RAMBOLL

ENVIRONMENT
& HEALTH

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

Date August 6, 2020

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

Dear Mr. Belveg:

This letter presents the status of groundwater treatment plant operations for the former Accurate Die Casting site (Site No. 734052) in Fayetteville, New York for the second quarter of 2020 (April 1 through June 30, 2020). This information is provided as required by the Order on Consent (#A7-0318-94-10). Included are the results of the monitoring activities associated with the SPDES Fact Sheet for the groundwater treatment system.

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Operation Status and Activities Completed

As of June 30, 2020, a total of 123,496,665 gallons of groundwater have been treated since startup on February 5, 1996. From April 1 to June 30, 2020, 1,118,187 gallons of groundwater were treated: 217,364 gallons from recovery well RW-1; 900,596 gallons from recovery well RW-2; and 227 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 2020 are summarized in **Table 1**. The effluent quality during the period complied with the SPDES discharge limits. The laboratory analytical data sheets are provided as **Attachment A**.

On April 15, 2020, 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#2 was replaced on May 18, 2020 and afterward, filter GAC#1 was placed into lead service and GAC#2 was placed onto 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: H. Warner – New York State Department of Environmental Conservation
E. O'Neil - New York State Department of Health
S. McLaughlin - New York State Department of Health
T. Slutzky – The Anderson Company
J. Stanek – ITT Corporation
E. Gernant – Ramboll, Office of General Counsel

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

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	4/3/2020	4/6/2020	4/9/2020	4/10/2020	4/13/2020	4/15/2020	4/17/2020	4/20/2020	4/23/2020	4/27/2020	4/30/2020	5/1/2020
Flow (GPD)	Monitor	150000	Continuous	Meter	12800	12832	12793	12779	12804	12647	12683	12671	12622	12539	12547	12554
pH (SU)	6.5-8.5		2/Week	Grab	7.9	8	8	8	7.9	8	8	8	8	8	8	8
Residue, non-filterable (mg/L)	Monitor	20	Weekly	3-hr comp.			4 U		4 U				8.8	4 U		
Total dissolved solids (TDS) (mg/L)	Monitor	Monitor	Weekly	3-hr comp.			562		881				448	593		
Mercury, total (mg/L)	Monitor	0.0008	Quarterly	3-hr comp.												
Zinc, total (mg/L)	Monitor	0.3	Quarterly	3-hr comp.												
cis-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab			1 U						1 U			
trans-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab			1 U						1 U			
Methylene chloride (ug/L)	Monitor	20	2/Month	Grab			1 U						1 U			
1,1,2,2-Tetrachloroethane (ug/L)	Monitor	10	2/Month	Grab			1 U						1 U			
Tetrachloroethene (ug/L)	Monitor	10	2/Month	Grab			1 U						1 U			
Toluene (ug/L)	Monitor	20	2/Month	Grab			1 U						1 U			
Trichloroethene (ug/L)	Monitor	10	2/Month	Grab			1 U						1 U			

Notes:
--- - Not analyzed, NA - Data Not available
U - Not Detected, J - Estimated, H - Holding times for preparation or analyses exceeded, B - Compound found in the blank and sample
(1) Minimum monitoring requirements based on SPEDES permit modified November, 21, 1997.

Table 1
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Fayetteville, New York
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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	5/7/2020	5/8/2020	5/11/2020	5/14/2020	5/15/2020	5/18/2020	5/21/2020	5/26/2020	5/29/2020	6/1/2020	6/3/2020	6/8/2020
Flow (GPD)	Monitor	150000	Continuous	Meter	12585	12597	12544	12514	12484	12457	12447	12350	11864	12373	12313	12104
pH (SU)	6.5-8.5		2/Week	Grab	8	8	8	8	8	8	8.3	8.2	8.1	8.1	8.1	8.1
Residue, non-filterable (mg/L)	Monitor	20	Weekly	3-hr comp.	4 U		4 U			4 U		4 U		4 U		
Total dissolved solids (TDS) (mg/L)	Monitor	Monitor	Weekly	3-hr comp.	686		662			699		582		745		
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.										0.0047 J		
cis-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab	1 U					1 U				1 U		
trans-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab	1 U					1 U				1 U		
Methylene chloride (ug/L)	Monitor	20	2/Month	Grab	1 U					1 U				1 U		
1,1,2,2-Tetrachloroethane (ug/L)	Monitor	10	2/Month	Grab	1 U					1 U				1 U		
Tetrachloroethene (ug/L)	Monitor	10	2/Month	Grab	1 U					1 U				1 U		
Toluene (ug/L)	Monitor	20	2/Month	Grab	1 U					1 U				1 U		
Trichloroethene (ug/L)	Monitor	10	2/Month	Grab	1 U					1 U				1 U		

Notes:
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U - Not Detected, J - Estimated, H - Holding times for preparation or analyses exceeded, B - Compound found in the blank and sample
(1) Minimum monitoring requirements based on SPEDES permit modified November, 21, 1997.

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

Analyte (units)	Monitoring Requirements				Effluent 6/10/2020	Effluent 6/12/2020	Effluent 6/19/2020	Effluent 6/22/2020	Effluent 6/23/2020	Effluent 6/26/2020	Effluent 6/29/2020	Effluent 6/30/2020	Effluent 7/1/2020
	Discharge Limitation Daily Average	Discharge Limitation Daily Maximum	Minimum Measurement Frequency (1)	Sample Type									
Flow (GPD)	Monitor	150000	Continuous	Meter	11829	11615	11225	10844	10699	10562	10384	10387	2595
pH (SU)	6.5-8.5		2/Week	Grab	8.1	8.1	8.2	8.1	8.1	8.1	8.1	8.1	7.8
Residue, non-filterable (mg/L)	Monitor	20	Weekly	3-hr comp.	4 U		6.4		4 U			4 U	
Total dissolved solids (TDS) (mg/L)	Monitor	Monitor	Weekly	3-hr comp.	738		727		752			683	
Mercury, total (mg/L)	Monitor	0.0008	Quarterly	3-hr comp.									
Zinc, total (mg/L)	Monitor	0.3	Quarterly	3-hr comp.									
cis-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab			1 U						
trans-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab			1 U						
Methylene chloride (ug/L)	Monitor	20	2/Month	Grab			1 U						
1,1,2,2-Tetrachloroethane (ug/L)	Monitor	10	2/Month	Grab			1 U						
Tetrachloroethene (ug/L)	Monitor	10	2/Month	Grab			1 U						
Toluene (ug/L)	Monitor	20	2/Month	Grab			1 U						
Trichloroethene (ug/L)	Monitor	10	2/Month	Grab			1 U						

Notes:
--- - Not analyzed, NA - Data Not available
U - Not Detected, J - Estimated, H - Holding times for preparation or analyses exceeded, B - Compound found in the blank and sample
(1) Minimum monitoring requirements based on SPEDES permit modified November, 21, 1997.

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

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

Notes:
NI-Well not installed at time of monitoring, NA-Data not available, AB-Well was abandoned, --- 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.

Table 2
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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:
NI-Well not installed at time of monitoring, NA-Data not available, AB-Well was abandoned, --- 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.

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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:
NI-Well not installed at time of monitoring, NA-Data not available, AB-Well was abandoned, --- 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.

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:
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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.

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:
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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.

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:
NI-Well not installed at time of monitoring, NA-Data not available, AB-Well was abandoned, --- 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.

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:
NI-Well not installed at time of monitoring, NA-Data not available, AB-Well was abandoned, --- 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.

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:
NI-Well not installed at time of monitoring, NA-Data not available, AB-Well was abandoned, --- 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.

