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ENVIRONMENT
& HEALTH

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

Date July 29,2021

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

Dear Mr. Belveg:

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

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Operation Status and Activities Completed

As of June 30, 2021, a total of 126,555,012 gallons of groundwater have been treated since startup on February 5, 1996. From April 1 to June 30, 2021, 866,763 gallons of groundwater were treated: 192,835 gallons from recovery well RW-1; 673,842 gallons from recovery well RW-2; and 86 gallons from the collection trench constructed in the former VOC/PAH/PCB Soils Area. No groundwater was recovered from the overburden groundwater collection sump located in the former soil excavation area along the northwest side of the former manufacturing building (Area 2).

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

On April 20, 2021, groundwater samples were collected and analyzed for volatile organic compounds from monitoring wells MW-10, MW-11, MW-13, MW-18, and MW-24. The groundwater elevations are presented in **Table 2** and the analytical results are summarized in **Tables 3** and **4**. The laboratory analytical data sheets are provided as **Attachment B**.

The carbon in granular activated carbon filter GAC#1 was replaced on June 23, 2021 and afterward, filter GAC#2 was placed into lead service and GAC#1 was placed into lag service.

Activities Scheduled

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

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

Yours sincerely

Douglas M. Crawford, PE
Vice President
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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

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

Analyte (units)	Monitoring Requirements				Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent
	Discharge Limitation Daily Average	Discharge Limitation Daily Maximum	Minimum Measurement Frequency (1)	Sample Type	4/1/2021	4/5/2021	4/7/2021	4/8/2021	4/12/2021	4/13/2021	4/15/2021	4/16/2021	4/19/2021	4/21/2021	4/23/2021	4/26/2021
Flow (GPD)	Monitor	150000	Continuous	Meter	8979	8992	9101	9065	9141	8937	9038	9073	9094	9041	9109	9068
pH (SU)	6.5-8.5		2/Week	Grab	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.5	7.4	7.5	7.4	7.5
Residue, non-filterable (mg/L)	Monitor	20	Weekly	3-hr comp.		4 U			4 U				4 U			4.8
Total dissolved solids (TDS) (mg/L)	Monitor	Monitor	Weekly	3-hr comp.		732			723				718			681
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.

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Monitoring Requirements and Effluent Data

Analyte (units)	Monitoring Requirements				Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent
	Discharge Limitation	Discharge Limitation	Minimum Measurement	Sample												
	Daily Average	Daily Maximum	Frequency (1)	Type	4/27/2021	4/30/2021	5/3/2021	5/6/2021	5/7/2021	5/10/2021	5/13/2021	5/14/2021	5/17/2021	5/28/2021	6/1/2021	6/3/2021
Flow (GPD)	Monitor	150000	Continuous	Meter	9142	9107	9144	9368	9548	9864	10086	10390	10381	10495	10417	10500
pH (SU)	6.5-8.5		2/Week	Grab	7.5	7.4	7.4	7.5	7.4	7.4	7.5	7.4	7.4	7.5	7.5	7.5
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.				860		644			787	647		
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.

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Analyte (units)	Monitoring Requirements				Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent
	Discharge Limitation	Discharge Limitation	Minimum Measurement	Sample									
	Daily Average	Daily Maximum	Frequency (1)	Type	6/4/2021	6/7/2021	6/8/2021	6/11/2021	6/17/2021	6/21/2021	6/24/2021	6/25/2021	6/28/2021
Flow (GPD)	Monitor	150000	Continuous	Meter	10524	10326	10267	10174	10055	9933	9714	9617	9653
pH (SU)	6.5-8.5		2/Week	Grab	7.4	7.4	7.4	7.4	7.5	7.4	7.9	7.8	7.7
Residue, non-filterable (mg/L)	Monitor	20	Weekly	3-hr comp.	4 U		4 U		4 U	4 U			4 U
Total dissolved solids (TDS) (mg/L)	Monitor	Monitor	Weekly	3-hr comp.	701		651		656	654			758
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.			0.0080 J						
cis-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab			1.1		1.4				
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.

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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 & 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.

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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 & 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.

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Former Accurate Die Casting Site
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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.

RAMBOLL

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 & 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.

RAMBOLL

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 & 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.

RAMBOLL

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 & 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.

RAMBOLL

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	DRY	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	47.13	47.12	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.

RAMBOLL

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	47.13	47.12	Dry	47.43	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.

RAMBOLL

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
MW-01	*99.36*	101.11	75.4 - 85.4	76.09	DRY	75.06	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
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
MW-06	77.46	79.38	46.4 - 56.4	60.62	59.86	60.36	60.12	60.34	59.78	60.16
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
MW-08	88.21	91.78	53.9 - 63.9	67.92	62.12	64.76	61.88	64.7	60.88	62.16
MW-09	102.44	104.03	49.7 - 59.7	60.65	59.85	60.39	60.11	60.33	59.77	60.17
MW-10 (B)	97.51	97.27	43 - 53	61.75	54.41	58.57	55.35	58.35	54.01	55.29
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
MW-12	93.62	94.14	51.9 - 61.9	60.82	60.04	60.56	60.3	60.52	59.98	60.34
MW-13	98.8	98.7	77.7 - 87.7	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
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
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
MW-17	66.9	69.24	53.7 - 63.7	59.34	57.78	58.96	57.84	58.92	57.64	58.84
MW-18	76.5	78.29	61.5 - 71.5	73.49	70.69	73.21	71.31	73.09	69.97	72.83
MW-19	69.5	71.27	46.5 - 56.5	47.52	DRY	47.47	47.53	47.53	47.12	47.57
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
MW-22	71.5	73.34	60.9 - 65.9	69.28	68.98	69.74	69.34	69.69	68.74	70.08
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
MW-24*			-	---	---	---	---	---	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
PZ-02	80.6	83.06	42.8 - 52.8	60.38	59.68	60.18	59.92	60.14	59.6	59.98
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
RW-02 (B)	91.58	95.18	-	58.58	44.88	52.93	45.43	51.46	45.14	45.76
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.
[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 Trichloroethene ug/L	December-89 Trichloroethene ug/L	May-90 Trichloroethene ug/L	May-92 Trichloroethene ug/L	July-94 Trichloroethene ug/L	October-94 Trichloroethene ug/L	February-95 Trichloroethene ug/L	April-95 Trichloroethene ug/L	July-95 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 & Wheler), 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 & Wheler 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 Trichloroethene ug/L	January-96 Trichloroethene ug/L	April-96 Trichloroethene ug/L	May-96 Trichloroethene ug/L	July-96 Trichloroethene ug/L	October-96 Trichloroethene ug/L	January-97 Trichloroethene ug/L	April-97 Trichloroethene ug/L	July-97 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 & Wheler), 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 & Wheler 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	October-97 Trichloroethene ug/L	January-98 Trichloroethene ug/L	April-98 Trichloroethene ug/L	October-98 Trichloroethene ug/L	November-98 Trichloroethene ug/L	April-99 Trichloroethene ug/L	October-99 Trichloroethene ug/L	April-00 Trichloroethene ug/L	November-00 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 & Wheler), 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 & Wheler 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 Trichloroethene ug/L	November-01 Trichloroethene ug/L	April-02 Trichloroethene ug/L	June-02 Trichloroethene ug/L	October-02 Trichloroethene ug/L	May-03 Trichloroethene ug/L	December-03 Trichloroethene ug/L	July-04 Trichloroethene ug/L	December-04 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:
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 & Wheler), 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 & Wheler 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	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

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MW-03 removed as part of TCE Soils Interim Remedial Measure (IRM) completed in September 1994. Data was collected by Stearns & Wheler 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	April-09 Trichloroethene ug/l	November-09 Trichloroethene ug/l	April-10 Trichloroethene ug/l	November-10 Trichloroethene ug/l	May-11 Trichloroethene ug/l	November-11 Trichloroethene ug/l	May-12 Trichloroethene ug/l	November-12 Trichloroethene ug/l	April-13 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 Trichloroethene ug/l	Apr-14 Trichloroethene ug/l	Sep-14 Trichloroethene ug/l	Mar-15 Trichloroethene ug/l	Sep-15 Trichloroethene ug/l	March-16 Trichloroethene ug/l	Oct-16 Trichloroethene ug/l	Apr-17 Trichloroethene ug/l	Oct-17 Trichloroethene ug/l	Apr-18 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 Trichloroethene ug/l	May-19 Trichloroethene ug/l	Oct-19 Trichloroethene ug/l	Apr-20 Trichloroethene ug/l	Oct-20 Trichloroethene ug/l	Apr-21 Trichloroethene ug/l
Location ID						
MW-01	---	---	---	---	---	---
MW-02	---	---	---	---	---	---
MW-03	---	---	---	---	---	---
MW-04	---	---	---	---	---	---
MW-05	57	---	47	---	56	---
MW-06	72	---	66	---	40	---
MW-07	---	---	---	---		---
MW-08	---	---	---	---		---
MW-09	40	---	34	---	28	---
MW-10	77	140	71	120	99	110
MW-11	300	310	510	440	670	680
MW-12	17	---	15	---	13	---
MW-13	250	---	260	220	220	180
MW-14	270	---	220	---	160	---
MW-15	1 U	---	1 U	---	3.5	---
MW-16	1.6	---	1 U	---	1.3	---
MW-17	210	---	180	---	150	---
MW-18	1500 F1	960	1400	1100 F1	1200 F1	940
MW-20	---	---	---	---		---
MW-21	17	---	15	---	13	---
MW-22	14	---	5.7	---	9.7	---
MW-23	---	---	---	---		---
MW-24	370	140	290	160	310	200
PZ-01	48	---	47	---	44	---
PZ-02	75	---	69	---	67	---

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

Location ID	Chemical Name / Sample Date	cis-1,2-Dichloroethene ug/l	Tetrachloroethene ug/l	Toluene ug/l	trans-1,2-Dichloroethene 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-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	1U	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-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

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

Location ID	Chemical Name / Sample Date	cis-1,2-Dichloroethene ug/l	Tetrachloroethene ug/l	Toluene ug/l	trans-1,2-Dichloroethene ug/l
MW-09	1/17/1996	---	5 U	5 U	---
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-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
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

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

Location ID	Chemical Name / Sample Date	cis-1,2-Dichloroethene ug/l	Tetrachloroethene ug/l	Toluene ug/l	trans-1,2-Dichloroethene ug/l
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-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	10U
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-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
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-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

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Table 4
Former Accurate Die Casting Site
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Other Detected Volatile Organic Compounds

Location ID	Chemical Name / Sample Date	cis-1,2-Dichloroethene ug/l	Tetrachloroethene ug/l	Toluene ug/l	trans-1,2-Dichloroethene ug/l
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-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
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-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

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Table 4
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Location ID	Chemical Name / Sample Date	cis-1,2-Dichloroethene ug/l	Tetrachloroethene ug/l	Toluene ug/l	trans-1,2-Dichloroethene ug/l
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-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	10/25/0217	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-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
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

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Table 4
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Other Detected Volatile Organic Compounds

Location ID	Chemical Name Sample Date	cis-1,2-Dichloroethene ug/l	Tetrachloroethene ug/l	Toluene ug/l	trans-1,2-Dichloroethene ug/l
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	5U
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

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Table 4
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Other Detected Volatile Organic Compounds

Location ID	Chemical Name / Sample Date	cis-1,2-Dichloroethene ug/l	Tetrachloroethene ug/l	Toluene ug/l	trans-1,2-Dichloroethene ug/l
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
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-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 J**
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

RAMBOLL

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

Location ID	Chemical Name / Sample Date	cis-1,2-Dichloroethene ug/l	Tetrachloroethene ug/l	Toluene ug/l	trans-1,2-Dichloroethene ug/l
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
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	1U
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
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	10/6/0216	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

RAMBOLL

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

Location ID	Chemical Name / Sample Date	cis-1,2-Dichloroethene ug/l	Tetrachloroethene ug/l	Toluene ug/l	trans-1,2-Dichloroethene ug/l
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

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

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 480-182835-1
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:
4/14/2021 9:04:58 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

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

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

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

Table of Contents

Client: O'Brien & Gere Inc of North America
Job ID: 480-182835-1
Project/Site: Former Accurate Die Cast

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.

Glossary

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

Job ID: 480-182835-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-182835-1

Comments
No additional comments.

Receipt
The samples were received on 4/6/2021 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
Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: BETWEEN CARBONS 040521 (480-182835-2). 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.

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: 480-182835-1

Client Sample ID: EFFLUENT 040521 — Lab Sample ID: 480-182835-1

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

Client Sample ID: BETWEEN CARBONS 040521 — Lab Sample ID: 480-182835-2

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 - DL	150		4.0	1.8	ug/L	4		8260C	Total/NA

Client Sample ID: EFFLUENT 040521 — Lab Sample ID: 480-182835-3

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: EFFLUENT 040521

Lab Sample ID: 480-182835-1

Date Collected: 04/05/21 07:00

Matrix: Water

Date Received: 04/06/21 08:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**732**		10.0	4.0	mg/L			04/07/21 15:25	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			04/06/21 19:30	1

Client Sample ID: BETWEEN CARBONS 040521

Lab Sample ID: 480-182835-2

Date Collected: 04/05/21 07:00

Matrix: Water

Date Received: 04/06/21 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			04/06/21 23:17	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/06/21 23:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/06/21 23:17	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/06/21 23:17	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/06/21 23:17	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/06/21 23:17	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/06/21 23:17	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/06/21 23:17	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/06/21 23:17	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/06/21 23:17	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/06/21 23:17	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/06/21 23:17	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/06/21 23:17	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/06/21 23:17	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/06/21 23:17	1
2-Hexanone	ND		5.0	1.2	ug/L			04/06/21 23:17	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/06/21 23:17	1
Acetone	ND		10	3.0	ug/L			04/06/21 23:17	1
Benzene	ND		1.0	0.41	ug/L			04/06/21 23:17	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/06/21 23:17	1
Bromoform	ND		1.0	0.26	ug/L			04/06/21 23:17	1
Bromomethane	ND		1.0	0.69	ug/L			04/06/21 23:17	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/06/21 23:17	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/06/21 23:17	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/06/21 23:17	1
Chloroethane	ND		1.0	0.32	ug/L			04/06/21 23:17	1
Chloroform	ND		1.0	0.34	ug/L			04/06/21 23:17	1
Chloromethane	ND		1.0	0.35	ug/L			04/06/21 23:17	1
cis-1,2-Dichloroethene	**7.4**		1.0	0.81	ug/L			04/06/21 23:17	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/06/21 23:17	1
Cyclohexane	ND		1.0	0.18	ug/L			04/06/21 23:17	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/06/21 23:17	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/06/21 23:17	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/06/21 23:17	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/06/21 23:17	1
Methyl acetate	ND		2.5	1.3	ug/L			04/06/21 23:17	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/06/21 23:17	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/06/21 23:17	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/06/21 23:17	1
Styrene	ND		1.0	0.73	ug/L			04/06/21 23:17	1

Client Sample ID: BETWEEN CARBONS 040521

Lab Sample ID: 480-182835-2

Date Collected: 04/05/21 07:00

Matrix: Water

Date Received: 04/06/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		1.0	0.36	ug/L			04/06/21 23:17	1
Toluene	ND		1.0	0.51	ug/L			04/06/21 23:17	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/06/21 23:17	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/06/21 23:17	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/06/21 23:17	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/06/21 23:17	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/06/21 23:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*77 - 120*		*04/06/21 23:17*	*1*
4-Bromofluorobenzene (Surr)	*111*		*73 - 120*		*04/06/21 23:17*	*1*
Dibromofluoromethane (Surr)	*110*		*75 - 123*		*04/06/21 23:17*	*1*
Toluene-d8 (Surr)	*108*		*80 - 120*		*04/06/21 23:17*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	**150**		4.0	1.8	ug/L			04/07/21 15:20	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*77 - 120*		*04/07/21 15:20*	*4*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*		*04/07/21 15:20*	*4*
Dibromofluoromethane (Surr)	*111*		*75 - 123*		*04/07/21 15:20*	*4*
Toluene-d8 (Surr)	*109*		*80 - 120*		*04/07/21 15:20*	*4*

Client Sample ID: EFFLUENT 040521

Lab Sample ID: 480-182835-3

Date Collected: 04/05/21 07:00

Matrix: Water

Date Received: 04/06/21 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			04/06/21 23:41	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/06/21 23:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/06/21 23:41	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/06/21 23:41	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/06/21 23:41	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/06/21 23:41	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/06/21 23:41	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/06/21 23:41	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/06/21 23:41	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/06/21 23:41	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/06/21 23:41	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/06/21 23:41	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/06/21 23:41	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/06/21 23:41	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/06/21 23:41	1
2-Hexanone	ND		5.0	1.2	ug/L			04/06/21 23:41	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/06/21 23:41	1
Acetone	ND		10	3.0	ug/L			04/06/21 23:41	1
Benzene	ND		1.0	0.41	ug/L			04/06/21 23:41	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/06/21 23:41	1
Bromoform	ND		1.0	0.26	ug/L			04/06/21 23:41	1

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

Job ID: 480-182835-1

Client Sample ID: EFFLUENT 040521
Date Collected: 04/05/21 07:00
Date Received: 04/06/21 08:00

Lab Sample ID: 480-182835-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		1.0	0.69	ug/L			04/06/21 23:41	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/06/21 23:41	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/06/21 23:41	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/06/21 23:41	1
Chloroethane	ND		1.0	0.32	ug/L			04/06/21 23:41	1
Chloroform	ND		1.0	0.34	ug/L			04/06/21 23:41	1
Chloromethane	ND		1.0	0.35	ug/L			04/06/21 23:41	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/06/21 23:41	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/06/21 23:41	1
Cyclohexane	ND		1.0	0.18	ug/L			04/06/21 23:41	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/06/21 23:41	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/06/21 23:41	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/06/21 23:41	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/06/21 23:41	1
Methyl acetate	ND		2.5	1.3	ug/L			04/06/21 23:41	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/06/21 23:41	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/06/21 23:41	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/06/21 23:41	1
Styrene	ND		1.0	0.73	ug/L			04/06/21 23:41	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/06/21 23:41	1
Toluene	ND		1.0	0.51	ug/L			04/06/21 23:41	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/06/21 23:41	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/06/21 23:41	1
Trichloroethene	ND		1.0	0.46	ug/L			04/06/21 23:41	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/06/21 23:41	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/06/21 23:41	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/06/21 23:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 120*		*04/06/21 23:41*	*1*
4-Bromofluorobenzene (Surr)	*110*		*73 - 120*		*04/06/21 23:41*	*1*
Dibromofluoromethane (Surr)	*107*		*75 - 123*		*04/06/21 23:41*	*1*
Toluene-d8 (Surr)	*109*		*80 - 120*		*04/06/21 23:41*	*1*

Surrogate Summary

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

Job ID: 480-182835-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(75-123)	(80-120)
480-182835-2	BETWEEN CARBONS 040521	110	111	110	108
480-182835-2 - DL	BETWEEN CARBONS 040521	107	107	111	109
480-182835-3	EFFLUENT 040521	106	110	107	109
LCS 480-575238/6	Lab Control Sample	107	107	107	108
LCS 480-575316/32	Lab Control Sample	102	104	102	104
MB 480-575238/8	Method Blank	113	115	119	110
MB 480-575316/8	Method Blank	108	116	107	112

Surrogate Legend

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

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

Job ID: 480-182835-1

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

Lab Sample ID: MB 480-575238/8
Matrix: Water
Analysis Batch: 575238

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/06/21 22:52	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/06/21 22:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/06/21 22:52	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/06/21 22:52	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/06/21 22:52	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/06/21 22:52	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/06/21 22:52	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/06/21 22:52	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/06/21 22:52	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/06/21 22:52	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/06/21 22:52	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/06/21 22:52	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/06/21 22:52	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/06/21 22:52	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/06/21 22:52	1
2-Hexanone	ND		5.0	1.2	ug/L			04/06/21 22:52	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/06/21 22:52	1
Acetone	ND		10	3.0	ug/L			04/06/21 22:52	1
Benzene	ND		1.0	0.41	ug/L			04/06/21 22:52	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/06/21 22:52	1
Bromoform	ND		1.0	0.26	ug/L			04/06/21 22:52	1
Bromomethane	ND		1.0	0.69	ug/L			04/06/21 22:52	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/06/21 22:52	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/06/21 22:52	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/06/21 22:52	1
Chloroethane	ND		1.0	0.32	ug/L			04/06/21 22:52	1
Chloroform	ND		1.0	0.34	ug/L			04/06/21 22:52	1
Chloromethane	ND		1.0	0.35	ug/L			04/06/21 22:52	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/06/21 22:52	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/06/21 22:52	1
Cyclohexane	ND		1.0	0.18	ug/L			04/06/21 22:52	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/06/21 22:52	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/06/21 22:52	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/06/21 22:52	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/06/21 22:52	1
Methyl acetate	ND		2.5	1.3	ug/L			04/06/21 22:52	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/06/21 22:52	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/06/21 22:52	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/06/21 22:52	1
Styrene	ND		1.0	0.73	ug/L			04/06/21 22:52	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/06/21 22:52	1
Toluene	ND		1.0	0.51	ug/L			04/06/21 22:52	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/06/21 22:52	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/06/21 22:52	1
Trichloroethene	ND		1.0	0.46	ug/L			04/06/21 22:52	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/06/21 22:52	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/06/21 22:52	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/06/21 22:52	1

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

Lab Sample ID: MB 480-575238/8
Matrix: Water
Analysis Batch: 575238

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*113*		*77 - 120*		*04/06/21 22:52*	*1*
4-Bromofluorobenzene (Surr)	*115*		*73 - 120*		*04/06/21 22:52*	*1*
Dibromofluoromethane (Surr)	*119*		*75 - 123*		*04/06/21 22:52*	*1*
Toluene-d8 (Surr)	*110*		*80 - 120*		*04/06/21 22:52*	*1*

