (B)	98.5	100.85	50.8 - 60.8	69.13	63.59	66.57	64.21	66.29	63.25	64.77	66.3
MW-17	66.9	69.24	53.7 - 63.7	59.34	57.78	58.96	57.84	58.92	57.64	58.84	58.79
MW-18	76.5	78.29	61.5 - 71.5	73.49	70.69	73.21	71.31	73.09	69.97	72.83	73.05
MW-19	69.5	71.27	46.5 - 56.5	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-20	70.98	73.34	51.9 - 61.9	---	---	---	---	---	---	---	---
MW-21	69.9	71.87	59.5 - 64.5	62.51	DRY	62.57	DRY	68.63	DRY	62.05	62.83
MW-22	71.5	73.34	60.9 - 65.9	69.28	68.98	69.74	69.34	69.69	68.74	70.08	69.88
MW-23 (B)	89.8	91.72	17.3 - 22.3	40.48	35.78	39.32	35.6	39.42	36.02	37.22	37.78
MW-24*			-	---	---	---	---	---	DRY	---	DRY
PZ-01	81.8	83.95	49.8 - 59.8	60.65	59.87	60.39	60.13	60.35	59.77	60.17	60.85
PZ-02	80.6	83.06	42.8 - 52.8	60.38	59.68	60.18	59.92	60.14	59.6	59.98	60.64
RW-01**	78.4	80.28	29.4 - 39.4, 45.4 - 50.4	34.34	34.18	33.08	34.73	35.28	34.38	34.96	34.12
RW-02 (B)	91.58	95.18	-	58.58	44.88	52.93	45.43	51.46	45.14	45.76	46.53
SUMP		97.93	-								

Notes:

--- Water level not monitored, (B)-Bedrock groundwater monitoring well.

* - Measurement relative to top of well casing. Elevations based on assumed datum. MW-01 through MW-16 installed during Remedial Investigation (Stearns & Wheeler). MW-03 was removed as part of the TCE Soils Interim Remedial Measure (IRM) completed in September 1994. System shutdown 02/15/96; System restored 02/20/96. System start-up 02/06/96; MW-13 casing elev. changed 06/06/96. MW-04 and MW-20 were abandoned and replaced by MW-21 and MW-22 on 01/20/97.

** - Groundwater elevations are representative of combined pumping head of both screened intervals.

¹ Elevations represent water levels measured at the time of PDB installation



Table 3
Former Accurate Die Casting Site
Fayetteville, New York
Groundwater Trichloroethene Concentrations

Sample Date	August-89	December-89	May-90	May-92	July-94	October-94	February-95	April-95	July-95
	Trichloroethene ug/L	Trichloroethene ug/L	Trichloroethene ug/L	Trichloroethene ug/L	Trichloroethene ug/L	Trichloroethene ug/L	Trichloroethene ug/L	Trichloroethene ug/L	Trichloroethene ug/L
Location ID									
MW-01	112	ND	2	ND	---	---	---	---	---
MW-02	ND	ND	1	ND	---	ND	ND	ND	ND
MW-03	ND	ND	440000	340000	ND	NI	NI	NI	NI
MW-04	---	7	43	6	270	23	13	16	---
MW-05	---	340	344	110	330	410	290	280	---
MW-06	---	700	454	510	390	360	330	280	270
MW-07	---	ND	ND	ND	ND	ND	ND	ND	ND
MW-08	---	ND	ND	ND	---	ND	ND	ND	ND
MW-09	---	109	106	60	72	74	74	84	75
MW-10	---	---	---	4500	1600	1300	1400	1200	900
MW-11	---	---	---	5200	5500	5300	4300	3900	4000
MW-12	---	---	---	36	44	35	33	30	25
MW-13	---	---	---	110	740	510	---	---	---
MW-14	---	---	---	67	150	120	79	95	140
MW-15	NI	NI	NI	NI	NI	14	11	10	17
MW-16	NI	NI	NI	NI	NI	6	17	7	18
MW-17	NI	NI	NI	NI	260	140	200	130	160
MW-18	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-20	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-21	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-22	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-23	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-24	NI	NI	NI	NI	NI	NI	NI	NI	NI
PZ-01	NI	NI	NI	NI	NI	---	---	---	120
PZ-02	NI	NI	NI	NI	NI	---	---	490	400

Notes:

ND - Not detected, U - Not detected above known MDL, --- - Not analyzed, NI - Not installed at time of monitoring
 MW-01 through MW-16 installed during Remedial Investigation (Stearns & Wheeler), F1 - MS/MSD recovery outside limits
 MW-03 removed as part of TCE Soils Interim Remedial Measure (IRM) completed in September 1994. Data was collected by Stearns & Wheeler prior to 07/22/94.
 MW-04 and MW-20 were abandoned and replaced by MW-21 and MW-22 on 01/20/97.
 Data provided only for wells presently included in either the annual or semi-annual monitoring list of wells.



Table 3
Former Accurate Die Casting Site
Fayetteville, New York
Groundwater Trichloroethene Concentrations

Sample Date	October-95	January-96	April-96	May-96	July-96	October-96	January-97	April-97	July-97
	Trichloroethene ug/L	Trichloroethene ug/L	Trichloroethene ug/L	Trichloroethene ug/L	Trichloroethene ug/L	Trichloroethene ug/L	Trichloroethene ug/L	Trichloroethene ug/L	Trichloroethene ug/L
Location ID									
MW-01	---	---	---	---	---	---	---	---	---
MW-02	ND	---	---	---	---	1 U	---	---	---
MW-03	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-04	15	---	---	---	---	62	NI	NI	NI
MW-05	---	---	---	---	---	180	---	---	---
MW-06	180	170	110	---	98	71	75	52	---
MW-07	ND	---	---	---	---	1 U	---	---	---
MW-08	ND	---	---	---	---	1 U	---	---	---
MW-09	68	100	64	---	65	50	95	83	66
MW-10	890	900	820	---	960	1700	1900	1200	---
MW-11	2600	2500	1500	---	1400	1600	1500	800	---
MW-12	29	---	---	---	---	17	---	---	---
MW-13	---	---	---	---	---	370	---	---	---
MW-14	78	84	250	---	230	170	390	400	260
MW-15	7	---	---	---	---	20	---	---	---
MW-16	20	---	---	---	---	11	---	---	---
MW-17	---	180	350	---	460	300	450	220	150
MW-18	NI	NI	NI	1200	---	2900	850	410	1800
MW-20	NI	NI	NI	70	---	---	NI	NI	NI
MW-21	NI	NI	NI	NI	NI	NI	270	520	310
MW-22	NI	NI	NI	NI	NI	NI	2	1	3
MW-23	NI	NI	NI	NI	NI	NI	NI	1 U	1 U
MW-24	NI	NI	NI	NI	NI	NI	NI	NI	NI
PZ-01	---	---	---	---	---	32	---	---	---
PZ-02	---	---	---	---	---	540	---	---	---

Notes:

ND - Not detected, U - Not detected above known MDL, --- - Not analyzed, NI - Not installed at time of monitoring
 MW-01 through MW-16 installed during Remedial Investigation (Stearns & Wheeler), F1 - MS/MSD recovery outside limits
 MW-03 removed as part of TCE Soils Interim Remedial Measure (IRM) completed in September 1994. Data was collected by Stearns & Wheeler prior to 07/22/94.
 MW-04 and MW-20 were abandoned and replaced by MW-21 and MW-22 on 01/20/97.
 Data provided only for wells presently included in either the annual or semi-annual monitoring list of wells.



Table 3
Former Accurate Die Casting Site
Fayetteville, New York
Groundwater Trichloroethene Concentrations

Sample Date	October-97	January-98	April-98	October-98	November-98	April-99	October-99	April-00	November-00
	Trichloroethene ug/L	Trichloroethene ug/L	Trichloroethene ug/L	Trichloroethene ug/L	Trichloroethene ug/L	Trichloroethene ug/L	Trichloroethene ug/L	Trichloroethene ug/L	Trichloroethene ug/L
Location ID									
MW-01	---	---	---	---	---	---	---	---	---
MW-02	1 U	---	---	1 U	---	---	1 U	---	1 U
MW-03	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-04	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-05	220	---	---	200	---	---	78	---	110
MW-06	58	---	140	92	---	63	72	30	48
MW-07	1 U	---	---	1 U	---	---	1 U	---	---
MW-08	---	---	---	1 U	---	---	1 U	---	1 U
MW-09	61	140	120	80	---	120	46	69	60
MW-10	1300	---	930	880	---	720	700	530	690
MW-11	1600	---	920	1100	---	740	900	670	840
MW-12	19	---	---	22	---	---	15	---	17
MW-13	760	---	---	480	---	---	430	---	790
MW-14	560	560	460	400	---	460	260	250	280
MW-15	18	---	---	21	---	---	13	---	7
MW-16	14	---	---	4	---	---	15	---	3
MW-17	---	270	800	250	---	280	180	160	220
MW-18	3100	1000	1100	3600	---	620	1800	360	1900
MW-20	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-21	450	120	1300	180	---	510	90	42	73
MW-22	8	5	10	14	---	10	9	13	12
MW-23	1 U	1 U	---	1 U	---	---	1 U	---	1 U
MW-24	NI	NI	NI	NI	6000	4300	4300	690	2400
PZ-01	48	---	---	85	---	---	410	---	29
PZ-02	420	---	---	250	---	---	18	---	160

Notes:

ND - Not detected, U - Not detected above known MDL, --- - Not analyzed, NI - Not installed at time of monitoring
 MW-01 through MW-16 installed during Remedial Investigation (Stearns & Wheeler), F1 - MS/MSD recovery outside limits
 MW-03 removed as part of TCE Soils Interim Remedial Measure (IRM) completed in September 1994. Data was collected by Stearns & Wheeler prior to 07/22/94.
 MW-04 and MW-20 were abandoned and replaced by MW-21 and MW-22 on 01/20/97.
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Table 3
Former Accurate Die Casting Site
Fayetteville, New York
Groundwater Trichloroethene Concentrations

Sample Date	July-01	November-01	April-02	June-02	October-02	May-03	December-03	July-04	December-04
	Trichloroethene ug/L	Trichloroethene ug/L	Trichloroethene ug/L	Trichloroethene ug/L	Trichloroethene ug/L	Trichloroethene ug/L	Trichloroethene ug/L	Trichloroethene ug/L	Trichloroethene ug/L
Location ID									
MW-01	---	1 U	---	---	---	---	---	---	---
MW-02	---	1 U	---	---	---	---	---	---	---
MW-03	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-04	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-05	---	120	---	---	100	---	110	---	98
MW-06	89	92	---	---	92	---	110	---	---
MW-07	---	1 U	---	---	---	---	---	---	---
MW-08	---	1 U	---	---	---	---	---	---	---
MW-09	70	77	---	---	67	---	110	---	---
MW-10	600	900	740	---	700	530	570	470	---
MW-11	680	1000	870	---	760	940	620	490	---
MW-12	---	19	---	---	18	---	20	---	21
MW-13	---	520	---	360	370	---	---	---	---
MW-14	270	240	---	---	200	310	190	---	200
MW-15	---	27	---	---	21	---	26	---	2.1
MW-16	---	3	---	---	1	---	3	---	2.1
MW-17	240	230	---	---	290	---	310	---	140
MW-18	970	2000	350	---	2500	2100	2300	1600	---
MW-20	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-21	35	38	---	---	---	---	12	---	4.9
MW-22	13	13	---	---	4	---	18	---	18
MW-23	---	1 U	---	---	---	---	---	---	---
MW-24	600	1500	---	470	---	390	190	170	96
PZ-01	---	79	---	---	79	---	92	---	120
PZ-02	---	260	---	---	160	---	150	---	130

Notes:

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 MW-04 and MW-20 were abandoned and replaced by MW-21 and MW-22 on 01/20/97.
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Table 3
Former Accurate Die Casting Site
Fayetteville, New York
Groundwater Trichloroethene Concentrations

Sample Date	April-05 Trichloroethene UG/L	November-05 Trichloroethene ug/l	April-06 Trichloroethene ug/l	January-07 Trichloroethene ug/l	February-07 Trichloroethene ug/l	May-07 Trichloroethene ug/l	November-07 Trichloroethene ug/l	May-08 Trichloroethene ug/l	November-08 Trichloroethene ug/l
Location ID									
MW-01	---	---	---	---	---	---	---	---	---
MW-02	---	---	---	---	---	---	---	---	---
MW-03	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-04	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-05	---	75.0	---	75.2	---	---	88	---	84.6
MW-06	---	---	---	142	---	---	120	---	84.1
MW-07	---	---	---	---	---	---	---	---	---
MW-08	---	---	---	---	---	---	---	---	---
MW-09	---	83.3	---	86.9	---	---	88	---	77.2
MW-10	450	---	486	---	448	448	440	476	126
MW-11	390	---	469	---	407	390	380	293	746
MW-12	---	19.6	---	23	---	24	38	---	24.3
MW-13	200	---	265	---	265	282	310	251	---
MW-14	---	127	---	270	---	---	380	---	484
MW-15	---	0.50 U	---	0.54	---	---	0.82	---	0.5 U
MW-16	---	2.25	---	1.82	---	---	2.1	---	3.21
MW-17	---	---	---	132	---	---	240	---	210
MW-18	1300	---	1490	---	763	1590	1800	1160	1840
MW-20	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-21	---	10.6	---	6.17	---	---	7.2	---	12.2
MW-22	---	15.8	---	13.5	---	---	27	---	28.9
MW-23	---	---	---	---	---	---	---	---	---
MW-24	64	124	70.6	100	---	197	210	159	452
PZ-01	---	103	---	132	---	---	100	---	48.4
PZ-02	---	118	---	125	---	---	110	---	116

Notes:

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Table 3
Former Accurate Die Casting Site
Fayetteville, New York
Groundwater Trichloroethene Concentrations

Sample Date	April-09	November-09	April-10	November-10	May-11	November-11	May-12	November-12	April-13
	Trichloroethene ug/l	Trichloroethene ug/l	Trichloroethene ug/l	Trichloroethene ug/l	Trichloroethene ug/l	Trichloroethene ug/l	Trichloroethene ug/l	Trichloroethene ug/l	Trichloroethene ug/l
Location ID									
MW-01	---	---	---	---	---	---	---	---	---
MW-02	---	---	---	---	---	---	---	---	---
MW-03	NI	NI	NI	NI	NI	NI	---	NI	---
MW-04	NI	NI	NI	NI	NI	NI	---	NI	---
MW-05	---	77.8	---	82	---	73.1	---	64.8	---
MW-06	---	75.8	---	83.8	---	52.6	---	87.2	---
MW-07	---	---	---	---	---	---	---	---	---
MW-08	---	---	---	---	---	---	---	---	---
MW-09	---	71.2	---	62	---	52.6	---	87.6	---
MW-10	329	285	369	395	416	169	135	60.7	320
MW-11	260	452	379	406	255	926	891	1080	638
MW-12	---	16.5	---	19.5	---	21.9	---	17.6	---
MW-13	---	---	208	262	---	278	234	307	196
MW-14	---	426	---	438	---	17.8	---	355	---
MW-15	---	0.65	---	22.9	---	0.5 U	---	0.5 U	---
MW-16	---	1.96	---	1.69	---	1.53	---	2.21	---
MW-17	---	190	---	79.6	---	496	---	118	---
MW-18	1160	1290	609	1300	1460	1190	1020	1820	942
MW-20	NI	NI	NI	NI	NI	NI	---	NI	---
MW-21	---	12.3	---	6.1	---	6.76	---	27.4	---
MW-22	---	19	---	19.4	---	23.6	---	19.1	---
MW-23	---	---	---	---	---	---	---	---	---
MW-24	118	---	193	331	62.1	246	162	1010	210
PZ-01	---	50.9	---	95	---	94.2	---	50.8	---
PZ-02	---	101	---	100	---	96.6	---	111	---

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Table 3
Former Accurate Die Casting Site
Fayetteville, New York
Groundwater Trichloroethene Concentrations

Sample Date	October-13	Apr-14	Sep-14	Mar-15	Sep-15	March-16	Oct-16	Apr-17	Oct-17	Apr-18
	Trichloroethene ug/l	Trichloroethene ug/l	Trichloroethene ug/l	Trichloroethene ug/l	Trichloroethene ug/l	Trichloroethene ug/l	Trichloroethene ug/l	Trichloroethene ug/l	Trichloroethene ug/l	Trichloroethene ug/l
Location ID										
MW-01	---	---	---	---	---	---	---	---	---	---
MW-02	---	---	---	---	---	---	---	---	---	---
MW-03	---	---	---	---	---	---	---	---	---	---
MW-04	---	---	---	---	---	---	---	---	---	---
MW-05	73	---	53	---	55	---	40	---	44	---
MW-06	64	---	82	---	79	---	57	---	64	---
MW-07	---	---	---	---	---	---	---	---	---	---
MW-08	---	---	---	---	---	---	---	---	---	---
MW-09	52	---	45	---	46	---	33	---	26	---
MW-10	84	310	56	96	100	270	100	260	63	250
MW-11	760	470	640	690	680	560	540 F1	610	180	390
MW-12	16	---	21	---	16	---	13	---	13	---
MW-13	290	190	260	210	260	220	240	220	190	220
MW-14	1600	210	300	---	200	---	280	---	250	---
MW-15	0.69 J	---	1U	---	0.82 J	---	1U	---	1U	---
MW-16	1.5	---	1.5	---	1.5	---	1.6	---	1.6	---
MW-17	330	---	260	---	190	---	190	---	200	---
MW-18	1700	650	1500	960	1500 F1	1200	1300	610	1000	1300 F1
MW-20	---	---	---	---	---	---	---	---	---	---
MW-21	15	---	15	---	18	---	19	---	15	---
MW-22	1.5	---	11	---	9.5	---	8.4	---	9.6	---
MW-23	---	---	---	---	---	---	---	---	---	---
MW-24	530	220	400	230	380	320	420	220	300	150 F1
PZ-01	90	---	77	---	63	---	41	---	46	---
PZ-02	97	---	89	---	83	---	71	---	64	---

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Table 3
Former Accurate Die Casting Site
Fayetteville, New York
Groundwater Trichloroethene Concentrations

Sample Date	Oct-18	May-19	Oct-19	Apr-20	Oct-20	Apr-21	Oct-21
	Trichloroethene ug/l	Trichloroethene ug/l	Trichloroethene ug/l	Trichloroethene ug/l	Trichloroethene ug/l	Trichloroethene ug/l	Trichloroethene ug/l
Location ID							
MW-01	---	---	---	---	---	---	---
MW-02	---	---	---	---	---	---	---
MW-03	---	---	---	---	---	---	---
MW-04	---	---	---	---	---	---	---
MW-05	57	---	47	---	56	---	49
MW-06	72	---	66	---	40	---	55
MW-07	---	---	---	---	---	---	---
MW-08	---	---	---	---	---	---	---
MW-09	40	---	34	---	28	---	37
MW-10	77	140	71	120	99	110	64
MW-11	300	310	510	440	670	680	440
MW-12	17	---	15	---	13	---	13
MW-13	250	---	260	220	220	180	230
MW-14	270	---	220	---	160	---	150
MW-15	1 U	---	1 U	---	3.5	---	1.5
MW-16	1.6	---	1 U	---	1.3	---	1.4
MW-17	210	---	180	---	150	---	100
MW-18	1500 F1	960	1400	1100 F1	1200 F1	940	1400 F1
MW-20	---	---	---	---	---	---	---
MW-21	17	---	15	---	13	---	6.4
MW-22	14	---	5.7	---	9.7	---	5.5
MW-23	---	---	---	---	---	---	---
MW-24	370	140	290	160	310	200	330
PZ-01	48	---	47	---	44	---	51
PZ-02	75	---	69	---	67	---	68

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Table 4
Former Accurate Die Casting Site
Fayetteville, New York
Other Detected Volatile Organic Compounds

Location ID	Chemical Name	cis-1,2-Dichloroethene		Tetrachloroethene		Toluene		trans-1,2-Dichloroethene	
		ug/l		ug/l		ug/l		ug/l	
MW-01	11/8/2001	1 U		1 U		1 U		1 U	
MW-02	10/22/1996	1 U		1 U		1 U		1 U	
MW-02	10/22/1997	1 U		1 U		1 U		1 U	
MW-02	10/21/1998	1 U		1 U		1 U		1 U	
MW-02	10/19/1999	1 U		1 U		1 U		1 U	
MW-02	11/9/2000	1 U		1 U		1 U		1 U	
MW-02	11/10/2001	1 U		1 U		1 U		1 U	
MW-04	10/22/1996	12		1 U		1 U		1 U	
MW-05	10/21/1996	10 U		10 U		10 U		10 U	
MW-05	10/22/1997	10 U		10 U		10 U		10 U	
MW-05	10/20/1998	10 U		10 U		10 U		10 U	
MW-05	10/19/1999	10 U		10 U		10 U		10 U	
MW-05	11/8/2000	5 U		5 U		5 U		5 U	
MW-05	11/9/2001	5 U		5 U		5 U		5 U	
MW-05	10/10/2002	5 U		5 U		5 U		5 U	
MW-05	12/8/2003	5 U		5 U		5 U		5 U	
MW-05	12/28/2004	2.5 U		2.7		2.5 U		2.5 U	
MW-05	11/9/2005	2.50 U		2.50 U		2.50 U		2.50 U	
MW-05	1/2/2007	2.5 U		2.5 U		2.5 U		2.5 U	
MW-05	11/29/2007	0.5 U		2.5		0.5 U		0.5 U	
MW-05	11/1/2008	1.52		1.95		0.5 U		0.5 U	
MW-05	11/20/2009	1.15		2.25		0.5 U		0.5 U	
MW-05	11/17/2010	2.5 U		2.5 U		2.5 U		2.5 U	
MW-05	11/29/2011	2.5 U		2.5 U		2.5 U		2.5 U	
MW-05	11/28/2012	2.5 U		2.5		2.5 U		2.5 U	
MW-05	10/1/2013	1.3		2.5		1 U		1 U	
MW-05	9/18/2014	1 U		1.9		1 U		1 U	
MW-05	9/16/2015	1 U		1.9		1 U		1 U	
MW-05	10/6/2016	1 U		2		1 U		1 U	
MW-05	10/25/2017	0.88 J		1.8 F2		1 U		1 U	
MW-05	10/4/2018	1.2		2.1		1 U		1 U	
MW-05	10/22/2019	1 U		1.8		1 U		1 U	
MW-05	10/22/2020	0.92 J		1.9		1 U		1 U	
MW-05	10/21/2021	1 U		1.7		1 U		1 U	
MW-06	1/17/1996	---		5 U		5 U		---	
MW-06	4/10/1996	---		5 U		5 U		---	
MW-06	7/16/1996	5 U		5 U		5 U		5 U	
MW-06	10/22/1996	2 U		2 U		2 U		2 U	
MW-06	1/16/1997	1 U		1 U		1 U		1 U	
MW-06	4/15/1997	1 U		1 U		1 U		1 U	
MW-06	10/23/1997	1 U		1 U		1 U		1 U	
MW-06	4/15/1998	5 U		5 U		5 U		5 U	
MW-06	10/20/1998	2 U		2 U		2 U		2 U	
MW-06	4/29/1999	2 U		2 U		2 U		2 U	
MW-06	10/19/1999	2 U		2 U		2 U		2 U	
MW-06	4/6/2000	1 U		1 U		1 U		1 U	
MW-06	11/8/2000	1 U		1 U		1 U		1 U	
MW-06	7/3/2001	2 U		2 U		2 U		2 U	
MW-06	11/9/2001	2 U		2 U		2 U		2 U	
MW-06	10/10/2002	2 U		2 U		2 U		2 U	
MW-06	12/8/2003	5 U		5 U		5 U		5 U	
MW-06	1/2/2007	2.5 U		2.5 U		2.5 U		2.5 U	
MW-06	11/29/2007	0.65		0.5 U		0.5 U		0.5 U	
MW-06	11/1/2008	0.5 U		0.5 U		0.5 U		0.5 U	
MW-06	11/20/2009	0.5 U		0.5 U		0.5 U		0.5 U	
MW-06	11/23/2010	1 U		1 U		1 U		1 U	
MW-06	11/29/2011	2.5 U		2.5 U		2.5 U		2.5 U	
MW-06	11/28/2012	1.25 U		1.25 U		1.25 U		1.25 U	
MW-06	10/1/2013	1 U		1 U		1 U		1 U	
MW-06	9/18/2014	1 U		1 U		1 U		1 U	
MW-06	9/16/2015	1 U		1 U		1 U		1 U	
MW-06	10/6/2016	1 U		1 U		1 U		1 U	
MW-06	10/25/2017	1 U		0.21 J		1 U		1 U	
MW-06	10/4/2018	1 U		1 U		1 U		1 U	
MW-06	10/22/2019	1 U		1 U		1 U		1 U	
MW-06	10/22/2020	1 U		1 U		1 U		1 U	
MW-06	10/21/2021	1 U		1 U		1 U		1 U	
MW-07	10/21/1996	1 U		1 U		1 U		1 U	
MW-07	10/22/1997	1 U		1 U		1 U		1 U	
MW-07	10/20/1998	1 U		1 U		1 U		1 U	
MW-07	10/19/1999	1 U		1 U		1 U		1 U	
MW-07	11/9/2001	1 U		1 U		1 U		1 U	
MW-08	10/22/1996	1 U		1 U		1 U		1 U	
MW-08	10/21/1998	1 U		1 U		1 U		1 U	
MW-08	10/19/1999	1 U		1 U		1 U		1 U	
MW-08	11/7/2000	1 U		1 U		1 U		1 U	
MW-08	11/8/2001	1 U		1 U		1 U		1 U	
MW-09	1/17/1996	---		5 U		5 U		---	



Table 4
Former Accurate Die Casting Site
Fayetteville, New York
Other Detected Volatile Organic Compounds

Location ID	Chemical Name	cis-1,2-Dichloroethene ug/l	Tetrachloroethene ug/l	Toluene ug/l	trans-1,2-Dichloroethene ug/l
MW-09	4/10/1996	---	1 U	1 U	---
MW-09	7/16/1996	1 U	1 U	1 U	1 U
MW-09	10/21/1996	1 U	1 U	1 U	1 U
MW-09	1/16/1997	5 U	5 U	5 U	5 U
MW-09	4/15/1997	2 U	2 U	2 U	2 U
MW-09	7/8/1997	5 U	5 U	5 U	5 U
MW-09	10/22/1997	5 U	5 U	5 U	5 U
MW-09	1/29/1998	5 U	5 U	5 U	5 U
MW-09	4/15/1998	5 U	5 U	5 U	5 U
MW-09	10/20/1998	2 U	2 U	2 U	2 U
MW-09	4/29/1999	2 U	2 U	2 U	2 U
MW-09	10/19/1999	5 U	5 U	5 U	5 U
MW-09	4/6/2000	2 U	2 U	2 U	2 U
MW-09	11/8/2000	2 U	2 U	2 U	2 U
MW-09	7/3/2001	2 U	2 U	2 U	2 U
MW-09	11/10/2001	2 U	2 U	2 U	2 U
MW-09	10/11/2002	2 U	2 U	2 U	2 U
MW-09	12/8/2003	2 U	2 U	2 U	2 U
MW-09	11/9/2005	2.50 U	2.50 U	2.50 U	2.50 U
MW-09	1/2/2007	2.5 U	2.5 U	2.5 U	2.5 U
MW-09	11/29/2007	0.5 U	0.5 U	0.5 U	0.5 U
MW-09	11/1/2008	0.5 U	0.5 U	0.5 U	0.5 U
MW-09	11/20/2009	2.5 U	2.5 U	2.5 U	2.5 U
MW-09	11/17/2010	2.5 U	2.5 U	2.5 U	2.5 U
MW-09	11/29/2011	2.5 U	2.5 U	2.5 U	2.5 U
MW-09	11/28/2012	1.25 U	1.25 U	1.25 U	1.25 U
MW-09	10/1/2013	1 U	1 U	1 U	1 U
MW-09	9/18/2014	1 U	1 U	1 U	1 U
MW-09	9/16/2015	1 U	1 U	1 U	1 U
MW-09	10/6/2016	1 U	1 U	1 U	1 U
MW-09	10/25/2017	1 U	1 U	1 U	1 U
MW-09	10/4/2018	1 U	1 U	1 U	1 U
MW-09	10/22/2019	1 U	1 U	1 U	1 U
MW-09	10/22/2020	1 U	1 U	1 U	1 U
MW-09	10/21/2021	1 U	1 U	1 U	1 U
MW-10	1/17/1996	---	20 U	20 U	---
MW-10	4/10/1996	---	50 U	50 U	---
MW-10	7/16/1996	50 U	50 U	50 U	50 U
MW-10	10/22/1996	50 U	50 U	50 U	50 U
MW-10	1/16/1997	100 U	100 U	100 U	100 U
MW-10	4/16/1997	100 U	100 U	100 U	100 U
MW-10	10/23/1997	50 U	50 U	50 U	50 U
MW-10	4/15/1998	50 U	50 U	50 U	50 U
MW-10	10/21/1998	50 U	50 U	50 U	50 U
MW-10	4/29/1999	25 U	25 U	25 U	25 U
MW-10	10/20/1999	25 U	25 U	25 U	25 U
MW-10	4/6/2000	20 U	20 U	20 U	20 U
MW-10	11/8/2000	20 U	20 U	20 U	20 U
MW-10	7/3/2001	20 U	20 U	20 U	20 U
MW-10	11/10/2001	20 U	20 U	20 U	20 U
MW-10	4/3/2002	20 U	20 U	20 U	20 U
MW-10	10/10/2002	20 U	20 U	20 U	20 U
MW-10	5/1/2003	20 U	20 U	20 U	20 U
MW-10	12/8/2003	20 U	20 U	20 U	20 U
MW-10	7/19/2004	10 U	10 U	10 U	10 U
MW-10	4/8/2005	0.50 U	0.50 U	0.50 U	0.50 U
MW-10	4/21/2006	10 U	10 U	10 U	10 U
MW-10	2/7/2007	10 U	10 U	10 U	10 U
MW-10	5/31/2007	10 U	10 U	10 U	10 U
MW-10	11/29/2007	0.5 U	0.5 U	0.5 U	0.5 U
MW-10	5/1/2008	0.5 U	0.5 U	0.5 U	0.5 U
MW-10	11/1/2008	5 U	5 U	5 U	5 U
MW-10	4/22/2009	10 U	10 U	10 U	10 U
MW-10	11/20/2009	10 U	10 U	10 U	10 U
MW-10	4/30/2010	10 U	10 U	10 U	10 U
MW-10	11/17/2010	10 U	10 U	10 U	10 U
MW-10	5/12/2011	10 U	10 U	10 U	10 U
MW-10	11/29/2011	10 U	10 U	10 U	10 U
MW-10	5/22/2012	5 U	5 U	5 U	5 U
MW-10	11/28/2012	1 U	1 U	1 U	1 U
MW-10	4/18/2013	25 U	25 U	25 U	25 U
MW-10	10/1/2013	1 U	1 U	1 U	1 U
MW-10	4/16/2014	1 U	1 U	1 U	1 U
MW-10	9/18/2014	1 U	1 U	1 U	1 U
MW-10	3/31/2015	1 U	1 U	1 U	1 U
MW-10	9/16/2015	1 U	1 U	1 U	1 U
MW-10	3/22/2016	2 U	2 U*	2 U	2 U
MW-10	10/6/2016	5 U	5 U	5 U	5 U
MW-10	4/26/2017	1 U	1 U	1 U	1 U
MW-10	10/25/2017	1 U	1 U	1 U	1 U



Table 4
Former Accurate Die Casting Site
Fayetteville, New York
Other Detected Volatile Organic Compounds