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	Groundwater Elevation (ft) 10/22/2019	Groundwater Elevation (ft) 4/15/2020
MW-01	*99.36*	101.11	75.4 - 85.4	76.09	DRY	75.06	DRY	DRY
MW-02	91.8	94.68	76.6 - 86.6	83.94	84.32	83.72	84.6	83.7
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
MW-06	77.46	79.38	46.4 - 56.4	60.62	59.86	60.36	60.12	60.34
MW-07 (B)	75.66	78.34	34.3 - 44.3	54.54	52.7	54.34	52.34	53.32
MW-08	88.21	91.78	53.9 - 63.9	67.92	62.12	64.76	61.88	64.7
MW-09	102.44	104.03	49.7 - 59.7	60.65	59.85	60.39	60.11	60.33
MW-10 (B)	97.51	97.27	43 - 53	61.75	54.41	58.57	55.35	58.35
MW-11 (B)	91.48	93.8	43.1 - 53.1	60.25	53.1	57.28	54.04	56.96
MW-12	93.62	94.14	51.9 - 61.9	60.82	60.04	60.56	60.3	60.52
MW-13	98.8	98.7	77.7 - 87.7	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
MW-15 (B)	96.1	98.9	32.7 - 42.7	63.6	54.78	60.68	56.48	60.5
MW-16 (B)	98.5	100.85	50.8 - 60.8	69.13	63.59	66.57	64.21	66.29
MW-17	66.9	69.24	53.7 - 63.7	59.34	57.78	58.96	57.84	58.92
MW-18	76.5	78.29	61.5 - 71.5	73.49	70.69	73.21	71.31	73.09
MW-19	69.5	71.27	46.5 - 56.5	47.52	DRY	47.47	47.53	47.53
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
MW-22	71.5	73.34	60.9 - 65.9	69.28	68.98	69.74	69.34	69.69
MW-23 (B)	89.8	91.72	17.3 - 22.3	40.48	35.78	39.32	35.6	39.42
MW-24*			-	---	---	---	---	---
PZ-01	81.8	83.95	49.8 - 59.8	60.65	59.87	60.39	60.13	60.35
PZ-02	80.6	83.06	42.8 - 52.8	60.38	59.68	60.18	59.92	60.14
RW-01	78.4	80.28	29.4 - 39.4, 45.4 - 50.4	34.34	34.18	33.08	34.73	35.28
RW-02 (B)	91.58	95.18	-	58.58	44.88	52.93	45.43	51.46
SUMP		97.93	-					

Notes:

NI-Well not installed at time of monitoring, NA-Data not available, AB-Well was abandoned, --- Water level not monitored, (B)-Bedrock groundwater monitoring well,
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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.

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:
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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.
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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:
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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:
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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

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

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

Notes:
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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	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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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-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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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	Oct-18 Trichloroethene ug/l	May-19 Trichloroethene ug/l	Oct-19 Trichloroethene ug/l	Apr-20 Trichloroethene ug/l
Location ID				
MW-01	---	---	---	---
MW-02	---	---	---	---
MW-03	---	---	---	---
MW-04	---	---	---	---
MW-05	57	---	47	---
MW-06	72	---	66	---
MW-07	---	---	---	---
MW-08	---	---	---	---
MW-09	40	---	34	---
MW-10	77	140	71	120
MW-11	300	310	510	440
MW-12	17	---	15	---
MW-13	250	---	260	220
MW-14	270	---	220	---
MW-15	1 U	---	1 U	---
MW-16	1.6	---	1 U	---
MW-17	210	---	180	---
MW-18	1500 F1	960	1400	1100 F1
MW-20	---	---	---	---
MW-21	17	---	15	---
MW-22	14	---	5.7	---
MW-23	---	---	---	---
MW-24	370	140	290	160
PZ-01	48	---	47	---
PZ-02	75	---	69	---

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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.
Data provided only for wells presently included in either the annual or semi-annual monitoring list of wells.

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-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-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

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-08	11/8/2001	1 U	1 U	1 U	1 U
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-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

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	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
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-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

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-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-13	10/24/1996	10 U	10 U	10 U	10 U
MW-13	10/23/1997	50 U	50 U	50 U	50 U
MW-13	10/21/1998	25 U	25 U	25 U	25 U
MW-13	10/20/1999	20 U	20 U	20 U	20 U
MW-13	11/9/2000	20 U	20 U	20 U	20 U
MW-13	11/8/2001	20 U	20 U	20 U	20 U
MW-13	6/11/2002	20 U	20 U	20 U	20 U
MW-13	10/11/2002	20 U	20 U	20 U	20 U
MW-13	4/8/2005	0.50 U	0.50 U	0.50 U	0.50 U
MW-13	4/21/2006	5 U	5 U	5 U	5 U
MW-13	2/7/2007	5 U	5 U	5 U	5 U
MW-13	5/31/2007	5 U	5 U	5 U	5 U
MW-13	11/29/2007	0.5 U	0.5 U	0.5 U	0.5 U
MW-13	5/1/2008	0.5 U	0.5 U	0.5 U	0.5 U
MW-13	11/1/2008	NS	NS	NS	NS
MW-13	4/30/2010	5 U	5 U	5 U	5 U
MW-13	11/17/2010	5 U	5 U	5 U	5 U
MW-13	11/29/2011	5 U	5 U	5 U	5 U
MW-13	5/22/2012	5 U	5 U	5 U	5 U
MW-13	11/28/2012	5 U	5 U	5 U	5 U
MW-13	4/18/2013	5 U	5 U	5 U	5 U
MW-13	10/1/2013	1 U	1 U	1 U	1 U
MW-13	4/16/2014	1 U	1 U	1 U	1 U
MW-13	9/18/2014	4 U	4 U	4 U	4 U
MW-13	3/31/2015	4 U	4 U	4 U	4 U
MW-13	9/16/2015	4 U	4 U	4 U	4 U
MW-13	3/22/2016	4 U	4 U*	4 U	4 U
MW-13	10/6/2016	4 U	4 U	4 U	4 U
MW-13	4/27/2017	1 U	1 U	1 U	1 U
MW-13	10/25/2017	1 U	1 U	1 U	1 U
MW-13	4/24/2018	1 U	1 U	1 U	1 U
MW-13	10/4/2018	4 U	4 U	4 U	4 U
MW-13	10/22/2019	4 U	4 U	4 U	4 U
MW-13	4/15/2020	4 U	4 U	4 U	4 U
MW-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

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-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-15	10/22/1996	1 U	1 U	1 U	1 U
MW-15	10/22/1997	1 U	1 U	1 U	1 U
MW-15	10/21/1998	1 U	1 U	1 U	1 U
MW-15	10/19/1999	1 U	1 U	1 U	1 U
MW-15	11/9/2000	1 U	1 U	1 U	1 U
MW-15	11/8/2001	1 U	1 U	1 U	1 U
MW-15	10/11/2002	1 U	1 U	1 U	1 U
MW-15	12/8/2003	1 U	1 U	1 U	1 U
MW-15	12/28/2004	0.50 U	0.50 U	0.50 U	0.50 U
MW-15	11/9/2005	**2.19**	0.50 U	0.50 U	0.50 U
MW-15	1/2/2007	**1.8**	0.5 U	0.5 U	0.5 U
MW-15	11/29/2007	**1.7**	0.5 U	0.5 U	0.5 U
MW-15	11/1/2008	0.5 U	0.5 U	0.5 U	0.5 U
MW-15	11/20/2009	0.71	0.5 U	0.5 U	0.5 U
MW-15	11/17/2010	0.5 U	0.5 U	0.5 U	0.5 U
MW-15	11/29/2011	0.5 U	0.5 U	0.5 U	0.5 U
MW-15	11/28/2012	0.5 U	0.5 U	0.5 U	0.5 U
MW-15	10/1/2013	1 U	1 U	1 U	1 U
MW-15	9/18/2014	1 U	1 U	1 U	1 U
MW-15	9/16/2015	1 U	1 U	1 U	1 U
MW-15	10/6/2016	1 U	1 U	1 U	1 U
MW-15	10/25/2017	1 U	1 U	1 U	1 U
MW-15	10/4/2018	1 U	1 U	1 U	1 U
MW-15	10/22/2019	1 U	1 U	1 U	1 U
MW-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-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