Lab Sample ID: LCS 480-575238/6
Matrix: Water
Analysis Batch: 575238

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	26.9		ug/L		107	73 - 126
1,1,2,2-Tetrachloroethane	25.0	27.1		ug/L		108	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	25.7		ug/L		103	61 - 148
1,1,2-Trichloroethane	25.0	27.4		ug/L		110	76 - 122
1,1-Dichloroethane	25.0	26.7		ug/L		107	77 - 120
1,1-Dichloroethene	25.0	25.5		ug/L		102	66 - 127
1,2,4-Trichlorobenzene	25.0	27.1		ug/L		108	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	23.4		ug/L		94	56 - 134
1,2-Dibromoethane	25.0	27.9		ug/L		111	77 - 120
1,2-Dichlorobenzene	25.0	27.6		ug/L		110	80 - 124
1,2-Dichloroethane	25.0	26.5		ug/L		106	75 - 120
1,2-Dichloropropane	25.0	27.7		ug/L		111	76 - 120
1,3-Dichlorobenzene	25.0	28.5		ug/L		114	77 - 120
1,4-Dichlorobenzene	25.0	28.0		ug/L		112	80 - 120
2-Butanone (MEK)	125	146		ug/L		117	57 - 140
2-Hexanone	125	152		ug/L		122	65 - 127
4-Methyl-2-pentanone (MIBK)	125	131		ug/L		105	71 - 125
Acetone	125	146		ug/L		117	56 - 142
Benzene	25.0	26.8		ug/L		107	71 - 124
Bromodichloromethane	25.0	26.8		ug/L		107	80 - 122
Bromoform	25.0	26.8		ug/L		107	61 - 132
Bromomethane	25.0	23.8		ug/L		95	55 - 144
Carbon disulfide	25.0	24.0		ug/L		96	59 - 134
Carbon tetrachloride	25.0	26.9		ug/L		108	72 - 134
Chlorobenzene	25.0	27.5		ug/L		110	80 - 120
Chloroethane	25.0	24.2		ug/L		97	69 - 136
Chloroform	25.0	26.4		ug/L		105	73 - 127
Chloromethane	25.0	28.4		ug/L		114	68 - 124
cis-1,2-Dichloroethene	25.0	26.8		ug/L		107	74 - 124
cis-1,3-Dichloropropene	25.0	26.4		ug/L		106	74 - 124
Cyclohexane	25.0	25.4		ug/L		101	59 - 135
Dibromochloromethane	25.0	28.0		ug/L		112	75 - 125
Dichlorodifluoromethane	25.0	25.2		ug/L		101	59 - 135
Ethylbenzene	25.0	26.7		ug/L		107	77 - 123
Isopropylbenzene	25.0	27.5		ug/L		110	77 - 122
Methyl acetate	50.0	54.0		ug/L		108	74 - 133
Methyl tert-butyl ether	25.0	26.0		ug/L		104	77 - 120
Methylcyclohexane	25.0	25.7		ug/L		103	68 - 134

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

Lab Sample ID: LCS 480-575238/6
Matrix: Water
Analysis Batch: 575238

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	25.0	27.3		ug/L		109	75 - 124
Styrene	25.0	27.3		ug/L		109	80 - 120
Tetrachloroethene	25.0	27.2		ug/L		109	74 - 122
Toluene	25.0	27.3		ug/L		109	80 - 122
trans-1,2-Dichloroethene	25.0	26.5		ug/L		106	73 - 127
trans-1,3-Dichloropropene	25.0	26.7		ug/L		107	80 - 120
Trichloroethene	25.0	27.0		ug/L		108	74 - 123
Trichlorofluoromethane	25.0	27.2		ug/L		109	62 - 150
Vinyl chloride	25.0	27.6		ug/L		110	65 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*77 - 120*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*
Dibromofluoromethane (Surr)	*107*		*75 - 123*
Toluene-d8 (Surr)	*108*		*80 - 120*

Lab Sample ID: MB 480-575316/8
Matrix: Water
Analysis Batch: 575316

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/07/21 12:56	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/07/21 12:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/07/21 12:56	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/07/21 12:56	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/07/21 12:56	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/07/21 12:56	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/07/21 12:56	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/07/21 12:56	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/07/21 12:56	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/07/21 12:56	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/07/21 12:56	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/07/21 12:56	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/07/21 12:56	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/07/21 12:56	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/07/21 12:56	1
2-Hexanone	ND		5.0	1.2	ug/L			04/07/21 12:56	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/07/21 12:56	1
Acetone	ND		10	3.0	ug/L			04/07/21 12:56	1
Benzene	ND		1.0	0.41	ug/L			04/07/21 12:56	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/07/21 12:56	1
Bromoform	ND		1.0	0.26	ug/L			04/07/21 12:56	1
Bromomethane	ND		1.0	0.69	ug/L			04/07/21 12:56	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/07/21 12:56	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/07/21 12:56	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/07/21 12:56	1
Chloroethane	ND		1.0	0.32	ug/L			04/07/21 12:56	1
Chloroform	ND		1.0	0.34	ug/L			04/07/21 12:56	1

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

Lab Sample ID: MB 480-575316/8
Matrix: Water
Analysis Batch: 575316

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		1.0	0.35	ug/L			04/07/21 12:56	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/07/21 12:56	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/07/21 12:56	1
Cyclohexane	ND		1.0	0.18	ug/L			04/07/21 12:56	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/07/21 12:56	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/07/21 12:56	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/07/21 12:56	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/07/21 12:56	1
Methyl acetate	ND		2.5	1.3	ug/L			04/07/21 12:56	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/07/21 12:56	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/07/21 12:56	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/07/21 12:56	1
Styrene	ND		1.0	0.73	ug/L			04/07/21 12:56	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/07/21 12:56	1
Toluene	ND		1.0	0.51	ug/L			04/07/21 12:56	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/07/21 12:56	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/07/21 12:56	1
Trichloroethene	ND		1.0	0.46	ug/L			04/07/21 12:56	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/07/21 12:56	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/07/21 12:56	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/07/21 12:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*77 - 120*		*04/07/21 12:56*	*1*
4-Bromofluorobenzene (Surr)	*116*		*73 - 120*		*04/07/21 12:56*	*1*
Dibromofluoromethane (Surr)	*107*		*75 - 123*		*04/07/21 12:56*	*1*
Toluene-d8 (Surr)	*112*		*80 - 120*		*04/07/21 12:56*	*1*

Lab Sample ID: LCS 480-575316/32
Matrix: Water
Analysis Batch: 575316

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	20.1		ug/L		80	73 - 126
1,1,2,2-Tetrachloroethane	25.0	20.6		ug/L		83	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	20.7		ug/L		83	61 - 148
1,1,2-Trichloroethane	25.0	20.5		ug/L		82	76 - 122
1,1-Dichloroethane	25.0	19.6		ug/L		78	77 - 120
1,1-Dichloroethene	25.0	20.3		ug/L		81	66 - 127
1,2,4-Trichlorobenzene	25.0	21.3		ug/L		85	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	17.4		ug/L		70	56 - 134
1,2-Dibromoethane	25.0	20.9		ug/L		84	77 - 120
1,2-Dichlorobenzene	25.0	21.4		ug/L		86	80 - 124
1,2-Dichloroethane	25.0	19.7		ug/L		79	75 - 120
1,2-Dichloropropane	25.0	20.2		ug/L		81	76 - 120
1,3-Dichlorobenzene	25.0	21.7		ug/L		87	77 - 120
1,4-Dichlorobenzene	25.0	21.6		ug/L		86	80 - 120
2-Butanone (MEK)	125	111		ug/L		89	57 - 140

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

Lab Sample ID: LCS 480-575316/32
Matrix: Water
Analysis Batch: 575316

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2-Hexanone	125	116		ug/L		92	65 - 127
4-Methyl-2-pentanone (MIBK)	125	100		ug/L		80	71 - 125
Acetone	125	114		ug/L		91	56 - 142
Benzene	25.0	20.1		ug/L		80	71 - 124
Bromodichloromethane	25.0	19.3	*-	ug/L		77	80 - 122
Bromoform	25.0	19.9		ug/L		80	61 - 132
Bromomethane	25.0	18.2		ug/L		73	55 - 144
Carbon disulfide	25.0	18.5		ug/L		74	59 - 134
Carbon tetrachloride	25.0	19.7		ug/L		79	72 - 134
Chlorobenzene	25.0	21.0		ug/L		84	80 - 120
Chloroethane	25.0	17.5		ug/L		70	69 - 136
Chloroform	25.0	19.4		ug/L		78	73 - 127
Chloromethane	25.0	21.1		ug/L		84	68 - 124
cis-1,2-Dichloroethene	25.0	19.9		ug/L		80	74 - 124
cis-1,3-Dichloropropene	25.0	19.8		ug/L		79	74 - 124
Cyclohexane	25.0	20.1		ug/L		80	59 - 135
Dibromochloromethane	25.0	20.4		ug/L		82	75 - 125
Dichlorodifluoromethane	25.0	18.5		ug/L		74	59 - 135
Ethylbenzene	25.0	20.5		ug/L		82	77 - 123
Isopropylbenzene	25.0	21.0		ug/L		84	77 - 122
Methyl acetate	50.0	39.5		ug/L		79	74 - 133
Methyl tert-butyl ether	25.0	19.4		ug/L		78	77 - 120
Methylcyclohexane	25.0	20.2		ug/L		81	68 - 134
Methylene Chloride	25.0	18.7		ug/L		75	75 - 124
Styrene	25.0	20.3		ug/L		81	80 - 120
Tetrachloroethene	25.0	21.3		ug/L		85	74 - 122
Toluene	25.0	21.2		ug/L		85	80 - 122
trans-1,2-Dichloroethene	25.0	20.4		ug/L		81	73 - 127
trans-1,3-Dichloropropene	25.0	20.2		ug/L		81	80 - 120
Trichloroethene	25.0	20.7		ug/L		83	74 - 123
Trichlorofluoromethane	25.0	20.6		ug/L		82	62 - 150
Vinyl chloride	25.0	20.8		ug/L		83	65 - 133

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

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

Lab Sample ID: MB 480-575289/1
Matrix: Water
Analysis Batch: 575289

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			04/06/21 19:30	1

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

Lab Sample ID: LCS 480-575289/2
Matrix: Water
Analysis Batch: 575289

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			2600	2587		mg/L		100	88 - 110		

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-575450/1
Matrix: Water
Analysis Batch: 575450

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			04/07/21 15:25	1

Lab Sample ID: LCS 480-575450/2
Matrix: Water
Analysis Batch: 575450

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	502.0		mg/L		100	85 - 115		

QC Association Summary

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

Job ID: 480-182835-1

GC/MS VOA

Analysis Batch: 575238

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-182835-2	BETWEEN CARBONS 040521	Total/NA	Water	8260C	
480-182835-3	EFFLUENT 040521	Total/NA	Water	8260C	
MB 480-575238/8	Method Blank	Total/NA	Water	8260C	
LCS 480-575238/6	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 575316

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-182835-2 - DL	BETWEEN CARBONS 040521	Total/NA	Water	8260C	
MB 480-575316/8	Method Blank	Total/NA	Water	8260C	
LCS 480-575316/32	Lab Control Sample	Total/NA	Water	8260C	

General Chemistry

Analysis Batch: 575289

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-182835-1	EFFLUENT 040521	Total/NA	Water	SM 2540D	
MB 480-575289/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-575289/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 575450

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-182835-1	EFFLUENT 040521	Total/NA	Water	SM2540 C	
MB 480-575450/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-575450/2	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: 480-182835-1

Client Sample ID: EFFLUENT 040521

Lab Sample ID: 480-182835-1

Date Collected: 04/05/21 07:00
Matrix: Water
Date Received: 04/06/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	575289	04/06/21 19:30	CSS	TAL BUF
Total/NA	Analysis	SM2540 C		1	575450	04/07/21 15:25	CSS	TAL BUF

Client Sample ID: BETWEEN CARBONS 040521

Lab Sample ID: 480-182835-2

Date Collected: 04/05/21 07:00
Matrix: Water
Date Received: 04/06/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	575238	04/06/21 23:17	WJD	TAL BUF
Total/NA	Analysis	8260C	DL	4	575316	04/07/21 15:20	AMM	TAL BUF

Client Sample ID: EFFLUENT 040521

Lab Sample ID: 480-182835-3

Date Collected: 04/05/21 07:00
Matrix: Water
Date Received: 04/06/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	575238	04/06/21 23:41	WJD	TAL BUF

Laboratory References:

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

Accreditation/Certification Summary

Client: O'Brien & Gere Inc of North America
Job ID: 480-182835-1
Project/Site: Former Accurate Die Cast

Laboratory: Eurofins TestAmerica, Buffalo

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

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

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

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

Method Summary

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

Job ID: 480-182835-1

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: 480-182835-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-182835-1	EFFLUENT 040521	Water	04/05/21 07:00	04/06/21 08:00	
480-182835-2	BETWEEN CARBONS 040521	Water	04/05/21 07:00	04/06/21 08:00	
480-182835-3	EFFLUENT 040521	Water	04/05/21 07:00	04/06/21 08:00	

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

Chain of Custody Record

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Syracuse #225

Client Information	Sampler: MARTIN KOENNECKE	Lab PM: Giacomazza, Joe V	Carrier Tracking No(s):	COC No: 480-145298-10588.1
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: joe.giacomazza@testamericainc.com	State of Origin:	Page: Page 1 of 1
Company: O'Brien & Gere Inc of North America	PWSID:	Analysis Requested		Job #:
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:			Preservation Codes: A - HCL, B - NaOH, M - Hexane, N - None
City: East Syracuse	TAT Requested (days):			
State, Zip: NY, 13221	Compliance Project: Δ Yes Δ No			
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 12000090			
Email: yuri.veliz@ramboll.com	WO #:			
Project Name: Former Accurate Die Cast	Project #: 48008584			
Site: New York	SSOW#:			Other:

480-182835 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	2540D - Total Suspended Solids	2540C_Calcd - Total Dissolved Solids	8260C - Volatile Organic Compounds	Total Number of con	Special Instructions/Note:
Preservation Code:							N	N	A		
Effluent 040521	4-5-21	7:00	C	Water			1	1		2	
Between Carbons 040521	4-5-21	7:00	G	Water					3	3	
Effluent 040521	4-5-21	7:00	G	Water					3	3	

RL 4-5-21

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Martin Koennecke	4-5-21 / 10:15	OBG	RL	4-5-21, 10:11	FedEx
RL	4-5-21, 19:00	FedEx	Walker	4/6/21 0800	TAB

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: FF 3.1

Ver: 11/01/2020

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-182835-1

Login Number: 182835

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Wallace, Cameron

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

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ANALYTICAL REPORT

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

Laboratory Job ID: 480-183204-1
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:
4/20/2021 5:45:42 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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Visit us at: www.eurofinsus.com/Env

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

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

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

Table of Contents

Definitions/Glossary

Client: O'Brien & Gere Inc of North America
Job ID: 480-183204-1
Project/Site: Former Accurate Die Cast

Glossary

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

Job ID: 480-183204-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-183204-1

Comments
No additional comments.

Receipt
The sample was received on 4/13/2021 10:00 AM. Unless otherwise noted below, the sample arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.9º C.

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

Detection Summary

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

Job ID: 480-183204-1

Client Sample ID: EFFLUENT 041221

Lab Sample ID: 480-183204-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	723		10.0	4.0	mg/L	1		SM2540 C	Total/NA

This Detection Summary does not include radiochemical test results.

Client: O'Brien & Gere Inc of North America
Job ID: 480-183204-1
Project/Site: Former Accurate Die Cast

Client Sample ID: EFFLUENT 041221
Lab Sample ID: 480-183204-1
Date Collected: 04/12/21 07:20
Matrix: Water
Date Received: 04/13/21 10:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**723**		10.0	4.0	mg/L			04/14/21 10:57	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			04/13/21 18:26	1

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

Job ID: 480-183204-1

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

Lab Sample ID: MB 480-576205/1
Matrix: Water
Analysis Batch: 576205

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			04/13/21 18:26	1

Lab Sample ID: LCS 480-576205/2
Matrix: Water
Analysis Batch: 576205

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	2799		mg/L		100	88 - 110

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-576304/1
Matrix: Water
Analysis Batch: 576304

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			04/14/21 10:57	1

Lab Sample ID: LCS 480-576304/2
Matrix: Water
Analysis Batch: 576304

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	513.0		mg/L		102	85 - 115

QC Association Summary

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

Job ID: 480-183204-1

General Chemistry

Analysis Batch: 576205

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-183204-1	EFFLUENT 041221	Total/NA	Water	SM 2540D	
MB 480-576205/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-576205/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 576304

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-183204-1	EFFLUENT 041221	Total/NA	Water	SM2540 C	
MB 480-576304/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-576304/2	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: 480-183204-1

Client Sample ID: EFFLUENT 041221
Date Collected: 04/12/21 07:20
Date Received: 04/13/21 10:00

Lab Sample ID: 480-183204-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	576205	04/13/21 18:26	CSS	TAL BUF
Total/NA	Analysis	SM2540 C		1	576304	04/14/21 10:57	CSS	TAL BUF

Laboratory References:

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

Accreditation/Certification Summary

Client: O'Brien & Gere Inc of North America
Job ID: 480-183204-1
Project/Site: Former Accurate Die Cast

Laboratory: Eurofins TestAmerica, Buffalo

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

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

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

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

Method Summary

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

Job ID: 480-183204-1

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: 480-183204-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-183204-1	EFFLUENT 041221	Water	04/12/21 07:20	04/13/21 10:00	

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

Chain of Custody Record

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Client Information	Sampler: MARTIN Koenneckt	Lab PM: Giacomazza, Joe V	Carrier Tracking No(s): Syracuse	COC No: 480-158057-10586.1
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: joe.giacomazza@testamericainc.com	State of Origin:	Page: Page 1 of 1
Company: O'Brien & Gere Inc of North America	PWSID:		Analysis Requested #225	Job #:
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:			
City: East Syracuse	TAT Requested (days):			
State, Zip: NY, 13221	Compliance Project: Δ Yes Δ No			
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 1940002622			
Email: yuri.veliz@ramboll.com	WO #:			
Project Name: Former Accurate Die Cast	Project #: 48008584			
Site: New York	SSOW#:			

Preservation Codes:

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

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	2540D - Total Suspended Solids	2540C_Calcd - Total Dissolved Solids	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
Effluent 041221	4-12-21	7:20	C	Water			1	1	2	

RE-1 4-12-21

480-183204 Chain of Custody

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:	
Relinquished by: Martin Koenneckt	Date/Time: 4-12-21	9:50	Company OBG	Received by: RE-1 4/12/21	Date/Time: 4-12-21	0950	Company
Relinquished by: RE-1 4/12/21	Date/Time: 4-12-21	1900	Company	Received by:	Date/Time:		Company
Relinquished by:	Date/Time:		Company	Received by:	Date/Time: 4/13/21	1000	Company

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

Cooler Temperature(s) °C and Other Remarks: 2.9 #1

Ver: 11/01/2020

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-183204-1

Login Number: 183204

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	

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ANALYTICAL REPORT

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

Laboratory Job ID: 480-183529-1
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:
4/28/2021 5:27:44 PM
Rebecca Jones, Project Management Assistant I
Rebecca.Jones@Eurofinset.com

Designee for

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

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.eurofinsus.com/Env

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

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

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

Table of Contents

Definitions/Glossary

Client: O'Brien & Gere Inc of North America
Job ID: 480-183529-1
Project/Site: Former Accurate Die Cast

Glossary

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

Job ID: 480-183529-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-183529-1

Comments
No additional comments.

Receipt
The samples were received on 4/20/2021 8:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.9º C.