Location ID	Chemical Name	cis-1,2-Dichloroethene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene
	Sample Date	ug/l	ug/l	ug/l	ug/l
MW-10	4/24/2018	1 U	1 U	1 U	1 U
MW-10	10/4/2018	2 U	2 U	2 U	2 U
MW-10	5/1/2019	2 U	2 U	2 U	2 U
MW-10	10/22/2019	2 U	2 U	2 U	2 U
MW-10	4/15/2020	2 U	2 U	2 U	2 U
MW-10	10/22/2020	2 U	2 U	2 U	2 U
MW-10	4/20/2021	2 U	2 U	2 U	2 U
MW-10	10/21/2021	2 U	2 U	2 U	2 U
MW-11	1/17/1996	---	100 U	100 U	---
MW-11	4/10/1996	---	100 U	100 U	---
MW-11	7/16/1996	100 U	100 U	100 U	100 U
MW-11	10/22/1996	100 U	100 U	100 U	100 U
MW-11	1/16/1997	100 U	100 U	100 U	100 U
MW-11	4/15/1997	50 U	50 U	50 U	50 U
MW-11	10/23/1997	50 U	50 U	50 U	50 U
MW-11	4/15/1998	50 U	50 U	50 U	50 U
MW-11	10/21/1998	50 U	50 U	50 U	50 U
MW-11	4/29/1999	50 U	50 U	50 U	50 U
MW-11	10/19/1999	25 U	25 U	25 U	25 U
MW-11	4/6/2000	20 U	20 U	20 U	20 U
MW-11	11/9/2000	20 U	20 U	20 U	20 U
MW-11	7/3/2001	20 U	20 U	20 U	20 U
MW-11	11/9/2001	20 U	20 U	20 U	20 U
MW-11	4/3/2002	20 U	20 U	20 U	20 U
MW-11	10/10/2002	20 U	20 U	20 U	20 U
MW-11	5/1/2003	20 U	20 U	20 U	20 U
MW-11	12/8/2003	50 U	50 U	50 U	50 U
MW-11	7/19/2004	10 U	10 U	10 U	10 U
MW-11	4/8/2005	1.1	0.50 J	0.50 U	0.50 U
MW-11	4/21/2006	10 U	10 U	10 U	10 U
MW-11	2/7/2007	5 U	5 U	5 U	5 U
MW-11	5/31/2007	5 U	5 U	5 U	5 U
MW-11	11/29/2007	1.2	0.5 U	0.5 U	0.5 U
MW-11	5/1/2008	0.65	0.5 U	0.5 U	0.5 U
MW-11	11/1/2008	10 U	10 U	10 U	10 U
MW-11	4/22/2009	10 U	10 U	10 U	10 U
MW-11	11/20/2009	10 U	10 U	10 U	10 U
MW-11	4/30/2010	10 U	10 U	10 U	10 U
MW-11	11/17/2010	10 U	10 U	10 U	10 U
MW-11	5/21/2011	10 U	10 U	10 U	10 U
MW-11	11/29/2011	10 U	10 U	10 U	10 U
MW-11	5/22/2012	25 U	25 U	25 U	25 U
MW-11	11/28/2012	25 U	25 U	25 U	25 U
MW-11	4/18/2013	25 U	25 U	25 U	25 U
MW-11	10/1/2013	1.1	1 U	1 U	1 U
MW-11	4/16/2014	1	1 U	1 U	1 U
MW-11	9/18/2014	5 U	5 U	5 U	5 U
MW-11	3/31/2015	5 U	5 U	5 U	5 U
MW-11	9/16/2015	10 U	10 U	10 U	10 U
MW-11	3/22/2016	10 U	10 U*	10 U	10 U
MW-11	10/6/2016	10 U	10 U	10 U	10 U
MW-11	4/26/2017	0.5 J	1 U	1 U	1 U
MW-11	10/25/2017	0.33 J	1 U	1 U	1 U
MW-11	4/24/2018	1 U	1 U	1 U	1 U
MW-11	10/4/2018	8 U	8 U	8 U	8 U
MW-11	5/1/2019	8 U	8 U	8 U	8 U
MW-11	10/22/2019	8 U	8 U	8 U	8 U
MW-11	4/15/2020	8 U	8 U	8 U	8 U
MW-11	10/22/2020	8 U	8 U	8 U	8 U
MW-11	4/20/2021	10 U	10 U	10 U	10 U
MW-11	10/21/2021	8 U	8 U	8 U	8 U
MW-12	10/21/1996	1 U	1 U	1 U	1 U
MW-12	10/22/1997	1 U	1 U	1 U	1 U
MW-12	10/20/1998	1 U	1 U	1 U	1 U
MW-12	10/19/1999	1 U	1 U	1 U	1 U
MW-12	11/8/2000	1 U	1 U	1 U	1 U
MW-12	11/9/2001	1 U	1 U	1 U	1 U
MW-12	10/10/2002	1 U	1 U	2	1 U
MW-12	12/8/2003	1 U	1 U	1 U	1 U
MW-12	12/28/2004	0.50 U	0.50 U	0.50 U	0.50 U
MW-12	11/9/2005	0.50 U	0.50 U	0.50 U	0.50 U
MW-12	1/2/2007	0.5 U	0.5 U	0.5 U	0.5 U
MW-12	5/31/2007	0.5 U	0.5 U	0.5 U	0.5 U
MW-12	11/29/2007	0.5 U	0.5 U	0.5 U	0.5 U
MW-12	11/1/2008	0.5 U	0.5 U	0.5 U	0.5 U
MW-12	11/20/2009	0.5 U	0.5 U	0.5 U	0.5 U
MW-12	11/17/2010	0.5 U	0.5 U	0.5 U	0.5 U
MW-12	11/29/2011	0.5 U	0.5 U	0.5 U	0.5 U
MW-12	11/28/2012	0.5 U	0.5 U	0.5 U	0.5 U
MW-12	10/1/2013	1 U	1 U	1 U	1 U



Table 4
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Other Detected Volatile Organic Compounds

Location ID	Chemical Name	cis-1,2-Dichloroethene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene
	Sample Date	ug/l	ug/l	ug/l	ug/l
MW-12	9/18/2014	1 U	1 U	1 U	1 U
MW-12	9/16/2015	1 U	1 U	1 U	1 U
MW-12	10/6/2016	1 U	1 U	1 U	1 U
MW-12	10/25/2017	1 U	1 U	1 U	1 U
MW-12	10/4/2018	1 U	1 U	1 U	1 U
MW-12	10/22/2019	1 U	1 U	1 U	1 U
MW-12	10/22/2020	1 U	1 U	1 U	1 U
MW-12	10/21/2021	1 U	1 U	1 U	1 U
MW-13	10/24/1996	10 U	10 U	10 U	10 U
MW-13	10/23/1997	50 U	50 U	50 U	50 U
MW-13	10/21/1998	25 U	25 U	25 U	25 U
MW-13	10/20/1999	20 U	20 U	20 U	20 U
MW-13	11/9/2000	20 U	20 U	20 U	20 U
MW-13	11/8/2001	20 U	20 U	20 U	20 U
MW-13	6/11/2002	20 U	20 U	20 U	20 U
MW-13	10/11/2002	20 U	20 U	20 U	20 U
MW-13	4/8/2005	0.50 U	0.50 U	0.50 U	0.50 U
MW-13	4/21/2006	5 U	5 U	5 U	5 U
MW-13	2/7/2007	5 U	5 U	5 U	5 U
MW-13	5/31/2007	5 U	5 U	5 U	5 U
MW-13	11/29/2007	0.5 U	0.5 U	0.5 U	0.5 U
MW-13	5/1/2008	0.5 U	0.5 U	0.5 U	0.5 U
MW-13	11/1/2008	NS	NS	NS	NS
MW-13	4/30/2010	5 U	5 U	5 U	5 U
MW-13	11/17/2010	5 U	5 U	5 U	5 U
MW-13	11/29/2011	5 U	5 U	5 U	5 U
MW-13	5/22/2012	5 U	5 U	5 U	5 U
MW-13	11/28/2012	5 U	5 U	5 U	5 U
MW-13	4/18/2013	5 U	5 U	5 U	5 U
MW-13	10/1/2013	1 U	1 U	1 U	1 U
MW-13	4/16/2014	1 U	1 U	1 U	1 U
MW-13	9/18/2014	4 U	4 U	4 U	4 U
MW-13	3/31/2015	4 U	4 U	4 U	4 U
MW-13	9/16/2015	4 U	4 U	4 U	4 U
MW-13	3/22/2016	4 U	4 U*	4 U	4 U
MW-13	10/6/2016	4 U	4 U	4 U	4 U
MW-13	4/27/2017	1 U	1 U	1 U	1 U
MW-13	10/25/2017	1 U	1 U	1 U	1 U
MW-13	4/24/2018	1 U	1 U	1 U	1 U
MW-13	10/4/2018	4 U	4 U	4 U	4 U
MW-13	10/22/2019	4 U	4 U	4 U	4 U
MW-13	4/15/2020	4 U	4 U	4 U	4 U
MW-13	10/22/2020	4 U	4 U	4 U	4 U
MW-13	4/22/2021	4 U	4 U	4 U	4 U
MW-13	10/21/2021	4 U	4 U	4 U	4 U
MW-14	1/17/1996	---	5 U	5 U	---
MW-14	4/10/1996	---	5 U	5 U	---
MW-14	7/16/1996	10 U	10 U	10 U	10 U
MW-14	10/22/1996	5 U	5 U	5 U	5 U
MW-14	1/16/1997	10 U	10 U	10 U	10 U
MW-14	4/16/1997	10 U	10 U	10 U	10 U
MW-14	7/8/1997	10 U	10 U	10 U	10 U
MW-14	10/23/1997	10 U	10 U	10 U	10 U
MW-14	1/29/1998	10 U	10 U	10 U	10 U
MW-14	4/15/1998	10 U	10 U	10 U	10 U
MW-14	10/21/1998	10 U	10 U	10 U	10 U
MW-14	4/29/1999	10 U	10 U	10 U	10 U
MW-14	10/20/1999	10 U	10 U	10 U	10 U
MW-14	4/6/2000	5 U	5 U	5 U	5 U
MW-14	11/8/2000	5 U	5 U	5 U	5 U
MW-14	7/3/2001	5 U	5 U	5 U	5 U
MW-14	11/8/2001	5 U	5 U	5 U	5 U
MW-14	10/11/2002	5 U	5 U	5 U	5 U
MW-14	5/1/2003	5 U	5 U	5 U	5 U
MW-14	12/8/2003	10 U	10 U	10 U	10 U
MW-14	12/28/2004	5.0 U	5.0 U	5.0 U	5.0 U
MW-14	11/9/2005	5.00 U	5.00 U	5.00 U	5.00 U
MW-14	1/2/2007	5 U	5 U	5 U	5 U
MW-14	11/29/2007	0.94	0.5 U	0.5 U	0.5 U
MW-14	11/1/2008	1	0.5 U	0.5 U	0.5 U
MW-14	11/20/2009	12.5 U	12.5 U	12.5 U	12.5 U
MW-14	11/17/2010	10 U	10 U	10 U	10 U
MW-14	11/29/2011	0.5 U	0.5 U	0.5 U	0.5 U
MW-14	11/28/2012	2.5 U	2.5 U	2.5 U	2.5 U
MW-14	10/1/2013	200	0.49 J	1 U	0.93 J
MW-14	9/18/2014	4 U	4 U	4 U	4 U
MW-14	9/16/2015	4 U	4 U	4 U	4 U
MW-14	10/6/2016	4 U	4 U	4 U	4 U
MW-14	10/25/2017	0.48 J	1 U	1 U	1 U
MW-14	10/4/2018	5 U	5 U	5 U	5 U



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Other Detected Volatile Organic Compounds

Location ID	Chemical Name	cis-1,2-Dichloroethene ug/l	Tetrachloroethene ug/l	Toluene ug/l	trans-1,2-Dichloroethene ug/l
MW-14	10/22/2019	5 U	5 U	5 U	5 U
MW-14	10/22/2020	5 U	5 U	5 U	5 U
MW-14	10/21/2021	5 U	5 U	5 U	5 U
MW-15	10/22/1996	1 U	1 U	1 U	1 U
MW-15	10/22/1997	1 U	1 U	1 U	1 U
MW-15	10/21/1998	1 U	1 U	1 U	1 U
MW-15	10/19/1999	1 U	1 U	1 U	1 U
MW-15	11/9/2000	1 U	1 U	1 U	1 U
MW-15	11/8/2001	1 U	1 U	1 U	1 U
MW-15	10/11/2002	1 U	1 U	1 U	1 U
MW-15	12/8/2003	1 U	1 U	1 U	1 U
MW-15	12/28/2004	0.50 U	0.50 U	0.50 U	0.50 U
MW-15	11/9/2005	2.19	0.50 U	0.50 U	0.50 U
MW-15	1/2/2007	1.8	0.5 U	0.5 U	0.5 U
MW-15	11/29/2007	1.7	0.5 U	0.5 U	0.5 U
MW-15	11/1/2008	0.5 U	0.5 U	0.5 U	0.5 U
MW-15	11/20/2009	0.71	0.5 U	0.5 U	0.5 U
MW-15	11/17/2010	0.5 U	0.5 U	0.5 U	0.5 U
MW-15	11/29/2011	0.5 U	0.5 U	0.5 U	0.5 U
MW-15	11/28/2012	0.5 U	0.5 U	0.5 U	0.5 U
MW-15	10/1/2013	1 U	1 U	1 U	1 U
MW-15	9/18/2014	1 U	1 U	1 U	1 U
MW-15	9/16/2015	1 U	1 U	1 U	1 U
MW-15	10/6/2016	1 U	1 U	1 U	1 U
MW-15	10/25/2017	1 U	1 U	1 U	1 U
MW-15	10/4/2018	1 U	1 U	1 U	1 U
MW-15	10/22/2019	1 U	1 U	1 U	1 U
MW-15	10/22/2020	1 U	1 U	1 U	1 U
MW-15	10/21/2021	1 U	1 U	1 U	1 U
MW-16	10/22/1996	1 U	1 U	1 U	1 U
MW-16	10/22/1997	1 U	1 U	1 U	1 U
MW-16	10/21/1998	1 U	1 U	1 U	1 U
MW-16	10/19/1999	1 U	1 U	1 U	1 U
MW-16	11/9/2000	1 U	1 U	1 U	1 U
MW-16	11/8/2001	1 U	1 U	1 U	1 U
MW-16	10/11/2002	1 U	1 U	1 U	1 U
MW-16	12/8/2003	1 U	1 U	1 U	1 U
MW-16	12/28/2004	0.50 U	0.50 U	0.50 U	0.50 U
MW-16	11/9/2005	0.50 U	0.50 U	0.50 U	0.50 U
MW-16	1/2/2007	0.5 U	0.5 U	0.5 U	0.5 U
MW-16	11/29/2007	0.5 U	0.5 U	0.5 U	0.5 U
MW-16	11/1/2008	0.5 U	0.5 U	0.5 U	0.5 U
MW-16	11/20/2009	0.5 U	0.5 U	0.5 U	0.5 U
MW-16	11/17/2010	0.5 U	0.5 U	0.5 U	0.5 U
MW-16	11/29/2011	0.5 U	0.5 U	0.5 U	0.5 U
MW-16	11/28/2012	0.5 U	0.5 U	0.5 U	0.5 U
MW-16	10/1/2013	1 U	1 U	1 U	1 U
MW-16	9/18/2014	1 U	1 U	1 U	1 U
MW-16	9/16/2015	1 U	1 U	1 U	1 U
MW-16	10/6/2016	1 U	1 U	1 U	1 U
MW-16	10/25/2017	1 U	1 U	1 U	1 U
MW-16	10/4/2018	1 U	1 U	1 U	1 U
MW-16	10/22/2019	1 U	1 U	1 U	1 U
MW-16	10/22/2020	1 U	1 U	1 U	1 U
MW-16	10/21/2021	1 U	1 U	1 U	1 U
MW-17	1/17/1996	---	5 U	5 U	---
MW-17	4/10/1996	---	20	5 U	---
MW-17	7/16/1996	10 U	10 U	10 U	10 U
MW-17	10/22/1996	7	12	5 U	5 U
MW-17	1/16/1997	10 U	22	10 U	10 U
MW-17	4/15/1997	10 U	15	10 U	10 U
MW-17	7/8/1997	10 U	18	10 U	10 U
MW-17	1/29/1998	10 U	12	10 U	10 U
MW-17	4/15/1998	50 U	50 U	50 U	50 U
MW-17	10/20/1998	10 U	17	10 U	10 U
MW-17	4/29/1999	10 U	23	10 U	10 U
MW-17	10/19/1999	10 U	10 U	10 U	10 U
MW-17	4/6/2000	10 U	10 U	10 U	10 U
MW-17	11/9/2000	15	7	5 U	5 U
MW-17	7/3/2001	10	7	5 U	5 U
MW-17	11/10/2001	10	8	5 U	5 U
MW-17	10/11/2002	22	5 U	5 U	5 U
MW-17	12/8/2003	10 U	10 U	10 U	10 U
MW-17	12/28/2004	5.1	11	5.0 U	5.0 U
MW-17	11/9/2005	17.9	9.5	2.50 U	2.50 U
MW-17	1/2/2007	9.45	10.2	2.5 U	2.5 U
MW-17	11/29/2007	22	6.9	0.5 U	0.5 U
MW-17	11/1/2008	21.7	5.06	0.5 U	0.5 U
MW-17	11/20/2009	11.6	6.1	5 U	5 U
MW-17	11/17/2010	2.4	6.18	1.25 U	1.25 U



Table 4
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Other Detected Volatile Organic Compounds

Location ID	Chemical Name	cis-1,2-Dichloroethene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene
	Sample Date	ug/l	ug/l	ug/l	ug/l
MW-17	11/29/2011	20.2	19.7	5 U	5 U
MW-17	11/28/2012	10.7	5.25	2.5 U	2.5 U
MW-17	10/1/2013	31	8.1	1 U	1 U
MW-17	9/18/2014	24	4.9J	5 U	5 U
MW-17	9/16/2015	16	5.9	1 U	1 U
MW-17	10/6/2016	18	5.2	5 U	5 U
MW-17	10/25/2017	29	4.4	1 U	0.68 J
MW-17	10/4/2018	23	4.1 J	5 U	5 U
MW-17	10/22/2019	29	4.3 J	5 U	5 U
MW-17	10/22/2020	25	4.3 J	5 U	5 U
MW-17	10/21/2021	11	3.3	2 U	2 U
MW-18	5/29/1996	50 U	50 U	50 U	50 U
MW-18	10/22/1996	81	50 U	50 U	50 U
MW-18	1/16/1997	100 U	100 U	100 U	100 U
MW-18	4/16/1997	10 U	10 U	10 U	10 U
MW-18	7/8/1997	66	50 U	50 U	50 U
MW-18	10/23/1997	100 U	100 U	100 U	100 U
MW-18	1/29/1998	50 U	50 U	50 U	50 U
MW-18	4/16/1998	50 U	50 U	50 U	50 U
MW-18	10/21/1998	160	100 U	100 U	100 U
MW-18	4/29/1999	37	25 U	25 U	25 U
MW-18	10/19/1999	100 U	100 U	100 U	100 U
MW-18	4/6/2000	14	10 U	10 U	10 U
MW-18	11/9/2000	100	50 U	50 U	50 U
MW-18	7/3/2001	50 U	50 U	50 U	50 U
MW-18	11/10/2001	120	50 U	50 U	50 U
MW-18	4/4/2002	10 U	10 U	10 U	10 U
MW-18	10/15/2002	310	50 U	50 U	50 U
MW-18	5/1/2003	130	50 U	50 U	50 U
MW-18	12/8/2003	100 U	100 U	100 U	100 U
MW-18	7/19/2004	140	50 U	50 U	50 U
MW-18	4/8/2005	120	0.51	0.50 U	0.86
MW-18	4/21/2006	127	25 U	25 U	25 U
MW-18	2/7/2007	68.5	12.5 U	12.5 U	12.5 U
MW-18	5/31/2007	136	12.5 U	12.5 U	12.5 U
MW-18	11/29/2007	190	0.51	0.5 U	0.86
MW-18	5/1/2008	108	0.5 U	0.5 U	0.81
MW-18	11/1/2008	148	25 U	25 U	25 U
MW-18	04/22/2009	79.5	25 U	25 U	25 U
MW-18	11/20/2009	125	25 U	25 U	25 U
MW-18	04/30/2010	38.5	25 U	25 U	25 U
MW-18	11/17/2010	99	25 U	25 U	25 U
MW-18	5/21/2011	73.5	25 U	25 U	25 U
MW-18	11/29/2011	109	25 U	25 U	25 U
MW-18	5/22/2012	74	25 U	25 U	25 U
MW-18	11/28/2012	144	25 U	25 U	25 U
MW-18	4/18/2013	70.5	25 U	25 U	25 U
MW-18	10/1/2013	210	0.42 J	1 U	0.9 J
MW-18	4/16/2014	76	1 U	1.0 U	1 U
MW-18	9/18/2014	270	1 U	10 U	1 U
MW-18	3/31/2015	210	10 U	10 U	10 U
MW-18	9/16/2015	430 F1	10 U	10 U	10 U
MW-18	3/22/2016	360	25 U*	25 U	25 U
MW-18	10/6/2016	500	20 U	20 U	20 U
MW-18	4/27/2017	180	5 U	5 U	5 U
MW-18	10/25/2017	300	5 U	5 U	6.1
MW-18	4/24/2018	340	20 U*	20 U	20 U
MW-18	10/4/2018	510	20 U	20 U	20 U
MW-18	5/1/2019	290	20 U	20 U	20 U
MW-18	10/22/2019	440	20 U	20 U	20 U
MW-18	4/15/2020	330	20 U	20 U	20 U
MW-18	10/22/2020	470	20 U	20 U	20 U
MW-18	4/20/2021	350	20 U	20 U	20 U
MW-18	10/21/2021	750 F1	20 U	20 U	20 U
MW-20	5/24/1996	46	1 U	1 U	1 U
MW-21	1/21/1997	650	100 U	100 U	100 U
MW-21	4/16/1997	630	50 U	50 U	50 U
MW-21	7/8/1997	770	50 U	50 U	50 U
MW-21	10/23/1997	800	50 U	50 U	50 U
MW-21	1/29/1998	350	10 U	10 U	10 U
MW-21	4/16/1998	1400	50 U	50 U	50 U
MW-21	10/21/1998	340	50 U	50 U	50 U
MW-21	4/29/1999	2100	100 U	100 U	100 U
MW-21	10/19/1999	670	20 U	20 U	20 U
MW-21	4/6/2000	140	5 U	5 U	5 U
MW-21	11/7/2000	220	5 U	5 U	5 U
MW-21	7/3/2001	130	5 U	5 U	5 U
MW-21	11/10/2001	240	5 U	5 U	5 U
MW-21	12/8/2003	32	1 U	1 U	1 U
MW-21	12/28/2004	2.8	0.50 U	0.50 U	0.50 U



Table 4
Former Accurate Die Casting Site
Fayetteville, New York
Other Detected Volatile Organic Compounds

Location ID	Chemical Name	cis-1,2-Dichloroethene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene
	Sample Date	ug/l	ug/l	ug/l	ug/l
MW-21	11/9/2005	20	0.50 U	0.50 U	0.50 U
MW-21	1/2/2007	15.4	0.5 U	0.5 U	0.5 U
MW-21	11/29/2007	25	0.5 U	0.5 U	0.5 U
MW-21	11/1/2008	45.2	0.5 U	0.5 U	0.5 U
MW-21	11/20/2009	40.7	1 U	1 U	1 U
MW-21	11/17/2010	22.6	1 U	1 U	1 U
MW-21	11/29/2011	18.8	0.5 U	0.5 U	0.5 U
MW-21	11/28/2012	71	2.5 U	2.5 U	2.5 U
MW-21	10/1/2013	28	1 U	1 U	1 U
MW-21	9/18/2014	30	1 U	1 U	1 U
MW-21	9/16/2015	40	1 U	1 U	1 U
MW-21	10/6/2016	48	1 U	1 U	1 U
MW-21	10/25/2017	48	1 U	1 U	1.3
MW-21	10/4/2018	43	1 U	1 U	1 U
MW-21	10/22/2019	38	1 U	1 U	1 U
MW-21	10/22/2020	29	1 U	1 U	1 U
MW-21	10/21/2021	8.1	1 U	1 U	1 U
MW-22	1/21/1997	5	1 U	1 U	1 U
MW-22	4/16/1997	4	1 U	1 U	1 U
MW-22	7/8/1997	9	1 U	1 U	1 U
MW-22	10/23/1997	22	1 U	1 U	1 U
MW-22	1/29/1998	11	1 U	1 U	1 U
MW-22	4/16/1998	22	1 U	1 U	1 U
MW-22	10/21/1998	35	1 U	1 U	1 U
MW-22	4/29/1999	24	1 U	1 U	1 U
MW-22	10/19/1999	28	1 U	1 U	1 U
MW-22	4/6/2000	26	1 U	1 U	1 U
MW-22	11/9/2000	29	1 U	1 U	1 U
MW-22	7/3/2001	37	1 U	1 U	1 U
MW-22	11/10/2001	36	1 U	1 U	1 U
MW-22	10/11/2002	51	1 U	1 U	1 U
MW-22	12/8/2003	52	2 U	2 U	2 U
MW-22	12/28/2004	47	1.0 U	1.0 U	1.1
MW-22	11/9/2005	56.3	1.00 U	1.00 U	1.00 U
MW-22	1/2/2007	38.4	1 U	1 U	1 U
MW-22	11/29/2007	37	0.5 U	0.5 U	0.77
MW-22	11/1/2008	31.2	0.5 U	0.5 U	0.92
MW-22	11/20/2009	30.6	1 U	1 U	1 U
MW-22	11/17/2010	30.5	1 U	1 U	1 U
MW-22	11/29/2011	33.4	0.5 U	0.5 U	1.16
MW-22	11/28/2012	37.2	1 U	1 U	1.24
MW-22	10/1/2013	48	1 U	1 U	2.4
MW-22	9/18/2014	53	1 U	1 U	5
MW-22	9/16/2015	54	1 U	1 U	5.2
MW-22	10/6/2016	30	1 U	1 U	2.5
MW-22	10/25/2017	18	1 U	1 U	1.1
MW-22	10/4/2018	19	1 U	1 U	1.5
MW-22	10/22/2019	5.6	1 U	1 U	1 U
MW-22	10/22/2020	7	1 U	1 U	0.9 U
MW-22	10/21/2021	7.8	1 U	1 U	1 U
MW-23	4/15/1997	1 U	1 U	1 U	1 U
MW-23	7/8/1997	1 U	1 U	1 U	1 U
MW-23	10/22/1997	1 U	1 U	1 U	1 U
MW-23	1/29/1998	1 U	1 U	1 U	1 U
MW-23	10/21/1998	1 U	1 U	1 U	1 U
MW-23	10/19/1999	1 U	1 U	1 U	1 U
MW-23	11/7/2000	1 U	1 U	1 U	1 U
MW-23	11/8/2001	1 U	1 U	1 U	1 U
MW-24	11/9/1998	2600	200 U	200 U	200 U
MW-24	4/29/1999	1600	100 U	100 U	100 U
MW-24	10/19/1999	3000	100 U	100 U	100 U
MW-24	4/6/2000	250	20 U	20 U	20 U
MW-24	11/7/2000	1200	50 U	50 U	50 U
MW-24	7/3/2001	400	50 U	50 U	50 U
MW-24	11/10/2001	2100	50 U	50 U	50 U
MW-24	6/11/2002	680	50 U	50 U	50 U
MW-24	5/1/2003	410	10 U	10 U	10 U
MW-24	12/8/2003	81	10 U	10 U	10 U
MW-24	7/19/2004	680	10 U	10 U	10 U
MW-24	12/28/2004	69	5.0 U	5.0 U	5.0 U
MW-24	4/8/2005	44	2.0 U	2.0 U	2.0 U
MW-24	11/9/2005	75.6	2.50 U	2.50 U	2.50 U
MW-24	4/21/2006	180	2.5 U	2.5 U	2.5 U
MW-24	1/2/2007	5.15	2.5 U	2.5 U	2.5 U
MW-24	5/31/2007	45.7	2.5 U	2.5 U	2.5 U
MW-24	11/29/2007	42	0.5 U	0.5 U	0.5 U
MW-24	5/1/2008	8.21	0.5 U	0.5 U	0.5 U
MW-24	11/1/2008	51.9	5 U	5 U	5 U
MW-24	04/22/2009	8.1	5 U	5 U	5 U
MW-24	04/30/2010	11	2.5 U	2.5 U	2.5 U



Table 4
Former Accurate Die Casting Site
Fayetteville, New York
Other Detected Volatile Organic Compounds

Location ID	Chemical Name	cis-1,2-Dichloroethene ug/l	Tetrachloroethene ug/l	Toluene ug/l	trans-1,2-Dichloroethene ug/l
MW-24	11/17/2010	212	2.5 U	2.5 U	2.5 U
MW-24	5/21/2011	492	5 U	5 U	5 U
MW-24	11/29/2011	43.3	5 U	5 U	5 U
MW-24	5/22/2012	36.9	5 U	5 U	5 U
MW-24	11/28/2012	111	25 U	25 U	25 U
MW-24	4/18/2013	43	25 U	25 U	25 U
MW-24	10/1/2013	150	1 U	1 U	1.9
MW-24	4/16/2014	89	1 U	1 U	1.2
MW-24	9/18/2014	110	5 U	5 U	5 U
MW-24	3/31/2015	14	5 U	5 U	5 U
MW-24	9/16/2015	150	5 U	5 U	5 U
MW-24	3/22/2016	34	5 U*	5 U	5 U
MW-24	10/6/2016	65	5 U	5 U	5 U
MW-24	4/26/2017	31	1 U	1 U	1 U
MW-24	10/25/2017	60	1 U	1 U	1.7
MW-24	4/24/2018	18	5 U	5 U	5 U
MW-24	10/4/2018	60	5 U	5 U	5 U
MW-24	5/1/2019	6.2	5 U	5 U	5 U
MW-24	10/22/2019	63	5 U	5 U	5 U
MW-24	4/15/2020	9	5 U	5 U	5 U
MW-24	10/20/2020	59	5 U	5 U	5 U
MW-24	4/20/2021	18	5 U	5 U	5 U
MW-24	10/21/2021	67	5 U	5 U	5 U
PZ-01	10/21/1996	1 U	1 U	1 U	1 U
PZ-01	10/23/1997	1 U	1 U	1 U	1 U
PZ-01	10/20/1998	2 U	2 U	2 U	2 U
PZ-01	10/19/1999	10 U	10 U	10 U	10 U
PZ-01	11/7/2000	1 U	1 U	1 U	1 U
PZ-01	11/9/2001	2 U	2 U	2 U	2 U
PZ-01	10/10/2002	2 U	2 U	2 U	2 U
PZ-01	12/8/2003	5 U	5 U	5 U	5 U
PZ-01	12/28/2004	2.5 U	2.5 U	2.5 U	2.5 U
PZ-01	11/9/2005	2.50 U	2.50 U	2.50 U	2.50 U
PZ-01	1/2/2007	2.5 U	2.5 U	2.5 U	2.5 U
PZ-01	11/29/2007	0.5 U	0.5 U	0.5 U	0.5 U
PZ-01	11/1/2008	0.5 U	0.5 U	0.5 U	0.5 U
PZ-01	11/20/2009	0.5 U	0.5 U	0.5 U	0.5 U
PZ-01	11/17/2010	1 U	1 U	1 U	1 U
PZ-01	11/29/2011	2.5 U	2.5 U	2.5 U	2.5 U
PZ-01	11/28/2012	2.5 U	2.5 U	2.5 U	2.5 U
PZ-01	10/1/2013	1 U	1 U	1 U	1 U
PZ-01	9/18/2014	1 U	1 U	1 U	1 U
PZ-01	9/16/2015	1 U	1 U	1 U	1 U
PZ-01	10/6/2016	1 U	1 U	1 U	1 U
PZ-01	10/25/2017	1 U	1 U	1 U	1 U
PZ-01	10/4/2018	1 U	1 U	1 U	1 U
PZ-01	10/22/2019	1 U	1 U	1 U	1 U
PZ-01	10/22/2020	1 U	1 U	1 U	1 U
PZ-01	10/21/2021	1 U	1 U	1 U	1 U
PZ-02	10/21/1996	10 U	10 U	10 U	10 U
PZ-02	10/23/1997	10 U	10 U	10 U	10 U
PZ-02	10/20/1998	10 U	10 U	10 U	10 U
PZ-02	10/19/1999	1 U	1 U	1 U	1 U
PZ-02	11/9/2000	5 U	5 U	5 U	5 U
PZ-02	11/10/2001	5 U	5 U	5 U	5 U
PZ-02	10/11/2002	5 U	5 U	5 U	5 U
PZ-02	12/8/2003	5 U	5 U	5 U	5 U
PZ-02	12/28/2004	2.5 U	2.5 U	2.5 U	2.5 U
PZ-02	11/9/2005	2.50 U	2.50 U	2.50 U	2.50 U
PZ-02	1/2/2007	2.5 U	2.5 U	2.5 U	2.5 U
PZ-02	11/29/2007	1.1	0.51	0.5 U	0.5 U
PZ-02	11/1/2008	1	0.5 U	0.5 U	0.5 U
PZ-02	11/20/2009	2.5 U	2.5 U	2.5 U	2.5 U
PZ-02	11/17/2010	2.5 U	2.5 U	2.5 U	2.5 U
PZ-02	11/29/2011	2.5 U	2.5 U	2.5 U	2.5 U
PZ-02	11/28/2012	2.5 U	2.5 U	2.5 U	2.5 U
PZ-02	10/1/2013	1 U	0.57 J	1 U	1 U
PZ-02	9/18/2014	1 U	0.47 J	1 U	1 U
PZ-02	9/16/2015	1 U	0.49 J	1 U	1 U
PZ-02	10/6/2016	1 U	0.48 J	1 U	1 U
PZ-02	10/25/2017	0.51 J	0.50 J	1 U	1 U
PZ-02	10/4/2018	1 U	0.46 J	1 U	1 U
PZ-02	10/22/2019	1 U	0.51 J	1 U	1 U
PZ-02	10/22/2020	1 U	0.49 J	1 U	1 U
PZ-02	10/21/2021	1 U	1 U	1 U	1 U

Notes: J - Estimated, U - Not detected, NS - Not sampled, --- - Not Analyzed, Detects in BOLD, * - LCS or LCSD outside limits

MW-04, MW-20 were abandoned and replaced by MW-21, MW-22 on 1/20/97.