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-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-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

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-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-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-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

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-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-23	4/15/1997	1 U	1 U	1 U	1 U
MW-23	7/8/1997	1 U	1 U	1 U	1 U
MW-23	10/22/1997	1 U	1 U	1 U	1 U
MW-23	1/29/1998	1 U	1 U	1 U	1 U
MW-23	10/21/1998	1 U	1 U	1 U	1 U
MW-23	10/19/1999	1 U	1 U	1 U	1 U
MW-23	11/7/2000	1 U	1 U	1 U	1 U
MW-23	11/8/2001	1 U	1 U	1 U	1 U
MW-24	11/9/1998	**2600**	200 U	200 U	200 U
MW-24	4/29/1999	**1600**	100 U	100 U	100 U
MW-24	10/19/1999	**3000**	100 U	100 U	100 U
MW-24	4/6/2000	**250**	20 U	20 U	20 U
MW-24	11/7/2000	**1200**	50 U	50 U	50 U
MW-24	7/3/2001	**400**	50 U	50 U	50 U
MW-24	11/10/2001	**2100**	50 U	50 U	50 U
MW-24	6/11/2002	**680**	50 U	50 U	50 U
MW-24	5/1/2003	**410**	10 U	10 U	10 U
MW-24	12/8/2003	**81**	10 U	10 U	10 U
MW-24	7/19/2004	**680**	10 U	10 U	10 U
MW-24	12/28/2004	**69**	5.0 U	5.0 U	5.0 U
MW-24	4/8/2005	**44**	2.0 U	2.0 U	2.0 U
MW-24	11/9/2005	**75.6**	2.50 U	2.50 U	2.50 U
MW-24	4/21/2006	**180**	2.5 U	2.5 U	2.5 U
MW-24	1/2/2007	**5.15**	2.5 U	2.5 U	2.5 U
MW-24	5/31/2007	**45.7**	2.5 U	2.5 U	2.5 U
MW-24	11/29/2007	**42**	0.5 U	0.5 U	0.5 U
MW-24	5/1/2008	**8.21**	0.5 U	0.5 U	0.5 U
MW-24	11/1/2008	**51.9**	5 U	5 U	5 U
MW-24	04/22/2009	**8.1**	5 U	5 U	5 U
MW-24	04/30/2010	**11**	2.5 U	2.5 U	2.5 U
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

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	4/15/2020	**9**	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-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

Notes: 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 TestAmerica

ANALYTICAL REPORT

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

Laboratory Job ID: 480-168370-1
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:
4/17/2020 11:27:08 AM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

John Schove, Project Manager II
(716)504-9838
john.schove@testamericainc.com

Table of Contents

Definitions/Glossary

Client: O'Brien & Gere Inc of North America
Job ID: 480-168370-1
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
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)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
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)

Job ID: 480-168370-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-168370-1

Comments
No additional comments.

Receipt
The samples were received on 4/9/2020 8:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.2º 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: 480-168370-1

Client Sample ID: EFFLUENT 040820 - COMP — Lab Sample ID: 480-168370-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	562		10.0	4.0	mg/L	1		SM2540 C	Total/NA

Client Sample ID: BETWEEN CARBONS 040820 — Lab Sample ID: 480-168370-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.8		1.0	0.81	ug/L	1		8260C	Total/NA

Client Sample ID: EFFLUENT 040820 - GRAB — Lab Sample ID: 480-168370-3

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: EFFLUENT 040820 - COMP
Lab Sample ID: 480-168370-1

Date Collected: 04/08/20 11:15
Matrix: Water
Date Received: 04/09/20 08:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**562**		10.0	4.0	mg/L			04/13/20 20:35	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			04/13/20 19:47	1

Client Sample ID: BETWEEN CARBONS 040820
Lab Sample ID: 480-168370-2

Date Collected: 04/08/20 11:15
Matrix: Water
Date Received: 04/09/20 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			04/11/20 04:18	1
cis-1,2-Dichloroethene	**1.8**		1.0	0.81	ug/L			04/11/20 04:18	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/11/20 04:18	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/11/20 04:18	1
Toluene	ND		1.0	0.51	ug/L			04/11/20 04:18	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/11/20 04:18	1
Trichloroethene	ND		1.0	0.46	ug/L			04/11/20 04:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 120*		*04/11/20 04:18*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*04/11/20 04:18*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*04/11/20 04:18*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 123*		*04/11/20 04:18*	*1*

Client Sample ID: EFFLUENT 040820 - GRAB
Lab Sample ID: 480-168370-3

Date Collected: 04/08/20 11:15
Matrix: Water
Date Received: 04/09/20 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			04/11/20 04:42	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/11/20 04:42	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/11/20 04:42	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/11/20 04:42	1
Toluene	ND		1.0	0.51	ug/L			04/11/20 04:42	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/11/20 04:42	1
Trichloroethene	ND		1.0	0.46	ug/L			04/11/20 04:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*77 - 120*		*04/11/20 04:42*	*1*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*04/11/20 04:42*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*04/11/20 04:42*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 123*		*04/11/20 04:42*	*1*

Surrogate Summary

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

Job ID: 480-168370-1

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)
480-168370-2	BETWEEN CARBONS 040820	106	100	98	104
480-168370-3	EFFLUENT 040820 - GRAB	109	97	96	102
LCS 480-525390/6	Lab Control Sample	103	99	98	102
MB 480-525390/9	Method Blank	105	100	98	101

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 480-525390/9
Matrix: Water
Analysis Batch: 525390

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			04/11/20 01:58	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/11/20 01:58	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/11/20 01:58	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/11/20 01:58	1
Toluene	ND		1.0	0.51	ug/L			04/11/20 01:58	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/11/20 01:58	1
Trichloroethene	ND		1.0	0.46	ug/L			04/11/20 01:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*		*04/11/20 01:58*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*04/11/20 01:58*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*04/11/20 01:58*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 123*		*04/11/20 01:58*	*1*

Lab Sample ID: LCS 480-525390/6
Matrix: Water
Analysis Batch: 525390

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	24.3		ug/L		97	76 - 120
cis-1,2-Dichloroethene	25.0	25.2		ug/L		101	74 - 124
Methylene Chloride	25.0	23.9		ug/L		96	75 - 124
Tetrachloroethene	25.0	25.4		ug/L		102	74 - 122
Toluene	25.0	24.3		ug/L		97	80 - 122
trans-1,2-Dichloroethene	25.0	25.4		ug/L		102	73 - 127
Trichloroethene	25.0	26.1		ug/L		104	74 - 123

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

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

Lab Sample ID: MB 480-525712/1
Matrix: Water
Analysis Batch: 525712

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			04/13/20 19:47	1

Lab Sample ID: LCS 480-525712/2
Matrix: Water
Analysis Batch: 525712

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	248	247.6		mg/L		100	88 - 110

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

Job ID: 480-168370-1

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-525718/1
Matrix: Water
Analysis Batch: 525718

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			04/13/20 20:35	1

Lab Sample ID: LCS 480-525718/2
Matrix: Water
Analysis Batch: 525718

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Total Dissolved Solids			504	472.0		mg/L		94	85 - 115		

QC Association Summary

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

Job ID: 480-168370-1

GC/MS VOA

Analysis Batch: 525390

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-168370-2	BETWEEN CARBONS 040820	Total/NA	Water	8260C	
480-168370-3	EFFLUENT 040820 - GRAB	Total/NA	Water	8260C	
MB 480-525390/9	Method Blank	Total/NA	Water	8260C	
LCS 480-525390/6	Lab Control Sample	Total/NA	Water	8260C	

General Chemistry

Analysis Batch: 525712

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-168370-1	EFFLUENT 040820 - COMP	Total/NA	Water	SM 2540D	
MB 480-525712/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-525712/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 525718