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

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

Detection Summary

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

Job ID: 480-183529-1

Client Sample ID: EFFLUENT 041921 - COMP — Lab Sample ID: 480-183529-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	718		10.0	4.0	mg/L	1		SM2540 C	Total/NA

Client Sample ID: EFFLUENT 041921 - GRAB — Lab Sample ID: 480-183529-2

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: EFFLUENT 041921 - COMP

Lab Sample ID: 480-183529-1
Date Collected: 04/19/21 07:20
Matrix: Wastewater
Date Received: 04/20/21 08:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**718**		10.0	4.0	mg/L			04/22/21 10:51	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			04/21/21 09:30	1

Client Sample ID: EFFLUENT 041921 - GRAB

Lab Sample ID: 480-183529-2
Date Collected: 04/19/21 07:20
Matrix: Wastewater
Date Received: 04/20/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/20/21 13:40	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/20/21 13:40	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/20/21 13:40	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/20/21 13:40	1
Toluene	ND		1.0	0.51	ug/L			04/20/21 13:40	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/20/21 13:40	1
Trichloroethene	ND		1.0	0.46	ug/L			04/20/21 13:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*04/20/21 13:40*	*1*
4-Bromofluorobenzene (Surr)	*89*		*73 - 120*		*04/20/21 13:40*	*1*
Toluene-d8 (Surr)	*92*		*80 - 120*		*04/20/21 13:40*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 123*		*04/20/21 13:40*	*1*

Surrogate Summary

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

Job ID: 480-183529-1

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

Matrix: Wastewater — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(80-120)	(75-123)
480-183529-2	EFFLUENT 041921 - GRAB	102	89	92	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)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(80-120)	(75-123)
LCS 480-576968/5	Lab Control Sample	96	89	96	96
MB 480-576968/7	Method Blank	100	91	94	100

Surrogate Legend

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

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

Lab Sample ID: MB 480-576968/7
Matrix: Water
Analysis Batch: 576968

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/20/21 11:41	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/20/21 11:41	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/20/21 11:41	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/20/21 11:41	1
Toluene	ND		1.0	0.51	ug/L			04/20/21 11:41	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/20/21 11:41	1
Trichloroethene	ND		1.0	0.46	ug/L			04/20/21 11:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*		*04/20/21 11:41*	*1*
4-Bromofluorobenzene (Surr)	*91*		*73 - 120*		*04/20/21 11:41*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*04/20/21 11:41*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 123*		*04/20/21 11:41*	*1*

Lab Sample ID: LCS 480-576968/5
Matrix: Water
Analysis Batch: 576968

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2,2-Tetrachloroethane	25.0	26.7		ug/L		107	76 - 120
cis-1,2-Dichloroethene	25.0	23.9		ug/L		96	74 - 124
Methylene Chloride	25.0	23.7		ug/L		95	75 - 124
Tetrachloroethene	25.0	24.4		ug/L		97	74 - 122
Toluene	25.0	24.9		ug/L		100	80 - 122
trans-1,2-Dichloroethene	25.0	23.5		ug/L		94	73 - 127
Trichloroethene	25.0	23.8		ug/L		95	74 - 123

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

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

Lab Sample ID: MB 480-577183/1
Matrix: Water
Analysis Batch: 577183

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			04/21/21 09:30	1

Lab Sample ID: LCS 480-577183/4
Matrix: Water
Analysis Batch: 577183

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	2110	2098		mg/L		99	88 - 110

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

Job ID: 480-183529-1

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

Lab Sample ID: LCS 480-577183/6
Matrix: Water
Analysis Batch: 577183

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			2160	2132		mg/L		99	88 - 110		

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-577391/1
Matrix: Water
Analysis Batch: 577391

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			04/22/21 10:51	1

Lab Sample ID: LCS 480-577391/2
Matrix: Water
Analysis Batch: 577391

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	493.0		mg/L		99	85 - 115		

QC Association Summary

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

Job ID: 480-183529-1

GC/MS VOA

Analysis Batch: 576968

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-183529-2	EFFLUENT 041921 - GRAB	Total/NA	Wastewater	8260C	
MB 480-576968/7	Method Blank	Total/NA	Water	8260C	
LCS 480-576968/5	Lab Control Sample	Total/NA	Water	8260C	

General Chemistry

Analysis Batch: 577183

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-183529-1	EFFLUENT 041921 - COMP	Total/NA	Wastewater	SM 2540D	
MB 480-577183/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-577183/4	Lab Control Sample	Total/NA	Water	SM 2540D	
LCS 480-577183/6	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 577391

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-183529-1	EFFLUENT 041921 - COMP	Total/NA	Wastewater	SM2540 C	
MB 480-577391/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-577391/2	Lab Control Sample	Total/NA	Water	SM2540 C	

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Job ID: 480-183529-1
Project/Site: Former Accurate Die Cast

Client Sample ID: EFFLUENT 041921 - COMP
Lab Sample ID: 480-183529-1

Date Collected: 04/19/21 07:20
Matrix: Wastewater
Date Received: 04/20/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	577183	04/21/21 09:30	CSS	TAL BUF
Total/NA	Analysis	SM2540 C		1	577391	04/22/21 10:51	CSS	TAL BUF

Client Sample ID: EFFLUENT 041921 - GRAB
Lab Sample ID: 480-183529-2

Date Collected: 04/19/21 07:20
Matrix: Wastewater
Date Received: 04/20/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	576968	04/20/21 13:40	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
Job ID: 480-183529-1
Project/Site: Former Accurate Die Cast

Laboratory: Eurofins TestAmerica, Buffalo

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

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

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

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

Method Summary

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

Job ID: 480-183529-1

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: 480-183529-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-183529-1	EFFLUENT 041921 - COMP	Wastewater	04/19/21 07:20	04/20/21 08:00	
480-183529-2	EFFLUENT 041921 - GRAB	Wastewater	04/19/21 07:20	04/20/21 08:00	

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: MARTIN KOENNECKE	Lab PM: Giacomazza, Joe V	Carrier Tracking No(s):	COC No: 480-145313-10587.1
Client Contact: Mr. Yuri Veliz	Phone: 315 729- 1300	E-Mail: joe.giacomazza@testamericainc.com	State of Origin:	Page: Page 1 of 1
Company: O'Brien & Gere Inc of North America	PWSID:	Analysis Requested		Job #:
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:			Preservation Codes: A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone
City: East Syracuse	TAT Requested (days):			
State, Zip: NY, 13221	Compliance Project: Δ Yes Δ No			
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 1940002622			
Email: yuri.veliz@ramboll.com	WO #:			
Project Name: Former Accurate Die Cast	Project #: 48008584			
Site: New York	SSOW#:			

480-183529 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	2540D - Total Suspended Solids	2540C_Calcd - Total Dissolved Solids	8260C - Volatile Organic Compounds	Total	Special Instructions/Note:
			Preservation Code:				N	N	A		
Effluent 041921	4-19-21	7:20	C	Water			1	1		2	
EFFLUENT 041921	4-19-21	7:20	G	WATER					3	3	

Rec'd 4-19-21

Syracuse #225

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

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Martin Koennecke	4-19-21 / 10:15	OBG	RENGLISH	4-19-21, 10:15	Eyn
Relinquished by: RENGLISH	Date/Time: 4-19-21, 1900	Company Eyn	Received by: Cwilliams	Date/Time: 4/20/21 0800	Company TAS
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: #1 2.9

Ver: 11/01/2020

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-183529-1

Login Number: 183529

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Wallace, Cameron

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

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ANALYTICAL REPORT

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

Laboratory Job ID: 480-183833-1
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:
5/7/2021 2:42:04 PM
Rebecca Jones, Project Management Assistant I
Rebecca.Jones@Eurofinset.com

Designee for

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

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

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

Table of Contents

Client: O'Brien & Gere Inc of North America
Job ID: 480-183833-1
Project/Site: Former Accurate Die Cast

Glossary

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

Case Narrative

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

Job ID: 480-183833-1

Job ID: 480-183833-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-183833-1

Comments
No additional comments.

Receipt
The sample was received on 4/27/2021 8:00 AM. Unless otherwise noted below, the sample arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.8º C.

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

Detection Summary

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

Job ID: 480-183833-1

Client Sample ID: EFFLUENT - 042621

Lab Sample ID: 480-183833-1

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Total Suspended Solids	4.8		4.0	4.0	mg/L	1		SM 2540D	Total/NA
Total Dissolved Solids	681		10.0	4.0	mg/L	1		SM2540 C	Total/NA

This Detection Summary does not include radiochemical test results.

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

Job ID: 480-183833-1

Client Sample ID: EFFLUENT - 042621
Date Collected: 04/26/21 07:00
Date Received: 04/27/21 08:00

Lab Sample ID: 480-183833-1
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	681		10.0	4.0	mg/L			04/29/21 11:19	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	4.8		4.0	4.0	mg/L			04/28/21 14:47	1

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

Job ID: 480-183833-1

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

Lab Sample ID: MB 480-578400/1
Matrix: Water
Analysis Batch: 578400

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			04/28/21 14:47	1

Lab Sample ID: LCS 480-578400/2
Matrix: Water
Analysis Batch: 578400

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			394	393.6		mg/L		100	88 - 110		

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-578552/1
Matrix: Water
Analysis Batch: 578552

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			04/29/21 11:19	1

Lab Sample ID: LCS 480-578552/2
Matrix: Water
Analysis Batch: 578552

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	498.0		mg/L		100	85 - 115		

QC Association Summary

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

Job ID: 480-183833-1

General Chemistry

Analysis Batch: 578400

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-183833-1	EFFLUENT - 042621	Total/NA	Water	SM 2540D	
MB 480-578400/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-578400/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 578552

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-183833-1	EFFLUENT - 042621	Total/NA	Water	SM2540 C	
MB 480-578552/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-578552/2	Lab Control Sample	Total/NA	Water	SM2540 C	

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Job ID: 480-183833-1
Project/Site: Former Accurate Die Cast

Client Sample ID: EFFLUENT - 042621
Lab Sample ID: 480-183833-1
Date Collected: 04/26/21 07:00
Matrix: Water
Date Received: 04/27/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	578400	04/28/21 14:47	CSS	TAL BUF
Total/NA	Analysis	SM2540 C		1	578552	04/29/21 11:19	CSS	TAL BUF

Laboratory References:

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

Accreditation/Certification Summary

Client: O'Brien & Gere Inc of North America
Job ID: 480-183833-1
Project/Site: Former Accurate Die Cast

Laboratory: Eurofins TestAmerica, Buffalo

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

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

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

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

Method Summary

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

Job ID: 480-183833-1

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: 480-183833-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-183833-1	EFFLUENT - 042621	Water	04/26/21 07:00	04/27/21 08:00	

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

Chain of Custody Record

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Syracuse

#225

Client Information	Sampler: MARTin Koennecke	Lab PM: Giacomazza, Joe V	Carrier Tracking No(s):	COC No: 480-158058-10586.1
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: joe.giacomazza@testamericainc.com	State of Origin:	Page: Page 1 of 1
Company: O'Brien & Gere Inc of North America	PWSID:			Job #:
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:			
City: East Syracuse	TAT Requested (days):			
State, Zip: NY, 13221	Compliance Project: Δ Yes Δ No			
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 1940002622			
Email: yuri.veliz@ramboll.com	WO #:			
Project Name: Former Accurate Die Cast	Project #: 48008584			
Site: New York	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL
B - NaOH
C - Zn Acetate
D - Nitric Acid
E - NaHSO4
F - MeOH
G - Amchlor
H - Ascorbic Acid
I - Ice
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)

480-183833 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	2540D - Total Suspended Solids	2540C_Calcd - Total Dissolved Solids	Total	Special Instructions/Note:
			Preservation Code:				N	N		
Effluent 042621	4-26-21	7:00	C	Water			1	1	2	

Re- 4-26-21

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Martin Koennecke	4-26-21 / 10:15	QBG	Reinlich	4-26-21, 10:15	Eya
Relinquished by: Reinlich	Date/Time: 4-26-21, 1900	Company: Eya	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 4/27/21 0600	Company TAT

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

Ver: 11/01/2020

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-183833-1

Login Number: 183833

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Stopa, Erik S

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

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ANALYTICAL REPORT

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

Laboratory Job ID: 480-184352-1
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:
5/17/2021 2:02:07 PM
Rebecca Jones, Project Management Assistant I
Rebecca.Jones@Eurofinset.com

Designee for

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

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Table of Contents

Definitions/Glossary

Client: O'Brien & Gere Inc of North America
Job ID: 480-184352-1
Project/Site: Former Accurate Die Cast

Glossary

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

Job ID: 480-184352-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-184352-1

Comments
No additional comments.

Receipt
The samples were received on 5/7/2021 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 2.8º C.

GC/MS VOA
Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: BETWEEN CARBONS 050621 (480-184352-2). 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.

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
Job ID: 480-184352-1
Project/Site: Former Accurate Die Cast

Client Sample ID: EFFLUENT 050621 — Lab Sample ID: 480-184352-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	860		10.0	4.0	mg/L	1		SM2540 C	Total/NA

Client Sample ID: BETWEEN CARBONS 050621 — Lab Sample ID: 480-184352-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	6.8		4.0	3.2	ug/L	4		8260C	Total/NA
Trichloroethene	170		4.0	1.8	ug/L	4		8260C	Total/NA

Client Sample ID: EFFLUENT 050621 — Lab Sample ID: 480-184352-3

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: EFFLUENT 050621

Lab Sample ID: 480-184352-1

Date Collected: 05/06/21 07:00

Matrix: Water

Date Received: 05/07/21 08:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**860**		10.0	4.0	mg/L			05/12/21 12:24	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			05/10/21 13:02	1

Client Sample ID: BETWEEN CARBONS 050621

Lab Sample ID: 480-184352-2

Date Collected: 05/06/21 07:00

Matrix: Water

Date Received: 05/07/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	3.3	ug/L			05/08/21 18:30	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			05/08/21 18:30	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2	ug/L			05/08/21 18:30	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			05/08/21 18:30	4
1,1-Dichloroethane	ND		4.0	1.5	ug/L			05/08/21 18:30	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			05/08/21 18:30	4
1,2,4-Trichlorobenzene	ND		4.0	1.6	ug/L			05/08/21 18:30	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			05/08/21 18:30	4
1,2-Dibromoethane	ND		4.0	2.9	ug/L			05/08/21 18:30	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			05/08/21 18:30	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			05/08/21 18:30	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			05/08/21 18:30	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			05/08/21 18:30	4
1,4-Dichlorobenzene	ND		4.0	3.4	ug/L			05/08/21 18:30	4
2-Butanone (MEK)	ND		40	5.3	ug/L			05/08/21 18:30	4
2-Hexanone	ND		20	5.0	ug/L			05/08/21 18:30	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			05/08/21 18:30	4
Acetone	ND		40	12	ug/L			05/08/21 18:30	4
Benzene	ND		4.0	1.6	ug/L			05/08/21 18:30	4
Bromodichloromethane	ND		4.0	1.6	ug/L			05/08/21 18:30	4
Bromoform	ND		4.0	1.0	ug/L			05/08/21 18:30	4
Bromomethane	ND		4.0	2.8	ug/L			05/08/21 18:30	4
Carbon disulfide	ND		4.0	0.76	ug/L			05/08/21 18:30	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			05/08/21 18:30	4
Chlorobenzene	ND		4.0	3.0	ug/L			05/08/21 18:30	4
Chloroethane	ND		4.0	1.3	ug/L			05/08/21 18:30	4
Chloroform	ND		4.0	1.4	ug/L			05/08/21 18:30	4
Chloromethane	ND		4.0	1.4	ug/L			05/08/21 18:30	4
cis-1,2-Dichloroethene	**6.8**		4.0	3.2	ug/L			05/08/21 18:30	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			05/08/21 18:30	4
Cyclohexane	ND		4.0	0.72	ug/L			05/08/21 18:30	4
Dibromochloromethane	ND		4.0	1.3	ug/L			05/08/21 18:30	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			05/08/21 18:30	4
Ethylbenzene	ND		4.0	3.0	ug/L			05/08/21 18:30	4
Isopropylbenzene	ND		4.0	3.2	ug/L			05/08/21 18:30	4
Methyl acetate	ND		10	5.2	ug/L			05/08/21 18:30	4
Methyl tert-butyl ether	ND		4.0	0.64	ug/L			05/08/21 18:30	4
Methylcyclohexane	ND		4.0	0.64	ug/L			05/08/21 18:30	4
Methylene Chloride	ND		4.0	1.8	ug/L			05/08/21 18:30	4
Styrene	ND		4.0	2.9	ug/L			05/08/21 18:30	4

Client Sample ID: BETWEEN CARBONS 050621

Lab Sample ID: 480-184352-2

Date Collected: 05/06/21 07:00

Matrix: Water

Date Received: 05/07/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		4.0	1.4	ug/L			05/08/21 18:30	4
Toluene	ND		4.0	2.0	ug/L			05/08/21 18:30	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			05/08/21 18:30	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			05/08/21 18:30	4
Trichloroethene	**170**		4.0	1.8	ug/L			05/08/21 18:30	4
Trichlorofluoromethane	ND		4.0	3.5	ug/L			05/08/21 18:30	4
Vinyl chloride	ND		4.0	3.6	ug/L			05/08/21 18:30	4
Xylenes, Total	ND		8.0	2.6	ug/L			05/08/21 18:30	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*77 - 120*		*05/08/21 18:30*	*4*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*		*05/08/21 18:30*	*4*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*05/08/21 18:30*	*4*
Toluene-d8 (Surr)	*85*		*80 - 120*		*05/08/21 18:30*	*4*

Client Sample ID: EFFLUENT 050621

Lab Sample ID: 480-184352-3

Date Collected: 05/06/21 07:00

Matrix: Water

Date Received: 05/07/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			05/08/21 18:52	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/08/21 18:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			05/08/21 18:52	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/08/21 18:52	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/08/21 18:52	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/08/21 18:52	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/08/21 18:52	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			05/08/21 18:52	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			05/08/21 18:52	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/08/21 18:52	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/08/21 18:52	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/08/21 18:52	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/08/21 18:52	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/08/21 18:52	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/08/21 18:52	1
2-Hexanone	ND		5.0	1.2	ug/L			05/08/21 18:52	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/08/21 18:52	1
Acetone	ND		10	3.0	ug/L			05/08/21 18:52	1
Benzene	ND		1.0	0.41	ug/L			05/08/21 18:52	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/08/21 18:52	1
Bromoform	ND		1.0	0.26	ug/L			05/08/21 18:52	1
Bromomethane	ND		1.0	0.69	ug/L			05/08/21 18:52	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/08/21 18:52	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/08/21 18:52	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/08/21 18:52	1
Chloroethane	ND		1.0	0.32	ug/L			05/08/21 18:52	1
Chloroform	ND		1.0	0.34	ug/L			05/08/21 18:52	1
Chloromethane	ND		1.0	0.35	ug/L			05/08/21 18:52	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/08/21 18:52	1

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

Job ID: 480-184352-1

Client Sample ID: EFFLUENT 050621
Date Collected: 05/06/21 07:00
Date Received: 05/07/21 08:00

Lab Sample ID: 480-184352-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/08/21 18:52	1
Cyclohexane	ND		1.0	0.18	ug/L			05/08/21 18:52	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/08/21 18:52	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			05/08/21 18:52	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/08/21 18:52	1
Isopropylbenzene	ND		1.0	0.79	ug/L			05/08/21 18:52	1
Methyl acetate	ND		2.5	1.3	ug/L			05/08/21 18:52	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/08/21 18:52	1
Methylcyclohexane	ND		1.0	0.16	ug/L			05/08/21 18:52	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/08/21 18:52	1
Styrene	ND		1.0	0.73	ug/L			05/08/21 18:52	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/08/21 18:52	1
Toluene	ND		1.0	0.51	ug/L			05/08/21 18:52	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/08/21 18:52	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/08/21 18:52	1
Trichloroethene	ND		1.0	0.46	ug/L			05/08/21 18:52	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			05/08/21 18:52	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/08/21 18:52	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/08/21 18:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*		*05/08/21 18:52*	*1*
4-Bromofluorobenzene (Surr)	*91*		*73 - 120*		*05/08/21 18:52*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 123*		*05/08/21 18:52*	*1*
Toluene-d8 (Surr)	*88*		*80 - 120*		*05/08/21 18:52*	*1*

Surrogate Summary

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

Job ID: 480-184352-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(75-123)	(80-120)
480-184352-2	BETWEEN CARBONS 050621	95	93	96	85
480-184352-3	EFFLUENT 050621	98	91	98	88
LCS 480-579983/5	Lab Control Sample	95	96	103	93
MB 480-579983/7	Method Blank	94	92	102	88

Surrogate Legend

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

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

Job ID: 480-184352-1

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

Lab Sample ID: MB 480-579983/7
Matrix: Water
Analysis Batch: 579983

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			05/08/21 12:29	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/08/21 12:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			05/08/21 12:29	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/08/21 12:29	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/08/21 12:29	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/08/21 12:29	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/08/21 12:29	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			05/08/21 12:29	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			05/08/21 12:29	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/08/21 12:29	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/08/21 12:29	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/08/21 12:29	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/08/21 12:29	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/08/21 12:29	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/08/21 12:29	1
2-Hexanone	ND		5.0	1.2	ug/L			05/08/21 12:29	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/08/21 12:29	1
Acetone	ND		10	3.0	ug/L			05/08/21 12:29	1
Benzene	ND		1.0	0.41	ug/L			05/08/21 12:29	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/08/21 12:29	1
Bromoform	ND		1.0	0.26	ug/L			05/08/21 12:29	1
Bromomethane	ND		1.0	0.69	ug/L			05/08/21 12:29	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/08/21 12:29	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/08/21 12:29	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/08/21 12:29	1
Chloroethane	ND		1.0	0.32	ug/L			05/08/21 12:29	1
Chloroform	ND		1.0	0.34	ug/L			05/08/21 12:29	1
Chloromethane	ND		1.0	0.35	ug/L			05/08/21 12:29	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/08/21 12:29	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/08/21 12:29	1
Cyclohexane	ND		1.0	0.18	ug/L			05/08/21 12:29	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/08/21 12:29	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			05/08/21 12:29	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/08/21 12:29	1
Isopropylbenzene	ND		1.0	0.79	ug/L			05/08/21 12:29	1
Methyl acetate	ND		2.5	1.3	ug/L			05/08/21 12:29	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/08/21 12:29	1
Methylcyclohexane	ND		1.0	0.16	ug/L			05/08/21 12:29	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/08/21 12:29	1
Styrene	ND		1.0	0.73	ug/L			05/08/21 12:29	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/08/21 12:29	1
Toluene	ND		1.0	0.51	ug/L			05/08/21 12:29	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/08/21 12:29	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/08/21 12:29	1
Trichloroethene	ND		1.0	0.46	ug/L			05/08/21 12:29	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			05/08/21 12:29	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/08/21 12:29	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/08/21 12:29	1

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

Lab Sample ID: MB 480-579983/7
Matrix: Water
Analysis Batch: 579983

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*94*		*77 - 120*		*05/08/21 12:29*	*1*
4-Bromofluorobenzene (Surr)	*92*		*73 - 120*		*05/08/21 12:29*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 123*		*05/08/21 12:29*	*1*
Toluene-d8 (Surr)	*88*		*80 - 120*		*05/08/21 12:29*	*1*