ATTACHMENT A

EFFLUENT MONITORING LABORATORY REPORTS

ANALYTICAL REPORT

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

Laboratory Job ID: 480-190414-1
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:
10/12/2021 6:00:41 PM
John Schove, Project Manager II
(716)504-9838
John.Schove@Eurofinset.com

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

LINKS

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

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

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



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Definitions/Glossary

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

Job ID: 480-190414-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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: 480-190414-1

Job ID: 480-190414-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-190414-1

Comments

No additional comments.

Receipt

The samples were received on 10/5/2021 8:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.3° C.

GC/MS VOA

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.

- 1
- 2
- 3
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Detection Summary

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

Job ID: 480-190414-1

Client Sample ID: EFFLUENT - COMP 100421

Lab Sample ID: 480-190414-1

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	635		10.0	4.0	mg/L	1		SM2540 C	Total/NA

Client Sample ID: BETWEEN CARBONS 100421

Lab Sample ID: 480-190414-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	7.4		1.0	0.81	ug/L	1		8260C	Total/NA
Trichloroethene	15		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: EFFLUENT - GRAB 100421

Lab Sample ID: 480-190414-3

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-190414-1

Client Sample ID: EFFLUENT - COMP 100421

Lab Sample ID: 480-190414-1

Date Collected: 10/04/21 07:00

Matrix: Water

Date Received: 10/05/21 08:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	635		10.0	4.0	mg/L			10/06/21 12:08	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	4.0		4.0	4.0	mg/L			10/06/21 16:04	1

Client Sample ID: BETWEEN CARBONS 100421

Lab Sample ID: 480-190414-2

Date Collected: 10/04/21 07:00

Matrix: Water

Date Received: 10/05/21 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			10/08/21 12:23	1
cis-1,2-Dichloroethene	7.4		1.0	0.81	ug/L			10/08/21 12:23	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/08/21 12:23	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/08/21 12:23	1
Toluene	ND		1.0	0.51	ug/L			10/08/21 12:23	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/08/21 12:23	1
Trichloroethene	15		1.0	0.46	ug/L			10/08/21 12:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120					10/08/21 12:23	1
4-Bromofluorobenzene (Surr)	98		73 - 120					10/08/21 12:23	1
Toluene-d8 (Surr)	102		80 - 120					10/08/21 12:23	1
Dibromofluoromethane (Surr)	100		75 - 123					10/08/21 12:23	1

Client Sample ID: EFFLUENT - GRAB 100421

Lab Sample ID: 480-190414-3

Date Collected: 10/04/21 07:00

Matrix: Water

Date Received: 10/05/21 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			10/08/21 12:46	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/08/21 12:46	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/08/21 12:46	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/08/21 12:46	1
Toluene	ND		1.0	0.51	ug/L			10/08/21 12:46	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/08/21 12:46	1
Trichloroethene	ND		1.0	0.46	ug/L			10/08/21 12:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		77 - 120					10/08/21 12:46	1
4-Bromofluorobenzene (Surr)	100		73 - 120					10/08/21 12:46	1
Toluene-d8 (Surr)	102		80 - 120					10/08/21 12:46	1
Dibromofluoromethane (Surr)	98		75 - 123					10/08/21 12:46	1

Surrogate Summary

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

Job ID: 480-190414-1

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCA	BFB	TOL	DBFM
		(77-120)	(73-120)	(80-120)	(75-123)
480-190414-2	BETWEEN CARBONS 100421	101	98	102	100
480-190414-3	EFFLUENT - GRAB 100421	98	100	102	98
LCS 480-599574/5	Lab Control Sample	99	98	102	103
MB 480-599574/7	Method Blank	95	98	98	97

Surrogate Legend

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

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

QC Sample Results

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

Job ID: 480-190414-1

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

Lab Sample ID: MB 480-599574/7
Matrix: Water
Analysis Batch: 599574

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/08/21 11:26	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/08/21 11:26	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/08/21 11:26	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/08/21 11:26	1
Toluene	ND		1.0	0.51	ug/L			10/08/21 11:26	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/08/21 11:26	1
Trichloroethene	ND		1.0	0.46	ug/L			10/08/21 11:26	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	95		77 - 120		10/08/21 11:26	1
4-Bromofluorobenzene (Surr)	98		73 - 120		10/08/21 11:26	1
Toluene-d8 (Surr)	98		80 - 120		10/08/21 11:26	1
Dibromofluoromethane (Surr)	97		75 - 123		10/08/21 11:26	1

Lab Sample ID: LCS 480-599574/5
Matrix: Water
Analysis Batch: 599574

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,2-Dichloroethene	25.0	24.2		ug/L		97	74 - 124
Methylene Chloride	25.0	24.0		ug/L		96	75 - 124
Tetrachloroethene	25.0	22.0		ug/L		88	74 - 122
Toluene	25.0	23.4		ug/L		93	80 - 122
trans-1,2-Dichloroethene	25.0	22.9		ug/L		91	73 - 127
Trichloroethene	25.0	23.2		ug/L		93	74 - 123

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	99		77 - 120
4-Bromofluorobenzene (Surr)	98		73 - 120
Toluene-d8 (Surr)	102		80 - 120
Dibromofluoromethane (Surr)	103		75 - 123

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

Lab Sample ID: MB 480-599313/1
Matrix: Water
Analysis Batch: 599313

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

Analyte	MB	MB	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Suspended Solids	ND		1.0	1.0	mg/L			10/06/21 16:04	1

Lab Sample ID: LCS 480-599313/2
Matrix: Water
Analysis Batch: 599313

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

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

Eurofins TestAmerica, Buffalo

QC Sample Results

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

Job ID: 480-190414-1

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-599253/1
 Matrix: Water
 Analysis Batch: 599253

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			10/06/21 12:08	1

Lab Sample ID: LCS 480-599253/2
 Matrix: Water
 Analysis Batch: 599253

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	475.0		mg/L		95	85 - 115

QC Association Summary

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

Job ID: 480-190414-1

GC/MS VOA

Analysis Batch: 599574

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-190414-2	BETWEEN CARBONS 100421	Total/NA	Water	8260C	
480-190414-3	EFFLUENT - GRAB 100421	Total/NA	Water	8260C	
MB 480-599574/7	Method Blank	Total/NA	Water	8260C	
LCS 480-599574/5	Lab Control Sample	Total/NA	Water	8260C	

General Chemistry

Analysis Batch: 599253

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-190414-1	EFFLUENT - COMP 100421	Total/NA	Water	SM2540 C	
MB 480-599253/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-599253/2	Lab Control Sample	Total/NA	Water	SM2540 C	

Analysis Batch: 599313

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-190414-1	EFFLUENT - COMP 100421	Total/NA	Water	SM 2540D	
MB 480-599313/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-599313/2	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: 480-190414-1

Client Sample ID: EFFLUENT - COMP 100421

Lab Sample ID: 480-190414-1

Date Collected: 10/04/21 07:00

Matrix: Water

Date Received: 10/05/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	599313	10/06/21 16:04	JGO	TAL BUF
Total/NA	Analysis	SM2540 C		1	599253	10/06/21 12:08	JGO	TAL BUF

Client Sample ID: BETWEEN CARBONS 100421

Lab Sample ID: 480-190414-2

Date Collected: 10/04/21 07:00

Matrix: Water

Date Received: 10/05/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	599574	10/08/21 12:23	OMI	TAL BUF

Client Sample ID: EFFLUENT - GRAB 100421

Lab Sample ID: 480-190414-3

Date Collected: 10/04/21 07:00

Matrix: Water

Date Received: 10/05/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	599574	10/08/21 12:46	OMI	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: 480-190414-1

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

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Method Summary

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

Job ID: 480-190414-1

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: 480-190414-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-190414-1	EFFLUENT - COMP 100421	Water	10/04/21 07:00	10/05/21 08:00
480-190414-2	BETWEEN CARBONS 100421	Water	10/04/21 07:00	10/05/21 08:00
480-190414-3	EFFLUENT - GRAB 100421	Water	10/04/21 07:00	10/05/21 08:00

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Chain of Custody Record

Syracuse
 State of New York

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

Lab P#: Giacomozza, Joe V
 E-Mail: joe.giacomazza@testamericainc.com
 State: NY
 Job #: #225
 COC No: 480-158109-10588.1
 Page: Page 1 of 1

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Preservation Code	Field Filtered Sample (Yes or No)	Perform MS/MS (Yes or No)	244D - Total Suspended Solids	244C - Calc'd - Total Dissolved Solids	826C - Volatile Organic Compounds	Total Number of Containers	Special Instructions/Note:
Effluent 100421	10-4-21	7:00	C	Water	X		11	A		3	
Between Carbons 100421	10-4-21	7:00	G	Water			3			3	
Effluent 100421	10-4-21	7:00	G	W			3			3	



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

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

Empty Kit Relinquished by: _____ Date: _____

Relinquished by: *Matt Fornhe* Date: 10-4-21 10:40 Company: *OBG*

Relinquished by: *R. Veig* Date: 10-4-21 19:00 Company: *OBG*

Relinquished by: _____ Date: _____ Company: _____

Custody Seals Intact: Yes No Custody Seal No.: _____

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:

Received by: *R. Veig* Date: 10-4-21 10:40 Company: *Syn*

Received by: *Yuri* Date: 10-5-21 8:00 Company: *TALB*

Received by: _____ Date: _____ Company: _____

Cooler Temperature(s) °C and Other Remarks: *2.3 ICE*



Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-190414-1

Login Number: 190414

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.	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	

ANALYTICAL REPORT

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

Laboratory Job ID: 480-190770-1
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:
10/21/2021 10:02:59 AM
John Schove, Project Manager II
(716)504-9838
John.Schove@Eurofinset.com

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

LINKS

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results through
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www.eurofinsus.com/Env

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

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

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



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Definitions/Glossary

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

Job ID: 480-190770-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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: 480-190770-1

Job ID: 480-190770-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

**Job Narrative
480-190770-1**

Comments

No additional comments.

Receipt

The sample was received on 10/12/2021 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 2.0° C.

General Chemistry

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

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Detection Summary

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

Job ID: 480-190770-1

Client Sample ID: EFFLUENT 101121

Lab Sample ID: 480-190770-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	1670		10.0	4.0	mg/L	1		SM2540 C	Total/NA

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This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-190770-1

Client Sample ID: EFFLUENT 101121

Lab Sample ID: 480-190770-1

Date Collected: 10/11/21 07:15

Matrix: Water

Date Received: 10/12/21 08:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1670		10.0	4.0	mg/L			10/15/21 13:36	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			10/13/21 13:51	1

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QC Sample Results

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

Job ID: 480-190770-1

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

Lab Sample ID: MB 480-600257/1
 Matrix: Water
 Analysis Batch: 600257

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			10/13/21 13:51	1

Lab Sample ID: LCS 480-600257/2
 Matrix: Water
 Analysis Batch: 600257

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	506	502.8		mg/L		99	88 - 110

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-600632/1
 Matrix: Water
 Analysis Batch: 600632

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			10/15/21 13:36	1

Lab Sample ID: LCS 480-600632/2
 Matrix: Water
 Analysis Batch: 600632

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	500	477.0		mg/L		95	85 - 115

QC Association Summary

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

Job ID: 480-190770-1

General Chemistry

Analysis Batch: 600257

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-190770-1	EFFLUENT 101121	Total/NA	Water	SM 2540D	
MB 480-600257/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-600257/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 600632

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-190770-1	EFFLUENT 101121	Total/NA	Water	SM2540 C	
MB 480-600632/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-600632/2	Lab Control Sample	Total/NA	Water	SM2540 C	

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Lab Chronicle

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

Job ID: 480-190770-1

Client Sample ID: EFFLUENT 101121

Lab Sample ID: 480-190770-1

Date Collected: 10/11/21 07:15

Matrix: Water

Date Received: 10/12/21 08:00

<u>Prep Type</u>	<u>Batch Type</u>	<u>Batch Method</u>	<u>Run</u>	<u>Dilution Factor</u>	<u>Batch Number</u>	<u>Prepared or Analyzed</u>	<u>Analyst</u>	<u>Lab</u>
Total/NA	Analysis	SM 2540D		1	600257	10/13/21 13:51	JGO	TAL BUF
Total/NA	Analysis	SM2540 C		1	600632	10/15/21 13:36	JGO	TAL BUF

Laboratory References:

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

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Accreditation/Certification Summary

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

Job ID: 480-190770-1

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

- 1
- 2
- 3
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Method Summary

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

Job ID: 480-190770-1

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

Protocol References:

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

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

Laboratory References:

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

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Sample Summary

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

Job ID: 480-190770-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-190770-1	EFFLUENT 101121	Water	10/11/21 07:15	10/12/21 08:00

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Client Information		Lab PM: Giacomazza, Joe V		COC No: 1480-158075-10586.1	
Client Contact: Mr. Yuri Veliz		E-Mail: Joe.giacomazza@testamericainc.com		Page: Page 1 of 1	
Company: O'Brien & Gere Inc of North America		State of Origin: Syracuse		Job #: #225	
Address: 333 West Washington St. PO BOX 4873		Due Date Requested:		Analysis Requested:	
City: East Syracuse		TAT Requested (days):		2540C - Calcd - Total Dissolved Solids	
State, Zip: NY, 13221		Compliance Project: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2540D - Total Suspended Solids	
Phone: 315-956-6100(Tel) 315-463-7554(Fax)		PO #: 1940002622		Perform MS: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Email: yuri.veliz@ramboll.com		WO #: 48008584		Field Filtered Sample (Yes or No)	
Project Name: Former Accurate Die Cast		Project #: 48008584		Matrix	
Site: New York		SSOW#:		Sample Type (C=comp, G=grab, B= tissue, A=Air)	
Sample Identification		Sample Date		Sample Time	
Effluent 101121		10-11-21		7:15 C	
Preservation Code: Water		Sample Date		Sample Time	
Total Number of Containers: 2		Sample Date		Sample Time	
Special Instructions/Note:		Sample Date		Sample Time	
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 Other: M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - H2SO4 S - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)		Sample Date		Sample Time	
Barcode: 		Sample Date		Sample Time	
480-190770 Chain of Custody		Sample Date		Sample Time	
Possible Hazard Identification		Sample Date		Sample Time	
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological		Sample Date		Sample Time	
Deliverable Requested: I, II, III, IV, Other (specify)		Sample Date		Sample Time	
Empty Kit Relinquished by:		Sample Date		Sample Time	
Relinquished by: Yuri Veliz		Date: 10-11-21		Time: 9:40	
Relinquished by: RE EIG 11.6		Date: 10-11-21		Time: 19:00	
Relinquished by:		Date:		Time:	
Custody Seals Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Date:		Time:	
Custody Seal No.:		Date:		Time:	
Cooler Temperature(s) °C and Other Remarks: 210°F (ICE)		Date:		Time:	

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-190770-1

Login Number: 190770

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	



ANALYTICAL REPORT

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

Laboratory Job ID: 480-191078-1
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:
10/26/2021 7:21:29 PM
Rebecca Jones, Project Management Assistant I
Rebecca.Jones@Eurofinset.com
Designee for
Joe Giacomazza, Project Manager I
(716)691-2600
joe.giacomazza@testamericainc.com

LINKS

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

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



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Definitions/Glossary

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

Job ID: 480-191078-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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: 480-191078-1

Job ID: 480-191078-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-191078-1

Comments

No additional comments.

Receipt

The samples were received on 10/19/2021 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 3.1° C.

GC/MS VOA

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

General Chemistry

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

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Detection Summary

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

Job ID: 480-191078-1

Client Sample ID: EFFLUENT - COMP 101821

Lab Sample ID: 480-191078-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	1000		10.0	4.0	mg/L	1		SM2540 C	Total/NA

Client Sample ID: EFFLUENT - GRAB 101821

Lab Sample ID: 480-191078-2

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo



Client Sample Results

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

Job ID: 480-191078-1

Client Sample ID: EFFLUENT - COMP 101821

Lab Sample ID: 480-191078-1

Date Collected: 10/18/21 07:15

Matrix: Wastewater

Date Received: 10/19/21 08:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1000		10.0	4.0	mg/L			10/21/21 13:23	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			10/22/21 13:13	1

Client Sample ID: EFFLUENT - GRAB 101821

Lab Sample ID: 480-191078-2

Date Collected: 10/18/21 07:15

Matrix: Wastewater

Date Received: 10/19/21 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			10/20/21 19:21	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/20/21 19:21	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/20/21 19:21	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/20/21 19:21	1
Toluene	ND		1.0	0.51	ug/L			10/20/21 19:21	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/20/21 19:21	1
Trichloroethene	ND		1.0	0.46	ug/L			10/20/21 19:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		77 - 120					10/20/21 19:21	1
4-Bromofluorobenzene (Surr)	96		73 - 120					10/20/21 19:21	1
Toluene-d8 (Surr)	101		80 - 120					10/20/21 19:21	1
Dibromofluoromethane (Surr)	97		75 - 123					10/20/21 19:21	1

Surrogate Summary

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

Job ID: 480-191078-1

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

Matrix: Wastewater

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (77-120)	BFB (73-120)	TOL (80-120)	DBFM (75-123)
480-191078-2	EFFLUENT - GRAB 101821	96	96	101	97

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

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (77-120)	BFB (73-120)	TOL (80-120)	DBFM (75-123)
LCS 480-601152/5	Lab Control Sample	93	98	101	95
MB 480-601152/7	Method Blank	92	99	101	93

Surrogate Legend

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

QC Sample Results

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

Job ID: 480-191078-1

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

Lab Sample ID: MB 480-601152/7

Matrix: Water

Analysis Batch: 601152

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/20/21 11:11	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/20/21 11:11	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/20/21 11:11	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/20/21 11:11	1
Toluene	ND		1.0	0.51	ug/L			10/20/21 11:11	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/20/21 11:11	1
Trichloroethene	ND		1.0	0.46	ug/L			10/20/21 11:11	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	92		77 - 120		10/20/21 11:11	1
4-Bromofluorobenzene (Surr)	99		73 - 120		10/20/21 11:11	1
Toluene-d8 (Surr)	101		80 - 120		10/20/21 11:11	1
Dibromofluoromethane (Surr)	93		75 - 123		10/20/21 11:11	1

Lab Sample ID: LCS 480-601152/5

Matrix: Water

Analysis Batch: 601152

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
1,1,2,2-Tetrachloroethane	25.0	24.7		ug/L		99	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	24.9		ug/L		100	74 - 122
Toluene	25.0	25.4		ug/L		102	80 - 122
trans-1,2-Dichloroethene	25.0	22.4		ug/L		90	73 - 127
Trichloroethene	25.0	24.7		ug/L		99	74 - 123

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	93		77 - 120
4-Bromofluorobenzene (Surr)	98		73 - 120
Toluene-d8 (Surr)	101		80 - 120
Dibromofluoromethane (Surr)	95		75 - 123

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

Lab Sample ID: MB 480-601652/1

Matrix: Water

Analysis Batch: 601652

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Suspended Solids	ND		1.0	1.0	mg/L			10/22/21 13:13	1

Lab Sample ID: LCS 480-601652/2

Matrix: Water

Analysis Batch: 601652

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
Total Suspended Solids	2890	2888		mg/L		100	88 - 110

Eurofins TestAmerica, Buffalo

QC Sample Results

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

Job ID: 480-191078-1

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-601452/1
Matrix: Water
Analysis Batch: 601452

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			10/21/21 13:23	1

Lab Sample ID: LCS 480-601452/2
Matrix: Water
Analysis Batch: 601452

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	436.0		mg/L		87	85 - 115



QC Association Summary

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

Job ID: 480-191078-1

GC/MS VOA

Analysis Batch: 601152

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-191078-2	EFFLUENT - GRAB 101821	Total/NA	Wastewater	8260C	
MB 480-601152/7	Method Blank	Total/NA	Water	8260C	
LCS 480-601152/5	Lab Control Sample	Total/NA	Water	8260C	

General Chemistry

Analysis Batch: 601452

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-191078-1	EFFLUENT - COMP 101821	Total/NA	Wastewater	SM2540 C	
MB 480-601452/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-601452/2	Lab Control Sample	Total/NA	Water	SM2540 C	

Analysis Batch: 601652

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-191078-1	EFFLUENT - COMP 101821	Total/NA	Wastewater	SM 2540D	
MB 480-601652/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-601652/2	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: 480-191078-1

Client Sample ID: EFFLUENT - COMP 101821

Lab Sample ID: 480-191078-1

Date Collected: 10/18/21 07:15

Matrix: Wastewater

Date Received: 10/19/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	601652	10/22/21 13:13	CSS	TAL BUF
Total/NA	Analysis	SM2540 C		1	601452	10/21/21 13:23	JGO	TAL BUF

Client Sample ID: EFFLUENT - GRAB 101821

Lab Sample ID: 480-191078-2

Date Collected: 10/18/21 07:15

Matrix: Wastewater

Date Received: 10/19/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	601152	10/20/21 19:21	CRL	TAL BUF

Laboratory References:

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



Accreditation/Certification Summary

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

Job ID: 480-191078-1

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		Wastewater	Total Dissolved Solids

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Method Summary

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

Job ID: 480-191078-1

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: 480-191078-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-191078-1	EFFLUENT - COMP 101821	Wastewater	10/18/21 07:15	10/19/21 08:00
480-191078-2	EFFLUENT - GRAB 101821	Wastewater	10/18/21 07:15	10/19/21 08:00

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Chain of Custody Record

Client Information				Lab PM: Joe Giacoma			
Client Contact: Mr. Yuri Veliz				Company: Syracuse			
Address: 333 West Washington St. PO BOX 4873				COC No.: 480-158097-10587.1			
City: East Syracuse				Page: Page 1 of 1			
State, Zip: NY, 13221				Job #: #225			
Phone: 315-956-6100 (Tel) 315-463-7554 (Fax)				Analysis Requested: 8260C - Volatile Organic Compounds			
Email: yuri.veliz@ramboll.com				Total Number of Containers: 3			
Project Name: Former Accurate Die Cast				Special Instructions/Note: 480-191078 Chain of Custody			
Site: New York				Preservation Codes: A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2SO4 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=wastelol, BT=tissue, A=air)	Field Filtered Sample (Yes or No)		Form MS/MSD (Yes or No)	2540D - Total Suspended Solids	2540C - Calcd - Total Dissolved Solids	8260C - Volatile Organic Compounds	Special Instructions/Note:
					Field Filtered Sample (Yes or No)	Form MS/MSD (Yes or No)					
Effluent 10/18/21	10-18-21	7:15	C	Water	X	X		11		3	
Effluent 10/18/21	10-18-21	7:15	G	W							

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

Empty Kit Relinquished by: _____ Date: _____

Relinquished by: **Yuri Veliz** Date: **10-18-21 12:05** Company: **CSB**

Relinquished by: **RK Eighlin** Date: **10-18-21 1905** Company: **CSB**

Relinquished by: _____ Date: _____ Company: _____

Custody Seals Intact: Yes No Custody Seal No.: **3.1 #1 JCF**

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



Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-191078-1

Login Number: 191078

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	3.1 #1 ICE
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
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	



ANALYTICAL REPORT

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

Laboratory Job ID: 480-191424-1
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:

11/10/2021 8:56:07 AM

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

Designee for

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

joe.giacomazza@testamericainc.com

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

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



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Definitions/Glossary

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

Job ID: 480-191424-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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: 480-191424-1

Job ID: 480-191424-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-191424-1

Comments

No additional comments.

Receipt

The sample was received on 10/26/2021 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 2.3° C.

General Chemistry

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

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Detection Summary

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

Job ID: 480-191424-1

Client Sample ID: EFFLUENT 102521

Lab Sample ID: 480-191424-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	625		10.0	4.0	mg/L	1		SM2540 C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

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Client Sample Results

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

Job ID: 480-191424-1

Client Sample ID: EFFLUENT 102521

Lab Sample ID: 480-191424-1

Date Collected: 10/25/21 07:00

Matrix: Water

Date Received: 10/26/21 08:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	625		10.0	4.0	mg/L			10/31/21 09:35	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			10/31/21 14:58	1

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QC Sample Results

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

Job ID: 480-191424-1

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

Lab Sample ID: MB 480-602794/1
 Matrix: Water
 Analysis Batch: 602794

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		4.0	4.0	mg/L			10/31/21 14:58	1

Lab Sample ID: LCS 480-602794/2
 Matrix: Water
 Analysis Batch: 602794

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	438	436.0		mg/L		100	88 - 110

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-602777/1
 Matrix: Water
 Analysis Batch: 602777

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			10/31/21 09:35	1

Lab Sample ID: LCS 480-602777/2
 Matrix: Water
 Analysis Batch: 602777

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	478.0		mg/L		95	85 - 115

QC Association Summary

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

Job ID: 480-191424-1

General Chemistry

Analysis Batch: 602777

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-191424-1	EFFLUENT 102521	Total/NA	Water	SM2540 C	
MB 480-602777/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-602777/2	Lab Control Sample	Total/NA	Water	SM2540 C	

Analysis Batch: 602794

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-191424-1	EFFLUENT 102521	Total/NA	Water	SM 2540D	
MB 480-602794/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-602794/2	Lab Control Sample	Total/NA	Water	SM 2540D	

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Lab Chronicle

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

Job ID: 480-191424-1

Client Sample ID: EFFLUENT 102521

Lab Sample ID: 480-191424-1

Date Collected: 10/25/21 07:00

Matrix: Water

Date Received: 10/26/21 08:00

<u>Prep Type</u>	<u>Batch Type</u>	<u>Batch Method</u>	<u>Run</u>	<u>Dilution Factor</u>	<u>Batch Number</u>	<u>Prepared or Analyzed</u>	<u>Analyst</u>	<u>Lab</u>
Total/NA	Analysis	SM 2540D		1	602794	10/31/21 14:58	JGO	TAL BUF
Total/NA	Analysis	SM2540 C		1	602777	10/31/21 09:35	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: 480-191424-1

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

- 1
- 2
- 3
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- 13
- 14

Method Summary

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

Job ID: 480-191424-1

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: 480-191424-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-191424-1	EFFLUENT 102521	Water	10/25/21 07:00	10/26/21 08:00

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Chain of Custody Record

Client Information		Lab PM: Giacomazza, Joe V		COC No: 480-158074-10586.1	
Sampler: Martin Koehncke		E-Mail: joe.giacomazza@testamericainc.com		Page: Page 1 of 1	
Phone: 315-739-1300		PWSID: #225		Job #:	
Company: O'Brien & Gere Inc of North America		Analysis Requested			
Address: 333 West Washington St. PO BOX 4873		Due Date Requested:		Preservation Codes:	
City: East Syracuse		TAT Requested (days):		A - HCL B - NaOH C - Zn Acetate D - NiInc Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:	
State, Zip: NY, 13221		Compliance Project: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2SO3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)	
Phone: 315-956-6100(Tel) 315-463-7554(Fax)		PO #: 1940002622		Total Number of containers	
Email: yuri.veliz@rambol.com		W/O #:		Special Instructions/Note:	
Project Name: Former Accurate Die Cast		Project #: 48008584			
Site: New York		SSOW#:			
Sample Identification		Sample Date		Field Filtered Sample (Yes or No)	
Effluent 102521		10-25-21 17:00		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Sample Type		Sample Time		Perform MS/MSD (Yes or No)	
C		17:00		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Matrix		Preservation Code:		2540C - Total Dissolved Solids	
Water		C		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Possible Hazard Identification		Sample Date		2540D - Total Suspended Solids	
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological		10-25-21		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Deliverable Requested: I, II, III, IV, Other (specify)		10-25-21		2540E - Total Suspended Solids	
Empty Kit Relinquished by:		Date:		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Relinquished by: Martin Koehncke		10-25-21/10:10		2540F - Total Suspended Solids	
Relinquished by: REEG LUK		10-25-21/18:05		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Relinquished by:		Date:		2540G - Total Suspended Solids	
Custody Seals Intact: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Date:		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Custody Seal No.:		Date:		2540H - Total Suspended Solids	
Cooler Temperature(s) °C and Other Remarks: 23°C		Date:		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Cooler Temperature(s) °C and Other Remarks:		Date:		2540I - Total Suspended Solids	
Cooler Temperature(s) °C and Other Remarks:		Date:		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Cooler Temperature(s) °C and Other Remarks:		Date:		2540J - Total Suspended Solids	
Cooler Temperature(s) °C and Other Remarks:		Date:		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Cooler Temperature(s) °C and Other Remarks:		Date:		2540K - Total Suspended Solids	
Cooler Temperature(s) °C and Other Remarks:		Date:		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Cooler Temperature(s) °C and Other Remarks:		Date:		2540L - Total Suspended Solids	
Cooler Temperature(s) °C and Other Remarks:		Date:		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Cooler Temperature(s) °C and Other Remarks:		Date:		2540M - Total Suspended Solids	
Cooler Temperature(s) °C and Other Remarks:		Date:		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Cooler Temperature(s) °C and Other Remarks:		Date:		2540N - Total Suspended Solids	
Cooler Temperature(s) °C and Other Remarks:		Date:		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Cooler Temperature(s) °C and Other Remarks:		Date:		2540O - Total Suspended Solids	
Cooler Temperature(s) °C and Other Remarks:		Date:		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Cooler Temperature(s) °C and Other Remarks:		Date:		2540P - Total Suspended Solids	
Cooler Temperature(s) °C and Other Remarks:		Date:		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Cooler Temperature(s) °C and Other Remarks:		Date:		2540Q - Total Suspended Solids	
Cooler Temperature(s) °C and Other Remarks:		Date:		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Cooler Temperature(s) °C and Other Remarks:		Date:		2540R - Total Suspended Solids	
Cooler Temperature(s) °C and Other Remarks:		Date:		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Cooler Temperature(s) °C and Other Remarks:		Date:		2540S - Total Suspended Solids	
Cooler Temperature(s) °C and Other Remarks:		Date:		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Cooler Temperature(s) °C and Other Remarks:		Date:		2540T - Total Suspended Solids	
Cooler Temperature(s) °C and Other Remarks:		Date:		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Cooler Temperature(s) °C and Other Remarks:		Date:		2540U - Total Suspended Solids	
Cooler Temperature(s) °C and Other Remarks:		Date:		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Cooler Temperature(s) °C and Other Remarks:		Date:		2540V - Total Suspended Solids	
Cooler Temperature(s) °C and Other Remarks:		Date:		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Cooler Temperature(s) °C and Other Remarks:		Date:		2540W - Total Suspended Solids	
Cooler Temperature(s) °C and Other Remarks:		Date:		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Cooler Temperature(s) °C and Other Remarks:		Date:		2540X - Total Suspended Solids	
Cooler Temperature(s) °C and Other Remarks:		Date:		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Cooler Temperature(s) °C and Other Remarks:		Date:		2540Y - Total Suspended Solids	
Cooler Temperature(s) °C and Other Remarks:		Date:		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Cooler Temperature(s) °C and Other Remarks:		Date:		2540Z - Total Suspended Solids	
Cooler Temperature(s) °C and Other Remarks:		Date:		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	



480-191424 Chain of Custody



Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-191424-1

Login Number: 191424

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	

ANALYTICAL REPORT

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

Laboratory Job ID: 480-191731-1
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:
11/12/2021 11:49:05 AM
Rebecca Jones, Project Management Assistant I
Rebecca.Jones@Eurofinset.com

Designee for

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

LINKS

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results through
TotalAccess

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www.eurofinsus.com/Env

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

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

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



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Definitions/Glossary

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

Job ID: 480-191731-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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: 480-191731-1

Job ID: 480-191731-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-191731-1

Comments

No additional comments.

Receipt

The samples were received on 11/2/2021 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 2.8° C.