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-168370-1	EFFLUENT 040820 - COMP	Total/NA	Water	SM2540 C	
MB 480-525718/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-525718/2	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: 480-168370-1

Client Sample ID: EFFLUENT 040820 - COMP

Lab Sample ID: 480-168370-1

Date Collected: 04/08/20 11:15
Matrix: Water
Date Received: 04/09/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	525712	04/13/20 19:47	E1T	TAL BUF
Total/NA	Analysis	SM2540 C		1	525718	04/13/20 20:35	T1S	TAL BUF

Client Sample ID: BETWEEN CARBONS 040820

Lab Sample ID: 480-168370-2

Date Collected: 04/08/20 11:15
Matrix: Water
Date Received: 04/09/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	525390	04/11/20 04:18	LCH	TAL BUF

Client Sample ID: EFFLUENT 040820 - GRAB

Lab Sample ID: 480-168370-3

Date Collected: 04/08/20 11:15
Matrix: Water
Date Received: 04/09/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	525390	04/11/20 04:42	LCH	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: 480-168370-1
Project/Site: Former Accurate Die Cast

Laboratory: Eurofins TestAmerica, Buffalo

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

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

Method Summary

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

Job ID: 480-168370-1

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: 480-168370-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-168370-1	EFFLUENT 040820 - COMP	Water	04/08/20 11:15	04/09/20 08:00	
480-168370-2	BETWEEN CARBONS 040820	Water	04/08/20 11:15	04/09/20 08:00	
480-168370-3	EFFLUENT 040820 - GRAB	Water	04/08/20 11:15	04/09/20 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: Schove, John R	Carrier Tracking No(s):	COC No: 480-122343-10588.1
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: john.schove@testamericainc.com		Page: Page 1 of 1
Company: O'Brien & Gere Inc of North America				Job #:
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:			
City: East Syracuse	TAT Requested (days):			
State, Zip: NY, 13221				
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 11900114			
Email: Yuri.Veliz@obg.com	WO #:			
Project Name: Former Accurate Die Cast	Project #: 48008584			
Site:	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
T - TSP Dodecahydrate
Acetone
ACAA
pH 4-5
other (specify)

480-168370 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 040820	4-8-20	11:15	C	Water			1	1			
Between Carbons 040820	4-8-20	11:15	G	Water					3		
Effluent 040820	4-8-20	11:15	G	W					3		

Re-
4-8-20

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	4-8-20 / 12:15	OBG	K. ENGLISH	4-8-20, 12:15	SYR
Relinquished by: K. ENGLISH	Date/Time: 4-8-20, 1900	Company SYR	Received by: Cwalker	Date/Time: 4/9/20 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: #2 3.2

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-168370-1

Login Number: 168370

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Yeager, Brian A

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

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ANALYTICAL REPORT

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

Laboratory Job ID: 480-168557-1
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:
4/20/2020 9:02:06 AM
Alexander Gilbert, Project Management Assistant I
alexander.gilbert@testamericainc.com

Designee for

John Schove, Project Manager II
(716)504-9838
john.schove@testamericainc.com

Table of Contents

Definitions/Glossary

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

Job ID: 480-168557-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
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)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
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)

Case Narrative

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

Job ID: 480-168557-1

Job ID: 480-168557-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-168557-1

Comments
No additional comments.

Receipt
The sample was received on 4/14/2020 10:00 AM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.2º 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: 480-168557-1

Client Sample ID: EFFLUENT 041320

Lab Sample ID: 480-168557-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	881		10.0	4.0	mg/L	1		SM2540 C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: O'Brien & Gere Inc of North America
Job ID: 480-168557-1
Project/Site: Former Accurate Die Cast

Client Sample ID: EFFLUENT 041320
Lab Sample ID: 480-168557-1
Date Collected: 04/13/20 07:20
Matrix: Water
Date Received: 04/14/20 10:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**881**		10.0	4.0	mg/L			04/14/20 18:27	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			04/14/20 20:37	1

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

Lab Sample ID: MB 480-525898/1
Matrix: Water
Analysis Batch: 525898

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			04/14/20 20:37	1

Lab Sample ID: LCS 480-525898/2
Matrix: Water
Analysis Batch: 525898

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			267	266.0		mg/L		100	88 - 110		

Lab Sample ID: 480-168557-1 DU
Matrix: Water
Analysis Batch: 525898

Client Sample ID: EFFLUENT 041320
Prep Type: Total/NA

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

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-525890/1
Matrix: Water
Analysis Batch: 525890

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			04/14/20 18:27	1

Lab Sample ID: LCS 480-525890/2
Matrix: Water
Analysis Batch: 525890

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Total Dissolved Solids			504	496.0		mg/L		98	85 - 115		

QC Association Summary

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

Job ID: 480-168557-1

General Chemistry

Analysis Batch: 525890

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-168557-1	EFFLUENT 041320	Total/NA	Water	SM2540 C	
MB 480-525890/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-525890/2	Lab Control Sample	Total/NA	Water	SM2540 C	

Analysis Batch: 525898

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-168557-1	EFFLUENT 041320	Total/NA	Water	SM 2540D	
MB 480-525898/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-525898/2	Lab Control Sample	Total/NA	Water	SM 2540D	
480-168557-1 DU	EFFLUENT 041320	Total/NA	Water	SM 2540D	

Lab Chronicle

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

Job ID: 480-168557-1

Client Sample ID: EFFLUENT 041320
Date Collected: 04/13/20 07:20
Date Received: 04/14/20 10:00

Lab Sample ID: 480-168557-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	525898	04/14/20 20:37	E1T	TAL BUF
Total/NA	Analysis	SM2540 C		1	525890	04/14/20 18:27	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: 480-168557-1
Project/Site: Former Accurate Die Cast

Laboratory: Eurofins TestAmerica, Buffalo

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

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

Method Summary

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

Job ID: 480-168557-1

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: 480-168557-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-168557-1	EFFLUENT 041320	Water	04/13/20 07:20	04/14/20 10:00	

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 TestAmerica

Client Information	Sampler: MARTIN Kuennecke	Lab PM: Schove, John R	Carrier Tracking No(s): Syracuse #225	COC No: 480-122386-10586.1
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: john.schove@testamericainc.com		Page: Page 1 of 1
Company: O'Brien & Gere Inc of North America				Job #:
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:			
City: East Syracuse	TAT Requested (days):			
State, Zip: NY, 13221				
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 11900114			
Email: Yuri.Veliz@obg.com	WO #:			
Project Name: Former Accurate Die Cast	Project #: 48008584			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

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

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	2540D - Total Suspended Solids	2540C_Calcd - Total Dissolved Solids	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	N	N	X	
Effluent 041320	4-13-20	7:20	C	Water			1	1	2	

Rec 4-13-20

480-168557 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 Kuennecke	4-13-20 / 12:25	OBG	Received by: R.ENGLISH	4.13.20, 15:25	Eya
Relinquished by: R.ENGLISH	4-13-20, 19:01	Eya	Received by: Cwalker	4/14/20 1000	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: #2 3.2

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-168557-1

Login Number: 168557
List Number: 1
Creator: Yeager, Brian A

List Source: Eurofins TestAmerica, Buffalo

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

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ANALYTICAL REPORT

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

Laboratory Job ID: 480-168951-1
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:
4/29/2020 9:31:58 AM
Alexander Gilbert, Project Management Assistant I
alexander.gilbert@testamericainc.com

Designee for

John Schove, Project Manager II
(716)504-9838
john.schove@testamericainc.com

Table of Contents

Definitions/Glossary

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

Job ID: 480-168951-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
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)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
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)

Job ID: 480-168951-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-168951-1

Comments
No additional comments.

Receipt
The samples were received on 4/23/2020 8:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.5º C.