Lab Sample ID: LCS 480-579983/5
Matrix: Water
Analysis Batch: 579983

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	25.5		ug/L		102	73 - 126
1,1,2,2-Tetrachloroethane	25.0	24.6		ug/L		98	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	24.7		ug/L		99	61 - 148
1,1,2-Trichloroethane	25.0	25.9		ug/L		103	76 - 122
1,1-Dichloroethane	25.0	26.4		ug/L		106	77 - 120
1,1-Dichloroethene	25.0	24.3		ug/L		97	66 - 127
1,2,4-Trichlorobenzene	25.0	23.4		ug/L		94	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	23.7		ug/L		95	56 - 134
1,2-Dibromoethane	25.0	26.9		ug/L		107	77 - 120
1,2-Dichlorobenzene	25.0	23.8		ug/L		95	80 - 124
1,2-Dichloroethane	25.0	25.6		ug/L		102	75 - 120
1,2-Dichloropropane	25.0	26.4		ug/L		106	76 - 120
1,3-Dichlorobenzene	25.0	24.3		ug/L		97	77 - 120
1,4-Dichlorobenzene	25.0	23.8		ug/L		95	80 - 120
2-Butanone (MEK)	125	138		ug/L		110	57 - 140
2-Hexanone	125	137		ug/L		110	65 - 127
4-Methyl-2-pentanone (MIBK)	125	137		ug/L		110	71 - 125
Acetone	125	140		ug/L		112	56 - 142
Benzene	25.0	25.0		ug/L		100	71 - 124
Bromodichloromethane	25.0	25.4		ug/L		102	80 - 122
Bromoform	25.0	24.1		ug/L		96	61 - 132
Bromomethane	25.0	23.7		ug/L		95	55 - 144
Carbon disulfide	25.0	23.3		ug/L		93	59 - 134
Carbon tetrachloride	25.0	24.0		ug/L		96	72 - 134
Chlorobenzene	25.0	25.0		ug/L		100	80 - 120
Chloroethane	25.0	24.7		ug/L		99	69 - 136
Chloroform	25.0	25.1		ug/L		101	73 - 127
Chloromethane	25.0	26.8		ug/L		107	68 - 124
cis-1,2-Dichloroethene	25.0	25.3		ug/L		101	74 - 124
cis-1,3-Dichloropropene	25.0	24.9		ug/L		100	74 - 124
Cyclohexane	25.0	23.9		ug/L		95	59 - 135
Dibromochloromethane	25.0	25.2		ug/L		101	75 - 125
Dichlorodifluoromethane	25.0	24.8		ug/L		99	59 - 135
Ethylbenzene	25.0	24.7		ug/L		99	77 - 123
Isopropylbenzene	25.0	23.9		ug/L		95	77 - 122
Methyl acetate	50.0	52.6		ug/L		105	74 - 133
Methyl tert-butyl ether	25.0	25.6		ug/L		102	77 - 120
Methylcyclohexane	25.0	23.1		ug/L		92	68 - 134

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

Lab Sample ID: LCS 480-579983/5
Matrix: Water
Analysis Batch: 579983

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	26.2		ug/L		105	75 - 124
Styrene	25.0	24.7		ug/L		99	80 - 120
Tetrachloroethene	25.0	25.1		ug/L		100	74 - 122
Toluene	25.0	23.9		ug/L		96	80 - 122
trans-1,2-Dichloroethene	25.0	25.1		ug/L		100	73 - 127
trans-1,3-Dichloropropene	25.0	25.9		ug/L		104	80 - 120
Trichloroethene	25.0	24.6		ug/L		98	74 - 123
Trichlorofluoromethane	25.0	23.9		ug/L		96	62 - 150
Vinyl chloride	25.0	25.2		ug/L		101	65 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*77 - 120*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*
Dibromofluoromethane (Surr)	*103*		*75 - 123*
Toluene-d8 (Surr)	*93*		*80 - 120*

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

Lab Sample ID: MB 480-580155/1
Matrix: Water
Analysis Batch: 580155

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			05/10/21 13:02	1

Lab Sample ID: LCS 480-580155/2
Matrix: Water
Analysis Batch: 580155

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	397	396.4		mg/L		100	88 - 110

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-580554/1
Matrix: Water
Analysis Batch: 580554

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			05/12/21 12:24	1

Lab Sample ID: LCS 480-580554/2
Matrix: Water
Analysis Batch: 580554

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: 480-184352-1

GC/MS VOA

Analysis Batch: 579983

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184352-2	BETWEEN CARBONS 050621	Total/NA	Water	8260C	
480-184352-3	EFFLUENT 050621	Total/NA	Water	8260C	
MB 480-579983/7	Method Blank	Total/NA	Water	8260C	
LCS 480-579983/5	Lab Control Sample	Total/NA	Water	8260C	

General Chemistry

Analysis Batch: 580155

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184352-1	EFFLUENT 050621	Total/NA	Water	SM 2540D	
MB 480-580155/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-580155/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 580554

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184352-1	EFFLUENT 050621	Total/NA	Water	SM2540 C	
MB 480-580554/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-580554/2	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: 480-184352-1

Client Sample ID: EFFLUENT 050621

Lab Sample ID: 480-184352-1

Date Collected: 05/06/21 07:00
Matrix: Water
Date Received: 05/07/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	580155	05/10/21 13:02	JGO	TAL BUF
Total/NA	Analysis	SM2540 C		1	580554	05/12/21 12:24	JGO	TAL BUF

Client Sample ID: BETWEEN CARBONS 050621

Lab Sample ID: 480-184352-2

Date Collected: 05/06/21 07:00
Matrix: Water
Date Received: 05/07/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		4	579983	05/08/21 18:30	WJD	TAL BUF

Client Sample ID: EFFLUENT 050621

Lab Sample ID: 480-184352-3

Date Collected: 05/06/21 07:00
Matrix: Water
Date Received: 05/07/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	579983	05/08/21 18:52	WJD	TAL BUF

Laboratory References:

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

Accreditation/Certification Summary

Client: O'Brien & Gere Inc of North America
Job ID: 480-184352-1
Project/Site: Former Accurate Die Cast

Laboratory: Eurofins TestAmerica, Buffalo

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

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

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

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

Method Summary

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

Job ID: 480-184352-1

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: 480-184352-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-184352-1	EFFLUENT 050621	Water	05/06/21 07:00	05/07/21 08:00	
480-184352-2	BETWEEN CARBONS 050621	Water	05/06/21 07:00	05/07/21 08:00	
480-184352-3	EFFLUENT 050621	Water	05/06/21 07:00	05/07/21 08:00	

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

Chain of Custody Record

eurofins | Environment Testing America

Syracuse #225

Client Information	Sampler: Martin Koennecke	Lab PM: Giacomazza, Joe V	Carrier Tracking No(s):	COC No: 480-145301-10588.1
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: joe.giacomazza@testamericainc.com	State of Origin:	Page: Page 1 of 1
Company: O'Brien & Gere Inc of North America	PWSID:	Analysis Requested		Job #:
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:			
City: East Syracuse	TAT Requested (days): Standard			
State, Zip: NY, 13221	Compliance Project: Δ Yes Δ No			
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 1940002622			
Email: yuri.veliz@ramboll.com	WO #:			
Project Name: Former Accurate Die Cast	Project #: 48008584			
Site: New York	SSOW#:			

480-184352 Chain of Custody

decahydrate

I - Ice, J - DI Water, K - EDTA, L - EDA, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	2540D - Total Suspended Solids	2540C_Calcd - Total Dissolved Solids	8260C - Volatile Organic Compounds												Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	A													
Effluent 050621	5-6-21	7:00	C	Water			1	1													2	
Between Carbons 050621	5-6-21	7:00	G	Water					3												3	
Effluent 050621	5-6-21	7:00	G	Water					3												3	

5-6-21 Rec'd

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Martin Koennecke	5-6-21 / 10:12	OBG		5/6/21 1012	ES-SYR
Relinquished by: Relinquished	Date/Time: 5-6-21, 1900	Company: Ryn	Received by: CWalker	Date/Time: 5/7/21 0800	Company: TAB
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 11/01/2020

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-184352-1

Login Number: 184352

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Wallace, Cameron

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

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ANALYTICAL REPORT

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

Laboratory Job ID: 480-184473-1
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:
5/20/2021 4:34:06 PM
Rebecca Jones, Project Management Assistant I
Rebecca.Jones@Eurofinset.com

Designee for

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

LINKS

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

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

Table of Contents

Glossary

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

Job ID: 480-184473-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-184473-1

Comments
No additional comments.

Receipt
The sample was received on 5/11/2021 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 2.3º C.

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

Detection Summary

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

Job ID: 480-184473-1

Client Sample ID: EFFLUENT 051021

Lab Sample ID: 480-184473-1

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

This Detection Summary does not include radiochemical test results.

Client: O'Brien & Gere Inc of North America
Job ID: 480-184473-1
Project/Site: Former Accurate Die Cast

Client Sample ID: EFFLUENT 051021
Lab Sample ID: 480-184473-1
Date Collected: 05/10/21 07:20
Matrix: Water
Date Received: 05/11/21 08:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**644**		10.0	4.0	mg/L			05/14/21 10:19	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			05/12/21 09:54	1

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

Job ID: 480-184473-1

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

Lab Sample ID: MB 480-580500/1
Matrix: Water
Analysis Batch: 580500

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			05/12/21 09:54	1

Lab Sample ID: LCS 480-580500/2
Matrix: Water
Analysis Batch: 580500

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			392	381.2		mg/L		97	88 - 110		

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-580960/1
Matrix: Water
Analysis Batch: 580960

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			05/14/21 10:19	1

Lab Sample ID: LCS 480-580960/2
Matrix: Water
Analysis Batch: 580960

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			512	476.0		mg/L		93	85 - 115		

QC Association Summary

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

Job ID: 480-184473-1

General Chemistry

Analysis Batch: 580500

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184473-1	EFFLUENT 051021	Total/NA	Water	SM 2540D	
MB 480-580500/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-580500/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 580960

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184473-1	EFFLUENT 051021	Total/NA	Water	SM2540 C	
MB 480-580960/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-580960/2	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: 480-184473-1

Client Sample ID: EFFLUENT 051021
Date Collected: 05/10/21 07:20
Date Received: 05/11/21 08:00

Lab Sample ID: 480-184473-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	580500	05/12/21 09:54	CSS	TAL BUF
Total/NA	Analysis	SM2540 C		1	580960	05/14/21 10:19	CSS	TAL BUF

Laboratory References:

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

Accreditation/Certification Summary

Client: O'Brien & Gere Inc of North America
Job ID: 480-184473-1
Project/Site: Former Accurate Die Cast

Laboratory: Eurofins TestAmerica, Buffalo

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

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

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

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

Method Summary

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

Job ID: 480-184473-1

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: 480-184473-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-184473-1	EFFLUENT 051021	Water	05/10/21 07:20	05/11/21 08:00	

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

Chain of Custody Record

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Syracuse #225

Client Information	Sampler: MARTIN Koenwecke	Lab PM: Giacomazza, Joe V	Carrier Tracking No(s):
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: joe.giacomazza@testamericainc.com	State of Origin:
Company: O'Brien & Gere Inc of North America	PWSID:		COC No: 480-158061-10586.1
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:		Page: Page 1 of 1
City: East Syracuse	TAT Requested (days):		Job #:
State, Zip: NY, 13221	Compliance Project: Δ Yes Δ No		
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 1940002622		
Email: yuri.veliz@ramboll.com	WO #:		
Project Name: Former Accurate Die Cast	Project #: 48008584		
Site: New York	SSOW#:		

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	2540D - Total Suspended Solids	2540C_Calcd - Total Dissolved Solids	Number of containers
				Preservation Code:	X	X	N	N	
Effluent 051021	5-10-21	7:20	C	Water			1	1	

RE 5-10-21

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

Other:

Note:

480-184473 Chain of Custody

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:		Time:		Method of Shipment:	
Relinquished by: Martin Koenwecke	Date/Time: 5-10-21 / 9:25	Company: OBG	Received by: R Etigliele		Date/Time: 5-10-21 0925	Company: [illegible]
Relinquished by: R Etiglele	Date/Time: 5-10-21, 1900	Company: [illegible]	Received by: CWallrate		Date/Time: 5/11/21 0800	Company: TA B
Relinquished by:	Date/Time:	Company:	Received by:		Date/Time:	Company:

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: #1 2.3

Ver: 11/01/2020

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-184473-1

Login Number: 184473

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Wallace, Cameron

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

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ANALYTICAL REPORT

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

Laboratory Job ID: 480-184819-1
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:
5/28/2021 11:44:17 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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CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 480-184819-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-184819-1

Comments
No additional comments.

Receipt
The samples were received on 5/18/2021 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 3.3º C.

GC/MS VOA
Method 8260C: The continuing calibration verification (CCV) associated with batch 480-581601 recovered above the upper control limit for Isopropylbenzene. 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 051721 - G (480-184819-2).

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: 480-184819-1

Client Sample ID: Effluent 051721 - C

Lab Sample ID: 480-184819-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	787		10.0	4.0	mg/L	1		SM2540 C	Total/NA

Client Sample ID: Effluent 051721 - G

Lab Sample ID: 480-184819-2

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: Effluent 051721 - C

Lab Sample ID: 480-184819-1

Date Collected: 05/17/21 07:00

Matrix: Water

Date Received: 05/18/21 08:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**787**		10.0	4.0	mg/L			05/21/21 09:12	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			05/19/21 09:34	1

Client Sample ID: Effluent 051721 - G

Lab Sample ID: 480-184819-2

Date Collected: 05/17/21 07:00

Matrix: Water

Date Received: 05/18/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			05/19/21 16:05	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/19/21 16:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			05/19/21 16:05	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/19/21 16:05	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/19/21 16:05	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/19/21 16:05	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/19/21 16:05	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			05/19/21 16:05	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			05/19/21 16:05	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/19/21 16:05	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/19/21 16:05	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/19/21 16:05	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/19/21 16:05	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/19/21 16:05	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/19/21 16:05	1
2-Hexanone	ND		5.0	1.2	ug/L			05/19/21 16:05	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/19/21 16:05	1
Acetone	ND		10	3.0	ug/L			05/19/21 16:05	1
Benzene	ND		1.0	0.41	ug/L			05/19/21 16:05	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/19/21 16:05	1
Bromoform	ND		1.0	0.26	ug/L			05/19/21 16:05	1
Bromomethane	ND		1.0	0.69	ug/L			05/19/21 16:05	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/19/21 16:05	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/19/21 16:05	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/19/21 16:05	1
Chloroethane	ND		1.0	0.32	ug/L			05/19/21 16:05	1
Chloroform	ND		1.0	0.34	ug/L			05/19/21 16:05	1
Chloromethane	ND		1.0	0.35	ug/L			05/19/21 16:05	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/19/21 16:05	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/19/21 16:05	1
Cyclohexane	ND		1.0	0.18	ug/L			05/19/21 16:05	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/19/21 16:05	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			05/19/21 16:05	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/19/21 16:05	1
Isopropylbenzene	ND		1.0	0.79	ug/L			05/19/21 16:05	1
Methyl acetate	ND		2.5	1.3	ug/L			05/19/21 16:05	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/19/21 16:05	1
Methylcyclohexane	ND		1.0	0.16	ug/L			05/19/21 16:05	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/19/21 16:05	1
Styrene	ND		1.0	0.73	ug/L			05/19/21 16:05	1

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

Job ID: 480-184819-1

Client Sample ID: Effluent 051721 - G
Date Collected: 05/17/21 07:00
Date Received: 05/18/21 08:00

Lab Sample ID: 480-184819-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		1.0	0.36	ug/L			05/19/21 16:05	1
Toluene	ND		1.0	0.51	ug/L			05/19/21 16:05	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/19/21 16:05	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/19/21 16:05	1
Trichloroethene	ND		1.0	0.46	ug/L			05/19/21 16:05	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			05/19/21 16:05	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/19/21 16:05	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/19/21 16:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*77 - 120*		*05/19/21 16:05*	*1*
4-Bromofluorobenzene (Surr)	*87*		*73 - 120*		*05/19/21 16:05*	*1*
Dibromofluoromethane (Surr)	*83*		*75 - 123*		*05/19/21 16:05*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*05/19/21 16:05*	*1*

Surrogate Summary

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

Job ID: 480-184819-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(75-123)	(80-120)
480-184819-2	Effluent 051721 - G	85	87	83	101
LCS 480-581601/5	Lab Control Sample	89	90	84	101
MB 480-581601/7	Method Blank	90	85	83	99

Surrogate Legend

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

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

Job ID: 480-184819-1

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

Lab Sample ID: MB 480-581601/7
Matrix: Water
Analysis Batch: 581601

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			05/19/21 14:04	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/19/21 14:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			05/19/21 14:04	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/19/21 14:04	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/19/21 14:04	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/19/21 14:04	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/19/21 14:04	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			05/19/21 14:04	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			05/19/21 14:04	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/19/21 14:04	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/19/21 14:04	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/19/21 14:04	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/19/21 14:04	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/19/21 14:04	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/19/21 14:04	1
2-Hexanone	ND		5.0	1.2	ug/L			05/19/21 14:04	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/19/21 14:04	1
Acetone	ND		10	3.0	ug/L			05/19/21 14:04	1
Benzene	ND		1.0	0.41	ug/L			05/19/21 14:04	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/19/21 14:04	1
Bromoform	ND		1.0	0.26	ug/L			05/19/21 14:04	1
Bromomethane	ND		1.0	0.69	ug/L			05/19/21 14:04	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/19/21 14:04	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/19/21 14:04	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/19/21 14:04	1
Chloroethane	ND		1.0	0.32	ug/L			05/19/21 14:04	1
Chloroform	ND		1.0	0.34	ug/L			05/19/21 14:04	1
Chloromethane	ND		1.0	0.35	ug/L			05/19/21 14:04	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/19/21 14:04	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/19/21 14:04	1
Cyclohexane	ND		1.0	0.18	ug/L			05/19/21 14:04	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/19/21 14:04	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			05/19/21 14:04	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/19/21 14:04	1
Isopropylbenzene	ND		1.0	0.79	ug/L			05/19/21 14:04	1
Methyl acetate	ND		2.5	1.3	ug/L			05/19/21 14:04	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/19/21 14:04	1
Methylcyclohexane	ND		1.0	0.16	ug/L			05/19/21 14:04	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/19/21 14:04	1
Styrene	ND		1.0	0.73	ug/L			05/19/21 14:04	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/19/21 14:04	1
Toluene	ND		1.0	0.51	ug/L			05/19/21 14:04	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/19/21 14:04	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/19/21 14:04	1
Trichloroethene	ND		1.0	0.46	ug/L			05/19/21 14:04	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			05/19/21 14:04	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/19/21 14:04	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/19/21 14:04	1

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

Lab Sample ID: MB 480-581601/7
Matrix: Water
Analysis Batch: 581601

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		77 - 120		05/19/21 14:04	1
4-Bromofluorobenzene (Surr)	85		73 - 120		05/19/21 14:04	1
Dibromofluoromethane (Surr)	83		75 - 123		05/19/21 14:04	1
Toluene-d8 (Surr)	99		80 - 120		05/19/21 14:04	1

Lab Sample ID: LCS 480-581601/5
Matrix: Water
Analysis Batch: 581601

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	23.9		ug/L		96	73 - 126
1,1,2,2-Tetrachloroethane	25.0	27.6		ug/L		110	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	26.4		ug/L		106	61 - 148
1,1,2-Trichloroethane	25.0	26.4		ug/L		106	76 - 122
1,1-Dichloroethane	25.0	25.0		ug/L		100	77 - 120
1,1-Dichloroethene	25.0	25.6		ug/L		102	66 - 127
1,2,4-Trichlorobenzene	25.0	23.4		ug/L		94	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	20.1		ug/L		80	56 - 134
1,2-Dibromoethane	25.0	24.3		ug/L		97	77 - 120
1,2-Dichlorobenzene	25.0	25.2		ug/L		101	80 - 124
1,2-Dichloroethane	25.0	22.7		ug/L		91	75 - 120
1,2-Dichloropropane	25.0	25.6		ug/L		103	76 - 120
1,3-Dichlorobenzene	25.0	26.9		ug/L		108	77 - 120
1,4-Dichlorobenzene	25.0	25.4		ug/L		101	80 - 120
2-Butanone (MEK)	125	119		ug/L		95	57 - 140
2-Hexanone	125	128		ug/L		102	65 - 127
4-Methyl-2-pentanone (MIBK)	125	128		ug/L		103	71 - 125
Acetone	125	107		ug/L		85	56 - 142
Benzene	25.0	25.2		ug/L		101	71 - 124
Bromodichloromethane	25.0	24.6		ug/L		98	80 - 122
Bromoform	25.0	23.1		ug/L		93	61 - 132
Bromomethane	25.0	29.9		ug/L		119	55 - 144
Carbon disulfide	25.0	27.8		ug/L		111	59 - 134
Carbon tetrachloride	25.0	22.9		ug/L		92	72 - 134
Chlorobenzene	25.0	25.5		ug/L		102	80 - 120
Chloroethane	25.0	28.4		ug/L		113	69 - 136
Chloroform	25.0	23.5		ug/L		94	73 - 127
Chloromethane	25.0	25.4		ug/L		102	68 - 124
cis-1,2-Dichloroethene	25.0	23.9		ug/L		95	74 - 124
cis-1,3-Dichloropropene	25.0	26.4		ug/L		105	74 - 124
Cyclohexane	25.0	27.2		ug/L		109	59 - 135
Dibromochloromethane	25.0	25.1		ug/L		100	75 - 125
Dichlorodifluoromethane	25.0	28.3		ug/L		113	59 - 135
Ethylbenzene	25.0	27.8		ug/L		111	77 - 123
Isopropylbenzene	25.0	30.1		ug/L		120	77 - 122
Methyl acetate	50.0	39.7		ug/L		79	74 - 133
Methyl tert-butyl ether	25.0	22.8		ug/L		91	77 - 120
Methylcyclohexane	25.0	29.2		ug/L		117	68 - 134

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

Lab Sample ID: LCS 480-581601/5
Matrix: Water
Analysis Batch: 581601

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	25.0	24.3		ug/L		97	75 - 124
Styrene	25.0	27.2		ug/L		109	80 - 120
Tetrachloroethene	25.0	27.1		ug/L		108	74 - 122
Toluene	25.0	28.0		ug/L		112	80 - 122
trans-1,2-Dichloroethene	25.0	23.8		ug/L		95	73 - 127
trans-1,3-Dichloropropene	25.0	28.4		ug/L		114	80 - 120
Trichloroethene	25.0	25.3		ug/L		101	74 - 123
Trichlorofluoromethane	25.0	27.5		ug/L		110	62 - 150
Vinyl chloride	25.0	29.0		ug/L		116	65 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*89*		*77 - 120*
4-Bromofluorobenzene (Surr)	*90*		*73 - 120*
Dibromofluoromethane (Surr)	*84*		*75 - 123*
Toluene-d8 (Surr)	*101*		*80 - 120*

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

Lab Sample ID: MB 480-581617/1
Matrix: Water
Analysis Batch: 581617

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			05/19/21 09:34	1

Lab Sample ID: LCS 480-581617/2
Matrix: Water
Analysis Batch: 581617

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	303	300.4		mg/L		99	88 - 110

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-582005/1
Matrix: Water
Analysis Batch: 582005

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			05/21/21 09:12	1

Lab Sample ID: LCS 480-582005/2
Matrix: Water
Analysis Batch: 582005

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	508	483.0		mg/L		95	85 - 115