GC/MS VOA

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

General Chemistry

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

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Detection Summary

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

Job ID: 480-191731-1

Client Sample ID: EFFLUENT - COMP 110121

Lab Sample ID: 480-191731-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	626		10.0	4.0	mg/L	1		SM2540 C	Total/NA

Client Sample ID: BETWEEN CARBONS 110121

Lab Sample ID: 480-191731-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	7.5		1.0	0.81	ug/L	1		8260C	Total/NA
Trichloroethene	35		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: EFFLUENT - GRAB 110121

Lab Sample ID: 480-191731-3

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-191731-1

Client Sample ID: EFFLUENT - COMP 110121

Lab Sample ID: 480-191731-1

Date Collected: 11/01/21 07:15

Matrix: Wastewater

Date Received: 11/02/21 08:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	626		10.0	4.0	mg/L			11/05/21 08:51	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			11/05/21 14:23	1

Client Sample ID: BETWEEN CARBONS 110121

Lab Sample ID: 480-191731-2

Date Collected: 11/01/21 07:15

Matrix: Wastewater

Date Received: 11/02/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/04/21 22:45	1
cis-1,2-Dichloroethene	7.5		1.0	0.81	ug/L			11/04/21 22:45	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/04/21 22:45	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/04/21 22:45	1
Toluene	ND		1.0	0.51	ug/L			11/04/21 22:45	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/04/21 22:45	1
Trichloroethene	35		1.0	0.46	ug/L			11/04/21 22:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120					11/04/21 22:45	1
4-Bromofluorobenzene (Surr)	100		73 - 120					11/04/21 22:45	1
Toluene-d8 (Surr)	99		80 - 120					11/04/21 22:45	1
Dibromofluoromethane (Surr)	99		75 - 123					11/04/21 22:45	1

Client Sample ID: EFFLUENT - GRAB 110121

Lab Sample ID: 480-191731-3

Date Collected: 11/01/21 07:15

Matrix: Wastewater

Date Received: 11/02/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/04/21 10:56	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/04/21 10:56	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/04/21 10:56	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/04/21 10:56	1
Toluene	ND		1.0	0.51	ug/L			11/04/21 10:56	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/04/21 10:56	1
Trichloroethene	ND		1.0	0.46	ug/L			11/04/21 10:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		77 - 120					11/04/21 10:56	1
4-Bromofluorobenzene (Surr)	96		73 - 120					11/04/21 10:56	1
Toluene-d8 (Surr)	99		80 - 120					11/04/21 10:56	1
Dibromofluoromethane (Surr)	95		75 - 123					11/04/21 10:56	1

Surrogate Summary

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

Job ID: 480-191731-1

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

Matrix: Wastewater

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (77-120)	BFB (73-120)	TOL (80-120)	DBFM (75-123)
480-191731-2	BETWEEN CARBONS 110121	102	100	99	99
480-191731-3	EFFLUENT - GRAB 110121	98	96	99	95

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

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (77-120)	BFB (73-120)	TOL (80-120)	DBFM (75-123)
LCS 480-603311/6	Lab Control Sample	98	96	98	100
LCS 480-603450/5	Lab Control Sample	106	99	97	100
MB 480-603311/8	Method Blank	100	96	97	100
MB 480-603450/7	Method Blank	105	95	102	107

Surrogate Legend

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

QC Sample Results

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

Job ID: 480-191731-1

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

Lab Sample ID: MB 480-603311/8

Matrix: Water

Analysis Batch: 603311

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/04/21 03:59	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/04/21 03:59	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/04/21 03:59	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/04/21 03:59	1
Toluene	ND		1.0	0.51	ug/L			11/04/21 03:59	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/04/21 03:59	1
Trichloroethene	ND		1.0	0.46	ug/L			11/04/21 03:59	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		11/04/21 03:59	1
4-Bromofluorobenzene (Surr)	96		73 - 120		11/04/21 03:59	1
Toluene-d8 (Surr)	97		80 - 120		11/04/21 03:59	1
Dibromofluoromethane (Surr)	100		75 - 123		11/04/21 03:59	1

Lab Sample ID: LCS 480-603311/6

Matrix: Water

Analysis Batch: 603311

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
1,1,2,2-Tetrachloroethane	25.0	24.4		ug/L		97	76 - 120
cis-1,2-Dichloroethene	25.0	22.0		ug/L		88	74 - 124
Methylene Chloride	25.0	23.8		ug/L		95	75 - 124
Tetrachloroethene	25.0	22.3		ug/L		89	74 - 122
Toluene	25.0	23.6		ug/L		94	80 - 122
trans-1,2-Dichloroethene	25.0	22.0		ug/L		88	73 - 127
Trichloroethene	25.0	23.8		ug/L		95	74 - 123

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	98		77 - 120
4-Bromofluorobenzene (Surr)	96		73 - 120
Toluene-d8 (Surr)	98		80 - 120
Dibromofluoromethane (Surr)	100		75 - 123

Lab Sample ID: MB 480-603450/7

Matrix: Water

Analysis Batch: 603450

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/04/21 15:54	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/04/21 15:54	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/04/21 15:54	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/04/21 15:54	1
Toluene	ND		1.0	0.51	ug/L			11/04/21 15:54	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/04/21 15:54	1
Trichloroethene	ND		1.0	0.46	ug/L			11/04/21 15:54	1

QC Sample Results

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

Job ID: 480-191731-1

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

Lab Sample ID: MB 480-603450/7
Matrix: Water
Analysis Batch: 603450

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

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		11/04/21 15:54	1
4-Bromofluorobenzene (Surr)	95		73 - 120		11/04/21 15:54	1
Toluene-d8 (Surr)	102		80 - 120		11/04/21 15:54	1
Dibromofluoromethane (Surr)	107		75 - 123		11/04/21 15:54	1

Lab Sample ID: LCS 480-603450/5
Matrix: Water
Analysis Batch: 603450

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,2-Dichloroethene	25.0	25.7		ug/L		103	74 - 124
Methylene Chloride	25.0	27.3		ug/L		109	75 - 124
Tetrachloroethene	25.0	27.3		ug/L		109	74 - 122
Toluene	25.0	26.8		ug/L		107	80 - 122
trans-1,2-Dichloroethene	25.0	26.8		ug/L		107	73 - 127
Trichloroethene	25.0	27.4		ug/L		109	74 - 123

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	106		77 - 120
4-Bromofluorobenzene (Surr)	99		73 - 120
Toluene-d8 (Surr)	97		80 - 120
Dibromofluoromethane (Surr)	100		75 - 123

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

Lab Sample ID: MB 480-603660/1
Matrix: Water
Analysis Batch: 603660

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

Analyte	MB MB		RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Suspended Solids	ND		1.0	1.0	mg/L			11/05/21 14:23	1

Lab Sample ID: LCS 480-603660/2
Matrix: Water
Analysis Batch: 603660

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

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

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-603578/1
Matrix: Water
Analysis Batch: 603578

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

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Dissolved Solids	ND		10.0	4.0	mg/L			11/05/21 08:51	1

QC Sample Results

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

Job ID: 480-191731-1

Method: SM2540 C - Total Dissolved Solids (Continued)

Lab Sample ID: LCS 480-603578/2

Matrix: Water

Analysis Batch: 603578

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	507.0		mg/L		101	85 - 115

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QC Association Summary

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

Job ID: 480-191731-1

GC/MS VOA

Analysis Batch: 603311

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-191731-3	EFFLUENT - GRAB 110121	Total/NA	Wastewater	8260C	
MB 480-603311/8	Method Blank	Total/NA	Water	8260C	
LCS 480-603311/6	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 603450

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-191731-2	BETWEEN CARBONS 110121	Total/NA	Wastewater	8260C	
MB 480-603450/7	Method Blank	Total/NA	Water	8260C	
LCS 480-603450/5	Lab Control Sample	Total/NA	Water	8260C	

General Chemistry

Analysis Batch: 603578

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-191731-1	EFFLUENT - COMP 110121	Total/NA	Wastewater	SM2540 C	
MB 480-603578/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-603578/2	Lab Control Sample	Total/NA	Water	SM2540 C	

Analysis Batch: 603660

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-191731-1	EFFLUENT - COMP 110121	Total/NA	Wastewater	SM 2540D	
MB 480-603660/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-603660/2	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: 480-191731-1

Client Sample ID: EFFLUENT - COMP 110121

Lab Sample ID: 480-191731-1

Date Collected: 11/01/21 07:15

Matrix: Wastewater

Date Received: 11/02/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	603660	11/05/21 14:23	EJL	TAL BUF
Total/NA	Analysis	SM2540 C		1	603578	11/05/21 08:51	EJL	TAL BUF

Client Sample ID: BETWEEN CARBONS 110121

Lab Sample ID: 480-191731-2

Date Collected: 11/01/21 07:15

Matrix: Wastewater

Date Received: 11/02/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	603450	11/04/21 22:45	CRL	TAL BUF

Client Sample ID: EFFLUENT - GRAB 110121

Lab Sample ID: 480-191731-3

Date Collected: 11/01/21 07:15

Matrix: Wastewater

Date Received: 11/02/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	603311	11/04/21 10:56	ATG	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: 480-191731-1

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		Wastewater	Total Dissolved Solids

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- 14
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Method Summary

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

Job ID: 480-191731-1

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: 480-191731-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-191731-1	EFFLUENT - COMP 110121	Wastewater	11/01/21 07:15	11/02/21 08:00
480-191731-2	BETWEEN CARBONS 110121	Wastewater	11/01/21 07:15	11/02/21 08:00
480-191731-3	EFFLUENT - GRAB 110121	Wastewater	11/01/21 07:15	11/02/21 08:00

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Chain of Custody Record

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


Syracuse

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

Lab PM: Giacomazza, Joe V
E-Mail: joe.giacomazza@testamericainc.com

Sampler: Martin Kocwiczka
Phone: 315-749-1300
 PWSID:

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

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wastewater)	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:
Effluent 110121	11-1-21	7:15	C	Water	X	X	1	1		2	
Between Carbons 110121	11-1-21	7:15	G	Water			3	3		3	
Effluent 110121	11-1-21	7:15	G	Water			3	3		3	
											

Possible Hazard Identification
 Non-Hazard Flammable Skin Irritant
 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

480-191731 Chain of Custody

Empty Kit Relinquished by: _____ Date: _____
 Relinquished by: _____ Date/Time: 11-1-21 / 10:05
 Relinquished by: _____ Date/Time: _____
 Relinquished by: _____ Date/Time: _____

Custody Seals Intact: Δ Yes Δ No
 Custody Seal No.: _____
 Cooler Temperature(s) °C and Other Remarks: 28 #1

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-191731-1

Login Number: 191731

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	

ANALYTICAL REPORT

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

Laboratory Job ID: 480-192253-1
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:
11/29/2021 10:37:23 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

LINKS

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results through
TotalAccess

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Visit us at:
www.eurofinsus.com/Env

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

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

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



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Definitions/Glossary

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

Job ID: 480-192253-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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: 480-192253-1

Job ID: 480-192253-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

**Job Narrative
480-192253-1**

Comments

No additional comments.

Receipt

The sample was received on 11/12/2021 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 2.4° C.

General Chemistry

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

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Detection Summary

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

Job ID: 480-192253-1

Client Sample ID: EFFLUENT

Lab Sample ID: 480-192253-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	590		10.0	4.0	mg/L	1		SM2540 C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo



Client Sample Results

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

Job ID: 480-192253-1

Client Sample ID: EFFLUENT

Lab Sample ID: 480-192253-1

Date Collected: 11/11/21 07:00

Matrix: Wastewater

Date Received: 11/12/21 08:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	590		10.0	4.0	mg/L			11/18/21 09:46	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			11/13/21 21:45	1

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QC Sample Results

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

Job ID: 480-192253-1

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

Lab Sample ID: MB 480-604837/1
 Matrix: Water
 Analysis Batch: 604837

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			11/13/21 21:45	1

Lab Sample ID: LCS 480-604837/2
 Matrix: Water
 Analysis Batch: 604837

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	2810	2800		mg/L		100	88 - 110

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-605550/1
 Matrix: Water
 Analysis Batch: 605550

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			11/18/21 09:46	1

Lab Sample ID: LCS 480-605550/2
 Matrix: Water
 Analysis Batch: 605550

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	500.0		mg/L		100	85 - 115

QC Association Summary

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

Job ID: 480-192253-1

General Chemistry

Analysis Batch: 604837

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-192253-1	EFFLUENT	Total/NA	Wastewater	SM 2540D	
MB 480-604837/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-604837/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 605550

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-192253-1	EFFLUENT	Total/NA	Wastewater	SM2540 C	
MB 480-605550/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-605550/2	Lab Control Sample	Total/NA	Water	SM2540 C	

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Lab Chronicle

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

Job ID: 480-192253-1

Client Sample ID: EFFLUENT

Lab Sample ID: 480-192253-1

Date Collected: 11/11/21 07:00

Matrix: Wastewater

Date Received: 11/12/21 08:00

<u>Prep Type</u>	<u>Batch Type</u>	<u>Batch Method</u>	<u>Run</u>	<u>Dilution Factor</u>	<u>Batch Number</u>	<u>Prepared or Analyzed</u>	<u>Analyst</u>	<u>Lab</u>
Total/NA	Analysis	SM 2540D		1	604837	11/13/21 21:45	CSS	TAL BUF
Total/NA	Analysis	SM2540 C		1	605550	11/18/21 09:46	EJL	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: 480-192253-1

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		Wastewater	Total Dissolved Solids

- 1
- 2
- 3
- 4
- 5
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Method Summary

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

Job ID: 480-192253-1

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: 480-192253-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-192253-1	EFFLUENT	Wastewater	11/11/21 07:00	11/12/21 08:00

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Chain of Custody Record

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			Lab PM Lab PM: Giacomozza, Joe V E-Mail: joe.giacomozza@testamentainc.com State of Origin: Carrier Tracking No(s): COC No: 480-158072-10586.1 Page: Page 1 of 1 Job #:		
Due Date Requested: TAT Requested (days): Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No PO #: 1940002622 WO #: Project #: 48008584 SSOW #:			Analysis Requested Field Filtered Sample (Yes or No) <input checked="" type="checkbox"/> Form MS/MSD (Yes or No) <input checked="" type="checkbox"/> 240D - Total Suspended Solids N 240C - Total Dissolved Solids N Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 Barcode: 480-192253 Chain of Custody		
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, B=solid, O=wastewater, BT=tissue, A=air)	Preservation Code:
Effluent 11/12/21	11-11-21	7:00	C	Water	
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological Deliverable Requested: I, II, III, IV, Other (specify)					
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months					
Special Instructions/QC Requirements:					
Empty Kit Relinquished by:			Date:		
Relinquished by: <i>Michelle Hernandez</i>			Date/Time: 11-11-21 / 9:25		
Relinquished by: <i>Joe Veliz</i>			Date/Time: 11/12/21 1900		
Relinquished by:			Date/Time:		
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No			Custody Seal No.:		
			# 1 2, 4		

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-192253-1

Login Number: 192253

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Wallace, Cameron

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

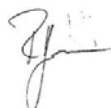
ANALYTICAL REPORT

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

Laboratory Job ID: 480-192577-1
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:
12/3/2021 10:58:50 AM
Rebecca Jones, Project Management Assistant I
Rebecca.Jones@Eurofinset.com
Designee for
Joe Giacomazza, Project Manager I
(716)691-2600
joe.giacomazza@testamericainc.com

LINKS

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results through
TotalAccess

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www.eurofinsus.com/Env

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

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

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



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Definitions/Glossary

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

Job ID: 480-192577-1

Qualifiers

General Chemistry

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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: 480-192577-1

Job ID: 480-192577-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-192577-1

Comments

No additional comments.

Receipt

The samples were received on 11/18/2021 8:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.9° C.

GC/MS VOA

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-606097 recovered above the upper control limit for Trichloroethene. 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 111721 - GRAB (480-192577-2).

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: 480-192577-1

Client Sample ID: EFFLUENT 111721 - COMP

Lab Sample ID: 480-192577-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	644	B	10.0	4.0	mg/L	1		SM2540 C	Total/NA

Client Sample ID: EFFLUENT 111721 - GRAB

Lab Sample ID: 480-192577-2

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo



Client Sample Results

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

Job ID: 480-192577-1

Client Sample ID: EFFLUENT 111721 - COMP

Lab Sample ID: 480-192577-1

Date Collected: 11/17/21 11:15

Matrix: Wastewater

Date Received: 11/18/21 08:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	644	B	10.0	4.0	mg/L			11/23/21 14:47	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			11/24/21 10:38	1

Client Sample ID: EFFLUENT 111721 - GRAB

Lab Sample ID: 480-192577-2

Date Collected: 11/17/21 11:15

Matrix: Wastewater

Date Received: 11/18/21 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			11/23/21 06:35	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/23/21 06:35	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/23/21 06:35	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/23/21 06:35	1
Toluene	ND		1.0	0.51	ug/L			11/23/21 06:35	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/23/21 06:35	1
Trichloroethene	ND		1.0	0.46	ug/L			11/23/21 06:35	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120					11/23/21 06:35	1
4-Bromofluorobenzene (Surr)	104		73 - 120					11/23/21 06:35	1
Toluene-d8 (Surr)	95		80 - 120					11/23/21 06:35	1
Dibromofluoromethane (Surr)	109		75 - 123					11/23/21 06:35	1

Surrogate Summary

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

Job ID: 480-192577-1

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

Matrix: Wastewater

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (77-120)	BFB (73-120)	TOL (80-120)	DBFM (75-123)
480-192577-2	EFFLUENT 111721 - GRAB	103	104	95	109

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

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (77-120)	BFB (73-120)	TOL (80-120)	DBFM (75-123)
LCS 480-606097/6	Lab Control Sample	101	105	96	109
MB 480-606097/8	Method Blank	104	104	98	112

Surrogate Legend

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

QC Sample Results

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

Job ID: 480-192577-1

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

Lab Sample ID: MB 480-606097/8
Matrix: Water
Analysis Batch: 606097

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			11/23/21 03:08	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/23/21 03:08	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/23/21 03:08	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/23/21 03:08	1
Toluene	ND		1.0	0.51	ug/L			11/23/21 03:08	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/23/21 03:08	1
Trichloroethene	ND		1.0	0.46	ug/L			11/23/21 03:08	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		11/23/21 03:08	1
4-Bromofluorobenzene (Surr)	104		73 - 120		11/23/21 03:08	1
Toluene-d8 (Surr)	98		80 - 120		11/23/21 03:08	1
Dibromofluoromethane (Surr)	112		75 - 123		11/23/21 03:08	1

Lab Sample ID: LCS 480-606097/6
Matrix: Water
Analysis Batch: 606097

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

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
1,1,2,2-Tetrachloroethane	25.0	22.4		ug/L		90	76 - 120
cis-1,2-Dichloroethene	25.0	25.8		ug/L		103	74 - 124
Methylene Chloride	25.0	27.8		ug/L		111	75 - 124
Tetrachloroethene	25.0	26.3		ug/L		105	74 - 122
Toluene	25.0	25.5		ug/L		102	80 - 122
trans-1,2-Dichloroethene	25.0	26.0		ug/L		104	73 - 127
Trichloroethene	25.0	28.1		ug/L		112	74 - 123

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	101		77 - 120
4-Bromofluorobenzene (Surr)	105		73 - 120
Toluene-d8 (Surr)	96		80 - 120
Dibromofluoromethane (Surr)	109		75 - 123

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

Lab Sample ID: MB 480-606487/1
Matrix: Water
Analysis Batch: 606487

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

Analyte	MB	MB	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Suspended Solids	ND		1.0	1.0	mg/L			11/24/21 10:38	1

Lab Sample ID: LCS 480-606487/2
Matrix: Water
Analysis Batch: 606487

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

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
Total Suspended Solids	384	363.2		mg/L		94	88 - 110

Eurofins TestAmerica, Buffalo

QC Sample Results

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

Job ID: 480-192577-1

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-606301/1
Matrix: Water
Analysis Batch: 606301

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	4.00	J	10.0	4.0	mg/L			11/23/21 14:47	1

Lab Sample ID: LCS 480-606301/2
Matrix: Water
Analysis Batch: 606301

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	531.0		mg/L		106	85 - 115



QC Association Summary

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

Job ID: 480-192577-1

GC/MS VOA

Analysis Batch: 606097

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-192577-2	EFFLUENT 111721 - GRAB	Total/NA	Wastewater	8260C	
MB 480-606097/8	Method Blank	Total/NA	Water	8260C	
LCS 480-606097/6	Lab Control Sample	Total/NA	Water	8260C	

General Chemistry

Analysis Batch: 606301

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-192577-1	EFFLUENT 111721 - COMP	Total/NA	Wastewater	SM2540 C	
MB 480-606301/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-606301/2	Lab Control Sample	Total/NA	Water	SM2540 C	

Analysis Batch: 606487

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-192577-1	EFFLUENT 111721 - COMP	Total/NA	Wastewater	SM 2540D	
MB 480-606487/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-606487/2	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: 480-192577-1

Client Sample ID: EFFLUENT 111721 - COMP

Lab Sample ID: 480-192577-1

Date Collected: 11/17/21 11:15

Matrix: Wastewater

Date Received: 11/18/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	606487	11/24/21 10:38	JGO	TAL BUF
Total/NA	Analysis	SM2540 C		1	606301	11/23/21 14:47	EJL	TAL BUF

Client Sample ID: EFFLUENT 111721 - GRAB

Lab Sample ID: 480-192577-2

Date Collected: 11/17/21 11:15

Matrix: Wastewater

Date Received: 11/18/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	606097	11/23/21 06:35	ATG	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: 480-192577-1

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		Wastewater	Total Dissolved Solids

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Method Summary

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

Job ID: 480-192577-1

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: 480-192577-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-192577-1	EFFLUENT 111721 - COMP	Wastewater	11/17/21 11:15	11/18/21 08:00
480-192577-2	EFFLUENT 111721 - GRAB	Wastewater	11/17/21 11:15	11/18/21 08:00

1

2

3

4

5

6

7

8

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15

Chain of Custody Record

Client Information		Lab PM: Giacomazza, Joe V		COC No: 480-158099-10587.1	
Client Contact: Mr. Yuri Veliz		E-Mail: joe.giacomazza@testamericainc.com		Page: Page 1 of 1	
Company: O'Brien & Gere Inc of North America		Address: 333 West Washington St. PO BOX 4873		Job #: 	
City: East Syracuse		State: NY, 13221		Analysis Requested: 	
Phone: 315-956-6100(Tel) 315-463-7554(Fax)		Compliance Project: Δ Yes Δ No		Preservation Codes: 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)	
PO #: 1940002622		Project #: 48008584		Other: 	
WO #: 		SSOW#: 		Total Number of Containers: 2	
Project Name: Former Accurate Die Cast		Site: New York		Special Instructions/Note: 	
Due Date Requested: 		TAT Requested (days): 		Special Instructions/Note: 	
Sample Identification		Sample Date		Sample Time	
Effluent 1117a1		11-17-21		11:15	
Effluent 1117a1		11-17-21		11:15	
Sample Type (C=Comp, G=grab)		Sample Time		Matrix (W=water, S=solid, O=wasteoil, BT=tissue, A=air)	
C		11:15		Water	
G		11:15		water	
Field Filtered Sample (Yes or No)		Form MSMSD (Yes or No)		2540D - Total Suspended Solids	
X		X		N	
8260C - Volatile Organic Compounds		2540C - Calcd - Total Dissolved Solids		N	
N		A		1	
3		3		3	
Barcode: 480-192577 Chain of Custody					
Possible Hazard Identification		Date: 11-17-21		Time: 14:20	
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological		Relinquished by: Monte Kambur		Company: OBG	
Deliverable Requested: I, II, III, IV, Other (specify)		Relinquished by: Reynolds		Company: syn	
Empty Kit Relinquished by:		Relinquished by: Reynolds		Company: syn	
Date: 11-17-21		Date: 11-17-21		Date: 11-17-21	
Time: 14:20		Time: 14:20		Time: 14:20	
Custody Seal No. 29 #1		Cooler Temperature(s) °C and Other Remarks: 		Company: TH	

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-192577-1

Login Number: 192577

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	2.9 #1 ICE
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	True	



ANALYTICAL REPORT

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

Laboratory Job ID: 480-192775-1
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:
12/2/2021 1:35:09 PM
Rebecca Jones, Project Management Assistant I
Rebecca.Jones@Eurofinset.com
Designee for
Joe Giacomazza, Project Manager I
(716)691-2600
joe.giacomazza@testamericainc.com

LINKS

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results through
TotalAccess

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www.eurofinsus.com/Env

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

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

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



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Sample Summary	12
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Definitions/Glossary

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

Job ID: 480-192775-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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: 480-192775-1

Job ID: 480-192775-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

**Job Narrative
480-192775-1**

Comments

No additional comments.

Receipt

The sample was received on 11/23/2021 10:30 AM. Unless otherwise noted below, the sample arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.2° C.

General Chemistry

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

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Detection Summary

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

Job ID: 480-192775-1

Client Sample ID: EFFLUENT 112221

Lab Sample ID: 480-192775-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	585		10.0	4.0	mg/L	1		SM2540 C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

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Client Sample Results

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

Job ID: 480-192775-1

Client Sample ID: EFFLUENT 112221

Lab Sample ID: 480-192775-1

Date Collected: 11/22/21 07:15

Matrix: Wastewater

Date Received: 11/23/21 10:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	585		10.0	4.0	mg/L			11/26/21 09:17	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			11/26/21 14:29	1

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QC Sample Results

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

Job ID: 480-192775-1

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

Lab Sample ID: MB 480-606689/1
 Matrix: Water
 Analysis Batch: 606689

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			11/26/21 14:29	1

Lab Sample ID: LCS 480-606689/2
 Matrix: Water
 Analysis Batch: 606689

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	354	351.6		mg/L		99	88 - 110

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-606635/1
 Matrix: Water
 Analysis Batch: 606635

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			11/26/21 09:17	1

Lab Sample ID: LCS 480-606635/2
 Matrix: Water
 Analysis Batch: 606635

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	458.0		mg/L		91	85 - 115

QC Association Summary

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

Job ID: 480-192775-1

General Chemistry

Analysis Batch: 606635

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-192775-1	EFFLUENT 112221	Total/NA	Wastewater	SM2540 C	
MB 480-606635/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-606635/2	Lab Control Sample	Total/NA	Water	SM2540 C	

Analysis Batch: 606689

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-192775-1	EFFLUENT 112221	Total/NA	Wastewater	SM 2540D	
MB 480-606689/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-606689/2	Lab Control Sample	Total/NA	Water	SM 2540D	

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Lab Chronicle

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

Job ID: 480-192775-1

Client Sample ID: EFFLUENT 112221

Lab Sample ID: 480-192775-1

Date Collected: 11/22/21 07:15

Matrix: Wastewater

Date Received: 11/23/21 10:30

<u>Prep Type</u>	<u>Batch Type</u>	<u>Batch Method</u>	<u>Run</u>	<u>Dilution Factor</u>	<u>Batch Number</u>	<u>Prepared or Analyzed</u>	<u>Analyst</u>	<u>Lab</u>
Total/NA	Analysis	SM 2540D		1	606689	11/26/21 14:29	EJL	TAL BUF
Total/NA	Analysis	SM2540 C		1	606635	11/26/21 09:17	EJL	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: 480-192775-1

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		Wastewater	Total Dissolved Solids

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
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- 10
- 11
- 12
- 13
- 14

Method Summary

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

Job ID: 480-192775-1

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: 480-192775-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-192775-1	EFFLUENT 112221	Wastewater	11/22/21 07:15	11/23/21 10:30

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Chain of Custody Record

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		Lab PM: Giacomoza, Joe V E-Mail: joe.giacomazza@testamericainc.com PWSID:		Sampling Location: <u>Master Koornicks</u> Phone: <u>315-729-1300</u> State of Origin: <u>NY</u> Analysis Requested: <u>#225</u>		COC No.: 480-158072-10586.1 Page: Page 1 of 1 Job #:	
Due Date Requested: TAT Requested (days): Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No PO #: 1940002622 WO #:		Field Filtered Sample (Yes or No) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Perform MS/MSD (Yes or No) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No 2540D - Total Suspended Solids <input type="checkbox"/> N <input type="checkbox"/> N 2540C - Calcd - Total Dissolved Solids <input type="checkbox"/> N <input type="checkbox"/> N		Total Number of Containers: <u>2</u> Special Instructions/Note: 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 Other:		Preservation Codes: M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2SO4 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)	
Sample Identification Effluent <u>112221</u> Sample Date: <u>11-22-21 7:15</u> Sample Time: <u>7:15</u> Sample Type (C=Comp, G=grab): <u>C</u> Matrix (W=water, S=solid, O=waste/soil, BT=tissue, Ash): <u>Water</u>		Sample Date: <u>11-22-21 7:15</u> Sample Time: <u>7:15</u> Sample Type (C=Comp, G=grab): <u>C</u> Matrix (W=water, S=solid, O=waste/soil, BT=tissue, Ash): <u>Water</u>		Special Instructions/Note: 480-192775 Chain of Custody		Barcode: 	
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological Deliverable Requested: I, II, III, IV, Other (specify)		Date: <u>11-22-21 9:40</u> Date/Time: <u>11-22-21 1900</u> Date/Time:		Date: <u>11-22-21 1940</u> Date/Time: <u>11-23-21 1030</u> Date/Time:		Company: <u>OGG</u> Company: <u>Syn</u> Company:	
Empty Kit Relinquished by:		Relinquished by: <u>Yuri Veliz</u> Relinquished by: <u>REK/PLH</u> Relinquished by:		Relinquished by: <u>REK/PLH</u> Relinquished by: <u>Syn</u> Relinquished by:		Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No Custody Seal No.:	
Cooler Temperature(s) °C and Other Remarks: <u>2.2 #1</u>		Cooler Temperature(s) °C and Other Remarks:		Cooler Temperature(s) °C and Other Remarks:		Cooler Temperature(s) °C and Other Remarks:	

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-192775-1

Login Number: 192775

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	2.2 #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	



ANALYTICAL REPORT

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

Laboratory Job ID: 480-192865-1
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:
12/13/2021 11:23:50 AM
Rebecca Jones, Project Management Assistant I
Rebecca.Jones@Eurofinset.com

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

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

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



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QC Association Summary	8
Lab Chronicle	9
Certification Summary	10
Method Summary	11
Sample Summary	12
Chain of Custody	13
Receipt Checklists	14

Definitions/Glossary

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

Job ID: 480-192865-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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: 480-192865-1

Job ID: 480-192865-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

**Job Narrative
480-192865-1**

Comments

No additional comments.

Receipt

The sample was received on 11/30/2021 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 2.1° C.

General Chemistry

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

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Detection Summary

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

Job ID: 480-192865-1

Client Sample ID: EFFLUENT 112921

Lab Sample ID: 480-192865-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	603		10.0	4.0	mg/L	1		SM2540 C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

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- 13
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Client Sample Results

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

Job ID: 480-192865-1

Client Sample ID: EFFLUENT 112921

Lab Sample ID: 480-192865-1

Date Collected: 11/29/21 07:00

Matrix: Water

Date Received: 11/30/21 08:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	603		10.0	4.0	mg/L			12/03/21 08:21	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			12/01/21 14:23	1

- 1
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- 12
- 13
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QC Sample Results

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

Job ID: 480-192865-1

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

Lab Sample ID: MB 480-607262/1
 Matrix: Water
 Analysis Batch: 607262

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			12/01/21 14:23	1

Lab Sample ID: LCS 480-607262/2
 Matrix: Water
 Analysis Batch: 607262

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	332	330.0		mg/L		99	88 - 110

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-607471/1
 Matrix: Water
 Analysis Batch: 607471

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			12/03/21 08:21	1

Lab Sample ID: LCS 480-607471/2
 Matrix: Water
 Analysis Batch: 607471

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	478.0		mg/L		95	85 - 115

QC Association Summary

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

Job ID: 480-192865-1

General Chemistry

Analysis Batch: 607262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-192865-1	EFFLUENT 112921	Total/NA	Water	SM 2540D	
MB 480-607262/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-607262/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 607471

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-192865-1	EFFLUENT 112921	Total/NA	Water	SM2540 C	
MB 480-607471/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-607471/2	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: 480-192865-1

Client Sample ID: EFFLUENT 112921

Lab Sample ID: 480-192865-1

Date Collected: 11/29/21 07:00

Matrix: Water

Date Received: 11/30/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	607262	12/01/21 14:23	EJL	TAL BUF
Total/NA	Analysis	SM2540 C		1	607471	12/03/21 08:21	EJL	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: 480-192865-1

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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

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

Job ID: 480-192865-1

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: 480-192865-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-192865-1	EFFLUENT 112921	Water	11/29/21 07:00	11/30/21 08:00

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Chain of Custody Record

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 KREWEK*
 Lab PM: Giacomoza, Joe V
 Phone: 315-739-1300
 E-Mail: joe.giacomazza@testamerica.com

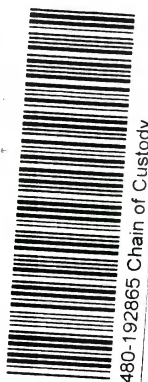
Analysis Requested

Due Date Requested: _____
 TAT Requested (days): _____
 Compliance Project: Yes No
 PO #: 1940002622
 WO #: _____
 Project #: 48006584
 SOW #: _____

Sample Identification

Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Water, Swastill, On-water, BT-tissue, A=Air)
11-29-21	7:00	C	Water

Perform MS/MSD (Yes or No)	Field Filtered Sample (Yes or No)	2540D - Total Suspended Solids	2540C, Calcd - Total Dissolved Solids	Total Number of Containers	Special Instructions/Note:
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	N	N	2	



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

Empty Kit Relinquished by: _____ Date: _____
Relinquished by: *Yuri Veliz* Date/Time: 11-29-21 / 11:00 Company: *OBGE*
Relinquished by: *R. Berglich* Date/Time: 11-29-21, 1900 Company: _____
 Relinquished by: _____ Date/Time: _____ Company: _____
 Cooler Temperature(s) °C and Other Remarks: *21.1°C*

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-192865-1

Login Number: 192865

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	

ANALYTICAL REPORT

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

Laboratory Job ID: 480-193101-1
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:
12/16/2021 8:27:33 AM
Rebecca Jones, Project Management Assistant I
Rebecca.Jones@Eurofinset.com

Designee for

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

LINKS

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

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

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



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Definitions/Glossary

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

Job ID: 480-193101-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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: 480-193101-1

Job ID: 480-193101-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-193101-1

Comments

No additional comments.