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

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

Detection Summary

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

Job ID: 480-168951-1

Client Sample ID: EFFLUENT 042220 — Lab Sample ID: 480-168951-1

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Total Suspended Solids	8.8		4.0	4.0	mg/L	1		SM 2540D	Total/NA
Total Dissolved Solids	448		10.0	4.0	mg/L	1		SM2540 C	Total/NA

Client Sample ID: EFFLUENT 042220 — Lab Sample ID: 480-168951-2

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Client Sample ID: EFFLUENT 042220
Lab Sample ID: 480-168951-1
Date Collected: 04/22/20 10:00
Matrix: Water
Date Received: 04/23/20 08:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	448		10.0	4.0	mg/L			04/23/20 20:27	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	8.8		4.0	4.0	mg/L			04/27/20 19:33	1

Client Sample ID: EFFLUENT 042220
Lab Sample ID: 480-168951-2
Date Collected: 04/22/20 10:00
Matrix: Water
Date Received: 04/23/20 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			04/24/20 06:36	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/24/20 06:36	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/24/20 06:36	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/24/20 06:36	1
Toluene	ND		1.0	0.51	ug/L			04/24/20 06:36	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/24/20 06:36	1
Trichloroethene	ND		1.0	0.46	ug/L			04/24/20 06:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*04/24/20 06:36*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*04/24/20 06:36*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*04/24/20 06:36*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 123*		*04/24/20 06:36*	*1*

Surrogate Summary

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

Job ID: 480-168951-1

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)
480-168951-2	EFFLUENT 042220	102	100	100	101
LCS 480-527688/6	Lab Control Sample	101	100	99	101
MB 480-527688/8	Method Blank	102	99	100	101

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 480-527688/8
Matrix: Water
Analysis Batch: 527688

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			04/24/20 01:38	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/24/20 01:38	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/24/20 01:38	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/24/20 01:38	1
Toluene	ND		1.0	0.51	ug/L			04/24/20 01:38	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/24/20 01:38	1
Trichloroethene	ND		1.0	0.46	ug/L			04/24/20 01:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*04/24/20 01:38*	*1*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*04/24/20 01:38*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*04/24/20 01:38*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 123*		*04/24/20 01:38*	*1*

Lab Sample ID: LCS 480-527688/6
Matrix: Water
Analysis Batch: 527688

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	25.0		ug/L		100	76 - 120
cis-1,2-Dichloroethene	25.0	25.0		ug/L		100	74 - 124
Methylene Chloride	25.0	25.7		ug/L		103	75 - 124
Tetrachloroethene	25.0	25.0		ug/L		100	74 - 122
Toluene	25.0	24.6		ug/L		98	80 - 122
trans-1,2-Dichloroethene	25.0	25.6		ug/L		103	73 - 127
Trichloroethene	25.0	25.6		ug/L		102	74 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*
Toluene-d8 (Surr)	*99*		*80 - 120*
Dibromofluoromethane (Surr)	*101*		*75 - 123*

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

Lab Sample ID: MB 480-528345/1
Matrix: Water
Analysis Batch: 528345

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			04/27/20 19:33	1

Lab Sample ID: LCS 480-528345/2
Matrix: Water
Analysis Batch: 528345

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	265	264.8		mg/L		100	88 - 110

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-527771/1
Matrix: Water
Analysis Batch: 527771

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			04/23/20 20:27	1

Lab Sample ID: LCS 480-527771/2
Matrix: Water
Analysis Batch: 527771

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	504	478.0		mg/L		95	85 - 115

QC Association Summary

Client: O'Brien & Gere Inc of North America
Job ID: 480-168951-1
Project/Site: Former Accurate Die Cast

GC/MS VOA

Analysis Batch: 527688

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-168951-2	EFFLUENT 042220	Total/NA	Water	8260C	
MB 480-527688/8	Method Blank	Total/NA	Water	8260C	
LCS 480-527688/6	Lab Control Sample	Total/NA	Water	8260C	

General Chemistry

Analysis Batch: 527771

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-168951-1	EFFLUENT 042220	Total/NA	Water	SM2540 C	
MB 480-527771/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-527771/2	Lab Control Sample	Total/NA	Water	SM2540 C	

Analysis Batch: 528345

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-168951-1	EFFLUENT 042220	Total/NA	Water	SM 2540D	
MB 480-528345/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-528345/2	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: 480-168951-1

Client Sample ID: EFFLUENT 042220

Lab Sample ID: 480-168951-1

Date Collected: 04/22/20 10:00

Matrix: Water

Date Received: 04/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	528345	04/27/20 19:33	E1T	TAL BUF
Total/NA	Analysis	SM2540 C		1	527771	04/23/20 20:27	CSS	TAL BUF

Client Sample ID: EFFLUENT 042220

Lab Sample ID: 480-168951-2

Date Collected: 04/22/20 10:00

Matrix: Water

Date Received: 04/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	527688	04/24/20 06:36	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: 480-168951-1
Project/Site: Former Accurate Die Cast

Laboratory: Eurofins TestAmerica, Buffalo

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

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

Method Summary

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

Job ID: 480-168951-1

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: 480-168951-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-168951-1	EFFLUENT 042220	Water	04/22/20 10:00	04/23/20 08:00	
480-168951-2	EFFLUENT 042220	Water	04/22/20 10:00	04/23/20 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 KOENNEKE	Lab PM: Schove, John R	Carrier Tracking No(s): #225	COC No: 480-122359-10587.1
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: john.schove@testamericainc.com		Page: Page 1 of 1
Company: O'Brien & Gere Inc of North America		Analysis Requested		Job #:
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:			Preservation Codes:
City: East Syracuse	TAT Requested (days):			A - HCL, B - NaOH, C - 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)
State, Zip: NY, 13221				
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 11900114			
Email: Yuri.Veliz@obg.com	WO #:			
Project Name: Former Accurate Die Cast	Project #: 48008584			
Site:	SSOW#:			Other:

480-168951 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 conta	Special Instructions/Note:
			Preservation Code:				N	N	A		
Effluent 042220	4-22-20	10:00	C	Water			1	1		2	
Effluent 042220	4-22-20	10:00	G	W					3	3	

RS 4-22-20

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

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

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

Special Instructions/QC Requirements:

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

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	Martin Koenneke	4-22-20 / 11:20	OBG		4/22/20 11:20	ES-SYR
2	RENglish	4-22-20 / 1905	OBG		4/23/20 0800	TAB
3						

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

Cooler Temperature(s) °C and Other Remarks: #1 2.5

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-168951-1

Login Number: 168951
List Number: 1
Creator: Yeager, Brian A

List Source: Eurofins TestAmerica, Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	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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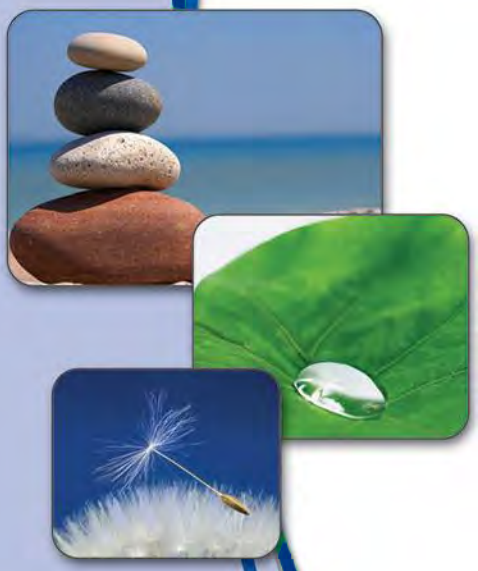

ANALYTICAL REPORT

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

Laboratory Job ID: 480-169150-1
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:
5/4/2020 8:12:04 AM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

John Schove, Project Manager II
(716)504-9838
john.schove@testamericainc.com

Table of Contents

Definitions/Glossary

Client: O'Brien & Gere Inc of North America
Job ID: 480-169150-1
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
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)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
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)

Case Narrative

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

Job ID: 480-169150-1

Job ID: 480-169150-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-169150-1

Comments
No additional comments.