QC Association Summary

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

Job ID: 480-184819-1

GC/MS VOA

Analysis Batch: 581601

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184819-2	Effluent 051721 - G	Total/NA	Water	8260C	
MB 480-581601/7	Method Blank	Total/NA	Water	8260C	
LCS 480-581601/5	Lab Control Sample	Total/NA	Water	8260C	

General Chemistry

Analysis Batch: 581617

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184819-1	Effluent 051721 - C	Total/NA	Water	SM 2540D	
MB 480-581617/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-581617/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 582005

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-184819-1	Effluent 051721 - C	Total/NA	Water	SM2540 C	
MB 480-582005/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-582005/2	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: 480-184819-1

Client Sample ID: Effluent 051721 - C

Lab Sample ID: 480-184819-1

Date Collected: 05/17/21 07:00
Matrix: Water
Date Received: 05/18/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	581617	05/19/21 09:34	JGO	TAL BUF
Total/NA	Analysis	SM2540 C		1	582005	05/21/21 09:12	JGO	TAL BUF

Client Sample ID: Effluent 051721 - G

Lab Sample ID: 480-184819-2

Date Collected: 05/17/21 07:00
Matrix: Water
Date Received: 05/18/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	581601	05/19/21 16:05	CRL	TAL BUF

Laboratory References:

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

Accreditation/Certification Summary

Client: O'Brien & Gere Inc of North America
Job ID: 480-184819-1
Project/Site: Former Accurate Die Cast

Laboratory: Eurofins TestAmerica, Buffalo

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

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

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

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

Method Summary

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

Job ID: 480-184819-1

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: 480-184819-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-184819-1	Effluent 051721 - C	Water	05/17/21 07:00	05/18/21 08:00	
480-184819-2	Effluent 051721 - G	Water	05/17/21 07:00	05/18/21 08:00	

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

Chain of Custody Record

eurofins | Environment Testing America

Syracuse #225

Client Information	Sampler: MARTIN Koennecke	Lab PM: Giacomazza, Joe V	Carrier Tracking No(s):	COC No: 480-145314-10587.1
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: joe.giacomazza@testamericainc.com	State of Origin:	Page: Page 1 of 1
Company: O'Brien & Gere Inc of North America	PWSID:			Job #:
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:			
City: East Syracuse	TAT Requested (days):			
State, Zip: NY, 13221	Compliance Project: Δ Yes Δ No			
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 1940002622			
Email: yuri.veliz@ramboll.com	WO #:			
Project Name: Former Accurate Die Cast	Project #: 48008584			
Site: New York	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, TSP Dodecahydrate, Acetone, MCAA, pH 4-5, Other (specify)

480-184819 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	2540D - Total Suspended Solids	2540C_Calcd - Total Dissolved Solids	8260C - Volatile Organic Compounds	Total Num	Special Instructions/Note:
			Preservation Code:				N	N	A		
Effluent 051721	5-17-21	7:00	C	Water			1	1		2	
Effluent 051721	5-17-21	7:00	G	water					3	3	

Rec'd 5-17-21

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

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

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

Special Instructions/QC Requirements:

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Martin Koennecke	5-17-21 / 10:00	OBG	RECEIVED	5-17-21, 10:00	Eur
2	RECEIVED	5-17-21, 1900	Eur			
3				RECEIVED	5/18/21 0600	TAT

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

Cooler Temperature(s) °C and Other Remarks: 3.3 #1

Ver: 11/01/2020

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-184819-1

Login Number: 184819

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Stopa, Erik S

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

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ANALYTICAL REPORT

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

Laboratory Job ID: 480-185391-1
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:
6/10/2021 11:20:33 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.

Table of Contents

Client: O'Brien & Gere Inc of North America
Job ID: 480-185391-1
Project/Site: Former Accurate Die Cast

Glossary

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

Case Narrative

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

Job ID: 480-185391-1

Job ID: 480-185391-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-185391-1

Comments
No additional comments.

Receipt
The sample was received on 5/29/2021 9:20 AM. Unless otherwise noted below, the sample arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.4° C.

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

Detection Summary

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

Job ID: 480-185391-1

Client Sample ID: Efluent 052821

Lab Sample ID: 480-185391-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	647		10.0	4.0	mg/L	1		SM2540 C	Total/NA

This Detection Summary does not include radiochemical test results.

Client: O'Brien & Gere Inc of North America
Job ID: 480-185391-1
Project/Site: Former Accurate Die Cast

Client Sample ID: Efluent 052821
Lab Sample ID: 480-185391-1
Date Collected: 05/28/21 07:00
Matrix: Water
Date Received: 05/29/21 09:20

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**647**		10.0	4.0	mg/L			06/02/21 11:36	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			06/01/21 14:06	1

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

Job ID: 480-185391-1

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

Lab Sample ID: MB 480-583465/1
Matrix: Water
Analysis Batch: 583465

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			06/01/21 14:06	1

Lab Sample ID: LCS 480-583465/2
Matrix: Water
Analysis Batch: 583465

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	296	289.2		mg/L		98	88 - 110

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-583630/1
Matrix: Water
Analysis Batch: 583630

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			06/02/21 11:36	1

Lab Sample ID: LCS 480-583630/2
Matrix: Water
Analysis Batch: 583630

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	484.0		mg/L		96	85 - 115

QC Association Summary

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

Job ID: 480-185391-1

General Chemistry

Analysis Batch: 583465

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185391-1	Efluent 052821	Total/NA	Water	SM 2540D	
MB 480-583465/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-583465/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 583630

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185391-1	Efluent 052821	Total/NA	Water	SM2540 C	
MB 480-583630/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-583630/2	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: 480-185391-1

Client Sample ID: Efluent 052821
Date Collected: 05/28/21 07:00
Date Received: 05/29/21 09:20

Lab Sample ID: 480-185391-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	583465	06/01/21 14:06	JGO	TAL BUF
Total/NA	Analysis	SM2540 C		1	583630	06/02/21 11:36	JGO	TAL BUF

Laboratory References:

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

Accreditation/Certification Summary

Client: O'Brien & Gere Inc of North America
Job ID: 480-185391-1
Project/Site: Former Accurate Die Cast

Laboratory: Eurofins TestAmerica, Buffalo

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

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

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

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

Method Summary

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

Job ID: 480-185391-1

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: 480-185391-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-185391-1	Efluent 052821	Water	05/28/21 07:00	05/29/21 09:20	

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

Chain of Custody Record

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Client Information			
Sampler: MARTIN KOENNECKE	Lab PM: Giacomazza, Joe V	Carrier Tracking No(s):	COC No: 480-158062-10586.1
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: joe.giacomazza@testamericainc.com	State of Origin:	Page: Page 1 of 1
Company: O'Brien & Gere Inc of North America	PWSID:		Job #:
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:		
City: East Syracuse	TAT Requested (days):		
State, Zip: NY, 13221	Compliance Project: Δ Yes Δ No		
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 1940002622		
Email: yuri.veliz@ramboll.com	WO #:		
Project Name: Former Accurate Die Cast	Project #: 48008584		
Site: New York	SSOW#:		

Syracuse #225

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	2540D - Total Suspended Solids	2540C_Calcd - Total Dissolved Solids	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	N	N	X	
Effluent 052821	5-28-21	7:00	C	Water			1	1	2	

5-28-21 RK

480-185391 Chain of Custody

Preservation Codes:
A - HCL
B - NaOH
C - Zn Acetate
D - Nitric Acid
E - NaHSO4
F - MeOH
G - Amchlor
H - Ascorbic Acid
I - Ice
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)

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: Martin Koennecke	Date/Time: 5-28-21 / 9:20	Company: OBG	Received by: [signature] TA	Date/Time: 5-28 9:20	Company: 5/28/21
Relinquished by: [signature]	Date/Time: 5-28-21, 1905	Company: [illegible]	Received by:	Date/Time:	Company:
Relinquished by:	Date/Time:	Company:	Received by: [signature]	Date/Time: 5/29/21 0800	Company: TAB

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 5.9 #1

Ver: 11/01/2020

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-185391-1

Login Number: 185391

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Stopa, Erik S

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

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ANALYTICAL REPORT

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

Laboratory Job ID: 480-185655-1
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:
6/15/2021 7:17:07 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

LINKS

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Table of Contents

Definitions/Glossary

Client: O'Brien & Gere Inc of North America
Job ID: 480-185655-1
Project/Site: Former Accurate Die Cast

Glossary

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

Job ID: 480-185655-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-185655-1

Comments
No additional comments.

Receipt
The sample was received on 6/5/2021 8:00 AM. Unless otherwise noted below, the sample arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.3º C.

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

Detection Summary

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

Job ID: 480-185655-1

Client Sample ID: EFFLUENT 060421

Lab Sample ID: 480-185655-1

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

This Detection Summary does not include radiochemical test results.

Client: O'Brien & Gere Inc of North America
Job ID: 480-185655-1
Project/Site: Former Accurate Die Cast

Client Sample ID: EFFLUENT 060421
Lab Sample ID: 480-185655-1
Date Collected: 06/04/21 07:00
Matrix: Water
Date Received: 06/05/21 08:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**701**		10.0	4.0	mg/L			06/08/21 11:34	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			06/05/21 19:20	1

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

Job ID: 480-185655-1

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

Lab Sample ID: MB 480-584125/1
Matrix: Water
Analysis Batch: 584125

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			06/05/21 19:20	1

Lab Sample ID: LCS 480-584125/2
Matrix: Water
Analysis Batch: 584125

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	3370	3292		mg/L		98	88 - 110

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-584427/1
Matrix: Water
Analysis Batch: 584427

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			06/08/21 11:34	1

Lab Sample ID: LCS 480-584427/2
Matrix: Water
Analysis Batch: 584427

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	484.0		mg/L		97	85 - 115

QC Association Summary

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

Job ID: 480-185655-1

General Chemistry

Analysis Batch: 584125

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185655-1	EFFLUENT 060421	Total/NA	Water	SM 2540D	
MB 480-584125/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-584125/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 584427

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185655-1	EFFLUENT 060421	Total/NA	Water	SM2540 C	
MB 480-584427/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-584427/2	Lab Control Sample	Total/NA	Water	SM2540 C	

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Job ID: 480-185655-1
Project/Site: Former Accurate Die Cast

Client Sample ID: EFFLUENT 060421
Lab Sample ID: 480-185655-1
Date Collected: 06/04/21 07:00
Matrix: Water
Date Received: 06/05/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	584125	06/05/21 19:20	CSS	TAL BUF
Total/NA	Analysis	SM2540 C		1	584427	06/08/21 11:34	JGO	TAL BUF

Laboratory References:

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

Accreditation/Certification Summary

Client: O'Brien & Gere Inc of North America
Job ID: 480-185655-1
Project/Site: Former Accurate Die Cast

Laboratory: Eurofins TestAmerica, Buffalo

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

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

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

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

Method Summary

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

Job ID: 480-185655-1

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: 480-185655-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-185655-1	EFFLUENT 060421	Water	06/04/21 07:00	06/05/21 08:00	

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

Chain of Custody Record

eurofins | Environment Testing America

Syracuse #225

Client Information	Sampler: Martin Koennecke	Lab PM: Giacomazza, Joe V	Carrier Tracking No(s):	COC No: 480-145339-10586.1
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: joe.giacomazza@testamericainc.com	State of Origin:	Page: Page 1 of 1
Company: O'Brien & Gere Inc of North America	PWSID:			Job #:
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:			
City: East Syracuse	TAT Requested (days):			
State, Zip: NY, 13221	Compliance Project: Δ Yes Δ No			
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 12000090			
Email: yuri.veliz@ramboll.com	WO #:			
Project Name: Former Accurate Die Cast	Project #: 48008584			
Site: New York	SSOW#:			

Analysis Requested

Preservation Codes:

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

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	2540D - Total Suspended Solids	2540C_Calcd - Total Dissolved Solids	Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	N	N		
Effluent 060421	6-4-21	07:00	C	Water			1	1		

480-185655 Chain of Custody

Rec'd 6-4-21

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

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

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

Special Instructions/QC Requirements:

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

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	Martin Koennecke	6-4-21 / 12:20	OBG	RECEIVED	6-4-21, 12:20	Eya
2	RECEIVED	6-4-21, 1900	Eya			
3						

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
		3.3 #1

Ver: 11/01/2020

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-185655-1

Login Number: 185655

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Stopa, Erik S

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

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 480-185768-1
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:
6/16/2021 5:22:21 PM
Rebecca Jones, Project Management Assistant I
Rebecca.Jones@Eurofinset.com

Designee for

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

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.eurofinsus.com/Env

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

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

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

Table of Contents

Client: O'Brien & Gere Inc of North America
Job ID: 480-185768-1
Project/Site: Former Accurate Die Cast

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.

Metals

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

Glossary

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

Job ID: 480-185768-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-185768-1

Comments
No additional comments.

Receipt
The samples were received on 6/9/2021 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 2.8º C.

GC/MS VOA
Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: Influent 060821 (480-185768-5). Elevated reporting limits (RLs) are provided.

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: Between Carbons 060821 (480-185768-2), (480-185768-B-2 MS) and (480-185768-B-2 MSD). Elevated reporting limits (RLs) are provided.

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

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

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

Detection Summary

Client: O'Brien & Gere Inc of North America
Job ID: 480-185768-1
Project/Site: Former Accurate Die Cast

Client Sample ID: Effluent 060821 — Lab Sample ID: 480-185768-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	0.0080	J	0.010	0.0015	mg/L	1		6010C	Total/NA
Total Dissolved Solids	651		10.0	4.0	mg/L	1		SM2540 C	Total/NA

Client Sample ID: Between Carbons 060821 — Lab Sample ID: 480-185768-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	6.8		1.0	0.81	ug/L	1		8260C	Total/NA
Trichloroethene - DL	240	F1	5.0	2.3	ug/L	5		8260C	Total/NA

Client Sample ID: Influent 060821 — Lab Sample ID: 480-185768-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	0.0043	J	0.010	0.0015	mg/L	1		6010C	Total/NA

Client Sample ID: Effluent 060821 — Lab Sample ID: 480-185768-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.1		1.0	0.81	ug/L	1		8260C	Total/NA

Client Sample ID: Influent 060821 — Lab Sample ID: 480-185768-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	310		8.0	3.7	ug/L	8		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: Effluent 060821

Lab Sample ID: 480-185768-1

Date Collected: 06/08/21 07:15
Matrix: Water
Date Received: 06/09/21 08:00

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	0.0080	J	0.010	0.0015	mg/L		06/10/21 10:02	06/11/21 19:33	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/14/21 12:30	06/14/21 17:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	651		10.0	4.0	mg/L			06/09/21 14:12	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			06/10/21 17:33	1

Client Sample ID: Between Carbons 060821

Lab Sample ID: 480-185768-2

Date Collected: 06/08/21 07:15
Matrix: Wastewater
Date Received: 06/09/21 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			06/10/21 04:34	1
cis-1,2-Dichloroethene	6.8		1.0	0.81	ug/L			06/10/21 04:34	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/10/21 04:34	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/10/21 04:34	1
Toluene	ND		1.0	0.51	ug/L			06/10/21 04:34	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/10/21 04:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*77 - 120*		*06/10/21 04:34*	*1*
4-Bromofluorobenzene (Surr)	*82*		*73 - 120*		*06/10/21 04:34*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*06/10/21 04:34*	*1*
Dibromofluoromethane (Surr)	*94*		*75 - 123*		*06/10/21 04:34*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	240	F1	5.0	2.3	ug/L			06/10/21 13:08	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*77 - 120*		*06/10/21 13:08*	*5*
4-Bromofluorobenzene (Surr)	*85*		*73 - 120*		*06/10/21 13:08*	*5*
Toluene-d8 (Surr)	*96*		*80 - 120*		*06/10/21 13:08*	*5*
Dibromofluoromethane (Surr)	*86*		*75 - 123*		*06/10/21 13:08*	*5*

Client Sample ID: Influent 060821

Lab Sample ID: 480-185768-3

Date Collected: 06/08/21 07:15
Matrix: Water
Date Received: 06/09/21 08:00

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	0.0043	J	0.010	0.0015	mg/L		06/10/21 10:02	06/11/21 19:37	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/14/21 12:30	06/14/21 17:52	1

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

Job ID: 480-185768-1

Client Sample ID: Effluent 060821

Lab Sample ID: 480-185768-4

Date Collected: 06/08/21 07:15

Matrix: Water

Date Received: 06/09/21 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			06/10/21 04:57	1
cis-1,2-Dichloroethene	**1.1**		1.0	0.81	ug/L			06/10/21 04:57	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/10/21 04:57	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/10/21 04:57	1
Toluene	ND		1.0	0.51	ug/L			06/10/21 04:57	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/10/21 04:57	1
Trichloroethene	ND		1.0	0.46	ug/L			06/10/21 04:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*77 - 120*		*06/10/21 04:57*	*1*
4-Bromofluorobenzene (Surr)	*90*		*73 - 120*		*06/10/21 04:57*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*06/10/21 04:57*	*1*
Dibromofluoromethane (Surr)	*90*		*75 - 123*		*06/10/21 04:57*	*1*

Client Sample ID: Influent 060821

Lab Sample ID: 480-185768-5

Date Collected: 06/08/21 07:15

Matrix: Water

Date Received: 06/09/21 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			06/10/21 05:19	8
cis-1,2-Dichloroethene	ND		8.0	6.5	ug/L			06/10/21 05:19	8
Methylene Chloride	ND		8.0	3.5	ug/L			06/10/21 05:19	8
Tetrachloroethene	ND		8.0	2.9	ug/L			06/10/21 05:19	8
Toluene	ND		8.0	4.1	ug/L			06/10/21 05:19	8
trans-1,2-Dichloroethene	ND		8.0	7.2	ug/L			06/10/21 05:19	8
Trichloroethene	**310**		8.0	3.7	ug/L			06/10/21 05:19	8

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*77 - 120*		*06/10/21 05:19*	*8*
4-Bromofluorobenzene (Surr)	*76*		*73 - 120*		*06/10/21 05:19*	*8*
Toluene-d8 (Surr)	*102*		*80 - 120*		*06/10/21 05:19*	*8*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*06/10/21 05:19*	*8*

Surrogate Summary

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

Job ID: 480-185768-1

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

Matrix: Wastewater — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(80-120)	(75-123)
480-185768-2	Between Carbons 060821	90	82	103	94
480-185768-2 - DL	Between Carbons 060821	93	85	96	86
480-185768-2 MS	Between Carbons 060821	89	90	99	83
480-185768-2 MSD	Between Carbons 060821	84	88	100	83

Surrogate Legend

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

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

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(80-120)	(75-123)
480-185768-4	Effluent 060821	93	90	95	90
480-185768-5	Influent 060821	93	76	102	96
LCS 480-584676/6	Lab Control Sample	90	88	100	86
LCS 480-584791/5	Lab Control Sample	92	91	105	88
MB 480-584676/9	Method Blank	91	85	95	87
MB 480-584791/7	Method Blank	91	83	99	90

Surrogate Legend

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

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

Lab Sample ID: MB 480-584676/9
Matrix: Water
Analysis Batch: 584676

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/10/21 00:07	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/10/21 00:07	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/10/21 00:07	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/10/21 00:07	1
Toluene	ND		1.0	0.51	ug/L			06/10/21 00:07	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/10/21 00:07	1
Trichloroethene	ND		1.0	0.46	ug/L			06/10/21 00:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*77 - 120*		*06/10/21 00:07*	*1*
4-Bromofluorobenzene (Surr)	*85*		*73 - 120*		*06/10/21 00:07*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*06/10/21 00:07*	*1*
Dibromofluoromethane (Surr)	*87*		*75 - 123*		*06/10/21 00:07*	*1*

Lab Sample ID: LCS 480-584676/6
Matrix: Water
Analysis Batch: 584676

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2,2-Tetrachloroethane	25.0	27.4		ug/L		110	76 - 120
cis-1,2-Dichloroethene	25.0	24.9		ug/L		100	74 - 124
Methylene Chloride	25.0	25.4		ug/L		101	75 - 124
Tetrachloroethene	25.0	27.5		ug/L		110	74 - 122
Toluene	25.0	29.6		ug/L		118	80 - 122
trans-1,2-Dichloroethene	25.0	25.7		ug/L		103	73 - 127
Trichloroethene	25.0	27.5		ug/L		110	74 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*90*		*77 - 120*
4-Bromofluorobenzene (Surr)	*88*		*73 - 120*
Toluene-d8 (Surr)	*100*		*80 - 120*
Dibromofluoromethane (Surr)	*86*		*75 - 123*

Lab Sample ID: MB 480-584791/7
Matrix: Water
Analysis Batch: 584791

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/10/21 11:23	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/10/21 11:23	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/10/21 11:23	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/10/21 11:23	1
Toluene	ND		1.0	0.51	ug/L			06/10/21 11:23	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/10/21 11:23	1
Trichloroethene	ND		1.0	0.46	ug/L			06/10/21 11:23	1

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

Lab Sample ID: MB 480-584791/7
Matrix: Water
Analysis Batch: 584791

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*91*		*77 - 120*		*06/10/21 11:23*	*1*
4-Bromofluorobenzene (Surr)	*83*		*73 - 120*		*06/10/21 11:23*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*06/10/21 11:23*	*1*
Dibromofluoromethane (Surr)	*90*		*75 - 123*		*06/10/21 11:23*	*1*

Lab Sample ID: LCS 480-584791/5
Matrix: Water
Analysis Batch: 584791

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2,2-Tetrachloroethane	25.0	26.1		ug/L		104	76 - 120
cis-1,2-Dichloroethene	25.0	26.1		ug/L		104	74 - 124
Methylene Chloride	25.0	26.3		ug/L		105	75 - 124
Tetrachloroethene	25.0	27.2		ug/L		109	74 - 122
Toluene	25.0	27.6		ug/L		110	80 - 122
trans-1,2-Dichloroethene	25.0	25.0		ug/L		100	73 - 127
Trichloroethene	25.0	26.8		ug/L		107	74 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*92*		*77 - 120*
4-Bromofluorobenzene (Surr)	*91*		*73 - 120*
Toluene-d8 (Surr)	*105*		*80 - 120*
Dibromofluoromethane (Surr)	*88*		*75 - 123*