Receipt

The samples were received on 12/7/2021 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 1.7° C.

GC/MS VOA

Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: INFLUENT GRAB 120621 (480-193101-4). 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: 480-193101-1

Client Sample ID: EFFLUENT COMP 120621

Lab Sample ID: 480-193101-1

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Total Suspended Solids	284		4.0	4.0	mg/L	1		SM 2540D	Total/NA
Total Dissolved Solids	633		10.0	4.0	mg/L	1		SM2540 C	Total/NA

Client Sample ID: BETWEEN CARBONS 120621

Lab Sample ID: 480-193101-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	6.3		1.0	0.81	ug/L	1		8260C	Total/NA
Trichloroethene	88		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: INFLUENT COMP 120621

Lab Sample ID: 480-193101-3

No Detections.

Client Sample ID: INFLUENT GRAB 120621

Lab Sample ID: 480-193101-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	360		8.0	3.7	ug/L	8		8260C	Total/NA

Client Sample ID: EFFLUENT GRAB 120621

Lab Sample ID: 480-193101-5

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-193101-1

Client Sample ID: EFFLUENT COMP 120621

Lab Sample ID: 480-193101-1

Date Collected: 12/06/21 07:15

Matrix: Water

Date Received: 12/07/21 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		12/08/21 12:15	12/08/21 21:12	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		12/09/21 13:44	12/09/21 16:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	633		10.0	4.0	mg/L			12/09/21 08:56	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	284		4.0	4.0	mg/L			12/08/21 13:47	1

Client Sample ID: BETWEEN CARBONS 120621

Lab Sample ID: 480-193101-2

Date Collected: 12/06/21 07:15

Matrix: Water

Date Received: 12/07/21 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			12/07/21 16:13	1
cis-1,2-Dichloroethene	6.3		1.0	0.81	ug/L			12/07/21 16:13	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/07/21 16:13	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/07/21 16:13	1
Toluene	ND		1.0	0.51	ug/L			12/07/21 16:13	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/07/21 16:13	1
Trichloroethene	88		1.0	0.46	ug/L			12/07/21 16:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		77 - 120		12/07/21 16:13	1
4-Bromofluorobenzene (Surr)	99		73 - 120		12/07/21 16:13	1
Toluene-d8 (Surr)	100		80 - 120		12/07/21 16:13	1
Dibromofluoromethane (Surr)	106		75 - 123		12/07/21 16:13	1

Client Sample ID: INFLUENT COMP 120621

Lab Sample ID: 480-193101-3

Date Collected: 12/06/21 07:15

Matrix: Water

Date Received: 12/07/21 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		12/08/21 12:15	12/08/21 21:16	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		12/09/21 13:44	12/09/21 17:03	1

Client Sample ID: INFLUENT GRAB 120621

Lab Sample ID: 480-193101-4

Date Collected: 12/06/21 07:15

Matrix: Water

Date Received: 12/07/21 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		8.0	1.7	ug/L			12/07/21 16:36	8
cis-1,2-Dichloroethene	ND		8.0	6.5	ug/L			12/07/21 16:36	8

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-193101-1

Client Sample ID: INFLUENT GRAB 120621

Lab Sample ID: 480-193101-4

Date Collected: 12/06/21 07:15

Matrix: Water

Date Received: 12/07/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		8.0	3.5	ug/L			12/07/21 16:36	8
Tetrachloroethene	ND		8.0	2.9	ug/L			12/07/21 16:36	8
Toluene	ND		8.0	4.1	ug/L			12/07/21 16:36	8
trans-1,2-Dichloroethene	ND		8.0	7.2	ug/L			12/07/21 16:36	8
Trichloroethene	360		8.0	3.7	ug/L			12/07/21 16:36	8

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		77 - 120		12/07/21 16:36	8
4-Bromofluorobenzene (Surr)	98		73 - 120		12/07/21 16:36	8
Toluene-d8 (Surr)	100		80 - 120		12/07/21 16:36	8
Dibromofluoromethane (Surr)	101		75 - 123		12/07/21 16:36	8

Client Sample ID: EFFLUENT GRAB 120621

Lab Sample ID: 480-193101-5

Date Collected: 12/06/21 07:15

Matrix: Water

Date Received: 12/07/21 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			12/07/21 16:59	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/07/21 16:59	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/07/21 16:59	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/07/21 16:59	1
Toluene	ND		1.0	0.51	ug/L			12/07/21 16:59	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/07/21 16:59	1
Trichloroethene	ND		1.0	0.46	ug/L			12/07/21 16:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		77 - 120		12/07/21 16:59	1
4-Bromofluorobenzene (Surr)	99		73 - 120		12/07/21 16:59	1
Toluene-d8 (Surr)	98		80 - 120		12/07/21 16:59	1
Dibromofluoromethane (Surr)	101		75 - 123		12/07/21 16:59	1

Surrogate Summary

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

Job ID: 480-193101-1

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCA	BFB	TOL	DBFM
		(77-120)	(73-120)	(80-120)	(75-123)
480-193101-2	BETWEEN CARBONS 120621	95	99	100	106
480-193101-4	INFLUENT GRAB 120621	96	98	100	101
480-193101-5	EFFLUENT GRAB 120621	93	99	98	101
LCS 480-607776/4	Lab Control Sample	89	105	98	99
MB 480-607776/7	Method Blank	96	100	96	102

Surrogate Legend

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

QC Sample Results

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

Job ID: 480-193101-1

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

Lab Sample ID: MB 480-607776/7
Matrix: Water
Analysis Batch: 607776

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/07/21 11:13	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/07/21 11:13	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/07/21 11:13	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/07/21 11:13	1
Toluene	ND		1.0	0.51	ug/L			12/07/21 11:13	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/07/21 11:13	1
Trichloroethene	ND		1.0	0.46	ug/L			12/07/21 11:13	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	96		77 - 120		12/07/21 11:13	1
4-Bromofluorobenzene (Surr)	100		73 - 120		12/07/21 11:13	1
Toluene-d8 (Surr)	96		80 - 120		12/07/21 11:13	1
Dibromofluoromethane (Surr)	102		75 - 123		12/07/21 11:13	1

Lab Sample ID: LCS 480-607776/4
Matrix: Water
Analysis Batch: 607776

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

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
1,1,2,2-Tetrachloroethane	25.0	25.3		ug/L		101	76 - 120
cis-1,2-Dichloroethene	25.0	25.8		ug/L		103	74 - 124
Methylene Chloride	25.0	28.3		ug/L		113	75 - 124
Tetrachloroethene	25.0	26.9		ug/L		108	74 - 122
Toluene	25.0	25.0		ug/L		100	80 - 122
trans-1,2-Dichloroethene	25.0	27.8		ug/L		111	73 - 127
Trichloroethene	25.0	26.1		ug/L		105	74 - 123

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	89		77 - 120
4-Bromofluorobenzene (Surr)	105		73 - 120
Toluene-d8 (Surr)	98		80 - 120
Dibromofluoromethane (Surr)	99		75 - 123

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-608005/1-A
Matrix: Water
Analysis Batch: 608171

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 608005

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Zinc	ND		0.010	0.0015	mg/L		12/08/21 12:15	12/08/21 20:52	1

Lab Sample ID: LCS 480-608005/2-A
Matrix: Water
Analysis Batch: 608171

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 608005

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
Zinc	0.200	0.204		mg/L		102	80 - 120

Eurofins TestAmerica, Buffalo

QC Sample Results

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

Job ID: 480-193101-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-608224/1-A
 Matrix: Water
 Analysis Batch: 608288

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 608224

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000043	mg/L		12/09/21 13:44	12/09/21 16:52	1

Lab Sample ID: LCS 480-608224/2-A
 Matrix: Water
 Analysis Batch: 608288

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 608224

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00635		mg/L		95	80 - 120

Lab Sample ID: 480-193101-1 MS
 Matrix: Water
 Analysis Batch: 608288

Client Sample ID: EFFLUENT COMP 120621
 Prep Type: Total/NA
 Prep Batch: 608224

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	ND		0.00667	0.00690		mg/L		103	80 - 120

Lab Sample ID: 480-193101-1 MSD
 Matrix: Water
 Analysis Batch: 608288

Client Sample ID: EFFLUENT COMP 120621
 Prep Type: Total/NA
 Prep Batch: 608224

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.00667	0.00678		mg/L		102	80 - 120	2	20

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

Lab Sample ID: MB 480-608045/1
 Matrix: Water
 Analysis Batch: 608045

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			12/08/21 13:45	1

Lab Sample ID: LCS 480-608045/2
 Matrix: Water
 Analysis Batch: 608045

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	311	310.0		mg/L		100	88 - 110

Lab Sample ID: 480-193101-1 DU
 Matrix: Water
 Analysis Batch: 608045

Client Sample ID: EFFLUENT COMP 120621
 Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Suspended Solids	284		ND		mg/L		NC	10

QC Sample Results

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

Job ID: 480-193101-1

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-608139/1
Matrix: Water
Analysis Batch: 608139

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			12/09/21 08:56	1

Lab Sample ID: LCS 480-608139/2
Matrix: Water
Analysis Batch: 608139

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	455.0		mg/L		91	85 - 115



QC Association Summary

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

Job ID: 480-193101-1

GC/MS VOA

Analysis Batch: 607776

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-193101-2	BETWEEN CARBONS 120621	Total/NA	Water	8260C	
480-193101-4	INFLUENT GRAB 120621	Total/NA	Water	8260C	
480-193101-5	EFFLUENT GRAB 120621	Total/NA	Water	8260C	
MB 480-607776/7	Method Blank	Total/NA	Water	8260C	
LCS 480-607776/4	Lab Control Sample	Total/NA	Water	8260C	

Metals

Prep Batch: 608005

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-193101-1	EFFLUENT COMP 120621	Total/NA	Water	3005A	
480-193101-3	INFLUENT COMP 120621	Total/NA	Water	3005A	
MB 480-608005/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-608005/2-A	Lab Control Sample	Total/NA	Water	3005A	

Analysis Batch: 608171

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-193101-1	EFFLUENT COMP 120621	Total/NA	Water	6010C	608005
480-193101-3	INFLUENT COMP 120621	Total/NA	Water	6010C	608005
MB 480-608005/1-A	Method Blank	Total/NA	Water	6010C	608005
LCS 480-608005/2-A	Lab Control Sample	Total/NA	Water	6010C	608005

Prep Batch: 608224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-193101-1	EFFLUENT COMP 120621	Total/NA	Water	7470A	
480-193101-3	INFLUENT COMP 120621	Total/NA	Water	7470A	
MB 480-608224/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-608224/2-A	Lab Control Sample	Total/NA	Water	7470A	
480-193101-1 MS	EFFLUENT COMP 120621	Total/NA	Water	7470A	
480-193101-1 MSD	EFFLUENT COMP 120621	Total/NA	Water	7470A	

Analysis Batch: 608288

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-193101-1	EFFLUENT COMP 120621	Total/NA	Water	7470A	608224
480-193101-3	INFLUENT COMP 120621	Total/NA	Water	7470A	608224
MB 480-608224/1-A	Method Blank	Total/NA	Water	7470A	608224
LCS 480-608224/2-A	Lab Control Sample	Total/NA	Water	7470A	608224
480-193101-1 MS	EFFLUENT COMP 120621	Total/NA	Water	7470A	608224
480-193101-1 MSD	EFFLUENT COMP 120621	Total/NA	Water	7470A	608224

General Chemistry

Analysis Batch: 608045

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-193101-1	EFFLUENT COMP 120621	Total/NA	Water	SM 2540D	
MB 480-608045/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-608045/2	Lab Control Sample	Total/NA	Water	SM 2540D	
480-193101-1 DU	EFFLUENT COMP 120621	Total/NA	Water	SM 2540D	

Analysis Batch: 608139

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-193101-1	EFFLUENT COMP 120621	Total/NA	Water	SM2540 C	

Eurofins TestAmerica, Buffalo

QC Association Summary

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

Job ID: 480-193101-1

General Chemistry (Continued)

Analysis Batch: 608139 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-608139/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-608139/2	Lab Control Sample	Total/NA	Water	SM2540 C	

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Lab Chronicle

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

Job ID: 480-193101-1

Client Sample ID: EFFLUENT COMP 120621

Lab Sample ID: 480-193101-1

Date Collected: 12/06/21 07:15

Matrix: Water

Date Received: 12/07/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3005A			608005	12/08/21 12:15	NBS	TAL BUF
Total/NA	Analysis	6010C		1	608171	12/08/21 21:12	AMH	TAL BUF
Total/NA	Prep	7470A			608224	12/09/21 13:44	BMB	TAL BUF
Total/NA	Analysis	7470A		1	608288	12/09/21 16:57	BMB	TAL BUF
Total/NA	Analysis	SM 2540D		1	608045	12/08/21 13:47	EJL	TAL BUF
Total/NA	Analysis	SM2540 C		1	608139	12/09/21 08:56	EJL	TAL BUF

Client Sample ID: BETWEEN CARBONS 120621

Lab Sample ID: 480-193101-2

Date Collected: 12/06/21 07:15

Matrix: Water

Date Received: 12/07/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	607776	12/07/21 16:13	WJD	TAL BUF

Client Sample ID: INFLUENT COMP 120621

Lab Sample ID: 480-193101-3

Date Collected: 12/06/21 07:15

Matrix: Water

Date Received: 12/07/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3005A			608005	12/08/21 12:15	NBS	TAL BUF
Total/NA	Analysis	6010C		1	608171	12/08/21 21:16	AMH	TAL BUF
Total/NA	Prep	7470A			608224	12/09/21 13:44	BMB	TAL BUF
Total/NA	Analysis	7470A		1	608288	12/09/21 17:03	BMB	TAL BUF

Client Sample ID: INFLUENT GRAB 120621

Lab Sample ID: 480-193101-4

Date Collected: 12/06/21 07:15

Matrix: Water

Date Received: 12/07/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		8	607776	12/07/21 16:36	WJD	TAL BUF

Client Sample ID: EFFLUENT GRAB 120621

Lab Sample ID: 480-193101-5

Date Collected: 12/06/21 07:15

Matrix: Water

Date Received: 12/07/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	607776	12/07/21 16:59	WJD	TAL BUF

Laboratory References:

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

Accreditation/Certification Summary

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

Job ID: 480-193101-1

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

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- 2
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- 14
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Method Summary

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

Job ID: 480-193101-1

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
Project/Site: Former Accurate Die Cast

Job ID: 480-193101-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-193101-1	EFFLUENT COMP 120621	Water	12/06/21 07:15	12/07/21 08:00
480-193101-2	BETWEEN CARBONS 120621	Water	12/06/21 07:15	12/07/21 08:00
480-193101-3	INFLUENT COMP 120621	Water	12/06/21 07:15	12/07/21 08:00
480-193101-4	INFLUENT GRAB 120621	Water	12/06/21 07:15	12/07/21 08:00
480-193101-5	EFFLUENT GRAB 120621	Water	12/06/21 07:15	12/07/21 08:00

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Chain of Custody Record

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

Syracuse
 Analytical Testing Dept.

Sampler: Martin Kormanek Lab PM: Giacomazza, Joe V COC No: 480-168248-10589.1
 Client Contact: Mr. Yuri Veliz E-Mail: joe.giacomazza@tesamericainc.com Page: 1 of 1
 Company: O'Brien & Gere Inc of North America PWSID: 315-729-1300 Job #: #225

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

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=water/soil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)		Perform MS/MSD (Yes or No)		2540C - Total Suspended Solids		2540C - Total Dissolved Solids		6010C - Zinc		7470A - Mercury		Special Instructions/Note:
					Yes	No	Yes	No	N	A	D	D	N	A	D	D	
Effluent 120621	12-6-21	7:15	C	Water					1	1							4
Between Carbons 120621	12-6-21	7:15	G	Water						3							3
Influent 120621	12-6-21	7:15	C	Water													2
Influent 120621	12-6-21	7:15	G	W						3							3
Effluent 120621	12-6-21	7:15	G	W						3							3



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: _____

Relinquished by: Martin Kormanek Date: 12-6-21 / 12:50 Company: OBG
 Relinquished by: Reighlinh Date: 12-6-21 / 19:00 Company: OBG
 Relinquished by: _____ Date: _____ Company: _____

Received by: Wm Date/Time: 12-7-21 8:00 Company: THB
 Received by: _____ Date/Time: _____ Company: _____

Method of Shipment: _____
 Cooler Temperature(s) °C and Other Remarks: ICE



Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-193101-1

Login Number: 193101

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.	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	



ANALYTICAL REPORT

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

Laboratory Job ID: 480-193420-1
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:
12/27/2021 11:28:17 AM
Rebecca Jones, Project Management Assistant I
Rebecca.Jones@Eurofinset.com

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

LINKS

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results through
TotalAccess

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www.eurofinsus.com/Env

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

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

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



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Definitions/Glossary

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

Job ID: 480-193420-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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: 480-193420-1

Job ID: 480-193420-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

**Job Narrative
480-193420-1**

Comments

No additional comments.

Receipt

The sample was received on 12/14/2021 10:30 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 4.2° C.

General Chemistry

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

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Detection Summary

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

Job ID: 480-193420-1

Client Sample ID: EFFLUENT

Lab Sample ID: 480-193420-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	621		10.0	4.0	mg/L	1		SM2540 C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

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Client Sample Results

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

Job ID: 480-193420-1

Client Sample ID: EFFLUENT

Lab Sample ID: 480-193420-1

Date Collected: 12/13/21 07:15

Matrix: Water

Date Received: 12/14/21 10:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	621		10.0	4.0	mg/L			12/15/21 09:51	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			12/20/21 09:19	1

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QC Sample Results

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

Job ID: 480-193420-1

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

Lab Sample ID: MB 480-609470/1
 Matrix: Water
 Analysis Batch: 609470

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			12/20/21 09:19	1

Lab Sample ID: LCS 480-609470/2
 Matrix: Water
 Analysis Batch: 609470

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	315	290.8		mg/L		92	88 - 110

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-608957/1
 Matrix: Water
 Analysis Batch: 608957

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			12/15/21 09:51	1

Lab Sample ID: LCS 480-608957/2
 Matrix: Water
 Analysis Batch: 608957

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	482.0		mg/L		96	85 - 115

Lab Sample ID: 480-193420-1 DU
 Matrix: Water
 Analysis Batch: 608957

Client Sample ID: EFFLUENT
 Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	621		636.0		mg/L		2	10

QC Association Summary

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

Job ID: 480-193420-1

General Chemistry

Analysis Batch: 608957

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-193420-1	EFFLUENT	Total/NA	Water	SM2540 C	
MB 480-608957/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-608957/2	Lab Control Sample	Total/NA	Water	SM2540 C	
480-193420-1 DU	EFFLUENT	Total/NA	Water	SM2540 C	

Analysis Batch: 609470

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-193420-1	EFFLUENT	Total/NA	Water	SM 2540D	
MB 480-609470/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-609470/2	Lab Control Sample	Total/NA	Water	SM 2540D	

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Lab Chronicle

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

Job ID: 480-193420-1

Client Sample ID: EFFLUENT

Lab Sample ID: 480-193420-1

Date Collected: 12/13/21 07:15

Matrix: Water

Date Received: 12/14/21 10:30

<u>Prep Type</u>	<u>Batch Type</u>	<u>Batch Method</u>	<u>Run</u>	<u>Dilution Factor</u>	<u>Batch Number</u>	<u>Prepared or Analyzed</u>	<u>Analyst</u>	<u>Lab</u>
Total/NA	Analysis	SM 2540D		1	609470	12/20/21 09:19	EJL	TAL BUF
Total/NA	Analysis	SM2540 C		1	608957	12/15/21 09:51	JGO	TAL BUF

Laboratory References:

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

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Accreditation/Certification Summary

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

Job ID: 480-193420-1

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

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Method Summary

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

Job ID: 480-193420-1

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: 480-193420-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-193420-1	EFFLUENT	Water	12/13/21 07:15	12/14/21 10:30

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Chain of Custody Record

Client Information		Lab PM: <i>Giacomazza, Joe V</i>		COC No: 480-158080-10586.1	
Client Contact: <i>Mr. Yuri Veliz</i>		E-Mail: <i>joe.giacomazza@testamericainc.com</i>		Page: Page 1 of 1	
Company: <i>O'Brien & Gere Inc of North America</i>		PWSID:		Job #:	
Address: <i>333 West Washington St. PO BOX 4873</i>		City: <i>East Syracuse</i>		State, Zip: <i>NY, 13221</i>	
Phone: <i>315-956-6100(Tel) 315-463-7554(Fax)</i>		Compliance Project: <i>STP</i>		Analysis Requested: <i>#225</i>	
Email: <i>yuri.veliz@ramboll.com</i>		PO #: <i>1940002622</i>		Barcode: 	
Project Name: <i>Former Accurate Die Cast</i>		Project #: <i>48008584</i>		480-193420 Chain of Custody	
Site: <i>New York</i>		SSOW#:		id	
Sample Identification		Sample Date		Sample Type (C=Comp, G=grab)	
Effluent <i>12.13.21</i>		<i>12-13-21 17:15</i>		<i>C</i>	
Matrix (W=water, S=soil, O=oil, BT=Tissue, A=Air)		Preservation Code:		Matrix	
				Water	
Field Filtered Sample (Yes or No)		Perform MERMSD (Yes or No)		2540D - Total Suspended Solids	
<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		N	
Total Number of Containers		Other:		Special Instructions/Note:	
Possible Hazard Identification		Deliverable Requested: I, II, III, IV, Other (specify)		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	
<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological				<input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For Months	
Empty Kit Relinquished by:		Date:		Special Instructions/QC Requirements:	
Relinquished by: <i>[Signature]</i>		Date: <i>12-13-21 11:40</i>		Received by: <i>[Signature]</i>	
Relinquished by: <i>[Signature]</i>		Date: <i>12-13-21 19:00</i>		Received by: <i>[Signature]</i>	
Relinquished by: <i>[Signature]</i>		Date: <i>12-13-21 11:40</i>		Received by: <i>[Signature]</i>	
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temperature (C and Other Remarks):	
				<i>4.2-4.1</i>	



Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-193420-1

Login Number: 193420

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	

ANALYTICAL REPORT

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

Laboratory Job ID: 480-193789-1
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:
1/4/2022 10:22:27 AM
Rebecca Jones, Project Management Assistant I
Rebecca.Jones@Eurofinset.com
Designee for
Joe Giacomazza, Project Manager I
(716)691-2600
joe.giacomazza@testamericainc.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:

www.eurofinsus.com/Env

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

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

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



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Definitions/Glossary

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

Job ID: 480-193789-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	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: 480-193789-1

Job ID: 480-193789-1

Laboratory: Eurofins Northeast, Buffalo

Narrative

**Job Narrative
480-193789-1**

Comments

No additional comments.

Receipt

The samples were received on 12/28/2021 9:45 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.6° C.

GC/MS VOA

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

General Chemistry

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

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Detection Summary

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

Job ID: 480-193789-1

Client Sample ID: EFFLUENT - COMP-122321

Lab Sample ID: 480-193789-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	599		10.0	4.0	mg/L	1		SM2540 C	Total/NA

Client Sample ID: EFFLUENT - GRAB-122321

Lab Sample ID: 480-193789-2

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Northeast, Buffalo



Client Sample Results

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

Job ID: 480-193789-1

Client Sample ID: EFFLUENT - COMP-122321

Lab Sample ID: 480-193789-1

Date Collected: 12/23/21 07:15

Matrix: Wastewater

Date Received: 12/28/21 09:45

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	599		10.0	4.0	mg/L			12/29/21 16:05	1
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			12/29/21 08:54	1

Client Sample ID: EFFLUENT - GRAB-122321

Lab Sample ID: 480-193789-2

Date Collected: 12/23/21 07:15

Matrix: Wastewater

Date Received: 12/28/21 09:45

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			12/28/21 16:43	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/28/21 16:43	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/28/21 16:43	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/28/21 16:43	1
Toluene	ND		1.0	0.51	ug/L			12/28/21 16:43	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/28/21 16:43	1
Trichloroethene	ND		1.0	0.46	ug/L			12/28/21 16:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120					12/28/21 16:43	1
4-Bromofluorobenzene (Surr)	104		73 - 120					12/28/21 16:43	1
Toluene-d8 (Surr)	99		80 - 120					12/28/21 16:43	1
Dibromofluoromethane (Surr)	99		75 - 123					12/28/21 16:43	1

Surrogate Summary

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

Job ID: 480-193789-1

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

Matrix: Wastewater

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCA (77-120)	BFB (73-120)	TOL (80-120)	DBFM (75-123)
480-193789-2	EFFLUENT - GRAB-122321	101	104	99	99

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)

Lab Sample ID	Client Sample ID	DCA (77-120)	BFB (73-120)	TOL (80-120)	DBFM (75-123)
LCS 480-610196/6	Lab Control Sample	98	103	98	96
MB 480-610196/8	Method Blank	104	99	96	101

Surrogate Legend

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

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

DBFM = Dibromofluoromethane (Surr)

QC Sample Results

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

Job ID: 480-193789-1

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

Lab Sample ID: MB 480-610196/8
Matrix: Water
Analysis Batch: 610196

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

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/28/21 12:38	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/28/21 12:38	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/28/21 12:38	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/28/21 12:38	1
Toluene	ND		1.0	0.51	ug/L			12/28/21 12:38	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/28/21 12:38	1
Trichloroethene	ND		1.0	0.46	ug/L			12/28/21 12:38	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		12/28/21 12:38	1
4-Bromofluorobenzene (Surr)	99		73 - 120		12/28/21 12:38	1
Toluene-d8 (Surr)	96		80 - 120		12/28/21 12:38	1
Dibromofluoromethane (Surr)	101		75 - 123		12/28/21 12:38	1

Lab Sample ID: LCS 480-610196/6
Matrix: Water
Analysis Batch: 610196

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,2-Dichloroethene	25.0	25.1		ug/L		100	74 - 124
Methylene Chloride	25.0	22.9		ug/L		91	75 - 124
Tetrachloroethene	25.0	26.1		ug/L		104	74 - 122
Toluene	25.0	24.9		ug/L		100	80 - 122
trans-1,2-Dichloroethene	25.0	24.4		ug/L		98	73 - 127
Trichloroethene	25.0	25.3		ug/L		101	74 - 123

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	98		77 - 120
4-Bromofluorobenzene (Surr)	103		73 - 120
Toluene-d8 (Surr)	98		80 - 120
Dibromofluoromethane (Surr)	96		75 - 123

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

Lab Sample ID: MB 480-610318/1
Matrix: Water
Analysis Batch: 610318

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

Analyte	MB	MB	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Suspended Solids	ND		1.0	1.0	mg/L			12/29/21 08:54	1

Lab Sample ID: LCS 480-610318/2
Matrix: Water
Analysis Batch: 610318

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

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

Eurofins Northeast, Buffalo

QC Sample Results

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

Job ID: 480-193789-1

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-610414/1
Matrix: Water
Analysis Batch: 610414

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			12/29/21 16:05	1

Lab Sample ID: LCS 480-610414/2
Matrix: Water
Analysis Batch: 610414

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

Lab Sample ID: 480-193789-1 DU
Matrix: Wastewater
Analysis Batch: 610414

Client Sample ID: EFFLUENT - COMP-122321
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	599		595.0		mg/L		0.7	10

QC Association Summary

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

Job ID: 480-193789-1

GC/MS VOA

Analysis Batch: 610196

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-193789-2	EFFLUENT - GRAB-122321	Total/NA	Wastewater	8260C	
MB 480-610196/8	Method Blank	Total/NA	Water	8260C	
LCS 480-610196/6	Lab Control Sample	Total/NA	Water	8260C	

General Chemistry

Analysis Batch: 610318

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-193789-1	EFFLUENT - COMP-122321	Total/NA	Wastewater	SM 2540D	
MB 480-610318/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-610318/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 610414

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-193789-1	EFFLUENT - COMP-122321	Total/NA	Wastewater	SM2540 C	
MB 480-610414/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-610414/2	Lab Control Sample	Total/NA	Water	SM2540 C	
480-193789-1 DU	EFFLUENT - COMP-122321	Total/NA	Wastewater	SM2540 C	

Lab Chronicle

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

Job ID: 480-193789-1

Client Sample ID: EFFLUENT - COMP-122321

Lab Sample ID: 480-193789-1

Date Collected: 12/23/21 07:15

Matrix: Wastewater

Date Received: 12/28/21 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	610318	12/29/21 08:54	EJL	TAL BUF
Total/NA	Analysis	SM2540 C		1	610414	12/29/21 16:05	EJL	TAL BUF

Client Sample ID: EFFLUENT - GRAB-122321

Lab Sample ID: 480-193789-2

Date Collected: 12/23/21 07:15

Matrix: Wastewater

Date Received: 12/28/21 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	610196	12/28/21 16:43	CRL	TAL BUF

Laboratory References:

TAL BUF = Eurofins Northeast, 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: 480-193789-1

Laboratory: Eurofins Northeast, 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: 480-193789-1

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 Northeast, 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: 480-193789-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-193789-1	EFFLUENT - COMP-122321	Wastewater	12/23/21 07:15	12/28/21 09:45
480-193789-2	EFFLUENT - GRAB-122321	Wastewater	12/23/21 07:15	12/28/21 09:45

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Chain of Custody Record

Client Information		Lab P/N: <i>Giacomazza, Joe V</i>		COC No: <i>480-158100-10587.1</i>					
Client Contact: <i>Mr. Yuri Veliz</i>		E-Mail: <i>joe.giacomazza@testamericainc.com</i>		Page: <i>Page 1 of 1</i>					
Company: <i>O'Brien & Gere Inc of North America</i>		PWSID: <i>1940002622</i>		Job #: <i>#225</i>					
Address: <i>333 West Washington St. PO BOX 4873</i>		Due Date Requested:		Analysis Requested					
City: <i>East Syracuse</i>		TAT Requested (days):		Preservation Codes:					
State, Zip: <i>NY, 13221</i>		Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No		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 Other:					
Phone: <i>315-956-6100(Tel) 315-463-7554(Fax)</i>		PO #: <i>1940002622</i>		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)					
Email: <i>yuri.veliz@ramboll.com</i>		WO #: <i>48008584</i>		Total Number of containers					
Project Name: <i>Former Accurate Die Cast</i>		Project #: <i>48008584</i>		Special Instructions/Note:					
Site: <i>New York</i>		SSOW#:		<div style="background-color: yellow; border: 2px solid black; border-radius: 50%; padding: 10px; display: inline-block; text-align: center;"> SHORT HOLD </div>					
Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=soil, BT=tissue, A=air)	Field Filtered Sample (Yes or No)	Form MS/MSD (Yes or No)	2540D - Total Suspended Solids	2540C - Volatile Organic Compounds	8260C - Volatile Organic Compounds
<i>Effluent 122321</i>	<i>12-23-21</i>	<i>7:15</i>	<i>C</i>	<i>Water</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<i>11</i>	<i>1</i>	<i>3</i>
<i>Effluent 122321</i>	<i>12-23-21</i>	<i>7:15</i>	<i>G</i>	<i>W</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<i>1</i>	<i>1</i>	<i>3</i>
<i>Samples were main- tained on ice while at the service center. - RE</i>									
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological Deliverable Requested: I, II, III, IV, Other (specify)									
Empty Kit Relinquished by:									
Relinquished by: <i>Math Kymbur</i>		Date: <i>12-23-21</i>		Time: <i>9:35</i>		Company: <i>OBG</i>		Receiver: <i>REIGH LILK</i>	
Relinquished by: <i>REIGH LILK</i>		Date: <i>12-27-21</i>		Time: <i>1900</i>		Company: <i>GR</i>		Date/Time: <i>12-23-21 0935</i>	
Relinquished by:		Date:		Time:		Company:		Date/Time: <i>12/28/21 0945</i>	
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: <i>#1 2.6</i>		Company: <i>TAB</i>		Date/Time:	

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-193789-1

Login Number: 193789

List Source: Eurofins Northeast, Buffalo

List Number: 1

Creator: Wallace, Cameron

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

ATTACHMENT B

GROUNDWATER MONITORING LABORATORY REPORT

ANALYTICAL REPORT

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

Laboratory Job ID: 480-191279-1

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:

10/28/2021 2:44:11 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

LINKS

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

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

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



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Definitions/Glossary

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

Job ID: 480-191279-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
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.
α	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: 480-191279-1

Job ID: 480-191279-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative 480-191279-1

Comments

No additional comments.