Receipt
The sample was received on 4/28/2020 8:00 AM; the sample arrived in good condition, properly preserved and, where required, on ice.
The temperature of the cooler at receipt was 2.4° C.

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

Detection Summary

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

Job ID: 480-169150-1

Client Sample ID: EFFLUENT 042720

Lab Sample ID: 480-169150-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	593		10.0	4.0	mg/L	1		SM2540 C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: O'Brien & Gere Inc of North America
Job ID: 480-169150-1
Project/Site: Former Accurate Die Cast

Client Sample ID: EFFLUENT 042720
Lab Sample ID: 480-169150-1
Date Collected: 04/27/20 07:10
Matrix: Water
Date Received: 04/28/20 08:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**593**		10.0	4.0	mg/L			04/29/20 10:25	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			04/29/20 19:40	1

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

Job ID: 480-169150-1

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

Lab Sample ID: MB 480-528844/1
Matrix: Water
Analysis Batch: 528844

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			04/29/20 19:40	1

Lab Sample ID: LCS 480-528844/2
Matrix: Water
Analysis Batch: 528844

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	241	240.8		mg/L		100	88 - 110

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-528690/1
Matrix: Water
Analysis Batch: 528690

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			04/29/20 10:25	1

Lab Sample ID: LCS 480-528690/2
Matrix: Water
Analysis Batch: 528690

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	471.0		mg/L		93	85 - 115

QC Association Summary

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

Job ID: 480-169150-1

General Chemistry

Analysis Batch: 528690

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-169150-1	EFFLUENT 042720	Total/NA	Water	SM2540 C	
MB 480-528690/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-528690/2	Lab Control Sample	Total/NA	Water	SM2540 C	

Analysis Batch: 528844

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-169150-1	EFFLUENT 042720	Total/NA	Water	SM 2540D	
MB 480-528844/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-528844/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Job ID: 480-169150-1
Project/Site: Former Accurate Die Cast

Client Sample ID: EFFLUENT 042720
Lab Sample ID: 480-169150-1
Date Collected: 04/27/20 07:10
Matrix: Water
Date Received: 04/28/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	528844	04/29/20 19:40	CSS	TAL BUF
Total/NA	Analysis	SM2540 C		1	528690	04/29/20 10:25	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: 480-169150-1
Project/Site: Former Accurate Die Cast

Laboratory: Eurofins TestAmerica, Buffalo

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

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

Method Summary

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

Job ID: 480-169150-1

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: 480-169150-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-169150-1	EFFLUENT 042720	Water	04/27/20 07:10	04/28/20 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: Schove, John R	Carrier Tracking No(s):	COC No: 480-122387-10586.1
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: john.schove@testamericainc.com		Page: Page 1 of 1
Company: O'Brien & Gere Inc of North America				Job #:

Address: 333 West Washington St. PO BOX 4873	Due Date Requested:	Analysis Requested	Preservation Codes:
City: East Syracuse	TAT Requested (days):		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, ...P Dodecahydrate, ...etone, ...AA, ...l 4-5, ...er (specify)
State, Zip: NY, 13221			
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 11900114		
Email: Yuri.Veliz@obg.com	WO #:		
Project Name: Former Accurate Die Cast	Project #: 48008584		
Site:	SSOW#:		

480-169150 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 Num	Special Instructions/Note:
			Preservation Code:		X	X	N	N	X	
Effluent 042720	4-27-20	7:10	C	Water			1	1	2	

RE 4.27.20

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	4-27-20 / 10:50	OBG	R.English	4-27-20, 10:50	Eya
Relinquished by: R.English	Date/Time: 4-27-20, 19:00	Company Eya	Received by: C.Wallace	Date/Time: 4/28/20 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 2.4

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-169150-1

Login Number: 169150

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Yeager, Brian A

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

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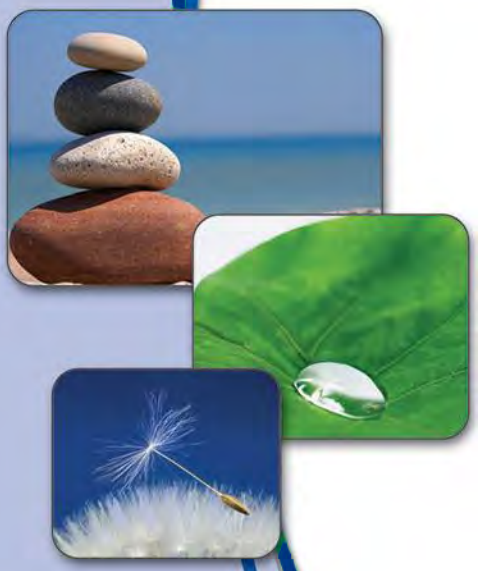

ANALYTICAL REPORT

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

Laboratory Job ID: 480-169638-1
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:
5/14/2020 10:32:45 AM
Alexander Gilbert, Project Management Assistant I
alexander.gilbert@testamericainc.com

Designee for

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Table of Contents

Definitions/Glossary

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

Job ID: 480-169638-1

Qualifiers

GC/MS VOA

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
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)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
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)

Job ID: 480-169638-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-169638-1

Comments
No additional comments.

Receipt
The samples were received on 5/8/2020 8:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.1° C.

GC/MS VOA
Method 8260C: The continuing calibration verification (CCV) associated with batch 480-531099 recovered above the upper control limit for Carbon tetrachloride. The samples associated with this CCV were non-detect for the affected analyte; therefore, the data have been reported. The associated samples are impacted: BETWEEN CARBONS 050720 (480-169638-2) and EFFLUENT 050720 (480-169638-3).

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

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

Detection Summary

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

Job ID: 480-169638-1

Client Sample ID: EFFLUENT 050720 C — Lab Sample ID: 480-169638-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	686		10.0	4.0	mg/L	1		SM2540 C	Total/NA

Client Sample ID: BETWEEN CARBONS 050720 — Lab Sample ID: 480-169638-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.34	J	1.0	0.34	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	3.0		1.0	0.81	ug/L	1		8260C	Total/NA
Trichloroethene	3.1		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: EFFLUENT 050720 — Lab Sample ID: 480-169638-3

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: EFFLUENT 050720 C
Lab Sample ID: 480-169638-1
Date Collected: 05/07/20 07:20
Matrix: Water
Date Received: 05/08/20 08:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**686**		10.0	4.0	mg/L			05/08/20 23:58	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			05/09/20 07:34	1

Client Sample ID: BETWEEN CARBONS 050720
Lab Sample ID: 480-169638-2
Date Collected: 05/07/20 07:20
Matrix: Water
Date Received: 05/08/20 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			05/12/20 13:27	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/12/20 13:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			05/12/20 13:27	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/12/20 13:27	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/12/20 13:27	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/12/20 13:27	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/12/20 13:27	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			05/12/20 13:27	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			05/12/20 13:27	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/12/20 13:27	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/12/20 13:27	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/12/20 13:27	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/12/20 13:27	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/12/20 13:27	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/12/20 13:27	1
2-Hexanone	ND		5.0	1.2	ug/L			05/12/20 13:27	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/12/20 13:27	1
Acetone	ND		10	3.0	ug/L			05/12/20 13:27	1
Benzene	ND		1.0	0.41	ug/L			05/12/20 13:27	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/12/20 13:27	1
Bromoform	ND		1.0	0.26	ug/L			05/12/20 13:27	1
Bromomethane	ND		1.0	0.69	ug/L			05/12/20 13:27	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/12/20 13:27	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/12/20 13:27	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/12/20 13:27	1
Chloroethane	ND		1.0	0.32	ug/L			05/12/20 13:27	1
Chloroform	**0.34**	**J**	1.0	0.34	ug/L			05/12/20 13:27	1
Chloromethane	ND		1.0	0.35	ug/L			05/12/20 13:27	1
cis-1,2-Dichloroethene	**3.0**		1.0	0.81	ug/L			05/12/20 13:27	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/12/20 13:27	1
Cyclohexane	ND		1.0	0.18	ug/L			05/12/20 13:27	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/12/20 13:27	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			05/12/20 13:27	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/12/20 13:27	1
Isopropylbenzene	ND		1.0	0.79	ug/L			05/12/20 13:27	1
Methyl acetate	ND		2.5	1.3	ug/L			05/12/20 13:27	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/12/20 13:27	1
Methylcyclohexane	ND		1.0	0.16	ug/L			05/12/20 13:27	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/12/20 13:27	1
Styrene	ND		1.0	0.73	ug/L			05/12/20 13:27	1