Lab Sample ID: 480-185768-2 MS
Matrix: Wastewater
Analysis Batch: 584791

Client Sample ID: Between Carbons 060821
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2,2-Tetrachloroethane	ND		125	123		ug/L		98	76 - 120
cis-1,2-Dichloroethene	5.7		125	124		ug/L		95	74 - 124
Methylene Chloride	ND		125	120		ug/L		96	75 - 124
Tetrachloroethene	ND		125	129		ug/L		103	74 - 122
Toluene	ND		125	140		ug/L		112	80 - 122
trans-1,2-Dichloroethene	ND		125	121		ug/L		97	73 - 127
Trichloroethene	240	F1	125	329	F1	ug/L		71	74 - 123

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*89*		*77 - 120*
4-Bromofluorobenzene (Surr)	*90*		*73 - 120*
Toluene-d8 (Surr)	*99*		*80 - 120*
Dibromofluoromethane (Surr)	*83*		*75 - 123*

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

Lab Sample ID: 480-185768-2 MSD
Matrix: Wastewater
Analysis Batch: 584791

Client Sample ID: Between Carbons 060821
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,2,2-Tetrachloroethane	ND		125	126		ug/L		101	76 - 120	3	15
cis-1,2-Dichloroethene	5.7		125	113		ug/L		86	74 - 124	10	15
Methylene Chloride	ND		125	113		ug/L		90	75 - 124	6	15
Tetrachloroethene	ND		125	121		ug/L		97	74 - 122	6	20
Toluene	ND		125	133		ug/L		106	80 - 122	6	15
trans-1,2-Dichloroethene	ND		125	108		ug/L		86	73 - 127	12	20
Trichloroethene	240	F1	125	287	F1	ug/L		37	74 - 123	14	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*84*		*77 - 120*
4-Bromofluorobenzene (Surr)	*88*		*73 - 120*
Toluene-d8 (Surr)	*100*		*80 - 120*
Dibromofluoromethane (Surr)	*83*		*75 - 123*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-584727/1-A
Matrix: Water
Analysis Batch: 585249

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 584727

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		0.010	0.0015	mg/L		06/10/21 10:02	06/11/21 18:38	1

Lab Sample ID: LCS 480-584727/2-A
Matrix: Water
Analysis Batch: 585249

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 584727

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Zinc	0.200	0.207		mg/L		103	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-585276/1-A
Matrix: Water
Analysis Batch: 585345

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 585276

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/14/21 12:30	06/14/21 17:25	1

Lab Sample ID: LCS 480-585276/2-A
Matrix: Water
Analysis Batch: 585345

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 585276

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00707		mg/L		106	80 - 120

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

Job ID: 480-185768-1

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

Lab Sample ID: MB 480-584934/1
Matrix: Water
Analysis Batch: 584934

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			06/10/21 17:33	1

Lab Sample ID: LCS 480-584934/2
Matrix: Water
Analysis Batch: 584934

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			2950	2944		mg/L		100	88 - 110		

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-584672/1
Matrix: Water
Analysis Batch: 584672

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			06/09/21 14:12	1

Lab Sample ID: LCS 480-584672/2
Matrix: Water
Analysis Batch: 584672

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	489.0		mg/L		98	85 - 115		

GC/MS VOA

Analysis Batch: 584676

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185768-2	Between Carbons 060821	Total/NA	Wastewater	8260C	
480-185768-4	Effluent 060821	Total/NA	Water	8260C	
480-185768-5	Influent 060821	Total/NA	Water	8260C	
MB 480-584676/9	Method Blank	Total/NA	Water	8260C	
LCS 480-584676/6	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 584791

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185768-2 - DL	Between Carbons 060821	Total/NA	Wastewater	8260C	
MB 480-584791/7	Method Blank	Total/NA	Water	8260C	
LCS 480-584791/5	Lab Control Sample	Total/NA	Water	8260C	
480-185768-2 MS	Between Carbons 060821	Total/NA	Wastewater	8260C	
480-185768-2 MSD	Between Carbons 060821	Total/NA	Wastewater	8260C	

Metals

Prep Batch: 584727

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185768-1	Effluent 060821	Total/NA	Water	3005A	
480-185768-3	Influent 060821	Total/NA	Water	3005A	
MB 480-584727/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-584727/2-A	Lab Control Sample	Total/NA	Water	3005A	

Analysis Batch: 585249

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185768-1	Effluent 060821	Total/NA	Water	6010C	584727
480-185768-3	Influent 060821	Total/NA	Water	6010C	584727
MB 480-584727/1-A	Method Blank	Total/NA	Water	6010C	584727
LCS 480-584727/2-A	Lab Control Sample	Total/NA	Water	6010C	584727

Prep Batch: 585276

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185768-1	Effluent 060821	Total/NA	Water	7470A	
480-185768-3	Influent 060821	Total/NA	Water	7470A	
MB 480-585276/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-585276/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 585345

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185768-1	Effluent 060821	Total/NA	Water	7470A	585276
480-185768-3	Influent 060821	Total/NA	Water	7470A	585276
MB 480-585276/1-A	Method Blank	Total/NA	Water	7470A	585276
LCS 480-585276/2-A	Lab Control Sample	Total/NA	Water	7470A	585276

General Chemistry

Analysis Batch: 584672

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185768-1	Effluent 060821	Total/NA	Water	SM2540 C	
MB 480-584672/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-584672/2	Lab Control Sample	Total/NA	Water	SM2540 C	

QC Association Summary

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

Job ID: 480-185768-1

General Chemistry

Analysis Batch: 584934

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-185768-1	Effluent 060821	Total/NA	Water	SM 2540D	
MB 480-584934/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-584934/2	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: 480-185768-1

Client Sample ID: Effluent 060821

Lab Sample ID: 480-185768-1

Date Collected: 06/08/21 07:15
Matrix: Water
Date Received: 06/09/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3005A			584727	06/10/21 10:02	KMP	TAL BUF
Total/NA	Analysis	6010C		1	585249	06/11/21 19:33	LMH	TAL BUF
Total/NA	Prep	7470A			585276	06/14/21 12:30	BMB	TAL BUF
Total/NA	Analysis	7470A		1	585345	06/14/21 17:51	BMB	TAL BUF
Total/NA	Analysis	SM 2540D		1	584934	06/10/21 17:33	CSS	TAL BUF
Total/NA	Analysis	SM2540 C		1	584672	06/09/21 14:12	JGO	TAL BUF

Client Sample ID: Between Carbons 060821

Lab Sample ID: 480-185768-2

Date Collected: 06/08/21 07:15
Matrix: Wastewater
Date Received: 06/09/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	584676	06/10/21 04:34	CRL	TAL BUF
Total/NA	Analysis	8260C	DL	5	584791	06/10/21 13:08	CRL	TAL BUF

Client Sample ID: Influent 060821

Lab Sample ID: 480-185768-3

Date Collected: 06/08/21 07:15
Matrix: Water
Date Received: 06/09/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3005A			584727	06/10/21 10:02	KMP	TAL BUF
Total/NA	Analysis	6010C		1	585249	06/11/21 19:37	LMH	TAL BUF
Total/NA	Prep	7470A			585276	06/14/21 12:30	BMB	TAL BUF
Total/NA	Analysis	7470A		1	585345	06/14/21 17:52	BMB	TAL BUF

Client Sample ID: Effluent 060821

Lab Sample ID: 480-185768-4

Date Collected: 06/08/21 07:15
Matrix: Water
Date Received: 06/09/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	584676	06/10/21 04:57	CRL	TAL BUF

Client Sample ID: Influent 060821

Lab Sample ID: 480-185768-5

Date Collected: 06/08/21 07:15
Matrix: Water
Date Received: 06/09/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		8	584676	06/10/21 05:19	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
Job ID: 480-185768-1
Project/Site: Former Accurate Die Cast

Laboratory: Eurofins TestAmerica, Buffalo

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

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

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

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

Method Summary

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

Job ID: 480-185768-1

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: 480-185768-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-185768-1	Effluent 060821	Water	06/08/21 07:15	06/09/21 08:00	
480-185768-2	Between Carbons 060821	Wastewater	06/08/21 07:15	06/09/21 08:00	
480-185768-3	Influent 060821	Water	06/08/21 07:15	06/09/21 08:00	
480-185768-4	Effluent 060821	Water	06/08/21 07:15	06/09/21 08:00	
480-185768-5	Influent 060821	Water	06/08/21 07:15	06/09/21 08:00	

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

Chain of Custody Record

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Syracuse

Client Information	Sampler: MARTIN KOENNECKE	Lab PM: Giacomazza, Joe V	Carrier Tracking No(s):	COC No: 480-161561-10589.1
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: joe.giacomazza@testamericainc.com	State of Origin: NY	Page: Page 1 of 1
Company: O'Brien & Gere Inc of North America	PWSID:			Job #:
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:			
City: East Syracuse	TAT Requested (days):			
State, Zip: NY, 13221	Compliance Project: Δ Yes Δ No			
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 1940002622			
Email: yuri.veliz@ramboll.com	WO #:			
Project Name: Former Accurate Die Cast	Project #: 48008584			
Site: New York	SSOW#:			

Analysis Requested

Preservation Codes:

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

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS	2540D - Total Suspended Solids	2540C_Calcd - Total Dissolved Solids	8260C - Volatile Organic Compounds	6010C - Zinc	7470A - Mercury	Total Number of containers	Special Instructions/Note:
Preservation Code:							N	N	A	D	D		
Effluent 060821	6-8-21	7:15	C	Water			1	1		1	1	4	
Between Carbons 060821	6-8-21	7:15	G	Water					3			3	
Inffluent 060821	6-8-21	7:15	C	Water						1	1	2	
EffluenT 060821	6-8-21	7:15	G	W					3			3	
InfluenT 060821	6-8-21	7:15	G	W					3			3	

480-185768 Chain of Custody

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

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

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

Special Instructions/QC Requirements:

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

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	Martin Koennecke	6-8-21 / 9:55	QBG		6-8-21 9:55	
2	Relinquished	6-8-21, 1900				
3					6/9/21 0800	TAL

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

Cooler Temperature(s) °C and Other Remarks: 2.8 #1

Ver: 11/01/2020

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-185768-1

Login Number: 185768

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Sabuda, Brendan D

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

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ANALYTICAL REPORT

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

Laboratory Job ID: 480-186243-1
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:
6/28/2021 5:14:40 PM
Rebecca Jones, Project Management Assistant I
Rebecca.Jones@Eurofinset.com

Designee for

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

LINKS

Review your project results through 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.

Table of Contents

Glossary

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

Job ID: 480-186243-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-186243-1

Comments
No additional comments.

Receipt
The samples were received on 6/18/2021 8:00 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice.

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

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

Detection Summary

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

Job ID: 480-186243-1

Client Sample ID: EFFLUENT 061721 — Lab Sample ID: 480-186243-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	656		10.0	4.0	mg/L	1		SM2540 C	Total/NA

Client Sample ID: EFFLUENT 061721 — Lab Sample ID: 480-186243-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.4		1.0	0.81	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: EFFLUENT 061721
Lab Sample ID: 480-186243-1

Date Collected: 06/17/21 07:15
Matrix: Water
Date Received: 06/18/21 08:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**656**		10.0	4.0	mg/L			06/21/21 10:42	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			06/21/21 15:12	1

Client Sample ID: EFFLUENT 061721
Lab Sample ID: 480-186243-2

Date Collected: 06/17/21 07:15
Matrix: Water
Date Received: 06/18/21 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			06/21/21 18:55	1
cis-1,2-Dichloroethene	**1.4**		1.0	0.81	ug/L			06/21/21 18:55	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/21/21 18:55	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/21/21 18:55	1
Toluene	ND		1.0	0.51	ug/L			06/21/21 18:55	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/21/21 18:55	1
Trichloroethene	ND		1.0	0.46	ug/L			06/21/21 18:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*77 - 120*		*06/21/21 18:55*	*1*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*06/21/21 18:55*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*06/21/21 18:55*	*1*
Dibromofluoromethane (Surr)	*116*		*75 - 123*		*06/21/21 18:55*	*1*

Surrogate Summary

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

Job ID: 480-186243-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(80-120)	(75-123)
480-186243-2	EFFLUENT 061721	110	106	102	116
LCS 480-586255/5	Lab Control Sample	109	114	105	113
LCSD 480-586255/6	Lab Control Sample Dup	107	109	100	111
MB 480-586255/8	Method Blank	107	97	97	112

Surrogate Legend

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

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

Lab Sample ID: MB 480-586255/8
Matrix: Water
Analysis Batch: 586255

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/21/21 15:16	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/21/21 15:16	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/21/21 15:16	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/21/21 15:16	1
Toluene	ND		1.0	0.51	ug/L			06/21/21 15:16	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/21/21 15:16	1
Trichloroethene	ND		1.0	0.46	ug/L			06/21/21 15:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*77 - 120*		*06/21/21 15:16*	*1*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*06/21/21 15:16*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*06/21/21 15:16*	*1*
Dibromofluoromethane (Surr)	*112*		*75 - 123*		*06/21/21 15:16*	*1*

Lab Sample ID: LCS 480-586255/5
Matrix: Water
Analysis Batch: 586255

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,1,2,2-Tetrachloroethane			25.0	23.7		ug/L		95	76 - 120		
cis-1,2-Dichloroethene			25.0	26.9		ug/L		108	74 - 124		
Methylene Chloride			25.0	26.4		ug/L		106	75 - 124		
Tetrachloroethene			25.0	28.4		ug/L		114	74 - 122		
Toluene			25.0	25.6		ug/L		102	80 - 122		
trans-1,2-Dichloroethene			25.0	27.7		ug/L		111	73 - 127		
Trichloroethene			25.0	29.1		ug/L		116	74 - 123		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*109*		*77 - 120*
4-Bromofluorobenzene (Surr)	*114*		*73 - 120*
Toluene-d8 (Surr)	*105*		*80 - 120*
Dibromofluoromethane (Surr)	*113*		*75 - 123*

Lab Sample ID: LCSD 480-586255/6
Matrix: Water
Analysis Batch: 586255

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,2,2-Tetrachloroethane			25.0	22.3		ug/L		89	76 - 120	6	15
cis-1,2-Dichloroethene			25.0	24.9		ug/L		100	74 - 124	8	15
Methylene Chloride			25.0	25.5		ug/L		102	75 - 124	4	15
Tetrachloroethene			25.0	25.6		ug/L		102	74 - 122	11	20
Toluene			25.0	23.4		ug/L		94	80 - 122	9	15
trans-1,2-Dichloroethene			25.0	25.3		ug/L		101	73 - 127	9	20
Trichloroethene			25.0	26.5		ug/L		106	74 - 123	9	16

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

Lab Sample ID: LCSD 480-586255/6
Matrix: Water
Analysis Batch: 586255

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

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*107*		*77 - 120*
4-Bromofluorobenzene (Surr)	*109*		*73 - 120*
Toluene-d8 (Surr)	*100*		*80 - 120*
Dibromofluoromethane (Surr)	*111*		*75 - 123*

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

Lab Sample ID: MB 480-586286/1
Matrix: Water
Analysis Batch: 586286

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			06/21/21 15:12	1

Lab Sample ID: LCS 480-586286/2
Matrix: Water
Analysis Batch: 586286

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	347	333.6		mg/L		96	88 - 110

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-586245/1
Matrix: Water
Analysis Batch: 586245

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			06/21/21 10:42	1

Lab Sample ID: LCS 480-586245/2
Matrix: Water
Analysis Batch: 586245

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	505	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: 480-186243-1

GC/MS VOA

Analysis Batch: 586255

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-186243-2	EFFLUENT 061721	Total/NA	Water	8260C	
MB 480-586255/8	Method Blank	Total/NA	Water	8260C	
LCS 480-586255/5	Lab Control Sample	Total/NA	Water	8260C	
LCSD 480-586255/6	Lab Control Sample Dup	Total/NA	Water	8260C	

General Chemistry

Analysis Batch: 586245

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-186243-1	EFFLUENT 061721	Total/NA	Water	SM2540 C	
MB 480-586245/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-586245/2	Lab Control Sample	Total/NA	Water	SM2540 C	

Analysis Batch: 586286

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-186243-1	EFFLUENT 061721	Total/NA	Water	SM 2540D	
MB 480-586286/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-586286/2	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: 480-186243-1

Client Sample ID: EFFLUENT 061721

Lab Sample ID: 480-186243-1

Date Collected: 06/17/21 07:15

Matrix: Water

Date Received: 06/18/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	586286	06/21/21 15:12	JGO	TAL BUF
Total/NA	Analysis	SM2540 C		1	586245	06/21/21 10:42	JGO	TAL BUF

Client Sample ID: EFFLUENT 061721

Lab Sample ID: 480-186243-2

Date Collected: 06/17/21 07:15

Matrix: Water

Date Received: 06/18/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	586255	06/21/21 18:55	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
Job ID: 480-186243-1
Project/Site: Former Accurate Die Cast

Laboratory: Eurofins TestAmerica, Buffalo

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

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

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

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

Method Summary

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

Job ID: 480-186243-1

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: 480-186243-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-186243-1	EFFLUENT 061721	Water	06/17/21 07:15	06/18/21 08:00	
480-186243-2	EFFLUENT 061721	Water	06/17/21 07:15	06/18/21 08:00	

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: MARTIN Koennecke	Lab PM: Giacomazza, Joe V	Carrier Tracking No(s): Syracuse	COC No: 480-158093-10587.1
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: joe.giacomazza@testamericainc.com	State of Origin: #225	Page: Page 1 of 1
Company: O'Brien & Gere Inc of North America	PWSID:	Analysis Requested		Job #:
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:			
City: East Syracuse	TAT Requested (days):			
State, Zip: NY, 13221	Compliance Project: Δ Yes Δ No			
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 1940002622			
Email: yuri.veliz@ramboll.com	WO #:			
Project Name: Former Accurate Die Cast	Project #: 48008584			
Site: New York	SSOW#:			

480-186243 Chain of Custody

Preservation Codes:
A - HCL
M - Hexane
N - None
O - AsNaO2
P - Na2O4S
Q - Na2SO3
R - Na2S2O3
S - H2SO4
T - TSP Dodecahydrate
U - Acetone
V - MCAA
W - pH 4-5
Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD	2540D - Total Suspended Solids	2540C_Calcd - Total Dissolved Solids	8260C - Volatile Organic Compounds	Total Number of containers	Special Instructions/Note:
				Preservation Code:	X	X	N	N	A	X	
Effluent 061721	6-17-21	7:15	C	Water			1	1		2	
EffluenT 061721	6-17-21	7:15	G	W					3	3	

RC 6-17-21

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: Martin Koennecke	Date/Time: 6-17-21 / 12:35	Company: OBG	Received by: R Englich	Date/Time: 6-17-21 / 12:35	Company: Syr
Relinquished by: R Englich	Date/Time: 6-17-21, 1800	Company: Syr	Received by: C Wallace	Date/Time: 6/18/21 0800	Company: TAB
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

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

Ver: 11/01/2020

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-186243-1

Login Number: 186243

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Wallace, Cameron

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

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ANALYTICAL REPORT

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

Laboratory Job ID: 480-186335-1
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:
6/30/2021 10:54:20 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

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

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

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

Table of Contents

Glossary

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

Case Narrative

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

Job ID: 480-186335-1

Job ID: 480-186335-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-186335-1

Comments
No additional comments.

Receipt
The sample was received on 6/22/2021 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 2.4º C.

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

Detection Summary

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

Job ID: 480-186335-1

Client Sample ID: EFFLUENT - 062121

Lab Sample ID: 480-186335-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	654		10.0	4.0	mg/L	1		SM2540 C	Total/NA

This Detection Summary does not include radiochemical test results.

Client: O'Brien & Gere Inc of North America
Job ID: 480-186335-1
Project/Site: Former Accurate Die Cast

Client Sample ID: EFFLUENT - 062121
Lab Sample ID: 480-186335-1
Date Collected: 06/21/21 07:00
Matrix: Water
Date Received: 06/22/21 08:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**654**		10.0	4.0	mg/L			06/23/21 10:11	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			06/23/21 14:29	1

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

Job ID: 480-186335-1

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

Lab Sample ID: MB 480-586661/1
Matrix: Water
Analysis Batch: 586661

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			06/23/21 14:29	1

Lab Sample ID: LCS 480-586661/2
Matrix: Water
Analysis Batch: 586661

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	284	280.0		mg/L		99	88 - 110

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-586593/1
Matrix: Water
Analysis Batch: 586593

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			06/23/21 10:11	1

Lab Sample ID: LCS 480-586593/2
Matrix: Water
Analysis Batch: 586593

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	505	466.0		mg/L		92	85 - 115

QC Association Summary

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

Job ID: 480-186335-1

General Chemistry

Analysis Batch: 586593

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-186335-1	EFFLUENT - 062121	Total/NA	Water	SM2540 C	
MB 480-586593/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-586593/2	Lab Control Sample	Total/NA	Water	SM2540 C	

Analysis Batch: 586661

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-186335-1	EFFLUENT - 062121	Total/NA	Water	SM 2540D	
MB 480-586661/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-586661/2	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: 480-186335-1

Client Sample ID: EFFLUENT - 062121
Date Collected: 06/21/21 07:00
Date Received: 06/22/21 08:00

Lab Sample ID: 480-186335-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	586661	06/23/21 14:29	JGO	TAL BUF
Total/NA	Analysis	SM2540 C		1	586593	06/23/21 10:11	JGO	TAL BUF

Laboratory References:

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

Accreditation/Certification Summary

Client: O'Brien & Gere Inc of North America
Job ID: 480-186335-1
Project/Site: Former Accurate Die Cast

Laboratory: Eurofins TestAmerica, Buffalo

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

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

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

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

Method Summary

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

Job ID: 480-186335-1

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: 480-186335-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-186335-1	EFFLUENT - 062121	Water	06/21/21 07:00	06/22/21 08:00	

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: MARTIN Koennecke	Lab PM: Giacomazza, Joe V	Carrier Tracking No(s): Syracuse #225	COC No: 480-158064-10586.1
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: joe.giacomazza@testamericainc.com	State of Origin:	Page: Page 1 of 1
Company: O'Brien & Gere Inc of North America	PWSID:	Analysis Requested		Job #:
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:			Preservation Codes:
City: East Syracuse	TAT Requested (days):			A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid P - Na2O4S E - NaHSO4 Q - Na2SO3 F - MeOH R - Na2S2O3 G - Amchlor S - H2SO4 H - Ascorbic Acid T - TSP Dodecahydrate I - Ice U - Acetone J - DI Water V - MCAA K - EDTA W - pH 4-5 L - EDA Z - other (specify)
State, Zip: NY, 13221	Compliance Project: Δ Yes Δ No			
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 1940002622			Other:
Email: yuri.veliz@ramboll.com	WO #:			
Project Name: Former Accurate Die Cast	Project #: 48008584			
Site: New York	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)	2540D - Total Suspended Solids	2540C_Calcd - Total Dissolved Solids	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
Effluent 062121	6-21-21	7:00	C	Water			1	1	2	

Rec 6-21-21

480-186335 Chain of Custody

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

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

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	Martin Koennecke	6-21-21 / 10:05	OBG	RELINQUISHED	6-21-21, 10:05	Syr
2	RELINQUISHED	6-21-21, 1800	Syr	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	6/22/21 0800	YH

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.4 #1

Ver: 11/01/2020

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-186335-1

Login Number: 186335

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	2.4 #1 ICE
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	True	

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ANALYTICAL REPORT

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

Laboratory Job ID: 480-186611-1
Client Project/Site: Former Accurate Die Cast

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

Attn: Mr. David J Carnevale

Joseph V. Giacomazza

Authorized for release by:
7/6/2021 3:04:10 PM

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

LINKS

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

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

Table of Contents

Client: O'Brien & Gere Inc of North America
Job ID: 480-186611-1
Project/Site: Former Accurate Die Cast

Glossary

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

Case Narrative

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

Job ID: 480-186611-1

Job ID: 480-186611-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-186611-1

Comments
No additional comments.