Receipt

The samples were received on 10/22/2021 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 3.0° C.

GC/MS VOA

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW 11 102121 (480-191279-2), MW 10 102121 (480-191279-3), MW 24 102121 (480-191279-9), MW 13 102121 (480-191279-11), MW 14 102121 (480-191279-12), MW 18 102121 (480-191279-14), (480-191279-A-14 MS) and (480-191279-A-14 MSD). Elevated reporting limits (RLs) are provided.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-601935 recovered above the upper control limit for 2-Butanone (MEK). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: MW 5 102121 (480-191279-1), MW 11 102121 (480-191279-2), MW 10 102121 (480-191279-3), PZ-1 102121 (480-191279-4), MW 6 102121 (480-191279-5), PZ-2 102121 (480-191279-6), MW 21 102121 (480-191279-8), MW 24 102121 (480-191279-9), MW 15 102121 (480-191279-10), MW 13 102121 (480-191279-11), MW 14 102121 (480-191279-12), MW 22 102121 (480-191279-13), MW 18 102121 (480-191279-14), MW 12 102121 (480-191279-15), MW 9 102121 (480-191279-16), MW 16 102121 (480-191279-17) and Trip Blank (480-191279-18).

Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW 17 102121 (480-191279-7). Elevated reporting limits (RLs) are provided.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-601974 recovered above the upper control limit for 2-Butanone (MEK), Chloromethane and Trichlorofluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: MW 17 102121 (480-191279-7).

Method 8260C: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 480-601974 recovered outside control limits for the following analytes: Dichlorodifluoromethane. 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: MW 17 102121 (480-191279-7).

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: 480-191279-1

Client Sample ID: MW 5 102121

Lab Sample ID: 480-191279-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	1.7		1.0	0.36	ug/L	1		8260C	Total/NA
Trichloroethene	49		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: MW 11 102121

Lab Sample ID: 480-191279-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	440		8.0	3.7	ug/L	8		8260C	Total/NA

Client Sample ID: MW 10 102121

Lab Sample ID: 480-191279-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	64		2.0	0.92	ug/L	2		8260C	Total/NA

Client Sample ID: PZ-1 102121

Lab Sample ID: 480-191279-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.7	J	10	3.0	ug/L	1		8260C	Total/NA
Trichloroethene	51		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: MW 6 102121

Lab Sample ID: 480-191279-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.2	J	10	3.0	ug/L	1		8260C	Total/NA
Trichloroethene	55		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: PZ-2 102121

Lab Sample ID: 480-191279-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	68		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: MW 17 102121

Lab Sample ID: 480-191279-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	11		2.0	1.6	ug/L	2		8260C	Total/NA
Tetrachloroethene	3.3		2.0	0.72	ug/L	2		8260C	Total/NA
Trichloroethene	100		2.0	0.92	ug/L	2		8260C	Total/NA

Client Sample ID: MW 21 102121

Lab Sample ID: 480-191279-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.8	J	10	3.0	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	8.1		1.0	0.81	ug/L	1		8260C	Total/NA
Trichloroethene	6.4		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: MW 24 102121

Lab Sample ID: 480-191279-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	67		5.0	4.1	ug/L	5		8260C	Total/NA
Trichloroethene	330		5.0	2.3	ug/L	5		8260C	Total/NA

Client Sample ID: MW 15 102121

Lab Sample ID: 480-191279-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	0.18	J	1.0	0.16	ug/L	1		8260C	Total/NA
Trichloroethene	1.5		1.0	0.46	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Detection Summary

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

Job ID: 480-191279-1

Client Sample ID: MW 13 102121

Lab Sample ID: 480-191279-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	230		4.0	1.8	ug/L	4		8260C	Total/NA

Client Sample ID: MW 14 102121

Lab Sample ID: 480-191279-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	150		5.0	2.3	ug/L	5		8260C	Total/NA

Client Sample ID: MW 22 102121

Lab Sample ID: 480-191279-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.6	J	10	3.0	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	7.8		1.0	0.81	ug/L	1		8260C	Total/NA
Trichloroethene	5.5		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: MW 18 102121

Lab Sample ID: 480-191279-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	750	F1	20	16	ug/L	20		8260C	Total/NA
Trichloroethene	1400	F1	20	9.2	ug/L	20		8260C	Total/NA

Client Sample ID: MW 12 102121

Lab Sample ID: 480-191279-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	13		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: MW 9 102121

Lab Sample ID: 480-191279-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.5	J	10	3.0	ug/L	1		8260C	Total/NA
Trichloroethene	37		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: MW 16 102121

Lab Sample ID: 480-191279-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	1.4		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: Trip Blank

Lab Sample ID: 480-191279-18

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-191279-1

Client Sample ID: MW 5 102121

Lab Sample ID: 480-191279-1

Date Collected: 10/21/21 08:00

Matrix: Water

Date Received: 10/22/21 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			10/26/21 00:58	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/26/21 00:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/26/21 00:58	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/26/21 00:58	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/26/21 00:58	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/26/21 00:58	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/26/21 00:58	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/26/21 00:58	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/26/21 00:58	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/26/21 00:58	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/26/21 00:58	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/26/21 00:58	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/26/21 00:58	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/26/21 00:58	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/26/21 00:58	1
2-Hexanone	ND		5.0	1.2	ug/L			10/26/21 00:58	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/26/21 00:58	1
Acetone	ND		10	3.0	ug/L			10/26/21 00:58	1
Benzene	ND		1.0	0.41	ug/L			10/26/21 00:58	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/26/21 00:58	1
Bromoform	ND		1.0	0.26	ug/L			10/26/21 00:58	1
Bromomethane	ND		1.0	0.69	ug/L			10/26/21 00:58	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/26/21 00:58	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/26/21 00:58	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/26/21 00:58	1
Chloroethane	ND		1.0	0.32	ug/L			10/26/21 00:58	1
Chloroform	ND		1.0	0.34	ug/L			10/26/21 00:58	1
Chloromethane	ND		1.0	0.35	ug/L			10/26/21 00:58	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/26/21 00:58	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/26/21 00:58	1
Cyclohexane	ND		1.0	0.18	ug/L			10/26/21 00:58	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/26/21 00:58	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/26/21 00:58	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/26/21 00:58	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/26/21 00:58	1
Methyl acetate	ND		2.5	1.3	ug/L			10/26/21 00:58	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/26/21 00:58	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/26/21 00:58	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/26/21 00:58	1
Styrene	ND		1.0	0.73	ug/L			10/26/21 00:58	1
Tetrachloroethene	1.7		1.0	0.36	ug/L			10/26/21 00:58	1
Toluene	ND		1.0	0.51	ug/L			10/26/21 00:58	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/26/21 00:58	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/26/21 00:58	1
Trichloroethene	49		1.0	0.46	ug/L			10/26/21 00:58	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/26/21 00:58	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/26/21 00:58	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/26/21 00:58	1

Client Sample Results

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

Job ID: 480-191279-1

Client Sample ID: MW 5 102121

Lab Sample ID: 480-191279-1

Date Collected: 10/21/21 08:00

Matrix: Water

Date Received: 10/22/21 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		10/26/21 00:58	1
4-Bromofluorobenzene (Surr)	106		73 - 120		10/26/21 00:58	1
Dibromofluoromethane (Surr)	105		75 - 123		10/26/21 00:58	1
Toluene-d8 (Surr)	99		80 - 120		10/26/21 00:58	1

Client Sample ID: MW 11 102121

Lab Sample ID: 480-191279-2

Date Collected: 10/21/21 08:15

Matrix: Water

Date Received: 10/22/21 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			10/26/21 01:21	8
1,1,2,2-Tetrachloroethane	ND		8.0	1.7	ug/L			10/26/21 01:21	8
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.0	2.5	ug/L			10/26/21 01:21	8
1,1,2-Trichloroethane	ND		8.0	1.8	ug/L			10/26/21 01:21	8
1,1-Dichloroethane	ND		8.0	3.0	ug/L			10/26/21 01:21	8
1,1-Dichloroethene	ND		8.0	2.3	ug/L			10/26/21 01:21	8
1,2,4-Trichlorobenzene	ND		8.0	3.3	ug/L			10/26/21 01:21	8
1,2-Dibromo-3-Chloropropane	ND		8.0	3.1	ug/L			10/26/21 01:21	8
1,2-Dibromoethane	ND		8.0	5.8	ug/L			10/26/21 01:21	8
1,2-Dichlorobenzene	ND		8.0	6.3	ug/L			10/26/21 01:21	8
1,2-Dichloroethane	ND		8.0	1.7	ug/L			10/26/21 01:21	8
1,2-Dichloropropane	ND		8.0	5.8	ug/L			10/26/21 01:21	8
1,3-Dichlorobenzene	ND		8.0	6.2	ug/L			10/26/21 01:21	8
1,4-Dichlorobenzene	ND		8.0	6.7	ug/L			10/26/21 01:21	8
2-Butanone (MEK)	ND		80	11	ug/L			10/26/21 01:21	8
2-Hexanone	ND		40	9.9	ug/L			10/26/21 01:21	8
4-Methyl-2-pentanone (MIBK)	ND		40	17	ug/L			10/26/21 01:21	8
Acetone	ND		80	24	ug/L			10/26/21 01:21	8
Benzene	ND		8.0	3.3	ug/L			10/26/21 01:21	8
Bromodichloromethane	ND		8.0	3.1	ug/L			10/26/21 01:21	8
Bromoform	ND		8.0	2.1	ug/L			10/26/21 01:21	8
Bromomethane	ND		8.0	5.5	ug/L			10/26/21 01:21	8
Carbon disulfide	ND		8.0	1.5	ug/L			10/26/21 01:21	8
Carbon tetrachloride	ND		8.0	2.2	ug/L			10/26/21 01:21	8
Chlorobenzene	ND		8.0	6.0	ug/L			10/26/21 01:21	8
Chloroethane	ND		8.0	2.6	ug/L			10/26/21 01:21	8
Chloroform	ND		8.0	2.7	ug/L			10/26/21 01:21	8
Chloromethane	ND		8.0	2.8	ug/L			10/26/21 01:21	8
cis-1,2-Dichloroethene	ND		8.0	6.5	ug/L			10/26/21 01:21	8
cis-1,3-Dichloropropene	ND		8.0	2.9	ug/L			10/26/21 01:21	8
Cyclohexane	ND		8.0	1.4	ug/L			10/26/21 01:21	8
Dibromochloromethane	ND		8.0	2.6	ug/L			10/26/21 01:21	8
Dichlorodifluoromethane	ND		8.0	5.4	ug/L			10/26/21 01:21	8
Ethylbenzene	ND		8.0	5.9	ug/L			10/26/21 01:21	8
Isopropylbenzene	ND		8.0	6.3	ug/L			10/26/21 01:21	8
Methyl acetate	ND		20	10	ug/L			10/26/21 01:21	8
Methyl tert-butyl ether	ND		8.0	1.3	ug/L			10/26/21 01:21	8
Methylcyclohexane	ND		8.0	1.3	ug/L			10/26/21 01:21	8
Methylene Chloride	ND		8.0	3.5	ug/L			10/26/21 01:21	8

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-191279-1

Client Sample ID: MW 11 102121

Lab Sample ID: 480-191279-2

Date Collected: 10/21/21 08:15

Matrix: Water

Date Received: 10/22/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		8.0	5.8	ug/L			10/26/21 01:21	8
Tetrachloroethene	ND		8.0	2.9	ug/L			10/26/21 01:21	8
Toluene	ND		8.0	4.1	ug/L			10/26/21 01:21	8
trans-1,2-Dichloroethene	ND		8.0	7.2	ug/L			10/26/21 01:21	8
trans-1,3-Dichloropropene	ND		8.0	3.0	ug/L			10/26/21 01:21	8
Trichloroethene	440		8.0	3.7	ug/L			10/26/21 01:21	8
Trichlorofluoromethane	ND		8.0	7.0	ug/L			10/26/21 01:21	8
Vinyl chloride	ND		8.0	7.2	ug/L			10/26/21 01:21	8
Xylenes, Total	ND		16	5.3	ug/L			10/26/21 01:21	8

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		10/26/21 01:21	8
4-Bromofluorobenzene (Surr)	93		73 - 120		10/26/21 01:21	8
Dibromofluoromethane (Surr)	105		75 - 123		10/26/21 01:21	8
Toluene-d8 (Surr)	95		80 - 120		10/26/21 01:21	8

Client Sample ID: MW 10 102121

Lab Sample ID: 480-191279-3

Date Collected: 10/21/21 08:45

Matrix: Water

Date Received: 10/22/21 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		2.0	1.6	ug/L			10/26/21 01:44	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			10/26/21 01:44	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			10/26/21 01:44	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			10/26/21 01:44	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			10/26/21 01:44	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			10/26/21 01:44	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			10/26/21 01:44	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			10/26/21 01:44	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			10/26/21 01:44	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			10/26/21 01:44	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			10/26/21 01:44	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			10/26/21 01:44	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			10/26/21 01:44	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			10/26/21 01:44	2
2-Butanone (MEK)	ND		20	2.6	ug/L			10/26/21 01:44	2
2-Hexanone	ND		10	2.5	ug/L			10/26/21 01:44	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			10/26/21 01:44	2
Acetone	ND		20	6.0	ug/L			10/26/21 01:44	2
Benzene	ND		2.0	0.82	ug/L			10/26/21 01:44	2
Bromodichloromethane	ND		2.0	0.78	ug/L			10/26/21 01:44	2
Bromoform	ND		2.0	0.52	ug/L			10/26/21 01:44	2
Bromomethane	ND		2.0	1.4	ug/L			10/26/21 01:44	2
Carbon disulfide	ND		2.0	0.38	ug/L			10/26/21 01:44	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			10/26/21 01:44	2
Chlorobenzene	ND		2.0	1.5	ug/L			10/26/21 01:44	2
Chloroethane	ND		2.0	0.64	ug/L			10/26/21 01:44	2
Chloroform	ND		2.0	0.68	ug/L			10/26/21 01:44	2
Chloromethane	ND		2.0	0.70	ug/L			10/26/21 01:44	2

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-191279-1

Client Sample ID: MW 10 102121

Lab Sample ID: 480-191279-3

Date Collected: 10/21/21 08:45

Matrix: Water

Date Received: 10/22/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			10/26/21 01:44	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			10/26/21 01:44	2
Cyclohexane	ND		2.0	0.36	ug/L			10/26/21 01:44	2
Dibromochloromethane	ND		2.0	0.64	ug/L			10/26/21 01:44	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			10/26/21 01:44	2
Ethylbenzene	ND		2.0	1.5	ug/L			10/26/21 01:44	2
Isopropylbenzene	ND		2.0	1.6	ug/L			10/26/21 01:44	2
Methyl acetate	ND		5.0	2.6	ug/L			10/26/21 01:44	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			10/26/21 01:44	2
Methylcyclohexane	ND		2.0	0.32	ug/L			10/26/21 01:44	2
Methylene Chloride	ND		2.0	0.88	ug/L			10/26/21 01:44	2
Styrene	ND		2.0	1.5	ug/L			10/26/21 01:44	2
Tetrachloroethene	ND		2.0	0.72	ug/L			10/26/21 01:44	2
Toluene	ND		2.0	1.0	ug/L			10/26/21 01:44	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			10/26/21 01:44	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			10/26/21 01:44	2
Trichloroethene	64		2.0	0.92	ug/L			10/26/21 01:44	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			10/26/21 01:44	2
Vinyl chloride	ND		2.0	1.8	ug/L			10/26/21 01:44	2
Xylenes, Total	ND		4.0	1.3	ug/L			10/26/21 01:44	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		77 - 120		10/26/21 01:44	2
4-Bromofluorobenzene (Surr)	98		73 - 120		10/26/21 01:44	2
Dibromofluoromethane (Surr)	112		75 - 123		10/26/21 01:44	2
Toluene-d8 (Surr)	92		80 - 120		10/26/21 01:44	2

Client Sample ID: PZ-1 102121

Lab Sample ID: 480-191279-4

Date Collected: 10/21/21 09:00

Matrix: Water

Date Received: 10/22/21 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			10/26/21 02:07	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/26/21 02:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/26/21 02:07	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/26/21 02:07	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/26/21 02:07	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/26/21 02:07	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/26/21 02:07	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/26/21 02:07	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/26/21 02:07	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/26/21 02:07	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/26/21 02:07	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/26/21 02:07	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/26/21 02:07	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/26/21 02:07	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/26/21 02:07	1
2-Hexanone	ND		5.0	1.2	ug/L			10/26/21 02:07	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/26/21 02:07	1

Euromins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-191279-1

Client Sample ID: PZ-1 102121

Lab Sample ID: 480-191279-4

Date Collected: 10/21/21 09:00

Matrix: Water

Date Received: 10/22/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	4.7	J	10	3.0	ug/L			10/26/21 02:07	1
Benzene	ND		1.0	0.41	ug/L			10/26/21 02:07	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/26/21 02:07	1
Bromoform	ND		1.0	0.26	ug/L			10/26/21 02:07	1
Bromomethane	ND		1.0	0.69	ug/L			10/26/21 02:07	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/26/21 02:07	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/26/21 02:07	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/26/21 02:07	1
Chloroethane	ND		1.0	0.32	ug/L			10/26/21 02:07	1
Chloroform	ND		1.0	0.34	ug/L			10/26/21 02:07	1
Chloromethane	ND		1.0	0.35	ug/L			10/26/21 02:07	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/26/21 02:07	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/26/21 02:07	1
Cyclohexane	ND		1.0	0.18	ug/L			10/26/21 02:07	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/26/21 02:07	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/26/21 02:07	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/26/21 02:07	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/26/21 02:07	1
Methyl acetate	ND		2.5	1.3	ug/L			10/26/21 02:07	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/26/21 02:07	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/26/21 02:07	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/26/21 02:07	1
Styrene	ND		1.0	0.73	ug/L			10/26/21 02:07	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/26/21 02:07	1
Toluene	ND		1.0	0.51	ug/L			10/26/21 02:07	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/26/21 02:07	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/26/21 02:07	1
Trichloroethene	51		1.0	0.46	ug/L			10/26/21 02:07	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/26/21 02:07	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/26/21 02:07	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/26/21 02:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		77 - 120		10/26/21 02:07	1
4-Bromofluorobenzene (Surr)	100		73 - 120		10/26/21 02:07	1
Dibromofluoromethane (Surr)	108		75 - 123		10/26/21 02:07	1
Toluene-d8 (Surr)	94		80 - 120		10/26/21 02:07	1

Client Sample ID: MW 6 102121

Lab Sample ID: 480-191279-5

Date Collected: 10/21/21 09:20

Matrix: Water

Date Received: 10/22/21 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			10/26/21 02:29	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/26/21 02:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/26/21 02:29	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/26/21 02:29	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/26/21 02:29	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/26/21 02:29	1

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-191279-1

Client Sample ID: MW 6 102121

Lab Sample ID: 480-191279-5

Date Collected: 10/21/21 09:20

Matrix: Water

Date Received: 10/22/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/26/21 02:29	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/26/21 02:29	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/26/21 02:29	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/26/21 02:29	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/26/21 02:29	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/26/21 02:29	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/26/21 02:29	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/26/21 02:29	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/26/21 02:29	1
2-Hexanone	ND		5.0	1.2	ug/L			10/26/21 02:29	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/26/21 02:29	1
Acetone	4.2	J	10	3.0	ug/L			10/26/21 02:29	1
Benzene	ND		1.0	0.41	ug/L			10/26/21 02:29	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/26/21 02:29	1
Bromoform	ND		1.0	0.26	ug/L			10/26/21 02:29	1
Bromomethane	ND		1.0	0.69	ug/L			10/26/21 02:29	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/26/21 02:29	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/26/21 02:29	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/26/21 02:29	1
Chloroethane	ND		1.0	0.32	ug/L			10/26/21 02:29	1
Chloroform	ND		1.0	0.34	ug/L			10/26/21 02:29	1
Chloromethane	ND		1.0	0.35	ug/L			10/26/21 02:29	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/26/21 02:29	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/26/21 02:29	1
Cyclohexane	ND		1.0	0.18	ug/L			10/26/21 02:29	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/26/21 02:29	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/26/21 02:29	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/26/21 02:29	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/26/21 02:29	1
Methyl acetate	ND		2.5	1.3	ug/L			10/26/21 02:29	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/26/21 02:29	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/26/21 02:29	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/26/21 02:29	1
Styrene	ND		1.0	0.73	ug/L			10/26/21 02:29	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/26/21 02:29	1
Toluene	ND		1.0	0.51	ug/L			10/26/21 02:29	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/26/21 02:29	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/26/21 02:29	1
Trichloroethene	55		1.0	0.46	ug/L			10/26/21 02:29	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/26/21 02:29	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/26/21 02:29	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/26/21 02:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		77 - 120		10/26/21 02:29	1
4-Bromofluorobenzene (Surr)	94		73 - 120		10/26/21 02:29	1
Dibromofluoromethane (Surr)	116		75 - 123		10/26/21 02:29	1
Toluene-d8 (Surr)	92		80 - 120		10/26/21 02:29	1

Client Sample Results

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

Job ID: 480-191279-1

Client Sample ID: PZ-2 102121

Lab Sample ID: 480-191279-6

Date Collected: 10/21/21 09:50

Matrix: Water

Date Received: 10/22/21 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			10/26/21 02:51	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/26/21 02:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/26/21 02:51	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/26/21 02:51	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/26/21 02:51	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/26/21 02:51	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/26/21 02:51	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/26/21 02:51	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/26/21 02:51	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/26/21 02:51	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/26/21 02:51	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/26/21 02:51	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/26/21 02:51	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/26/21 02:51	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/26/21 02:51	1
2-Hexanone	ND		5.0	1.2	ug/L			10/26/21 02:51	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/26/21 02:51	1
Acetone	ND		10	3.0	ug/L			10/26/21 02:51	1
Benzene	ND		1.0	0.41	ug/L			10/26/21 02:51	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/26/21 02:51	1
Bromoform	ND		1.0	0.26	ug/L			10/26/21 02:51	1
Bromomethane	ND		1.0	0.69	ug/L			10/26/21 02:51	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/26/21 02:51	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/26/21 02:51	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/26/21 02:51	1
Chloroethane	ND		1.0	0.32	ug/L			10/26/21 02:51	1
Chloroform	ND		1.0	0.34	ug/L			10/26/21 02:51	1
Chloromethane	ND		1.0	0.35	ug/L			10/26/21 02:51	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/26/21 02:51	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/26/21 02:51	1
Cyclohexane	ND		1.0	0.18	ug/L			10/26/21 02:51	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/26/21 02:51	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/26/21 02:51	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/26/21 02:51	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/26/21 02:51	1
Methyl acetate	ND		2.5	1.3	ug/L			10/26/21 02:51	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/26/21 02:51	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/26/21 02:51	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/26/21 02:51	1
Styrene	ND		1.0	0.73	ug/L			10/26/21 02:51	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/26/21 02:51	1
Toluene	ND		1.0	0.51	ug/L			10/26/21 02:51	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/26/21 02:51	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/26/21 02:51	1
Trichloroethene	68		1.0	0.46	ug/L			10/26/21 02:51	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/26/21 02:51	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/26/21 02:51	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/26/21 02:51	1

Client Sample Results

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

Job ID: 480-191279-1

Client Sample ID: PZ-2 102121

Lab Sample ID: 480-191279-6

Date Collected: 10/21/21 09:50

Matrix: Water

Date Received: 10/22/21 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		77 - 120		10/26/21 02:51	1
4-Bromofluorobenzene (Surr)	103		73 - 120		10/26/21 02:51	1
Dibromofluoromethane (Surr)	107		75 - 123		10/26/21 02:51	1
Toluene-d8 (Surr)	101		80 - 120		10/26/21 02:51	1

Client Sample ID: MW 17 102121

Lab Sample ID: 480-191279-7

Date Collected: 10/21/21 10:10

Matrix: Water

Date Received: 10/22/21 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		2.0	1.6	ug/L			10/27/21 01:21	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			10/27/21 01:21	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			10/27/21 01:21	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			10/27/21 01:21	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			10/27/21 01:21	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			10/27/21 01:21	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			10/27/21 01:21	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			10/27/21 01:21	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			10/27/21 01:21	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			10/27/21 01:21	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			10/27/21 01:21	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			10/27/21 01:21	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			10/27/21 01:21	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			10/27/21 01:21	2
2-Butanone (MEK)	ND		20	2.6	ug/L			10/27/21 01:21	2
2-Hexanone	ND		10	2.5	ug/L			10/27/21 01:21	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			10/27/21 01:21	2
Acetone	ND		20	6.0	ug/L			10/27/21 01:21	2
Benzene	ND		2.0	0.82	ug/L			10/27/21 01:21	2
Bromodichloromethane	ND		2.0	0.78	ug/L			10/27/21 01:21	2
Bromoform	ND		2.0	0.52	ug/L			10/27/21 01:21	2
Bromomethane	ND		2.0	1.4	ug/L			10/27/21 01:21	2
Carbon disulfide	ND		2.0	0.38	ug/L			10/27/21 01:21	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			10/27/21 01:21	2
Chlorobenzene	ND		2.0	1.5	ug/L			10/27/21 01:21	2
Chloroethane	ND		2.0	0.64	ug/L			10/27/21 01:21	2
Chloroform	ND		2.0	0.68	ug/L			10/27/21 01:21	2
Chloromethane	ND		2.0	0.70	ug/L			10/27/21 01:21	2
cis-1,2-Dichloroethene	11		2.0	1.6	ug/L			10/27/21 01:21	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			10/27/21 01:21	2
Cyclohexane	ND		2.0	0.36	ug/L			10/27/21 01:21	2
Dibromochloromethane	ND		2.0	0.64	ug/L			10/27/21 01:21	2
Dichlorodifluoromethane	ND	*+	2.0	1.4	ug/L			10/27/21 01:21	2
Ethylbenzene	ND		2.0	1.5	ug/L			10/27/21 01:21	2
Isopropylbenzene	ND		2.0	1.6	ug/L			10/27/21 01:21	2
Methyl acetate	ND		5.0	2.6	ug/L			10/27/21 01:21	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			10/27/21 01:21	2
Methylcyclohexane	ND		2.0	0.32	ug/L			10/27/21 01:21	2
Methylene Chloride	ND		2.0	0.88	ug/L			10/27/21 01:21	2

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-191279-1

Client Sample ID: MW 17 102121

Lab Sample ID: 480-191279-7

Date Collected: 10/21/21 10:10

Matrix: Water

Date Received: 10/22/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	1.5	ug/L			10/27/21 01:21	2
Tetrachloroethene	3.3		2.0	0.72	ug/L			10/27/21 01:21	2
Toluene	ND		2.0	1.0	ug/L			10/27/21 01:21	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			10/27/21 01:21	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			10/27/21 01:21	2
Trichloroethene	100		2.0	0.92	ug/L			10/27/21 01:21	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			10/27/21 01:21	2
Vinyl chloride	ND		2.0	1.8	ug/L			10/27/21 01:21	2
Xylenes, Total	ND		4.0	1.3	ug/L			10/27/21 01:21	2
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		77 - 120					10/27/21 01:21	2
4-Bromofluorobenzene (Surr)	97		73 - 120					10/27/21 01:21	2
Dibromofluoromethane (Surr)	108		75 - 123					10/27/21 01:21	2
Toluene-d8 (Surr)	97		80 - 120					10/27/21 01:21	2

Client Sample ID: MW 21 102121

Lab Sample ID: 480-191279-8

Date Collected: 10/21/21 10:30

Matrix: Water

Date Received: 10/22/21 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			10/26/21 03:37	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/26/21 03:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/26/21 03:37	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/26/21 03:37	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/26/21 03:37	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/26/21 03:37	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/26/21 03:37	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/26/21 03:37	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/26/21 03:37	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/26/21 03:37	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/26/21 03:37	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/26/21 03:37	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/26/21 03:37	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/26/21 03:37	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/26/21 03:37	1
2-Hexanone	ND		5.0	1.2	ug/L			10/26/21 03:37	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/26/21 03:37	1
Acetone	3.8 J		10	3.0	ug/L			10/26/21 03:37	1
Benzene	ND		1.0	0.41	ug/L			10/26/21 03:37	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/26/21 03:37	1
Bromoform	ND		1.0	0.26	ug/L			10/26/21 03:37	1
Bromomethane	ND		1.0	0.69	ug/L			10/26/21 03:37	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/26/21 03:37	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/26/21 03:37	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/26/21 03:37	1
Chloroethane	ND		1.0	0.32	ug/L			10/26/21 03:37	1
Chloroform	ND		1.0	0.34	ug/L			10/26/21 03:37	1
Chloromethane	ND		1.0	0.35	ug/L			10/26/21 03:37	1

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-191279-1

Client Sample ID: MW 21 102121

Lab Sample ID: 480-191279-8

Date Collected: 10/21/21 10:30

Matrix: Water

Date Received: 10/22/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	8.1		1.0	0.81	ug/L			10/26/21 03:37	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/26/21 03:37	1
Cyclohexane	ND		1.0	0.18	ug/L			10/26/21 03:37	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/26/21 03:37	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/26/21 03:37	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/26/21 03:37	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/26/21 03:37	1
Methyl acetate	ND		2.5	1.3	ug/L			10/26/21 03:37	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/26/21 03:37	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/26/21 03:37	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/26/21 03:37	1
Styrene	ND		1.0	0.73	ug/L			10/26/21 03:37	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/26/21 03:37	1
Toluene	ND		1.0	0.51	ug/L			10/26/21 03:37	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/26/21 03:37	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/26/21 03:37	1
Trichloroethene	6.4		1.0	0.46	ug/L			10/26/21 03:37	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/26/21 03:37	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/26/21 03:37	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/26/21 03:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		77 - 120		10/26/21 03:37	1
4-Bromofluorobenzene (Surr)	91		73 - 120		10/26/21 03:37	1
Dibromofluoromethane (Surr)	103		75 - 123		10/26/21 03:37	1
Toluene-d8 (Surr)	92		80 - 120		10/26/21 03:37	1

Client Sample ID: MW 24 102121

Lab Sample ID: 480-191279-9

Date Collected: 10/21/21 10:45

Matrix: Water

Date Received: 10/22/21 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		5.0	4.1	ug/L			10/26/21 03:59	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			10/26/21 03:59	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6	ug/L			10/26/21 03:59	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			10/26/21 03:59	5
1,1-Dichloroethane	ND		5.0	1.9	ug/L			10/26/21 03:59	5
1,1-Dichloroethene	ND		5.0	1.5	ug/L			10/26/21 03:59	5
1,2,4-Trichlorobenzene	ND		5.0	2.1	ug/L			10/26/21 03:59	5
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/L			10/26/21 03:59	5
1,2-Dibromoethane	ND		5.0	3.7	ug/L			10/26/21 03:59	5
1,2-Dichlorobenzene	ND		5.0	4.0	ug/L			10/26/21 03:59	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			10/26/21 03:59	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			10/26/21 03:59	5
1,3-Dichlorobenzene	ND		5.0	3.9	ug/L			10/26/21 03:59	5
1,4-Dichlorobenzene	ND		5.0	4.2	ug/L			10/26/21 03:59	5
2-Butanone (MEK)	ND		50	6.6	ug/L			10/26/21 03:59	5
2-Hexanone	ND		25	6.2	ug/L			10/26/21 03:59	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			10/26/21 03:59	5

Euromins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-191279-1

Client Sample ID: MW 24 102121

Lab Sample ID: 480-191279-9

Date Collected: 10/21/21 10:45

Matrix: Water

Date Received: 10/22/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50	15	ug/L			10/26/21 03:59	5
Benzene	ND		5.0	2.1	ug/L			10/26/21 03:59	5
Bromodichloromethane	ND		5.0	2.0	ug/L			10/26/21 03:59	5
Bromoform	ND		5.0	1.3	ug/L			10/26/21 03:59	5
Bromomethane	ND		5.0	3.5	ug/L			10/26/21 03:59	5
Carbon disulfide	ND		5.0	0.95	ug/L			10/26/21 03:59	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			10/26/21 03:59	5
Chlorobenzene	ND		5.0	3.8	ug/L			10/26/21 03:59	5
Chloroethane	ND		5.0	1.6	ug/L			10/26/21 03:59	5
Chloroform	ND		5.0	1.7	ug/L			10/26/21 03:59	5
Chloromethane	ND		5.0	1.8	ug/L			10/26/21 03:59	5
cis-1,2-Dichloroethene	67		5.0	4.1	ug/L			10/26/21 03:59	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			10/26/21 03:59	5
Cyclohexane	ND		5.0	0.90	ug/L			10/26/21 03:59	5
Dibromochloromethane	ND		5.0	1.6	ug/L			10/26/21 03:59	5
Dichlorodifluoromethane	ND		5.0	3.4	ug/L			10/26/21 03:59	5
Ethylbenzene	ND		5.0	3.7	ug/L			10/26/21 03:59	5
Isopropylbenzene	ND		5.0	4.0	ug/L			10/26/21 03:59	5
Methyl acetate	ND		13	6.5	ug/L			10/26/21 03:59	5
Methyl tert-butyl ether	ND		5.0	0.80	ug/L			10/26/21 03:59	5
Methylcyclohexane	ND		5.0	0.80	ug/L			10/26/21 03:59	5
Methylene Chloride	ND		5.0	2.2	ug/L			10/26/21 03:59	5
Styrene	ND		5.0	3.7	ug/L			10/26/21 03:59	5
Tetrachloroethene	ND		5.0	1.8	ug/L			10/26/21 03:59	5
Toluene	ND		5.0	2.6	ug/L			10/26/21 03:59	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			10/26/21 03:59	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			10/26/21 03:59	5
Trichloroethene	330		5.0	2.3	ug/L			10/26/21 03:59	5
Trichlorofluoromethane	ND		5.0	4.4	ug/L			10/26/21 03:59	5
Vinyl chloride	ND		5.0	4.5	ug/L			10/26/21 03:59	5
Xylenes, Total	ND		10	3.3	ug/L			10/26/21 03:59	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		10/26/21 03:59	5
4-Bromofluorobenzene (Surr)	96		73 - 120		10/26/21 03:59	5
Dibromofluoromethane (Surr)	109		75 - 123		10/26/21 03:59	5
Toluene-d8 (Surr)	97		80 - 120		10/26/21 03:59	5