Client Sample ID: BETWEEN CARBONS 050720

Lab Sample ID: 480-169638-2

Date Collected: 05/07/20 07:20

Matrix: Water

Date Received: 05/08/20 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			05/12/20 13:27	1
Toluene	ND		1.0	0.51	ug/L			05/12/20 13:27	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/12/20 13:27	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/12/20 13:27	1
Trichloroethene	**3.1**		1.0	0.46	ug/L			05/12/20 13:27	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			05/12/20 13:27	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/12/20 13:27	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/12/20 13:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*77 - 120*		*05/12/20 13:27*	*1*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*05/12/20 13:27*	*1*
Dibromofluoromethane (Surr)	*107*		*75 - 123*		*05/12/20 13:27*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*05/12/20 13:27*	*1*

Client Sample ID: EFFLUENT 050720

Lab Sample ID: 480-169638-3

Date Collected: 05/07/20 07:20

Matrix: Water

Date Received: 05/08/20 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			05/12/20 13:51	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/12/20 13:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			05/12/20 13:51	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/12/20 13:51	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/12/20 13:51	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/12/20 13:51	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/12/20 13:51	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			05/12/20 13:51	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			05/12/20 13:51	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/12/20 13:51	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/12/20 13:51	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/12/20 13:51	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/12/20 13:51	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/12/20 13:51	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/12/20 13:51	1
2-Hexanone	ND		5.0	1.2	ug/L			05/12/20 13:51	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/12/20 13:51	1
Acetone	ND		10	3.0	ug/L			05/12/20 13:51	1
Benzene	ND		1.0	0.41	ug/L			05/12/20 13:51	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/12/20 13:51	1
Bromoform	ND		1.0	0.26	ug/L			05/12/20 13:51	1
Bromomethane	ND		1.0	0.69	ug/L			05/12/20 13:51	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/12/20 13:51	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/12/20 13:51	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/12/20 13:51	1
Chloroethane	ND		1.0	0.32	ug/L			05/12/20 13:51	1
Chloroform	ND		1.0	0.34	ug/L			05/12/20 13:51	1
Chloromethane	ND		1.0	0.35	ug/L			05/12/20 13:51	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/12/20 13:51	1

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

Job ID: 480-169638-1

Client Sample ID: EFFLUENT 050720
Date Collected: 05/07/20 07:20
Date Received: 05/08/20 08:00

Lab Sample ID: 480-169638-3
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			05/12/20 13:51	1
Cyclohexane	ND		1.0	0.18	ug/L			05/12/20 13:51	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/12/20 13:51	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			05/12/20 13:51	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/12/20 13:51	1
Isopropylbenzene	ND		1.0	0.79	ug/L			05/12/20 13:51	1
Methyl acetate	ND		2.5	1.3	ug/L			05/12/20 13:51	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/12/20 13:51	1
Methylcyclohexane	ND		1.0	0.16	ug/L			05/12/20 13:51	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/12/20 13:51	1
Styrene	ND		1.0	0.73	ug/L			05/12/20 13:51	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/12/20 13:51	1
Toluene	ND		1.0	0.51	ug/L			05/12/20 13:51	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/12/20 13:51	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/12/20 13:51	1
Trichloroethene	ND		1.0	0.46	ug/L			05/12/20 13:51	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			05/12/20 13:51	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/12/20 13:51	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/12/20 13:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*77 - 120*		*05/12/20 13:51*	*1*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*05/12/20 13:51*	*1*
Dibromofluoromethane (Surr)	*108*		*75 - 123*		*05/12/20 13:51*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*05/12/20 13:51*	*1*

Surrogate Summary

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

Job ID: 480-169638-1

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)
480-169638-2	BETWEEN CARBONS 050720	111	106	107	99
480-169638-3	EFFLUENT 050720	114	106	108	98
LCS 480-531099/5	Lab Control Sample	111	109	108	103
MB 480-531099/7	Method Blank	109	105	107	100

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 480-531099/7
Matrix: Water
Analysis Batch: 531099

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			05/12/20 11:14	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			05/12/20 11:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			05/12/20 11:14	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			05/12/20 11:14	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			05/12/20 11:14	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			05/12/20 11:14	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			05/12/20 11:14	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			05/12/20 11:14	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			05/12/20 11:14	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			05/12/20 11:14	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			05/12/20 11:14	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			05/12/20 11:14	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			05/12/20 11:14	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			05/12/20 11:14	1
2-Butanone (MEK)	ND		10	1.3	ug/L			05/12/20 11:14	1
2-Hexanone	ND		5.0	1.2	ug/L			05/12/20 11:14	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			05/12/20 11:14	1
Acetone	ND		10	3.0	ug/L			05/12/20 11:14	1
Benzene	ND		1.0	0.41	ug/L			05/12/20 11:14	1
Bromodichloromethane	ND		1.0	0.39	ug/L			05/12/20 11:14	1
Bromoform	ND		1.0	0.26	ug/L			05/12/20 11:14	1
Bromomethane	ND		1.0	0.69	ug/L			05/12/20 11:14	1
Carbon disulfide	ND		1.0	0.19	ug/L			05/12/20 11:14	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			05/12/20 11:14	1
Chlorobenzene	ND		1.0	0.75	ug/L			05/12/20 11:14	1
Chloroethane	ND		1.0	0.32	ug/L			05/12/20 11:14	1
Chloroform	ND		1.0	0.34	ug/L			05/12/20 11:14	1
Chloromethane	ND		1.0	0.35	ug/L			05/12/20 11:14	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/12/20 11:14	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			05/12/20 11:14	1
Cyclohexane	ND		1.0	0.18	ug/L			05/12/20 11:14	1
Dibromochloromethane	ND		1.0	0.32	ug/L			05/12/20 11:14	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			05/12/20 11:14	1
Ethylbenzene	ND		1.0	0.74	ug/L			05/12/20 11:14	1
Isopropylbenzene	ND		1.0	0.79	ug/L			05/12/20 11:14	1
Methyl acetate	ND		2.5	1.3	ug/L			05/12/20 11:14	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			05/12/20 11:14	1
Methylcyclohexane	ND		1.0	0.16	ug/L			05/12/20 11:14	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/12/20 11:14	1
Styrene	ND		1.0	0.73	ug/L			05/12/20 11:14	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/12/20 11:14	1
Toluene	ND		1.0	0.51	ug/L			05/12/20 11:14	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/12/20 11:14	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			05/12/20 11:14	1
Trichloroethene	ND		1.0	0.46	ug/L			05/12/20 11:14	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			05/12/20 11:14	1
Vinyl chloride	ND		1.0	0.90	ug/L			05/12/20 11:14	1
Xylenes, Total	ND		2.0	0.66	ug/L			05/12/20 11:14	1

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

Lab Sample ID: MB 480-531099/7
Matrix: Water
Analysis Batch: 531099

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		77 - 120		05/12/20 11:14	1
4-Bromofluorobenzene (Surr)	105		73 - 120		05/12/20 11:14	1
Dibromofluoromethane (Surr)	107		75 - 123		05/12/20 11:14	1
Toluene-d8 (Surr)	100		80 - 120		05/12/20 11:14	1