Receipt
The sample was received on 6/29/2021 8:00 AM. Unless otherwise noted below, the sample arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.2º C.

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

Detection Summary

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

Job ID: 480-186611-1

Client Sample ID: EFFLUENT 062821

Lab Sample ID: 480-186611-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	758		10.0	4.0	mg/L	1		SM2540 C	Total/NA

This Detection Summary does not include radiochemical test results.

Client: O'Brien & Gere Inc of North America
Job ID: 480-186611-1
Project/Site: Former Accurate Die Cast

Client Sample ID: EFFLUENT 062821
Lab Sample ID: 480-186611-1
Date Collected: 06/28/21 07:00
Matrix: Water
Date Received: 06/29/21 08:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**758**		10.0	4.0	mg/L			06/30/21 10:10	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			07/01/21 11:08	1

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

Job ID: 480-186611-1

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

Lab Sample ID: MB 480-587769/1
Matrix: Water
Analysis Batch: 587769

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		1.0	1.0	mg/L			07/01/21 11:08	1

Lab Sample ID: LCS 480-587769/2
Matrix: Water
Analysis Batch: 587769

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	337	340.0		mg/L		101	88 - 110

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-587575/1
Matrix: Water
Analysis Batch: 587575

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			06/30/21 10:10	1

Lab Sample ID: LCS 480-587575/2
Matrix: Water
Analysis Batch: 587575

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	505	459.0		mg/L		91	85 - 115

QC Association Summary

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

Job ID: 480-186611-1

General Chemistry

Analysis Batch: 587575

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-186611-1	EFFLUENT 062821	Total/NA	Water	SM2540 C	
MB 480-587575/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-587575/2	Lab Control Sample	Total/NA	Water	SM2540 C	

Analysis Batch: 587769

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-186611-1	EFFLUENT 062821	Total/NA	Water	SM 2540D	
MB 480-587769/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-587769/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Job ID: 480-186611-1
Project/Site: Former Accurate Die Cast

Client Sample ID: EFFLUENT 062821
Lab Sample ID: 480-186611-1
Date Collected: 06/28/21 07:00
Matrix: Water
Date Received: 06/29/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	587769	07/01/21 11:08	JGO	TAL BUF
Total/NA	Analysis	SM2540 C		1	587575	06/30/21 10:10	JGO	TAL BUF

Laboratory References:

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

Accreditation/Certification Summary

Client: O'Brien & Gere Inc of North America
Job ID: 480-186611-1
Project/Site: Former Accurate Die Cast

Laboratory: Eurofins TestAmerica, Buffalo

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

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

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

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

Method Summary

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

Job ID: 480-186611-1

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: 480-186611-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-186611-1	EFFLUENT 062821	Water	06/28/21 07:00	06/29/21 08:00	

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

Chain of Custody Record

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Syracuse #225

Client Information			
Client Contact: Mr. Yuri Veliz	Sampler: Martin Koennecke	Lab PM: Giacomazza, Joe V	Carrier Tracking No(s):
Phone:	Phone: 315-729-1200	E-Mail: joe.giacomazza@testamericainc.com	State of Origin:
Company: O'Brien & Gere Inc of North America	PWSID:		
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:		
City: East Syracuse	TAT Requested (days):		
State, Zip: NY, 13221	Compliance Project: Δ Yes Δ No		
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 1940002622		
Email: yuri.veliz@ramboll.com	WO #:		
Project Name: Former Accurate Die Cast	Project #: 48008584		
Site: New York	SSOW#:		

COC No: 480-158063-10586.1
Page: Page 1 of 1
Job #:

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	2540D - Total Suspended Solids	2540C_Calcd - Total Dissolved Solids	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
Effluent 06 28 21	6-28-21	7:00	C	Water			1	1	2	

RC 6-28-21

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

480-186611 Chain of Custody

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Martin Koennecke	6-28-21 / 11:00	OBG	R Enghlish	6-28-21, 11:00	Syr
R English	6-28-21, 1900	Cye	[illegible]	6-29-21 0800	TAB

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

Cooler Temperature(s) °C and Other Remarks: 2.2 ICE

Ver: 11/01/2020

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-186611-1

Login Number: 186611

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	

ATTACHMENT B

GROUNDWATER MONITORING LABORATORY REPORT

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ANALYTICAL REPORT

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

Laboratory Job ID: 480-183584-1
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:
4/26/2021 1:29:08 PM
Rebecca Jones, Project Management Assistant I
Rebecca.Jones@Eurofinset.com

Designee for

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

LINKS

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

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

Table of Contents

Glossary

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

Job ID: 480-183584-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-183584-1

Comments
No additional comments.

Receipt
The samples were received on 4/21/2021 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 3.3º C.

GC/MS VOA
Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-24-042021 (480-183584-1), MW-18-042021 (480-183584-2), MW-11 042021 (480-183584-3), MW-10 042021 (480-183584-4) and MW-13 04221 (480-183584-5). Elevated reporting limits (RLs) are provided.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-577326 recovered above the upper control limit for 2-Butanone (MEK) and 2-Hexanone. 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-24-042021 (480-183584-1), MW-18-042021 (480-183584-2), MW-11 042021 (480-183584-3), MW-10 042021 (480-183584-4), MW-13 04221 (480-183584-5) and QC TRIP BLANK (480-183584-6).

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
Job ID: 480-183584-1
Project/Site: Former Accurate Die Cast

Client Sample ID: MW-24-042021 — Lab Sample ID: 480-183584-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	18		5.0	4.1	ug/L	5		8260C	Total/NA
Trichloroethene	200		5.0	2.3	ug/L	5		8260C	Total/NA

Client Sample ID: MW-18-042021 — Lab Sample ID: 480-183584-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	350		20	16	ug/L	20		8260C	Total/NA
Trichloroethene	940		20	9.2	ug/L	20		8260C	Total/NA

Client Sample ID: MW-11 042021 — Lab Sample ID: 480-183584-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	680		10	4.6	ug/L	10		8260C	Total/NA

Client Sample ID: MW-10 042021 — Lab Sample ID: 480-183584-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	110		2.0	0.92	ug/L	2		8260C	Total/NA

Client Sample ID: MW-13 04221 — Lab Sample ID: 480-183584-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	180		4.0	1.8	ug/L	4		8260C	Total/NA

Client Sample ID: QC TRIP BLANK — Lab Sample ID: 480-183584-6

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Client: O'Brien & Gere Inc of North America
Job ID: 480-183584-1
Project/Site: Former Accurate Die Cast

Client Sample ID: MW-24-042021
Lab Sample ID: 480-183584-1
Date Collected: 04/20/21 10:00
Matrix: Water
Date Received: 04/21/21 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			04/22/21 11:39	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			04/22/21 11:39	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6	ug/L			04/22/21 11:39	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			04/22/21 11:39	5
1,1-Dichloroethane	ND		5.0	1.9	ug/L			04/22/21 11:39	5
1,1-Dichloroethene	ND		5.0	1.5	ug/L			04/22/21 11:39	5
1,2,4-Trichlorobenzene	ND		5.0	2.1	ug/L			04/22/21 11:39	5
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/L			04/22/21 11:39	5
1,2-Dibromoethane	ND		5.0	3.7	ug/L			04/22/21 11:39	5
1,2-Dichlorobenzene	ND		5.0	4.0	ug/L			04/22/21 11:39	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			04/22/21 11:39	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			04/22/21 11:39	5
1,3-Dichlorobenzene	ND		5.0	3.9	ug/L			04/22/21 11:39	5
1,4-Dichlorobenzene	ND		5.0	4.2	ug/L			04/22/21 11:39	5
2-Butanone (MEK)	ND		50	6.6	ug/L			04/22/21 11:39	5
2-Hexanone	ND		25	6.2	ug/L			04/22/21 11:39	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			04/22/21 11:39	5
Acetone	ND		50	15	ug/L			04/22/21 11:39	5
Benzene	ND		5.0	2.1	ug/L			04/22/21 11:39	5
Bromodichloromethane	ND		5.0	2.0	ug/L			04/22/21 11:39	5
Bromoform	ND		5.0	1.3	ug/L			04/22/21 11:39	5
Bromomethane	ND		5.0	3.5	ug/L			04/22/21 11:39	5
Carbon disulfide	ND		5.0	0.95	ug/L			04/22/21 11:39	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			04/22/21 11:39	5
Chlorobenzene	ND		5.0	3.8	ug/L			04/22/21 11:39	5
Chloroethane	ND		5.0	1.6	ug/L			04/22/21 11:39	5
Chloroform	ND		5.0	1.7	ug/L			04/22/21 11:39	5
Chloromethane	ND		5.0	1.8	ug/L			04/22/21 11:39	5
cis-1,2-Dichloroethene	**18**		5.0	4.1	ug/L			04/22/21 11:39	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			04/22/21 11:39	5
Cyclohexane	ND		5.0	0.90	ug/L			04/22/21 11:39	5
Dibromochloromethane	ND		5.0	1.6	ug/L			04/22/21 11:39	5
Dichlorodifluoromethane	ND		5.0	3.4	ug/L			04/22/21 11:39	5
Ethylbenzene	ND		5.0	3.7	ug/L			04/22/21 11:39	5
Isopropylbenzene	ND		5.0	4.0	ug/L			04/22/21 11:39	5
Methyl acetate	ND		13	6.5	ug/L			04/22/21 11:39	5
Methyl tert-butyl ether	ND		5.0	0.80	ug/L			04/22/21 11:39	5
Methylcyclohexane	ND		5.0	0.80	ug/L			04/22/21 11:39	5
Methylene Chloride	ND		5.0	2.2	ug/L			04/22/21 11:39	5
Styrene	ND		5.0	3.7	ug/L			04/22/21 11:39	5
Tetrachloroethene	ND		5.0	1.8	ug/L			04/22/21 11:39	5
Toluene	ND		5.0	2.6	ug/L			04/22/21 11:39	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			04/22/21 11:39	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			04/22/21 11:39	5
Trichloroethene	**200**		5.0	2.3	ug/L			04/22/21 11:39	5
Trichlorofluoromethane	ND		5.0	4.4	ug/L			04/22/21 11:39	5
Vinyl chloride	ND		5.0	4.5	ug/L			04/22/21 11:39	5
Xylenes, Total	ND		10	3.3	ug/L			04/22/21 11:39	5

Client Sample ID: MW-24-042021

Lab Sample ID: 480-183584-1

Date Collected: 04/20/21 10:00

Matrix: Water

Date Received: 04/21/21 08:00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*77 - 120*		*04/22/21 11:39*	*5*
4-Bromofluorobenzene (Surr)	*94*		*73 - 120*		*04/22/21 11:39*	*5*
Dibromofluoromethane (Surr)	*91*		*75 - 123*		*04/22/21 11:39*	*5*
Toluene-d8 (Surr)	*101*		*80 - 120*		*04/22/21 11:39*	*5*

Client Sample ID: MW-18-042021

Lab Sample ID: 480-183584-2

Date Collected: 04/20/21 10:45

Matrix: Water

Date Received: 04/21/21 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			04/22/21 12:01	20
1,1,2,2-Tetrachloroethane	ND		20	4.2	ug/L			04/22/21 12:01	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	6.2	ug/L			04/22/21 12:01	20
1,1,2-Trichloroethane	ND		20	4.6	ug/L			04/22/21 12:01	20
1,1-Dichloroethane	ND		20	7.6	ug/L			04/22/21 12:01	20
1,1-Dichloroethene	ND		20	5.8	ug/L			04/22/21 12:01	20
1,2,4-Trichlorobenzene	ND		20	8.2	ug/L			04/22/21 12:01	20
1,2-Dibromo-3-Chloropropane	ND		20	7.8	ug/L			04/22/21 12:01	20
1,2-Dibromoethane	ND		20	15	ug/L			04/22/21 12:01	20
1,2-Dichlorobenzene	ND		20	16	ug/L			04/22/21 12:01	20
1,2-Dichloroethane	ND		20	4.2	ug/L			04/22/21 12:01	20
1,2-Dichloropropane	ND		20	14	ug/L			04/22/21 12:01	20
1,3-Dichlorobenzene	ND		20	16	ug/L			04/22/21 12:01	20
1,4-Dichlorobenzene	ND		20	17	ug/L			04/22/21 12:01	20
2-Butanone (MEK)	ND		200	26	ug/L			04/22/21 12:01	20
2-Hexanone	ND		100	25	ug/L			04/22/21 12:01	20
4-Methyl-2-pentanone (MIBK)	ND		100	42	ug/L			04/22/21 12:01	20
Acetone	ND		200	60	ug/L			04/22/21 12:01	20
Benzene	ND		20	8.2	ug/L			04/22/21 12:01	20
Bromodichloromethane	ND		20	7.8	ug/L			04/22/21 12:01	20
Bromoform	ND		20	5.2	ug/L			04/22/21 12:01	20
Bromomethane	ND		20	14	ug/L			04/22/21 12:01	20
Carbon disulfide	ND		20	3.8	ug/L			04/22/21 12:01	20
Carbon tetrachloride	ND		20	5.4	ug/L			04/22/21 12:01	20
Chlorobenzene	ND		20	15	ug/L			04/22/21 12:01	20
Chloroethane	ND		20	6.4	ug/L			04/22/21 12:01	20
Chloroform	ND		20	6.8	ug/L			04/22/21 12:01	20
Chloromethane	ND		20	7.0	ug/L			04/22/21 12:01	20
cis-1,2-Dichloroethene	**350**		20	16	ug/L			04/22/21 12:01	20
cis-1,3-Dichloropropene	ND		20	7.2	ug/L			04/22/21 12:01	20
Cyclohexane	ND		20	3.6	ug/L			04/22/21 12:01	20
Dibromochloromethane	ND		20	6.4	ug/L			04/22/21 12:01	20
Dichlorodifluoromethane	ND		20	14	ug/L			04/22/21 12:01	20
Ethylbenzene	ND		20	15	ug/L			04/22/21 12:01	20
Isopropylbenzene	ND		20	16	ug/L			04/22/21 12:01	20
Methyl acetate	ND		50	26	ug/L			04/22/21 12:01	20
Methyl tert-butyl ether	ND		20	3.2	ug/L			04/22/21 12:01	20
Methylcyclohexane	ND		20	3.2	ug/L			04/22/21 12:01	20
Methylene Chloride	ND		20	8.8	ug/L			04/22/21 12:01	20

Client Sample ID: MW-18-042021

Lab Sample ID: 480-183584-2

Date Collected: 04/20/21 10:45

Matrix: Water

Date Received: 04/21/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		20	15	ug/L			04/22/21 12:01	20
Tetrachloroethene	ND		20	7.2	ug/L			04/22/21 12:01	20
Toluene	ND		20	10	ug/L			04/22/21 12:01	20
trans-1,2-Dichloroethene	ND		20	18	ug/L			04/22/21 12:01	20
trans-1,3-Dichloropropene	ND		20	7.4	ug/L			04/22/21 12:01	20
Trichloroethene	**940**		20	9.2	ug/L			04/22/21 12:01	20
Trichlorofluoromethane	ND		20	18	ug/L			04/22/21 12:01	20
Vinyl chloride	ND		20	18	ug/L			04/22/21 12:01	20
Xylenes, Total	ND		40	13	ug/L			04/22/21 12:01	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*77 - 120*		*04/22/21 12:01*	*20*
4-Bromofluorobenzene (Surr)	*91*		*73 - 120*		*04/22/21 12:01*	*20*
Dibromofluoromethane (Surr)	*91*		*75 - 123*		*04/22/21 12:01*	*20*
Toluene-d8 (Surr)	*95*		*80 - 120*		*04/22/21 12:01*	*20*

Client Sample ID: MW-11 042021

Lab Sample ID: 480-183584-3

Date Collected: 04/20/21 12:00

Matrix: Water

Date Received: 04/21/21 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		10	8.2	ug/L			04/22/21 12:23	10
1,1,2,2-Tetrachloroethane	ND		10	2.1	ug/L			04/22/21 12:23	10
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	3.1	ug/L			04/22/21 12:23	10
1,1,2-Trichloroethane	ND		10	2.3	ug/L			04/22/21 12:23	10
1,1-Dichloroethane	ND		10	3.8	ug/L			04/22/21 12:23	10
1,1-Dichloroethene	ND		10	2.9	ug/L			04/22/21 12:23	10
1,2,4-Trichlorobenzene	ND		10	4.1	ug/L			04/22/21 12:23	10
1,2-Dibromo-3-Chloropropane	ND		10	3.9	ug/L			04/22/21 12:23	10
1,2-Dibromoethane	ND		10	7.3	ug/L			04/22/21 12:23	10
1,2-Dichlorobenzene	ND		10	7.9	ug/L			04/22/21 12:23	10
1,2-Dichloroethane	ND		10	2.1	ug/L			04/22/21 12:23	10
1,2-Dichloropropane	ND		10	7.2	ug/L			04/22/21 12:23	10
1,3-Dichlorobenzene	ND		10	7.8	ug/L			04/22/21 12:23	10
1,4-Dichlorobenzene	ND		10	8.4	ug/L			04/22/21 12:23	10
2-Butanone (MEK)	ND		100	13	ug/L			04/22/21 12:23	10
2-Hexanone	ND		50	12	ug/L			04/22/21 12:23	10
4-Methyl-2-pentanone (MIBK)	ND		50	21	ug/L			04/22/21 12:23	10
Acetone	ND		100	30	ug/L			04/22/21 12:23	10
Benzene	ND		10	4.1	ug/L			04/22/21 12:23	10
Bromodichloromethane	ND		10	3.9	ug/L			04/22/21 12:23	10
Bromoform	ND		10	2.6	ug/L			04/22/21 12:23	10
Bromomethane	ND		10	6.9	ug/L			04/22/21 12:23	10
Carbon disulfide	ND		10	1.9	ug/L			04/22/21 12:23	10
Carbon tetrachloride	ND		10	2.7	ug/L			04/22/21 12:23	10
Chlorobenzene	ND		10	7.5	ug/L			04/22/21 12:23	10
Chloroethane	ND		10	3.2	ug/L			04/22/21 12:23	10
Chloroform	ND		10	3.4	ug/L			04/22/21 12:23	10
Chloromethane	ND		10	3.5	ug/L			04/22/21 12:23	10

Client Sample ID: MW-11 042021

Lab Sample ID: 480-183584-3

Date Collected: 04/20/21 12:00

Matrix: Water

Date Received: 04/21/21 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		10	8.1	ug/L			04/22/21 12:23	10
cis-1,3-Dichloropropene	ND		10	3.6	ug/L			04/22/21 12:23	10
Cyclohexane	ND		10	1.8	ug/L			04/22/21 12:23	10
Dibromochloromethane	ND		10	3.2	ug/L			04/22/21 12:23	10
Dichlorodifluoromethane	ND		10	6.8	ug/L			04/22/21 12:23	10
Ethylbenzene	ND		10	7.4	ug/L			04/22/21 12:23	10
Isopropylbenzene	ND		10	7.9	ug/L			04/22/21 12:23	10
Methyl acetate	ND		25	13	ug/L			04/22/21 12:23	10
Methyl tert-butyl ether	ND		10	1.6	ug/L			04/22/21 12:23	10
Methylcyclohexane	ND		10	1.6	ug/L			04/22/21 12:23	10
Methylene Chloride	ND		10	4.4	ug/L			04/22/21 12:23	10
Styrene	ND		10	7.3	ug/L			04/22/21 12:23	10
Tetrachloroethene	ND		10	3.6	ug/L			04/22/21 12:23	10
Toluene	ND		10	5.1	ug/L			04/22/21 12:23	10
trans-1,2-Dichloroethene	ND		10	9.0	ug/L			04/22/21 12:23	10
trans-1,3-Dichloropropene	ND		10	3.7	ug/L			04/22/21 12:23	10
Trichloroethene	**680**		10	4.6	ug/L			04/22/21 12:23	10
Trichlorofluoromethane	ND		10	8.8	ug/L			04/22/21 12:23	10
Vinyl chloride	ND		10	9.0	ug/L			04/22/21 12:23	10
Xylenes, Total	ND		20	6.6	ug/L			04/22/21 12:23	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*77 - 120*		*04/22/21 12:23*	*10*
4-Bromofluorobenzene (Surr)	*89*		*73 - 120*		*04/22/21 12:23*	*10*
Dibromofluoromethane (Surr)	*92*		*75 - 123*		*04/22/21 12:23*	*10*
Toluene-d8 (Surr)	*98*		*80 - 120*		*04/22/21 12:23*	*10*