Client Sample ID: MW 15 102121

Lab Sample ID: 480-191279-10

Date Collected: 10/21/21 11:45

Matrix: Water

Date Received: 10/22/21 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			10/26/21 04:21	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/26/21 04:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/26/21 04:21	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/26/21 04:21	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/26/21 04:21	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/26/21 04:21	1

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-191279-1

Client Sample ID: MW 15 102121

Lab Sample ID: 480-191279-10

Date Collected: 10/21/21 11:45

Matrix: Water

Date Received: 10/22/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/26/21 04:21	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/26/21 04:21	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/26/21 04:21	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/26/21 04:21	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/26/21 04:21	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/26/21 04:21	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/26/21 04:21	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/26/21 04:21	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/26/21 04:21	1
2-Hexanone	ND		5.0	1.2	ug/L			10/26/21 04:21	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/26/21 04:21	1
Acetone	ND		10	3.0	ug/L			10/26/21 04:21	1
Benzene	ND		1.0	0.41	ug/L			10/26/21 04:21	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/26/21 04:21	1
Bromoform	ND		1.0	0.26	ug/L			10/26/21 04:21	1
Bromomethane	ND		1.0	0.69	ug/L			10/26/21 04:21	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/26/21 04:21	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/26/21 04:21	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/26/21 04:21	1
Chloroethane	ND		1.0	0.32	ug/L			10/26/21 04:21	1
Chloroform	ND		1.0	0.34	ug/L			10/26/21 04:21	1
Chloromethane	ND		1.0	0.35	ug/L			10/26/21 04:21	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/26/21 04:21	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/26/21 04:21	1
Cyclohexane	ND		1.0	0.18	ug/L			10/26/21 04:21	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/26/21 04:21	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/26/21 04:21	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/26/21 04:21	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/26/21 04:21	1
Methyl acetate	ND		2.5	1.3	ug/L			10/26/21 04:21	1
Methyl tert-butyl ether	0.18	J	1.0	0.16	ug/L			10/26/21 04:21	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/26/21 04:21	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/26/21 04:21	1
Styrene	ND		1.0	0.73	ug/L			10/26/21 04:21	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/26/21 04:21	1
Toluene	ND		1.0	0.51	ug/L			10/26/21 04:21	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/26/21 04:21	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/26/21 04:21	1
Trichloroethene	1.5		1.0	0.46	ug/L			10/26/21 04:21	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/26/21 04:21	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/26/21 04:21	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/26/21 04:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		10/26/21 04:21	1
4-Bromofluorobenzene (Surr)	90		73 - 120		10/26/21 04:21	1
Dibromofluoromethane (Surr)	107		75 - 123		10/26/21 04:21	1
Toluene-d8 (Surr)	92		80 - 120		10/26/21 04:21	1

Client Sample Results

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

Job ID: 480-191279-1

Client Sample ID: MW 13 102121

Lab Sample ID: 480-191279-11

Date Collected: 10/21/21 12:10

Matrix: Water

Date Received: 10/22/21 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		4.0	3.3	ug/L			10/26/21 04:44	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			10/26/21 04:44	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2	ug/L			10/26/21 04:44	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			10/26/21 04:44	4
1,1-Dichloroethane	ND		4.0	1.5	ug/L			10/26/21 04:44	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			10/26/21 04:44	4
1,2,4-Trichlorobenzene	ND		4.0	1.6	ug/L			10/26/21 04:44	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			10/26/21 04:44	4
1,2-Dibromoethane	ND		4.0	2.9	ug/L			10/26/21 04:44	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			10/26/21 04:44	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			10/26/21 04:44	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			10/26/21 04:44	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			10/26/21 04:44	4
1,4-Dichlorobenzene	ND		4.0	3.4	ug/L			10/26/21 04:44	4
2-Butanone (MEK)	ND		40	5.3	ug/L			10/26/21 04:44	4
2-Hexanone	ND		20	5.0	ug/L			10/26/21 04:44	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			10/26/21 04:44	4
Acetone	ND		40	12	ug/L			10/26/21 04:44	4
Benzene	ND		4.0	1.6	ug/L			10/26/21 04:44	4
Bromodichloromethane	ND		4.0	1.6	ug/L			10/26/21 04:44	4
Bromoform	ND		4.0	1.0	ug/L			10/26/21 04:44	4
Bromomethane	ND		4.0	2.8	ug/L			10/26/21 04:44	4
Carbon disulfide	ND		4.0	0.76	ug/L			10/26/21 04:44	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			10/26/21 04:44	4
Chlorobenzene	ND		4.0	3.0	ug/L			10/26/21 04:44	4
Chloroethane	ND		4.0	1.3	ug/L			10/26/21 04:44	4
Chloroform	ND		4.0	1.4	ug/L			10/26/21 04:44	4
Chloromethane	ND		4.0	1.4	ug/L			10/26/21 04:44	4
cis-1,2-Dichloroethene	ND		4.0	3.2	ug/L			10/26/21 04:44	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			10/26/21 04:44	4
Cyclohexane	ND		4.0	0.72	ug/L			10/26/21 04:44	4
Dibromochloromethane	ND		4.0	1.3	ug/L			10/26/21 04:44	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			10/26/21 04:44	4
Ethylbenzene	ND		4.0	3.0	ug/L			10/26/21 04:44	4
Isopropylbenzene	ND		4.0	3.2	ug/L			10/26/21 04:44	4
Methyl acetate	ND		10	5.2	ug/L			10/26/21 04:44	4
Methyl tert-butyl ether	ND		4.0	0.64	ug/L			10/26/21 04:44	4
Methylcyclohexane	ND		4.0	0.64	ug/L			10/26/21 04:44	4
Methylene Chloride	ND		4.0	1.8	ug/L			10/26/21 04:44	4
Styrene	ND		4.0	2.9	ug/L			10/26/21 04:44	4
Tetrachloroethene	ND		4.0	1.4	ug/L			10/26/21 04:44	4
Toluene	ND		4.0	2.0	ug/L			10/26/21 04:44	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			10/26/21 04:44	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			10/26/21 04:44	4
Trichloroethene	230		4.0	1.8	ug/L			10/26/21 04:44	4
Trichlorofluoromethane	ND		4.0	3.5	ug/L			10/26/21 04:44	4
Vinyl chloride	ND		4.0	3.6	ug/L			10/26/21 04:44	4
Xylenes, Total	ND		8.0	2.6	ug/L			10/26/21 04:44	4

Client Sample Results

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

Job ID: 480-191279-1

Client Sample ID: MW 13 102121

Lab Sample ID: 480-191279-11

Date Collected: 10/21/21 12:10

Matrix: Water

Date Received: 10/22/21 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		10/26/21 04:44	4
4-Bromofluorobenzene (Surr)	93		73 - 120		10/26/21 04:44	4
Dibromofluoromethane (Surr)	107		75 - 123		10/26/21 04:44	4
Toluene-d8 (Surr)	95		80 - 120		10/26/21 04:44	4

Client Sample ID: MW 14 102121

Lab Sample ID: 480-191279-12

Date Collected: 10/21/21 12:25

Matrix: Water

Date Received: 10/22/21 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		5.0	4.1	ug/L			10/26/21 05:07	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			10/26/21 05:07	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6	ug/L			10/26/21 05:07	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			10/26/21 05:07	5
1,1-Dichloroethane	ND		5.0	1.9	ug/L			10/26/21 05:07	5
1,1-Dichloroethene	ND		5.0	1.5	ug/L			10/26/21 05:07	5
1,2,4-Trichlorobenzene	ND		5.0	2.1	ug/L			10/26/21 05:07	5
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/L			10/26/21 05:07	5
1,2-Dibromoethane	ND		5.0	3.7	ug/L			10/26/21 05:07	5
1,2-Dichlorobenzene	ND		5.0	4.0	ug/L			10/26/21 05:07	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			10/26/21 05:07	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			10/26/21 05:07	5
1,3-Dichlorobenzene	ND		5.0	3.9	ug/L			10/26/21 05:07	5
1,4-Dichlorobenzene	ND		5.0	4.2	ug/L			10/26/21 05:07	5
2-Butanone (MEK)	ND		50	6.6	ug/L			10/26/21 05:07	5
2-Hexanone	ND		25	6.2	ug/L			10/26/21 05:07	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			10/26/21 05:07	5
Acetone	ND		50	15	ug/L			10/26/21 05:07	5
Benzene	ND		5.0	2.1	ug/L			10/26/21 05:07	5
Bromodichloromethane	ND		5.0	2.0	ug/L			10/26/21 05:07	5
Bromoform	ND		5.0	1.3	ug/L			10/26/21 05:07	5
Bromomethane	ND		5.0	3.5	ug/L			10/26/21 05:07	5
Carbon disulfide	ND		5.0	0.95	ug/L			10/26/21 05:07	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			10/26/21 05:07	5
Chlorobenzene	ND		5.0	3.8	ug/L			10/26/21 05:07	5
Chloroethane	ND		5.0	1.6	ug/L			10/26/21 05:07	5
Chloroform	ND		5.0	1.7	ug/L			10/26/21 05:07	5
Chloromethane	ND		5.0	1.8	ug/L			10/26/21 05:07	5
cis-1,2-Dichloroethene	ND		5.0	4.1	ug/L			10/26/21 05:07	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			10/26/21 05:07	5
Cyclohexane	ND		5.0	0.90	ug/L			10/26/21 05:07	5
Dibromochloromethane	ND		5.0	1.6	ug/L			10/26/21 05:07	5
Dichlorodifluoromethane	ND		5.0	3.4	ug/L			10/26/21 05:07	5
Ethylbenzene	ND		5.0	3.7	ug/L			10/26/21 05:07	5
Isopropylbenzene	ND		5.0	4.0	ug/L			10/26/21 05:07	5
Methyl acetate	ND		13	6.5	ug/L			10/26/21 05:07	5
Methyl tert-butyl ether	ND		5.0	0.80	ug/L			10/26/21 05:07	5
Methylcyclohexane	ND		5.0	0.80	ug/L			10/26/21 05:07	5
Methylene Chloride	ND		5.0	2.2	ug/L			10/26/21 05:07	5

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-191279-1

Client Sample ID: MW 14 102121

Lab Sample ID: 480-191279-12

Date Collected: 10/21/21 12:25

Matrix: Water

Date Received: 10/22/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		5.0	3.7	ug/L			10/26/21 05:07	5
Tetrachloroethene	ND		5.0	1.8	ug/L			10/26/21 05:07	5
Toluene	ND		5.0	2.6	ug/L			10/26/21 05:07	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			10/26/21 05:07	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			10/26/21 05:07	5
Trichloroethene	150		5.0	2.3	ug/L			10/26/21 05:07	5
Trichlorofluoromethane	ND		5.0	4.4	ug/L			10/26/21 05:07	5
Vinyl chloride	ND		5.0	4.5	ug/L			10/26/21 05:07	5
Xylenes, Total	ND		10	3.3	ug/L			10/26/21 05:07	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		77 - 120					10/26/21 05:07	5
4-Bromofluorobenzene (Surr)	97		73 - 120					10/26/21 05:07	5
Dibromofluoromethane (Surr)	111		75 - 123					10/26/21 05:07	5
Toluene-d8 (Surr)	93		80 - 120					10/26/21 05:07	5

Client Sample ID: MW 22 102121

Lab Sample ID: 480-191279-13

Date Collected: 10/21/21 13:00

Matrix: Water

Date Received: 10/22/21 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			10/26/21 05:30	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/26/21 05:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/26/21 05:30	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/26/21 05:30	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/26/21 05:30	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/26/21 05:30	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/26/21 05:30	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/26/21 05:30	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/26/21 05:30	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/26/21 05:30	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/26/21 05:30	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/26/21 05:30	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/26/21 05:30	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/26/21 05:30	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/26/21 05:30	1
2-Hexanone	ND		5.0	1.2	ug/L			10/26/21 05:30	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/26/21 05:30	1
Acetone	3.6 J		10	3.0	ug/L			10/26/21 05:30	1
Benzene	ND		1.0	0.41	ug/L			10/26/21 05:30	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/26/21 05:30	1
Bromoform	ND		1.0	0.26	ug/L			10/26/21 05:30	1
Bromomethane	ND		1.0	0.69	ug/L			10/26/21 05:30	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/26/21 05:30	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/26/21 05:30	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/26/21 05:30	1
Chloroethane	ND		1.0	0.32	ug/L			10/26/21 05:30	1
Chloroform	ND		1.0	0.34	ug/L			10/26/21 05:30	1
Chloromethane	ND		1.0	0.35	ug/L			10/26/21 05:30	1

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-191279-1

Client Sample ID: MW 22 102121

Lab Sample ID: 480-191279-13

Date Collected: 10/21/21 13:00

Matrix: Water

Date Received: 10/22/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	7.8		1.0	0.81	ug/L			10/26/21 05:30	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/26/21 05:30	1
Cyclohexane	ND		1.0	0.18	ug/L			10/26/21 05:30	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/26/21 05:30	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/26/21 05:30	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/26/21 05:30	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/26/21 05:30	1
Methyl acetate	ND		2.5	1.3	ug/L			10/26/21 05:30	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/26/21 05:30	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/26/21 05:30	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/26/21 05:30	1
Styrene	ND		1.0	0.73	ug/L			10/26/21 05:30	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/26/21 05:30	1
Toluene	ND		1.0	0.51	ug/L			10/26/21 05:30	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/26/21 05:30	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/26/21 05:30	1
Trichloroethene	5.5		1.0	0.46	ug/L			10/26/21 05:30	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/26/21 05:30	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/26/21 05:30	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/26/21 05:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		77 - 120		10/26/21 05:30	1
4-Bromofluorobenzene (Surr)	96		73 - 120		10/26/21 05:30	1
Dibromofluoromethane (Surr)	107		75 - 123		10/26/21 05:30	1
Toluene-d8 (Surr)	94		80 - 120		10/26/21 05:30	1

Client Sample ID: MW 18 102121

Lab Sample ID: 480-191279-14

Date Collected: 10/21/21 13:15

Matrix: Water

Date Received: 10/22/21 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		20	16	ug/L			10/26/21 05:52	20
1,1,2,2-Tetrachloroethane	ND		20	4.2	ug/L			10/26/21 05:52	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	6.2	ug/L			10/26/21 05:52	20
1,1,2-Trichloroethane	ND		20	4.6	ug/L			10/26/21 05:52	20
1,1-Dichloroethane	ND		20	7.6	ug/L			10/26/21 05:52	20
1,1-Dichloroethene	ND		20	5.8	ug/L			10/26/21 05:52	20
1,2,4-Trichlorobenzene	ND		20	8.2	ug/L			10/26/21 05:52	20
1,2-Dibromo-3-Chloropropane	ND		20	7.8	ug/L			10/26/21 05:52	20
1,2-Dibromoethane	ND		20	15	ug/L			10/26/21 05:52	20
1,2-Dichlorobenzene	ND		20	16	ug/L			10/26/21 05:52	20
1,2-Dichloroethane	ND		20	4.2	ug/L			10/26/21 05:52	20
1,2-Dichloropropane	ND		20	14	ug/L			10/26/21 05:52	20
1,3-Dichlorobenzene	ND		20	16	ug/L			10/26/21 05:52	20
1,4-Dichlorobenzene	ND		20	17	ug/L			10/26/21 05:52	20
2-Butanone (MEK)	ND		200	26	ug/L			10/26/21 05:52	20
2-Hexanone	ND		100	25	ug/L			10/26/21 05:52	20
4-Methyl-2-pentanone (MIBK)	ND		100	42	ug/L			10/26/21 05:52	20

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-191279-1

Client Sample ID: MW 18 102121

Lab Sample ID: 480-191279-14

Date Collected: 10/21/21 13:15

Matrix: Water

Date Received: 10/22/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND	F2	200	60	ug/L			10/26/21 05:52	20
Benzene	ND		20	8.2	ug/L			10/26/21 05:52	20
Bromodichloromethane	ND		20	7.8	ug/L			10/26/21 05:52	20
Bromoform	ND		20	5.2	ug/L			10/26/21 05:52	20
Bromomethane	ND		20	14	ug/L			10/26/21 05:52	20
Carbon disulfide	ND		20	3.8	ug/L			10/26/21 05:52	20
Carbon tetrachloride	ND		20	5.4	ug/L			10/26/21 05:52	20
Chlorobenzene	ND		20	15	ug/L			10/26/21 05:52	20
Chloroethane	ND		20	6.4	ug/L			10/26/21 05:52	20
Chloroform	ND		20	6.8	ug/L			10/26/21 05:52	20
Chloromethane	ND		20	7.0	ug/L			10/26/21 05:52	20
cis-1,2-Dichloroethene	750	F1	20	16	ug/L			10/26/21 05:52	20
cis-1,3-Dichloropropene	ND		20	7.2	ug/L			10/26/21 05:52	20
Cyclohexane	ND		20	3.6	ug/L			10/26/21 05:52	20
Dibromochloromethane	ND		20	6.4	ug/L			10/26/21 05:52	20
Dichlorodifluoromethane	ND		20	14	ug/L			10/26/21 05:52	20
Ethylbenzene	ND		20	15	ug/L			10/26/21 05:52	20
Isopropylbenzene	ND		20	16	ug/L			10/26/21 05:52	20
Methyl acetate	ND		50	26	ug/L			10/26/21 05:52	20
Methyl tert-butyl ether	ND		20	3.2	ug/L			10/26/21 05:52	20
Methylcyclohexane	ND		20	3.2	ug/L			10/26/21 05:52	20
Methylene Chloride	ND		20	8.8	ug/L			10/26/21 05:52	20
Styrene	ND		20	15	ug/L			10/26/21 05:52	20
Tetrachloroethene	ND		20	7.2	ug/L			10/26/21 05:52	20
Toluene	ND		20	10	ug/L			10/26/21 05:52	20
trans-1,2-Dichloroethene	ND		20	18	ug/L			10/26/21 05:52	20
trans-1,3-Dichloropropene	ND		20	7.4	ug/L			10/26/21 05:52	20
Trichloroethene	1400	F1	20	9.2	ug/L			10/26/21 05:52	20
Trichlorofluoromethane	ND		20	18	ug/L			10/26/21 05:52	20
Vinyl chloride	ND		20	18	ug/L			10/26/21 05:52	20
Xylenes, Total	ND		40	13	ug/L			10/26/21 05:52	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	115		77 - 120		10/26/21 05:52	20
4-Bromofluorobenzene (Surr)	104		73 - 120		10/26/21 05:52	20
Dibromofluoromethane (Surr)	106		75 - 123		10/26/21 05:52	20
Toluene-d8 (Surr)	100		80 - 120		10/26/21 05:52	20

Client Sample ID: MW 12 102121

Lab Sample ID: 480-191279-15

Date Collected: 10/21/21 13:40

Matrix: Water

Date Received: 10/22/21 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			10/26/21 06:15	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/26/21 06:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/26/21 06:15	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/26/21 06:15	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/26/21 06:15	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/26/21 06:15	1

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-191279-1

Client Sample ID: MW 12 102121

Lab Sample ID: 480-191279-15

Date Collected: 10/21/21 13:40

Matrix: Water

Date Received: 10/22/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/26/21 06:15	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/26/21 06:15	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/26/21 06:15	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/26/21 06:15	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/26/21 06:15	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/26/21 06:15	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/26/21 06:15	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/26/21 06:15	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/26/21 06:15	1
2-Hexanone	ND		5.0	1.2	ug/L			10/26/21 06:15	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/26/21 06:15	1
Acetone	ND		10	3.0	ug/L			10/26/21 06:15	1
Benzene	ND		1.0	0.41	ug/L			10/26/21 06:15	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/26/21 06:15	1
Bromoform	ND		1.0	0.26	ug/L			10/26/21 06:15	1
Bromomethane	ND		1.0	0.69	ug/L			10/26/21 06:15	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/26/21 06:15	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/26/21 06:15	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/26/21 06:15	1
Chloroethane	ND		1.0	0.32	ug/L			10/26/21 06:15	1
Chloroform	ND		1.0	0.34	ug/L			10/26/21 06:15	1
Chloromethane	ND		1.0	0.35	ug/L			10/26/21 06:15	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/26/21 06:15	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/26/21 06:15	1
Cyclohexane	ND		1.0	0.18	ug/L			10/26/21 06:15	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/26/21 06:15	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/26/21 06:15	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/26/21 06:15	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/26/21 06:15	1
Methyl acetate	ND		2.5	1.3	ug/L			10/26/21 06:15	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/26/21 06:15	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/26/21 06:15	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/26/21 06:15	1
Styrene	ND		1.0	0.73	ug/L			10/26/21 06:15	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/26/21 06:15	1
Toluene	ND		1.0	0.51	ug/L			10/26/21 06:15	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/26/21 06:15	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/26/21 06:15	1
Trichloroethene	13		1.0	0.46	ug/L			10/26/21 06:15	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/26/21 06:15	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/26/21 06:15	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/26/21 06:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		77 - 120		10/26/21 06:15	1
4-Bromofluorobenzene (Surr)	97		73 - 120		10/26/21 06:15	1
Dibromofluoromethane (Surr)	106		75 - 123		10/26/21 06:15	1
Toluene-d8 (Surr)	93		80 - 120		10/26/21 06:15	1

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-191279-1

Client Sample ID: MW 9 102121

Lab Sample ID: 480-191279-16

Date Collected: 10/21/21 14:00

Matrix: Water

Date Received: 10/22/21 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			10/26/21 06:38	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/26/21 06:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/26/21 06:38	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/26/21 06:38	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/26/21 06:38	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/26/21 06:38	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/26/21 06:38	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/26/21 06:38	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/26/21 06:38	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/26/21 06:38	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/26/21 06:38	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/26/21 06:38	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/26/21 06:38	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/26/21 06:38	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/26/21 06:38	1
2-Hexanone	ND		5.0	1.2	ug/L			10/26/21 06:38	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/26/21 06:38	1
Acetone	4.5	J	10	3.0	ug/L			10/26/21 06:38	1
Benzene	ND		1.0	0.41	ug/L			10/26/21 06:38	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/26/21 06:38	1
Bromoform	ND		1.0	0.26	ug/L			10/26/21 06:38	1
Bromomethane	ND		1.0	0.69	ug/L			10/26/21 06:38	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/26/21 06:38	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/26/21 06:38	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/26/21 06:38	1
Chloroethane	ND		1.0	0.32	ug/L			10/26/21 06:38	1
Chloroform	ND		1.0	0.34	ug/L			10/26/21 06:38	1
Chloromethane	ND		1.0	0.35	ug/L			10/26/21 06:38	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/26/21 06:38	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/26/21 06:38	1
Cyclohexane	ND		1.0	0.18	ug/L			10/26/21 06:38	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/26/21 06:38	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/26/21 06:38	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/26/21 06:38	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/26/21 06:38	1
Methyl acetate	ND		2.5	1.3	ug/L			10/26/21 06:38	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/26/21 06:38	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/26/21 06:38	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/26/21 06:38	1
Styrene	ND		1.0	0.73	ug/L			10/26/21 06:38	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/26/21 06:38	1
Toluene	ND		1.0	0.51	ug/L			10/26/21 06:38	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/26/21 06:38	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/26/21 06:38	1
Trichloroethene	37		1.0	0.46	ug/L			10/26/21 06:38	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/26/21 06:38	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/26/21 06:38	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/26/21 06:38	1

Client Sample Results

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

Job ID: 480-191279-1

Client Sample ID: MW 9 102121

Lab Sample ID: 480-191279-16

Date Collected: 10/21/21 14:00

Matrix: Water

Date Received: 10/22/21 08:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		77 - 120		10/26/21 06:38	1
4-Bromofluorobenzene (Surr)	94		73 - 120		10/26/21 06:38	1
Dibromofluoromethane (Surr)	106		75 - 123		10/26/21 06:38	1
Toluene-d8 (Surr)	90		80 - 120		10/26/21 06:38	1

Client Sample ID: MW 16 102121

Lab Sample ID: 480-191279-17

Date Collected: 10/21/21 14:45

Matrix: Water

Date Received: 10/22/21 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			10/26/21 07:01	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/26/21 07:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/26/21 07:01	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/26/21 07:01	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/26/21 07:01	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/26/21 07:01	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/26/21 07:01	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/26/21 07:01	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/26/21 07:01	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/26/21 07:01	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/26/21 07:01	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/26/21 07:01	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/26/21 07:01	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/26/21 07:01	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/26/21 07:01	1
2-Hexanone	ND		5.0	1.2	ug/L			10/26/21 07:01	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/26/21 07:01	1
Acetone	ND		10	3.0	ug/L			10/26/21 07:01	1
Benzene	ND		1.0	0.41	ug/L			10/26/21 07:01	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/26/21 07:01	1
Bromoform	ND		1.0	0.26	ug/L			10/26/21 07:01	1
Bromomethane	ND		1.0	0.69	ug/L			10/26/21 07:01	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/26/21 07:01	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/26/21 07:01	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/26/21 07:01	1
Chloroethane	ND		1.0	0.32	ug/L			10/26/21 07:01	1
Chloroform	ND		1.0	0.34	ug/L			10/26/21 07:01	1
Chloromethane	ND		1.0	0.35	ug/L			10/26/21 07:01	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/26/21 07:01	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/26/21 07:01	1
Cyclohexane	ND		1.0	0.18	ug/L			10/26/21 07:01	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/26/21 07:01	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/26/21 07:01	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/26/21 07:01	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/26/21 07:01	1
Methyl acetate	ND		2.5	1.3	ug/L			10/26/21 07:01	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/26/21 07:01	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/26/21 07:01	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/26/21 07:01	1

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-191279-1

Client Sample ID: MW 16 102121

Lab Sample ID: 480-191279-17

Date Collected: 10/21/21 14:45

Matrix: Water

Date Received: 10/22/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		1.0	0.73	ug/L			10/26/21 07:01	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/26/21 07:01	1
Toluene	ND		1.0	0.51	ug/L			10/26/21 07:01	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/26/21 07:01	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/26/21 07:01	1
Trichloroethene	1.4		1.0	0.46	ug/L			10/26/21 07:01	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/26/21 07:01	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/26/21 07:01	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/26/21 07:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		77 - 120		10/26/21 07:01	1
4-Bromofluorobenzene (Surr)	99		73 - 120		10/26/21 07:01	1
Dibromofluoromethane (Surr)	111		75 - 123		10/26/21 07:01	1
Toluene-d8 (Surr)	95		80 - 120		10/26/21 07:01	1

Client Sample ID: Trip Blank

Lab Sample ID: 480-191279-18

Date Collected: 10/21/21 00:00

Matrix: Water

Date Received: 10/22/21 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			10/26/21 07:24	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/26/21 07:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/26/21 07:24	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/26/21 07:24	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/26/21 07:24	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/26/21 07:24	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/26/21 07:24	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/26/21 07:24	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/26/21 07:24	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/26/21 07:24	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/26/21 07:24	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/26/21 07:24	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/26/21 07:24	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/26/21 07:24	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/26/21 07:24	1
2-Hexanone	ND		5.0	1.2	ug/L			10/26/21 07:24	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/26/21 07:24	1
Acetone	ND		10	3.0	ug/L			10/26/21 07:24	1
Benzene	ND		1.0	0.41	ug/L			10/26/21 07:24	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/26/21 07:24	1
Bromoform	ND		1.0	0.26	ug/L			10/26/21 07:24	1
Bromomethane	ND		1.0	0.69	ug/L			10/26/21 07:24	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/26/21 07:24	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/26/21 07:24	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/26/21 07:24	1
Chloroethane	ND		1.0	0.32	ug/L			10/26/21 07:24	1
Chloroform	ND		1.0	0.34	ug/L			10/26/21 07:24	1
Chloromethane	ND		1.0	0.35	ug/L			10/26/21 07:24	1

Eurofins TestAmerica, Buffalo

Client Sample Results

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

Job ID: 480-191279-1

Client Sample ID: Trip Blank

Lab Sample ID: 480-191279-18

Date Collected: 10/21/21 00:00

Matrix: Water

Date Received: 10/22/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/26/21 07:24	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/26/21 07:24	1
Cyclohexane	ND		1.0	0.18	ug/L			10/26/21 07:24	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/26/21 07:24	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/26/21 07:24	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/26/21 07:24	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/26/21 07:24	1
Methyl acetate	ND		2.5	1.3	ug/L			10/26/21 07:24	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/26/21 07:24	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/26/21 07:24	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/26/21 07:24	1
Styrene	ND		1.0	0.73	ug/L			10/26/21 07:24	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/26/21 07:24	1
Toluene	ND		1.0	0.51	ug/L			10/26/21 07:24	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/26/21 07:24	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/26/21 07:24	1
Trichloroethene	ND		1.0	0.46	ug/L			10/26/21 07:24	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/26/21 07:24	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/26/21 07:24	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/26/21 07:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		77 - 120		10/26/21 07:24	1
4-Bromofluorobenzene (Surr)	96		73 - 120		10/26/21 07:24	1
Dibromofluoromethane (Surr)	106		75 - 123		10/26/21 07:24	1
Toluene-d8 (Surr)	97		80 - 120		10/26/21 07:24	1

Surrogate Summary

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

Job ID: 480-191279-1

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

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (77-120)	BFB (73-120)	DBFM (75-123)	TOL (80-120)
480-191279-1	MW 5 102121	104	106	105	99
480-191279-2	MW 11 102121	103	93	105	95
480-191279-3	MW 10 102121	111	98	112	92
480-191279-4	PZ-1 102121	113	100	108	94
480-191279-5	MW 6 102121	107	94	116	92
480-191279-6	PZ-2 102121	109	103	107	101
480-191279-7	MW 17 102121	97	97	108	97
480-191279-8	MW 21 102121	111	91	103	92
480-191279-9	MW 24 102121	104	96	109	97
480-191279-10	MW 15 102121	104	90	107	92
480-191279-11	MW 13 102121	104	93	107	95
480-191279-12	MW 14 102121	108	97	111	93
480-191279-13	MW 22 102121	110	96	107	94
480-191279-14	MW 18 102121	115	104	106	100
480-191279-14 MS	MW 18 102121	99	96	100	96
480-191279-14 MSD	MW 18 102121	102	95	106	96
480-191279-15	MW 12 102121	112	97	106	93
480-191279-16	MW 9 102121	110	94	106	90
480-191279-17	MW 16 102121	109	99	111	95
480-191279-18	Trip Blank	108	96	106	97
LCS 480-601935/6	Lab Control Sample	107	93	107	95
LCS 480-601974/5	Lab Control Sample	105	97	109	98
MB 480-601935/8	Method Blank	104	91	107	98
MB 480-601974/7	Method Blank	107	100	109	97

Surrogate Legend

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

QC Sample Results

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

Job ID: 480-191279-1

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

Lab Sample ID: MB 480-601935/8

Matrix: Water

Analysis Batch: 601935

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/26/21 00:12	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/26/21 00:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/26/21 00:12	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/26/21 00:12	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/26/21 00:12	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/26/21 00:12	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/26/21 00:12	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/26/21 00:12	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/26/21 00:12	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/26/21 00:12	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/26/21 00:12	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/26/21 00:12	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/26/21 00:12	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/26/21 00:12	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/26/21 00:12	1
2-Hexanone	ND		5.0	1.2	ug/L			10/26/21 00:12	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/26/21 00:12	1
Acetone	ND		10	3.0	ug/L			10/26/21 00:12	1
Benzene	ND		1.0	0.41	ug/L			10/26/21 00:12	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/26/21 00:12	1
Bromoform	ND		1.0	0.26	ug/L			10/26/21 00:12	1
Bromomethane	ND		1.0	0.69	ug/L			10/26/21 00:12	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/26/21 00:12	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/26/21 00:12	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/26/21 00:12	1
Chloroethane	ND		1.0	0.32	ug/L			10/26/21 00:12	1
Chloroform	ND		1.0	0.34	ug/L			10/26/21 00:12	1
Chloromethane	ND		1.0	0.35	ug/L			10/26/21 00:12	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/26/21 00:12	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/26/21 00:12	1
Cyclohexane	ND		1.0	0.18	ug/L			10/26/21 00:12	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/26/21 00:12	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/26/21 00:12	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/26/21 00:12	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/26/21 00:12	1
Methyl acetate	ND		2.5	1.3	ug/L			10/26/21 00:12	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/26/21 00:12	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/26/21 00:12	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/26/21 00:12	1
Styrene	ND		1.0	0.73	ug/L			10/26/21 00:12	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/26/21 00:12	1
Toluene	ND		1.0	0.51	ug/L			10/26/21 00:12	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/26/21 00:12	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/26/21 00:12	1
Trichloroethene	ND		1.0	0.46	ug/L			10/26/21 00:12	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/26/21 00:12	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/26/21 00:12	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/26/21 00:12	1

Eurofins TestAmerica, Buffalo

QC Sample Results

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

Job ID: 480-191279-1

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

Lab Sample ID: MB 480-601935/8

Matrix: Water

Analysis Batch: 601935

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		10/26/21 00:12	1
4-Bromofluorobenzene (Surr)	91		73 - 120		10/26/21 00:12	1
Dibromofluoromethane (Surr)	107		75 - 123		10/26/21 00:12	1
Toluene-d8 (Surr)	98		80 - 120		10/26/21 00:12	1

Lab Sample ID: LCS 480-601935/6

Matrix: Water

Analysis Batch: 601935

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	24.7		ug/L		99	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	22.3		ug/L		89	61 - 148
1,1,2-Trichloroethane	25.0	24.7		ug/L		99	76 - 122
1,1-Dichloroethane	25.0	24.9		ug/L		100	77 - 120
1,1-Dichloroethene	25.0	22.0		ug/L		88	66 - 127
1,2,4-Trichlorobenzene	25.0	24.4		ug/L		98	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	24.9		ug/L		100	56 - 134
1,2-Dibromoethane	25.0	24.8		ug/L		99	77 - 120
1,2-Dichlorobenzene	25.0	24.3		ug/L		97	80 - 124
1,2-Dichloroethane	25.0	27.3		ug/L		109	75 - 120
1,2-Dichloropropane	25.0	24.4		ug/L		98	76 - 120
1,3-Dichlorobenzene	25.0	24.1		ug/L		96	77 - 120
1,4-Dichlorobenzene	25.0	24.3		ug/L		97	80 - 120
2-Butanone (MEK)	125	152		ug/L		121	57 - 140
2-Hexanone	125	141		ug/L		112	65 - 127
4-Methyl-2-pentanone (MIBK)	125	131		ug/L		105	71 - 125
Acetone	125	164		ug/L		131	56 - 142
Benzene	25.0	23.0		ug/L		92	71 - 124
Bromodichloromethane	25.0	25.8		ug/L		103	80 - 122
Bromoform	25.0	24.8		ug/L		99	61 - 132
Bromomethane	25.0	22.4		ug/L		90	55 - 144
Carbon disulfide	25.0	20.6		ug/L		82	59 - 134
Carbon tetrachloride	25.0	25.1		ug/L		100	72 - 134
Chlorobenzene	25.0	23.7		ug/L		95	80 - 120
Chloroethane	25.0	22.2		ug/L		89	69 - 136
Chloroform	25.0	25.1		ug/L		100	73 - 127
Chloromethane	25.0	23.8		ug/L		95	68 - 124
cis-1,2-Dichloroethene	25.0	24.5		ug/L		98	74 - 124
cis-1,3-Dichloropropene	25.0	24.1		ug/L		96	74 - 124
Cyclohexane	25.0	23.5		ug/L		94	59 - 135
Dibromochloromethane	25.0	24.7		ug/L		99	75 - 125
Dichlorodifluoromethane	25.0	26.5		ug/L		106	59 - 135
Ethylbenzene	25.0	23.1		ug/L		92	77 - 123
Isopropylbenzene	25.0	24.5		ug/L		98	77 - 122
Methyl acetate	50.0	58.2		ug/L		116	74 - 133
Methyl tert-butyl ether	25.0	25.8		ug/L		103	77 - 120
Methylcyclohexane	25.0	23.3		ug/L		93	68 - 134

Eurofins TestAmerica, Buffalo

QC Sample Results

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

Job ID: 480-191279-1

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

Lab Sample ID: LCS 480-601935/6

Matrix: Water

Analysis Batch: 601935

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	23.8		ug/L		95	80 - 120
Tetrachloroethene	25.0	21.6		ug/L		86	74 - 122
Toluene	25.0	23.0		ug/L		92	80 - 122
trans-1,2-Dichloroethene	25.0	23.7		ug/L		95	73 - 127
trans-1,3-Dichloropropene	25.0	25.0		ug/L		100	80 - 120
Trichloroethene	25.0	24.4		ug/L		98	74 - 123
Trichlorofluoromethane	25.0	26.0		ug/L		104	62 - 150
Vinyl chloride	25.0	23.4		ug/L		93	65 - 133

Surrogate	LCS %Recovery	LCS Qualifier	LCS Limits
1,2-Dichloroethane-d4 (Surr)	107		77 - 120
4-Bromofluorobenzene (Surr)	93		73 - 120
Dibromofluoromethane (Surr)	107		75 - 123
Toluene-d8 (Surr)	95		80 - 120

Lab Sample ID: 480-191279-14 MS

Matrix: Water

Analysis Batch: 601935

Client Sample ID: MW 18 102121

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		500	475		ug/L		95	73 - 126
1,1,2,2-Tetrachloroethane	ND		500	526		ug/L		105	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		500	462		ug/L		92	61 - 148
1,1,2-Trichloroethane	ND		500	497		ug/L		99	76 - 122
1,1-Dichloroethane	ND		500	487		ug/L		97	77 - 120
1,1-Dichloroethene	ND		500	450		ug/L		90	66 - 127
1,2,4-Trichlorobenzene	ND		500	454		ug/L		91	79 - 122
1,2-Dibromo-3-Chloropropane	ND		500	488		ug/L		98	56 - 134
1,2-Dibromoethane	ND		500	490		ug/L		98	77 - 120
1,2-Dichlorobenzene	ND		500	489		ug/L		98	80 - 124
1,2-Dichloroethane	ND		500	553		ug/L		111	75 - 120
1,2-Dichloropropane	ND		500	483		ug/L		97	76 - 120
1,3-Dichlorobenzene	ND		500	480		ug/L		96	77 - 120
1,4-Dichlorobenzene	ND		500	504		ug/L		101	78 - 124
2-Butanone (MEK)	ND		2500	2350		ug/L		94	57 - 140
2-Hexanone	ND		2500	2820		ug/L		113	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		2500	2810		ug/L		112	71 - 125
Acetone	ND	F2	2500	1690		ug/L		68	56 - 142
Benzene	ND		500	460		ug/L		92	71 - 124
Bromodichloromethane	ND		500	510		ug/L		102	80 - 122
Bromoform	ND		500	479		ug/L		96	61 - 132
Bromomethane	ND		500	461		ug/L		92	55 - 144
Carbon disulfide	ND		500	410		ug/L		82	59 - 134
Carbon tetrachloride	ND		500	482		ug/L		96	72 - 134
Chlorobenzene	ND		500	479		ug/L		96	80 - 120
Chloroethane	ND		500	461		ug/L		92	69 - 136
Chloroform	ND		500	519		ug/L		104	73 - 127

Eurofins TestAmerica, Buffalo

QC Sample Results

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

Job ID: 480-191279-1

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

Lab Sample ID: 480-191279-14 MS

Client Sample ID: MW 18 102121

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 601935

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				
Chloromethane	ND		500	503		ug/L		101	68 - 124
cis-1,2-Dichloroethane	750	F1	500	1070	F1	ug/L		64	74 - 124
cis-1,3-Dichloropropene	ND		500	472		ug/L		94	74 - 124
Cyclohexane	ND		500	449		ug/L		90	59 - 135
Dibromochloromethane	ND		500	511		ug/L		102	75 - 125
Dichlorodifluoromethane	ND		500	529		ug/L		106	59 - 135
Ethylbenzene	ND		500	468		ug/L		94	77 - 123
Isopropylbenzene	ND		500	479		ug/L		96	77 - 122
Methyl acetate	ND		1000	1060		ug/L		106	74 - 133
Methyl tert-butyl ether	ND		500	491		ug/L		98	77 - 120
Methylcyclohexane	ND		500	428		ug/L		86	68 - 134
Methylene Chloride	ND		500	469		ug/L		94	75 - 124
Styrene	ND		500	482		ug/L		96	80 - 120
Tetrachloroethene	ND		500	423		ug/L		85	74 - 122
Toluene	ND		500	474		ug/L		95	80 - 122
trans-1,2-Dichloroethene	ND		500	470		ug/L		94	73 - 127
trans-1,3-Dichloropropene	ND		500	478		ug/L		96	80 - 120
Trichloroethene	1400	F1	500	1540	F1	ug/L		33	74 - 123
Trichlorofluoromethane	ND		500	522		ug/L		104	62 - 150
Vinyl chloride	ND		500	473		ug/L		95	65 - 133

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	99		77 - 120
4-Bromofluorobenzene (Surr)	96		73 - 120
Dibromofluoromethane (Surr)	100		75 - 123
Toluene-d8 (Surr)	96		80 - 120

Lab Sample ID: 480-191279-14 MSD

Client Sample ID: MW 18 102121

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 601935

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
1,1,1-Trichloroethane	ND		500	509		ug/L		102	73 - 126	7	15
1,1,1,2-Tetrachloroethane	ND		500	518		ug/L		104	76 - 120	2	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		500	444		ug/L		89	61 - 148	4	20
1,1,2-Trichloroethane	ND		500	474		ug/L		95	76 - 122	5	15
1,1-Dichloroethane	ND		500	497		ug/L		99	77 - 120	2	20
1,1-Dichloroethene	ND		500	443		ug/L		89	66 - 127	2	16
1,2,4-Trichlorobenzene	ND		500	470		ug/L		94	79 - 122	4	20
1,2-Dibromo-3-Chloropropane	ND		500	514		ug/L		103	56 - 134	5	15
1,2-Dibromoethane	ND		500	485		ug/L		97	77 - 120	1	15
1,2-Dichlorobenzene	ND		500	488		ug/L		98	80 - 124	0	20
1,2-Dichloroethane	ND		500	557		ug/L		111	75 - 120	1	20
1,2-Dichloropropane	ND		500	483		ug/L		97	76 - 120	0	20
1,3-Dichlorobenzene	ND		500	492		ug/L		98	77 - 120	2	20
1,4-Dichlorobenzene	ND		500	484		ug/L		97	78 - 124	4	20
2-Butanone (MEK)	ND		2500	2410		ug/L		96	57 - 140	2	20
2-Hexanone	ND		2500	2760		ug/L		111	65 - 127	2	15

Eurofins TestAmerica, Buffalo

QC Sample Results

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

Job ID: 480-191279-1

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

Lab Sample ID: 480-191279-14 MSD

Client Sample ID: MW 18 102121

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 601935

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
4-Methyl-2-pentanone (MIBK)	ND		2500	2700		ug/L		108	71 - 125	4	35
Acetone	ND	F2	2500	2460	F2	ug/L		98	56 - 142	37	15
Benzene	ND		500	470		ug/L		94	71 - 124	2	13
Bromodichloromethane	ND		500	513		ug/L		103	80 - 122	0	15
Bromoform	ND		500	488		ug/L		98	61 - 132	2	15
Bromomethane	ND		500	466		ug/L		93	55 - 144	1	15
Carbon disulfide	ND		500	415		ug/L		83	59 - 134	1	15
Carbon tetrachloride	ND		500	507		ug/L		101	72 - 134	5	15
Chlorobenzene	ND		500	474		ug/L		95	80 - 120	1	25
Chloroethane	ND		500	451		ug/L		90	69 - 136	2	15
Chloroform	ND		500	516		ug/L		103	73 - 127	1	20
Chloromethane	ND		500	506		ug/L		101	68 - 124	1	15
cis-1,2-Dichloroethene	750	F1	500	1070	F1	ug/L		65	74 - 124	1	15
cis-1,3-Dichloropropene	ND		500	466		ug/L		93	74 - 124	1	15
Cyclohexane	ND		500	459		ug/L		92	59 - 135	2	20
Dibromochloromethane	ND		500	516		ug/L		103	75 - 125	1	15
Dichlorodifluoromethane	ND		500	520		ug/L		104	59 - 135	2	20
Ethylbenzene	ND		500	467		ug/L		93	77 - 123	0	15
Isopropylbenzene	ND		500	493		ug/L		99	77 - 122	3	20
Methyl acetate	ND		1000	1090		ug/L		109	74 - 133	3	20
Methyl tert-butyl ether	ND		500	508		ug/L		102	77 - 120	3	37
Methylcyclohexane	ND		500	438		ug/L		88	68 - 134	2	20
Methylene Chloride	ND		500	485		ug/L		97	75 - 124	3	15
Styrene	ND		500	480		ug/L		96	80 - 120	1	20
Tetrachloroethene	ND		500	417		ug/L		83	74 - 122	1	20
Toluene	ND		500	474		ug/L		95	80 - 122	0	15
trans-1,2-Dichloroethene	ND		500	459		ug/L		92	73 - 127	2	20
trans-1,3-Dichloropropene	ND		500	476		ug/L		95	80 - 120	1	15
Trichloroethene	1400	F1	500	1580	F1	ug/L		40	74 - 123	2	16
Trichlorofluoromethane	ND		500	551		ug/L		110	62 - 150	5	20
Vinyl chloride	ND		500	482		ug/L		96	65 - 133	2	15

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	102		77 - 120
4-Bromofluorobenzene (Surr)	95		73 - 120
Dibromofluoromethane (Surr)	106		75 - 123
Toluene-d8 (Surr)	96		80 - 120

Lab Sample ID: MB 480-601974/7

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 601974

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/26/21 17:22	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/26/21 17:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/26/21 17:22	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/26/21 17:22	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/26/21 17:22	1

Eurofins TestAmerica, Buffalo

QC Sample Results

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

Job ID: 480-191279-1

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

Lab Sample ID: MB 480-601974/7

Matrix: Water

Analysis Batch: 601974

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/26/21 17:22	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/26/21 17:22	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/26/21 17:22	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/26/21 17:22	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/26/21 17:22	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/26/21 17:22	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/26/21 17:22	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/26/21 17:22	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/26/21 17:22	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/26/21 17:22	1
2-Hexanone	ND		5.0	1.2	ug/L			10/26/21 17:22	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/26/21 17:22	1
Acetone	ND		10	3.0	ug/L			10/26/21 17:22	1
Benzene	ND		1.0	0.41	ug/L			10/26/21 17:22	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/26/21 17:22	1
Bromoform	ND		1.0	0.26	ug/L			10/26/21 17:22	1
Bromomethane	ND		1.0	0.69	ug/L			10/26/21 17:22	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/26/21 17:22	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/26/21 17:22	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/26/21 17:22	1
Chloroethane	ND		1.0	0.32	ug/L			10/26/21 17:22	1
Chloroform	ND		1.0	0.34	ug/L			10/26/21 17:22	1
Chloromethane	ND		1.0	0.35	ug/L			10/26/21 17:22	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/26/21 17:22	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/26/21 17:22	1
Cyclohexane	ND		1.0	0.18	ug/L			10/26/21 17:22	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/26/21 17:22	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/26/21 17:22	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/26/21 17:22	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/26/21 17:22	1
Methyl acetate	ND		2.5	1.3	ug/L			10/26/21 17:22	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/26/21 17:22	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/26/21 17:22	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/26/21 17:22	1
Styrene	ND		1.0	0.73	ug/L			10/26/21 17:22	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/26/21 17:22	1
Toluene	ND		1.0	0.51	ug/L			10/26/21 17:22	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/26/21 17:22	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/26/21 17:22	1
Trichloroethene	ND		1.0	0.46	ug/L			10/26/21 17:22	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/26/21 17:22	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/26/21 17:22	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/26/21 17:22	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4 (Surr)	107		77 - 120		10/26/21 17:22	1
4-Bromofluorobenzene (Surr)	100		73 - 120		10/26/21 17:22	1
Dibromofluoromethane (Surr)	109		75 - 123		10/26/21 17:22	1

Eurolins TestAmerica, Buffalo

QC Sample Results

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

Job ID: 480-191279-1

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

Lab Sample ID: MB 480-601974/7

Matrix: Water

Analysis Batch: 601974

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Toluene-d8 (Surr)	97		80 - 120		10/26/21 17:22	1

Lab Sample ID: LCS 480-601974/5

Matrix: Water

Analysis Batch: 601974

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	27.8		ug/L		111	73 - 126
1,1,2,2-Tetrachloroethane	25.0	25.7		ug/L		103	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	26.6		ug/L		107	61 - 148
1,1,2-Trichloroethane	25.0	25.0		ug/L		100	76 - 122
1,1-Dichloroethane	25.0	25.5		ug/L		102	77 - 120
1,1-Dichloroethene	25.0	24.6		ug/L		98	66 - 127
1,2,4-Trichlorobenzene	25.0	26.6		ug/L		107	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	28.6		ug/L		115	56 - 134
1,2-Dibromoethane	25.0	23.0		ug/L		92	77 - 120
1,2-Dichlorobenzene	25.0	26.7		ug/L		107	80 - 124
1,2-Dichloroethane	25.0	27.7		ug/L		111	75 - 120
1,2-Dichloropropane	25.0	24.0		ug/L		96	76 - 120
1,3-Dichlorobenzene	25.0	26.5		ug/L		106	77 - 120
1,4-Dichlorobenzene	25.0	25.7		ug/L		103	80 - 120
2-Butanone (MEK)	125	157		ug/L		126	57 - 140
2-Hexanone	125	139		ug/L		111	65 - 127
4-Methyl-2-pentanone (MIBK)	125	143		ug/L		115	71 - 125
Acetone	125	175		ug/L		140	56 - 142
Benzene	25.0	24.1		ug/L		96	71 - 124
Bromodichloromethane	25.0	27.7		ug/L		111	80 - 122
Bromoform	25.0	27.8		ug/L		111	61 - 132
Bromomethane	25.0	27.0		ug/L		108	55 - 144
Carbon disulfide	25.0	25.1		ug/L		100	59 - 134
Carbon tetrachloride	25.0	28.2		ug/L		113	72 - 134
Chlorobenzene	25.0	24.4		ug/L		97	80 - 120
Chloroethane	25.0	25.4		ug/L		101	69 - 136
Chloroform	25.0	27.5		ug/L		110	73 - 127
Chloromethane	25.0	29.4		ug/L		118	68 - 124
cis-1,2-Dichloroethene	25.0	25.1		ug/L		101	74 - 124
cis-1,3-Dichloropropene	25.0	21.7		ug/L		87	74 - 124
Cyclohexane	25.0	26.7		ug/L		107	59 - 135
Dibromochloromethane	25.0	25.7		ug/L		103	75 - 125
Dichlorodifluoromethane	25.0	37.7	*+	ug/L		151	59 - 135
Ethylbenzene	25.0	25.4		ug/L		102	77 - 123
Isopropylbenzene	25.0	27.4		ug/L		109	77 - 122
Methyl acetate	50.0	61.2		ug/L		122	74 - 133
Methyl tert-butyl ether	25.0	28.0		ug/L		112	77 - 120
Methylcyclohexane	25.0	26.9		ug/L		108	68 - 134
Methylene Chloride	25.0	28.0		ug/L		112	75 - 124
Styrene	25.0	26.0		ug/L		104	80 - 120
Tetrachloroethene	25.0	23.7		ug/L		95	74 - 122

Eurofins TestAmerica, Buffalo

QC Sample Results

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

Job ID: 480-191279-1

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

Lab Sample ID: LCS 480-601974/5

Matrix: Water

Analysis Batch: 601974

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	25.0	24.8		ug/L		99	80 - 122
trans-1,2-Dichloroethene	25.0	25.5		ug/L		102	73 - 127
trans-1,3-Dichloropropene	25.0	22.9		ug/L		92	80 - 120
Trichloroethene	25.0	25.0		ug/L		100	74 - 123
Trichlorofluoromethane	25.0	31.8		ug/L		127	62 - 150
Vinyl chloride	25.0	27.3		ug/L		109	65 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	105		77 - 120
4-Bromofluorobenzene (Surr)	97		73 - 120
Dibromofluoromethane (Surr)	109		75 - 123
Toluene-d8 (Surr)	98		80 - 120



QC Association Summary

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

Job ID: 480-191279-1

GC/MS VOA

Analysis Batch: 601935

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-191279-1	MW 5 102121	Total/NA	Water	8260C	
480-191279-2	MW 11 102121	Total/NA	Water	8260C	
480-191279-3	MW 10 102121	Total/NA	Water	8260C	
480-191279-4	PZ-1 102121	Total/NA	Water	8260C	
480-191279-5	MW 6 102121	Total/NA	Water	8260C	
480-191279-6	PZ-2 102121	Total/NA	Water	8260C	
480-191279-8	MW 21 102121	Total/NA	Water	8260C	
480-191279-9	MW 24 102121	Total/NA	Water	8260C	
480-191279-10	MW 15 102121	Total/NA	Water	8260C	
480-191279-11	MW 13 102121	Total/NA	Water	8260C	
480-191279-12	MW 14 102121	Total/NA	Water	8260C	
480-191279-13	MW 22 102121	Total/NA	Water	8260C	
480-191279-14	MW 18 102121	Total/NA	Water	8260C	
480-191279-15	MW 12 102121	Total/NA	Water	8260C	
480-191279-16	MW 9 102121	Total/NA	Water	8260C	
480-191279-17	MW 16 102121	Total/NA	Water	8260C	
480-191279-18	Trip Blank	Total/NA	Water	8260C	
MB 480-601935/8	Method Blank	Total/NA	Water	8260C	
LCS 480-601935/6	Lab Control Sample	Total/NA	Water	8260C	
480-191279-14 MS	MW 18 102121	Total/NA	Water	8260C	
480-191279-14 MSD	MW 18 102121	Total/NA	Water	8260C	

Analysis Batch: 601974

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-191279-7	MW 17 102121	Total/NA	Water	8260C	
MB 480-601974/7	Method Blank	Total/NA	Water	8260C	
LCS 480-601974/5	Lab Control Sample	Total/NA	Water	8260C	



Lab Chronicle

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

Job ID: 480-191279-1

Client Sample ID: MW 5 102121

Lab Sample ID: 480-191279-1

Date Collected: 10/21/21 08:00

Matrix: Water

Date Received: 10/22/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	601935	10/26/21 00:58	AXK	TAL BUF

Client Sample ID: MW 11 102121

Lab Sample ID: 480-191279-2

Date Collected: 10/21/21 08:15

Matrix: Water

Date Received: 10/22/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		8	601935	10/26/21 01:21	AXK	TAL BUF

Client Sample ID: MW 10 102121

Lab Sample ID: 480-191279-3

Date Collected: 10/21/21 08:45

Matrix: Water

Date Received: 10/22/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	601935	10/26/21 01:44	AXK	TAL BUF

Client Sample ID: PZ-1 102121

Lab Sample ID: 480-191279-4

Date Collected: 10/21/21 09:00

Matrix: Water

Date Received: 10/22/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	601935	10/26/21 02:07	AXK	TAL BUF

Client Sample ID: MW 6 102121

Lab Sample ID: 480-191279-5

Date Collected: 10/21/21 09:20

Matrix: Water

Date Received: 10/22/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	601935	10/26/21 02:29	AXK	TAL BUF

Client Sample ID: PZ-2 102121

Lab Sample ID: 480-191279-6

Date Collected: 10/21/21 09:50

Matrix: Water

Date Received: 10/22/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	601935	10/26/21 02:51	AXK	TAL BUF

Client Sample ID: MW 17 102121

Lab Sample ID: 480-191279-7

Date Collected: 10/21/21 10:10

Matrix: Water

Date Received: 10/22/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	601974	10/27/21 01:21	AXK	TAL BUF

Lab Chronicle

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

Job ID: 480-191279-1

Client Sample ID: MW 21 102121

Lab Sample ID: 480-191279-8

Date Collected: 10/21/21 10:30

Matrix: Water

Date Received: 10/22/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	601935	10/26/21 03:37	AXK	TAL BUF

Client Sample ID: MW 24 102121

Lab Sample ID: 480-191279-9

Date Collected: 10/21/21 10:45

Matrix: Water

Date Received: 10/22/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	601935	10/26/21 03:59	AXK	TAL BUF

Client Sample ID: MW 15 102121

Lab Sample ID: 480-191279-10

Date Collected: 10/21/21 11:45

Matrix: Water

Date Received: 10/22/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	601935	10/26/21 04:21	AXK	TAL BUF

Client Sample ID: MW 13 102121

Lab Sample ID: 480-191279-11

Date Collected: 10/21/21 12:10

Matrix: Water

Date Received: 10/22/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		4	601935	10/26/21 04:44	AXK	TAL BUF

Client Sample ID: MW 14 102121

Lab Sample ID: 480-191279-12

Date Collected: 10/21/21 12:25

Matrix: Water

Date Received: 10/22/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	601935	10/26/21 05:07	AXK	TAL BUF

Client Sample ID: MW 22 102121

Lab Sample ID: 480-191279-13

Date Collected: 10/21/21 13:00

Matrix: Water

Date Received: 10/22/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	601935	10/26/21 05:30	AXK	TAL BUF

Client Sample ID: MW 18 102121

Lab Sample ID: 480-191279-14

Date Collected: 10/21/21 13:15

Matrix: Water

Date Received: 10/22/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		20	601935	10/26/21 05:52	AXK	TAL BUF

Lab Chronicle

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

Job ID: 480-191279-1

Client Sample ID: MW 12 102121

Lab Sample ID: 480-191279-15

Date Collected: 10/21/21 13:40

Matrix: Water

Date Received: 10/22/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	601935	10/26/21 06:15	AXK	TAL BUF

Client Sample ID: MW 9 102121

Lab Sample ID: 480-191279-16

Date Collected: 10/21/21 14:00

Matrix: Water

Date Received: 10/22/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	601935	10/26/21 06:38	AXK	TAL BUF

Client Sample ID: MW 16 102121

Lab Sample ID: 480-191279-17

Date Collected: 10/21/21 14:45

Matrix: Water

Date Received: 10/22/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	601935	10/26/21 07:01	AXK	TAL BUF

Client Sample ID: Trip Blank

Lab Sample ID: 480-191279-18

Date Collected: 10/21/21 00:00

Matrix: Water

Date Received: 10/22/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	601935	10/26/21 07:24	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
Project/Site: Former Accurate Die Cast

Job ID: 480-191279-1

Laboratory: Eurofins TestAmerica, Buffalo

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

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

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Method Summary

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

Job ID: 480-191279-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
5030C	Purge and Trap	SW846	TAL BUF

Protocol References:

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: 480-191279-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-191279-1	MW 5 102121	Water	10/21/21 08:00	10/22/21 08:00
480-191279-2	MW 11 102121	Water	10/21/21 08:15	10/22/21 08:00
480-191279-3	MW 10 102121	Water	10/21/21 08:45	10/22/21 08:00
480-191279-4	PZ-1 102121	Water	10/21/21 09:00	10/22/21 08:00
480-191279-5	MW 6 102121	Water	10/21/21 09:20	10/22/21 08:00
480-191279-6	PZ-2 102121	Water	10/21/21 09:50	10/22/21 08:00
480-191279-7	MW 17 102121	Water	10/21/21 10:10	10/22/21 08:00
480-191279-8	MW 21 102121	Water	10/21/21 10:30	10/22/21 08:00
480-191279-9	MW 24 102121	Water	10/21/21 10:45	10/22/21 08:00
480-191279-10	MW 15 102121	Water	10/21/21 11:45	10/22/21 08:00
480-191279-11	MW 13 102121	Water	10/21/21 12:10	10/22/21 08:00
480-191279-12	MW 14 102121	Water	10/21/21 12:25	10/22/21 08:00
480-191279-13	MW 22 102121	Water	10/21/21 13:00	10/22/21 08:00
480-191279-14	MW 18 102121	Water	10/21/21 13:15	10/22/21 08:00
480-191279-15	MW 12 102121	Water	10/21/21 13:40	10/22/21 08:00
480-191279-16	MW 9 102121	Water	10/21/21 14:00	10/22/21 08:00
480-191279-17	MW 16 102121	Water	10/21/21 14:45	10/22/21 08:00
480-191279-18	Trip Blank	Water	10/21/21 00:00	10/22/21 08:00

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Chain of Custody Record



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		Lab PM: Giacomazza, Joe V E-Mail: joe.giacomazza@testamericainc.com PWSID:		Sampler: <i>Martin Kocinski</i> Phone: 315-729-1300		Carrier Tracking No.: Syracuse State of Origin: #225 Analysis Requested		COC No.: 480-166398-10564.1 Page: Page 1 of 2 Job #:			
Due Date Requested: TAT Requested (days): Compliance Project: <input type="checkbox"/> Yes <input type="checkbox"/> No PO #: 1940002622 WO #:		Field Filtered Sample (Yes or No)		Perform MSD (Yes or No)		Total Number of Containers		Special Instructions/Note:			
Sample Identification MW5 10/21/21 MW11 10/21/21 MW10 10/21/21 PZ-1 10/21/21 MW6 10/21/21 PZ-2 10/21/21 MW17 10/21/21 MW21 10/21/21 MW24 10/21/21 MW15 10/21/21 MW13 10/21/21		Sample Date 10-21-21 10-21-21 10-21-21 10-21-21 10-21-21 10-21-21 10-21-21 10-21-21 10-21-21 10-21-21 10-21-21 10-21-21		Sample Time 8:00 8:15 8:45 9:05 9:20 9:50 10:10 10:30 10:45 11:45 12:10		Sample Type (C=Comp, G=grab) G G G G G G G G G G G		Matrix (W=water, S=solid, O=water/oil, B=Tissue, A=air) Water Water Water Water Water Water Water Water Water Water Water		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 Other:	
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological Deliverable Requested: I, II, III, IV, Other (specify)											
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months Special Instructions/QC Requirements:											
Empty Kit Relinquished by: _____ Date: _____ Time: _____ Method of Shipment: _____ Relinquished by: <i>Martin Kocinski</i> Date/Time: 10-21-21 / 1540 Company: <i>OBG</i> Relinquished by: <i>Reilly</i> Date/Time: 10-21-21 / 1900 Company: <i>OBG</i> Relinquished by: _____ Date/Time: _____ Company: _____ Cooler Temperature and Other Remarks: <i>3.0 #1</i>											
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No Custody Seal No.:											



Chain of Custody Record



Syracuse
Chain of Custody Tracking No(s):

Client Information
 Client Contact: *Mr. Yuri Veliz*
 Company: *O'Brien & Gere Inc of North America*
 Address: *333 West Washington St. PO BOX 4873 East Syracuse 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*

Lab PM: *Giacomazza, Joe V*
E-Mail: *joe.giacomazza@testamericainc.com*
Phone: *315-729-1300*
PWSID:

Due Date Requested:
TAT Requested (days):
Compliance Project: Yes No
PO #: *1940002622*
WO #:
Project #: *48006584*
SSOW#:

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)	8260C - TCL Volatiles	Analysis Requested	Preservation Codes:	Special Instructions/Note:
<i>MW 14 10/21/21</i>	<i>10-21-21</i>	<i>12:25</i>	<i>G</i>	<i>Water</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<i>A</i>		<i>M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:</i>	
<i>MW 22 10/21/21</i>	<i>10-21-21</i>	<i>13:00</i>	<i>G</i>	<i>Water</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<i>3</i>			
<i>MW 18 10/21/21</i>	<i>10-21-21</i>	<i>13:15</i>	<i>G</i>	<i>Water</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<i>3</i>			
<i>MW 12 10/21/21</i>	<i>10-21-21</i>	<i>13:40</i>	<i>G</i>	<i>Water</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<i>3</i>			
<i>MW 9 10/21/21</i>	<i>10-21-21</i>	<i>14:00</i>	<i>G</i>	<i>Water</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<i>3</i>			
<i>MW 16 10/21/21</i>	<i>10-21-21</i>	<i>14:45</i>	<i>G</i>	<i>Water</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<i>3</i>			
<i>QC TRIP BLANK</i>				<i>Water</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<i>1</i>			

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

Empty Kit Relinquished by: _____ Date: _____
Relinquished by: *Michele Hernandez* Date/Time: *10-21-21 / 15:40* Company: *OBG*
Relinquished by: *Ruey Lu* Date/Time: *10/21/21, 19:00* Company: *Syz*
Relinquished by: _____ Date/Time: _____ Company: _____
Custody Seals Intact: Yes No **Custody Seal No.:** _____
Cooler Temperature(s) °C and Other Remarks: _____

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-191279-1

Login Number: 191279

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	3.0 #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	