Client Sample ID: MW-10 042021

Lab Sample ID: 480-183584-4

Date Collected: 04/20/21 13:00

Matrix: Water

Date Received: 04/21/21 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			04/22/21 12:46	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			04/22/21 12:46	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			04/22/21 12:46	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			04/22/21 12:46	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			04/22/21 12:46	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			04/22/21 12:46	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			04/22/21 12:46	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			04/22/21 12:46	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			04/22/21 12:46	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			04/22/21 12:46	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			04/22/21 12:46	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			04/22/21 12:46	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			04/22/21 12:46	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			04/22/21 12:46	2
2-Butanone (MEK)	ND		20	2.6	ug/L			04/22/21 12:46	2
2-Hexanone	ND		10	2.5	ug/L			04/22/21 12:46	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			04/22/21 12:46	2

Client Sample ID: MW-10 042021

Lab Sample ID: 480-183584-4

Date Collected: 04/20/21 13:00

Matrix: Water

Date Received: 04/21/21 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		20	6.0	ug/L			04/22/21 12:46	2
Benzene	ND		2.0	0.82	ug/L			04/22/21 12:46	2
Bromodichloromethane	ND		2.0	0.78	ug/L			04/22/21 12:46	2
Bromoform	ND		2.0	0.52	ug/L			04/22/21 12:46	2
Bromomethane	ND		2.0	1.4	ug/L			04/22/21 12:46	2
Carbon disulfide	ND		2.0	0.38	ug/L			04/22/21 12:46	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			04/22/21 12:46	2
Chlorobenzene	ND		2.0	1.5	ug/L			04/22/21 12:46	2
Chloroethane	ND		2.0	0.64	ug/L			04/22/21 12:46	2
Chloroform	ND		2.0	0.68	ug/L			04/22/21 12:46	2
Chloromethane	ND		2.0	0.70	ug/L			04/22/21 12:46	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			04/22/21 12:46	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			04/22/21 12:46	2
Cyclohexane	ND		2.0	0.36	ug/L			04/22/21 12:46	2
Dibromochloromethane	ND		2.0	0.64	ug/L			04/22/21 12:46	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			04/22/21 12:46	2
Ethylbenzene	ND		2.0	1.5	ug/L			04/22/21 12:46	2
Isopropylbenzene	ND		2.0	1.6	ug/L			04/22/21 12:46	2
Methyl acetate	ND		5.0	2.6	ug/L			04/22/21 12:46	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			04/22/21 12:46	2
Methylcyclohexane	ND		2.0	0.32	ug/L			04/22/21 12:46	2
Methylene Chloride	ND		2.0	0.88	ug/L			04/22/21 12:46	2
Styrene	ND		2.0	1.5	ug/L			04/22/21 12:46	2
Tetrachloroethene	ND		2.0	0.72	ug/L			04/22/21 12:46	2
Toluene	ND		2.0	1.0	ug/L			04/22/21 12:46	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			04/22/21 12:46	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			04/22/21 12:46	2
Trichloroethene	**110**		2.0	0.92	ug/L			04/22/21 12:46	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			04/22/21 12:46	2
Vinyl chloride	ND		2.0	1.8	ug/L			04/22/21 12:46	2
Xylenes, Total	ND		4.0	1.3	ug/L			04/22/21 12:46	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*77 - 120*		*04/22/21 12:46*	*2*
4-Bromofluorobenzene (Surr)	*92*		*73 - 120*		*04/22/21 12:46*	*2*
Dibromofluoromethane (Surr)	*92*		*75 - 123*		*04/22/21 12:46*	*2*
Toluene-d8 (Surr)	*99*		*80 - 120*		*04/22/21 12:46*	*2*

Client Sample ID: MW-13 04221

Lab Sample ID: 480-183584-5

Date Collected: 04/20/21 13:50

Matrix: Water

Date Received: 04/21/21 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			04/22/21 13:08	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			04/22/21 13:08	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2	ug/L			04/22/21 13:08	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			04/22/21 13:08	4
1,1-Dichloroethane	ND		4.0	1.5	ug/L			04/22/21 13:08	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			04/22/21 13:08	4

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

Job ID: 480-183584-1

Client Sample ID: MW-13 04221
Date Collected: 04/20/21 13:50
Date Received: 04/21/21 08:00

Lab Sample ID: 480-183584-5
Matrix: Water

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		4.0	1.6	ug/L			04/22/21 13:08	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			04/22/21 13:08	4
1,2-Dibromoethane	ND		4.0	2.9	ug/L			04/22/21 13:08	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			04/22/21 13:08	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			04/22/21 13:08	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			04/22/21 13:08	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			04/22/21 13:08	4
1,4-Dichlorobenzene	ND		4.0	3.4	ug/L			04/22/21 13:08	4
2-Butanone (MEK)	ND		40	5.3	ug/L			04/22/21 13:08	4
2-Hexanone	ND		20	5.0	ug/L			04/22/21 13:08	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			04/22/21 13:08	4
Acetone	ND		40	12	ug/L			04/22/21 13:08	4
Benzene	ND		4.0	1.6	ug/L			04/22/21 13:08	4
Bromodichloromethane	ND		4.0	1.6	ug/L			04/22/21 13:08	4
Bromoform	ND		4.0	1.0	ug/L			04/22/21 13:08	4
Bromomethane	ND		4.0	2.8	ug/L			04/22/21 13:08	4
Carbon disulfide	ND		4.0	0.76	ug/L			04/22/21 13:08	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			04/22/21 13:08	4
Chlorobenzene	ND		4.0	3.0	ug/L			04/22/21 13:08	4
Chloroethane	ND		4.0	1.3	ug/L			04/22/21 13:08	4
Chloroform	ND		4.0	1.4	ug/L			04/22/21 13:08	4
Chloromethane	ND		4.0	1.4	ug/L			04/22/21 13:08	4
cis-1,2-Dichloroethene	ND		4.0	3.2	ug/L			04/22/21 13:08	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			04/22/21 13:08	4
Cyclohexane	ND		4.0	0.72	ug/L			04/22/21 13:08	4
Dibromochloromethane	ND		4.0	1.3	ug/L			04/22/21 13:08	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			04/22/21 13:08	4
Ethylbenzene	ND		4.0	3.0	ug/L			04/22/21 13:08	4
Isopropylbenzene	ND		4.0	3.2	ug/L			04/22/21 13:08	4
Methyl acetate	ND		10	5.2	ug/L			04/22/21 13:08	4
Methyl tert-butyl ether	ND		4.0	0.64	ug/L			04/22/21 13:08	4
Methylcyclohexane	ND		4.0	0.64	ug/L			04/22/21 13:08	4
Methylene Chloride	ND		4.0	1.8	ug/L			04/22/21 13:08	4
Styrene	ND		4.0	2.9	ug/L			04/22/21 13:08	4
Tetrachloroethene	ND		4.0	1.4	ug/L			04/22/21 13:08	4
Toluene	ND		4.0	2.0	ug/L			04/22/21 13:08	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			04/22/21 13:08	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			04/22/21 13:08	4
Trichloroethene	**180**		4.0	1.8	ug/L			04/22/21 13:08	4
Trichlorofluoromethane	ND		4.0	3.5	ug/L			04/22/21 13:08	4
Vinyl chloride	ND		4.0	3.6	ug/L			04/22/21 13:08	4
Xylenes, Total	ND		8.0	2.6	ug/L			04/22/21 13:08	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*		*04/22/21 13:08*	*4*
4-Bromofluorobenzene (Surr)	*90*		*73 - 120*		*04/22/21 13:08*	*4*
Dibromofluoromethane (Surr)	*92*		*75 - 123*		*04/22/21 13:08*	*4*
Toluene-d8 (Surr)	*98*		*80 - 120*		*04/22/21 13:08*	*4*

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

Job ID: 480-183584-1

Client Sample ID: QC TRIP BLANK
Date Collected: 04/20/21 00:00
Date Received: 04/21/21 08:00

Lab Sample ID: 480-183584-6
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/22/21 13:31	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/22/21 13:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/22/21 13:31	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/22/21 13:31	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/22/21 13:31	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/22/21 13:31	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/22/21 13:31	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/22/21 13:31	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/22/21 13:31	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/22/21 13:31	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/22/21 13:31	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/22/21 13:31	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/22/21 13:31	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/22/21 13:31	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/22/21 13:31	1
2-Hexanone	ND		5.0	1.2	ug/L			04/22/21 13:31	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/22/21 13:31	1
Acetone	ND		10	3.0	ug/L			04/22/21 13:31	1
Benzene	ND		1.0	0.41	ug/L			04/22/21 13:31	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/22/21 13:31	1
Bromoform	ND		1.0	0.26	ug/L			04/22/21 13:31	1
Bromomethane	ND		1.0	0.69	ug/L			04/22/21 13:31	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/22/21 13:31	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/22/21 13:31	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/22/21 13:31	1
Chloroethane	ND		1.0	0.32	ug/L			04/22/21 13:31	1
Chloroform	ND		1.0	0.34	ug/L			04/22/21 13:31	1
Chloromethane	ND		1.0	0.35	ug/L			04/22/21 13:31	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/22/21 13:31	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/22/21 13:31	1
Cyclohexane	ND		1.0	0.18	ug/L			04/22/21 13:31	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/22/21 13:31	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/22/21 13:31	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/22/21 13:31	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/22/21 13:31	1
Methyl acetate	ND		2.5	1.3	ug/L			04/22/21 13:31	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/22/21 13:31	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/22/21 13:31	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/22/21 13:31	1
Styrene	ND		1.0	0.73	ug/L			04/22/21 13:31	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/22/21 13:31	1
Toluene	ND		1.0	0.51	ug/L			04/22/21 13:31	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/22/21 13:31	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/22/21 13:31	1
Trichloroethene	ND		1.0	0.46	ug/L			04/22/21 13:31	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/22/21 13:31	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/22/21 13:31	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/22/21 13:31	1

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

Job ID: 480-183584-1

Client Sample ID: QC TRIP BLANK
Date Collected: 04/20/21 00:00
Date Received: 04/21/21 08:00

Lab Sample ID: 480-183584-6
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		77 - 120		04/22/21 13:31	1
4-Bromofluorobenzene (Surr)	92		73 - 120		04/22/21 13:31	1
Dibromofluoromethane (Surr)	89		75 - 123		04/22/21 13:31	1
Toluene-d8 (Surr)	99		80 - 120		04/22/21 13:31	1

Surrogate Summary

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

Job ID: 480-183584-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(75-123)	(80-120)
480-183584-1	MW-24-042021	93	94	91	101
480-183584-2	MW-18-042021	94	91	91	95
480-183584-3	MW-11 042021	95	89	92	98
480-183584-4	MW-10 042021	92	92	92	99
480-183584-5	MW-13 04221	97	90	92	98
480-183584-6	QC TRIP BLANK	95	92	89	99
LCS 480-577326/5	Lab Control Sample	93	93	88	100
MB 480-577326/7	Method Blank	91	91	93	96

Surrogate Legend

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

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

Lab Sample ID: MB 480-577326/7
Matrix: Water
Analysis Batch: 577326

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			04/22/21 10:39	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/22/21 10:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/22/21 10:39	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/22/21 10:39	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/22/21 10:39	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/22/21 10:39	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/22/21 10:39	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/22/21 10:39	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/22/21 10:39	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/22/21 10:39	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/22/21 10:39	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/22/21 10:39	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/22/21 10:39	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/22/21 10:39	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/22/21 10:39	1
2-Hexanone	ND		5.0	1.2	ug/L			04/22/21 10:39	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/22/21 10:39	1
Acetone	ND		10	3.0	ug/L			04/22/21 10:39	1
Benzene	ND		1.0	0.41	ug/L			04/22/21 10:39	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/22/21 10:39	1
Bromoform	ND		1.0	0.26	ug/L			04/22/21 10:39	1
Bromomethane	ND		1.0	0.69	ug/L			04/22/21 10:39	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/22/21 10:39	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/22/21 10:39	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/22/21 10:39	1
Chloroethane	ND		1.0	0.32	ug/L			04/22/21 10:39	1
Chloroform	ND		1.0	0.34	ug/L			04/22/21 10:39	1
Chloromethane	ND		1.0	0.35	ug/L			04/22/21 10:39	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/22/21 10:39	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/22/21 10:39	1
Cyclohexane	ND		1.0	0.18	ug/L			04/22/21 10:39	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/22/21 10:39	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/22/21 10:39	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/22/21 10:39	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/22/21 10:39	1
Methyl acetate	ND		2.5	1.3	ug/L			04/22/21 10:39	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/22/21 10:39	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/22/21 10:39	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/22/21 10:39	1
Styrene	ND		1.0	0.73	ug/L			04/22/21 10:39	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/22/21 10:39	1
Toluene	ND		1.0	0.51	ug/L			04/22/21 10:39	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/22/21 10:39	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/22/21 10:39	1
Trichloroethene	ND		1.0	0.46	ug/L			04/22/21 10:39	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/22/21 10:39	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/22/21 10:39	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/22/21 10:39	1

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

Lab Sample ID: MB 480-577326/7
Matrix: Water
Analysis Batch: 577326

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		77 - 120		04/22/21 10:39	1
4-Bromofluorobenzene (Surr)	91		73 - 120		04/22/21 10:39	1
Dibromofluoromethane (Surr)	93		75 - 123		04/22/21 10:39	1
Toluene-d8 (Surr)	96		80 - 120		04/22/21 10:39	1

Lab Sample ID: LCS 480-577326/5
Matrix: Water
Analysis Batch: 577326

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	19.9		ug/L		80	73 - 126
1,1,2,2-Tetrachloroethane	25.0	25.6		ug/L		103	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	18.8		ug/L		75	61 - 148
1,1,2-Trichloroethane	25.0	25.9		ug/L		103	76 - 122
1,1-Dichloroethane	25.0	22.1		ug/L		88	77 - 120
1,1-Dichloroethene	25.0	18.3		ug/L		73	66 - 127
1,2,4-Trichlorobenzene	25.0	21.4		ug/L		85	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	25.0		ug/L		100	56 - 134
1,2-Dibromoethane	25.0	24.8		ug/L		99	77 - 120
1,2-Dichlorobenzene	25.0	22.2		ug/L		89	80 - 124
1,2-Dichloroethane	25.0	21.8		ug/L		87	75 - 120
1,2-Dichloropropane	25.0	24.7		ug/L		99	76 - 120
1,3-Dichlorobenzene	25.0	22.9		ug/L		91	77 - 120
1,4-Dichlorobenzene	25.0	22.8		ug/L		91	80 - 120
2-Butanone (MEK)	125	158		ug/L		126	57 - 140
2-Hexanone	125	154		ug/L		123	65 - 127
4-Methyl-2-pentanone (MIBK)	125	137		ug/L		110	71 - 125
Acetone	125	111		ug/L		89	56 - 142
Benzene	25.0	22.2		ug/L		89	71 - 124
Bromodichloromethane	25.0	24.6		ug/L		98	80 - 122
Bromoform	25.0	25.2		ug/L		101	61 - 132
Bromomethane	25.0	19.1		ug/L		77	55 - 144
Carbon disulfide	25.0	19.9		ug/L		79	59 - 134
Carbon tetrachloride	25.0	20.0		ug/L		80	72 - 134
Chlorobenzene	25.0	24.0		ug/L		96	80 - 120
Chloroethane	25.0	20.1		ug/L		80	69 - 136
Chloroform	25.0	20.6		ug/L		82	73 - 127
Chloromethane	25.0	25.8		ug/L		103	68 - 124
cis-1,2-Dichloroethene	25.0	20.3		ug/L		81	74 - 124
cis-1,3-Dichloropropene	25.0	25.8		ug/L		103	74 - 124
Cyclohexane	25.0	22.8		ug/L		91	59 - 135
Dibromochloromethane	25.0	24.5		ug/L		98	75 - 125
Dichlorodifluoromethane	25.0	19.9		ug/L		80	59 - 135
Ethylbenzene	25.0	24.1		ug/L		96	77 - 123
Isopropylbenzene	25.0	23.2		ug/L		93	77 - 122
Methyl acetate	50.0	47.8		ug/L		96	74 - 133
Methyl tert-butyl ether	25.0	20.4		ug/L		82	77 - 120
Methylcyclohexane	25.0	21.2		ug/L		85	68 - 134

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

Lab Sample ID: LCS 480-577326/5
Matrix: Water
Analysis Batch: 577326

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	22.3		ug/L		89	75 - 124
Styrene	25.0	24.3		ug/L		97	80 - 120
Tetrachloroethene	25.0	21.9		ug/L		88	74 - 122
Toluene	25.0	23.7		ug/L		95	80 - 122
trans-1,2-Dichloroethene	25.0	19.1		ug/L		76	73 - 127
trans-1,3-Dichloropropene	25.0	25.1		ug/L		100	80 - 120
Trichloroethene	25.0	22.7		ug/L		91	74 - 123
Trichlorofluoromethane	25.0	20.3		ug/L		81	62 - 150
Vinyl chloride	25.0	21.4		ug/L		86	65 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*77 - 120*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*
Dibromofluoromethane (Surr)	*88*		*75 - 123*
Toluene-d8 (Surr)	*100*		*80 - 120*

QC Association Summary

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

Job ID: 480-183584-1

GC/MS VOA

Analysis Batch: 577326

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-183584-1	MW-24-042021	Total/NA	Water	8260C	
480-183584-2	MW-18-042021	Total/NA	Water	8260C	
480-183584-3	MW-11 042021	Total/NA	Water	8260C	
480-183584-4	MW-10 042021	Total/NA	Water	8260C	
480-183584-5	MW-13 04221	Total/NA	Water	8260C	
480-183584-6	QC TRIP BLANK	Total/NA	Water	8260C	
MB 480-577326/7	Method Blank	Total/NA	Water	8260C	
LCS 480-577326/5	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: 480-183584-1

Client Sample ID: MW-24-042021
Lab Sample ID: 480-183584-1
Date Collected: 04/20/21 10:00
Matrix: Water
Date Received: 04/21/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	577326	04/22/21 11:39	CRL	TAL BUF

Client Sample ID: MW-18-042021
Lab Sample ID: 480-183584-2
Date Collected: 04/20/21 10:45
Matrix: Water
Date Received: 04/21/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		20	577326	04/22/21 12:01	CRL	TAL BUF

Client Sample ID: MW-11 042021
Lab Sample ID: 480-183584-3
Date Collected: 04/20/21 12:00
Matrix: Water
Date Received: 04/21/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	577326	04/22/21 12:23	CRL	TAL BUF

Client Sample ID: MW-10 042021
Lab Sample ID: 480-183584-4
Date Collected: 04/20/21 13:00
Matrix: Water
Date Received: 04/21/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	577326	04/22/21 12:46	CRL	TAL BUF

Client Sample ID: MW-13 04221
Lab Sample ID: 480-183584-5
Date Collected: 04/20/21 13:50
Matrix: Water
Date Received: 04/21/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		4	577326	04/22/21 13:08	CRL	TAL BUF

Client Sample ID: QC TRIP BLANK
Lab Sample ID: 480-183584-6
Date Collected: 04/20/21 00:00
Matrix: Water
Date Received: 04/21/21 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	577326	04/22/21 13:31	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
Job ID: 480-183584-1
Project/Site: Former Accurate Die Cast

Laboratory: Eurofins TestAmerica, Buffalo

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

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

Method Summary

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

Job ID: 480-183584-1

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: 480-183584-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-183584-1	MW-24-042021	Water	04/20/21 10:00	04/21/21 08:00	
480-183584-2	MW-18-042021	Water	04/20/21 10:45	04/21/21 08:00	
480-183584-3	MW-11 042021	Water	04/20/21 12:00	04/21/21 08:00	
480-183584-4	MW-10 042021	Water	04/20/21 13:00	04/21/21 08:00	
480-183584-5	MW-13 04221	Water	04/20/21 13:50	04/21/21 08:00	
480-183584-6	QC TRIP BLANK	Water	04/20/21 00:00	04/21/21 08:00	

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

Chain of Custody Record

eurofins | Environment Testing America

Syracuse #225

Client Information	Sampler: Martin Kennicke	Lab PM: Giacomazza, Joe V	Carrier Tracking No(s):	COC No: 480-159489-12806.1
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: joe.giacomazza@testamericainc.com	State of Origin:	Page: Page 1 of 1
Company: O'Brien & Gere Inc of North America	PWSID:			Job #:
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:			
City: East Syracuse	TAT Requested (days):			
State, Zip: NY, 13221	Compliance Project: Δ Yes Δ No			
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 1940002622			
Email: yuri.veliz@ramboll.com	WO #:			
Project Name: Former Accurate Die Cast	Project #: 48008584			
Site: New York	SSOW#:			

Analysis Requested

Preservation Codes:

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

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - TCL Volatiles	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A		
MW 24 042021	4-20-21	10:00	G	Water			3		
MW 18 042021	4-20-21	10:45	G	Water			3		
MW 11 042021	4-20-21	12:00	G	Water			3		
MW 10 042021	4-20-21	13:00	G	Water			3		
MW 13 042021	4-20-21	13:50	G	Water			3		
QC TRIP BLANKS				Water			2		

AP 4/20/21

480-183584 Chain of Custody

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

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

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

Special Instructions/QC Requirements:

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

	Date/Time	Company		Date/Time	Company
Relinquished by: Martin Kennicke	4-20-21 1450	OBG	Received by:	4/20/21 1450	ES-SYR
Relinquished by: Reigle	4-20-21 1900	[illegible]	Received by:		
Relinquished by:			Received by:	4/21/20 0500	TMD

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

Cooler Temperature(s) °C and Other Remarks: 3.3 #1

Ver: 11/01/2020

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-183584-1

Login Number: 183584

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	