Lab Sample ID: LCS 480-531099/5
Matrix: Water
Analysis Batch: 531099

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	27.8		ug/L		111	73 - 126
1,1,2,2-Tetrachloroethane	25.0	24.4		ug/L		98	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	25.2		ug/L		101	61 - 148
1,1,2-Trichloroethane	25.0	24.3		ug/L		97	76 - 122
1,1-Dichloroethane	25.0	24.0		ug/L		96	77 - 120
1,1-Dichloroethene	25.0	24.7		ug/L		99	66 - 127
1,2,4-Trichlorobenzene	25.0	28.5		ug/L		114	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	26.8		ug/L		107	56 - 134
1,2-Dibromoethane	25.0	26.4		ug/L		106	77 - 120
1,2-Dichlorobenzene	25.0	26.6		ug/L		106	80 - 124
1,2-Dichloroethane	25.0	26.4		ug/L		106	75 - 120
1,2-Dichloropropane	25.0	24.3		ug/L		97	76 - 120
1,3-Dichlorobenzene	25.0	26.4		ug/L		106	77 - 120
1,4-Dichlorobenzene	25.0	25.8		ug/L		103	80 - 120
2-Butanone (MEK)	125	119		ug/L		95	57 - 140
2-Hexanone	125	122		ug/L		98	65 - 127
4-Methyl-2-pentanone (MIBK)	125	118		ug/L		94	71 - 125
Acetone	125	109		ug/L		87	56 - 142
Benzene	25.0	24.6		ug/L		98	71 - 124
Bromodichloromethane	25.0	27.1		ug/L		108	80 - 122
Bromoform	25.0	29.5		ug/L		118	61 - 132
Bromomethane	25.0	23.3		ug/L		93	55 - 144
Carbon disulfide	25.0	24.1		ug/L		96	59 - 134
Carbon tetrachloride	25.0	28.4		ug/L		114	72 - 134
Chlorobenzene	25.0	25.3		ug/L		101	80 - 120
Chloroethane	25.0	20.6		ug/L		82	69 - 136
Chloroform	25.0	25.2		ug/L		101	73 - 127
Chloromethane	25.0	22.5		ug/L		90	68 - 124
cis-1,2-Dichloroethene	25.0	24.8		ug/L		99	74 - 124
cis-1,3-Dichloropropene	25.0	28.7		ug/L		115	74 - 124
Cyclohexane	25.0	24.6		ug/L		98	59 - 135
Dibromochloromethane	25.0	27.7		ug/L		111	75 - 125
Dichlorodifluoromethane	25.0	29.2		ug/L		117	59 - 135
Ethylbenzene	25.0	26.3		ug/L		105	77 - 123
Isopropylbenzene	25.0	29.1		ug/L		116	77 - 122
Methyl acetate	50.0	44.3		ug/L		89	74 - 133
Methyl tert-butyl ether	25.0	27.2		ug/L		109	77 - 120
Methylcyclohexane	25.0	26.7		ug/L		107	68 - 134

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

Lab Sample ID: LCS 480-531099/5
Matrix: Water
Analysis Batch: 531099

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	25.0	25.5		ug/L		102	75 - 124
Styrene	25.0	28.6		ug/L		115	80 - 120
Tetrachloroethene	25.0	26.8		ug/L		107	74 - 122
Toluene	25.0	24.9		ug/L		99	80 - 122
trans-1,2-Dichloroethene	25.0	24.8		ug/L		99	73 - 127
trans-1,3-Dichloropropene	25.0	27.5		ug/L		110	80 - 120
Trichloroethene	25.0	26.8		ug/L		107	74 - 123
Trichlorofluoromethane	25.0	28.3		ug/L		113	62 - 150
Vinyl chloride	25.0	24.4		ug/L		98	65 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*111*		*77 - 120*
4-Bromofluorobenzene (Surr)	*109*		*73 - 120*
Dibromofluoromethane (Surr)	*108*		*75 - 123*
Toluene-d8 (Surr)	*103*		*80 - 120*

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

Lab Sample ID: MB 480-530665/1
Matrix: Water
Analysis Batch: 530665

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			05/09/20 07:34	1

Lab Sample ID: LCS 480-530665/2
Matrix: Water
Analysis Batch: 530665

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	282	274.8		mg/L		98	88 - 110

Lab Sample ID: 480-169638-1 DU
Matrix: Water
Analysis Batch: 530665

Client Sample ID: EFFLUENT 050720 C
Prep Type: Total/NA

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

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-530628/1
Matrix: Water
Analysis Batch: 530628

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			05/08/20 23:58	1

Method: SM2540 C - Total Dissolved Solids (Continued)

Lab Sample ID: LCS 480-530628/2
Matrix: Water
Analysis Batch: 530628

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	510.0		mg/L		102	85 - 115

QC Association Summary

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

Job ID: 480-169638-1

GC/MS VOA

Analysis Batch: 531099

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-169638-2	BETWEEN CARBONS 050720	Total/NA	Water	8260C	
480-169638-3	EFFLUENT 050720	Total/NA	Water	8260C	
MB 480-531099/7	Method Blank	Total/NA	Water	8260C	
LCS 480-531099/5	Lab Control Sample	Total/NA	Water	8260C	

General Chemistry

Analysis Batch: 530628

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-169638-1	EFFLUENT 050720 C	Total/NA	Water	SM2540 C	
MB 480-530628/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-530628/2	Lab Control Sample	Total/NA	Water	SM2540 C	

Analysis Batch: 530665

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-169638-1	EFFLUENT 050720 C	Total/NA	Water	SM 2540D	
MB 480-530665/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-530665/2	Lab Control Sample	Total/NA	Water	SM 2540D	
480-169638-1 DU	EFFLUENT 050720 C	Total/NA	Water	SM 2540D	

Lab Chronicle

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

Job ID: 480-169638-1

Client Sample ID: EFFLUENT 050720 C

Lab Sample ID: 480-169638-1
Matrix: Water
Date Collected: 05/07/20 07:20
Date Received: 05/08/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	530665	05/09/20 07:34	CSS	TAL BUF
Total/NA	Analysis	SM2540 C		1	530628	05/08/20 23:58	CSS	TAL BUF

Client Sample ID: BETWEEN CARBONS 050720

Lab Sample ID: 480-169638-2
Matrix: Water
Date Collected: 05/07/20 07:20
Date Received: 05/08/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	531099	05/12/20 13:27	CRL	TAL BUF

Client Sample ID: EFFLUENT 050720

Lab Sample ID: 480-169638-3
Matrix: Water
Date Collected: 05/07/20 07:20
Date Received: 05/08/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	531099	05/12/20 13:51	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: 480-169638-1
Project/Site: Former Accurate Die Cast

Laboratory: Eurofins TestAmerica, Buffalo

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

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

Method Summary

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

Job ID: 480-169638-1

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: 480-169638-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-169638-1	EFFLUENT 050720 C	Water	05/07/20 07:20	05/08/20 08:00	
480-169638-2	BETWEEN CARBONS 050720	Water	05/07/20 07:20	05/08/20 08:00	
480-169638-3	EFFLUENT 050720	Water	05/07/20 07:20	05/08/20 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: Schove, John R	Carrier Tracking No(s): #225	COC No: 480-145289-10588.1
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: john.schove@testamericainc.com		Page: Page 1 of 1
Company: O'Brien & Gere Inc of North America		Analysis Requested		Job #:
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:			Preservation Codes:
City: East Syracuse	TAT Requested (days):			A - HCL, B - NaOH, C - Zn Acetate, D - 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)
State, Zip: NY, 13221				Other:
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 11900114			
Email: Yuri.Veliz@obg.com	WO #:			
Project Name: Former Accurate Die Cast	Project #: 48008584			
Site:	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	8260C - Volatile Organic Compounds	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	N	N	A	X	
Effluent 050720	5-7-20	7:20	C	Water			1	1		2	
Between Carbons 050720	5-7-20	7:20	G	Water					3	3	
Effluent 050720	5-7-20	7:20	G	water					3	3	
		5-7-20		AP							

480-169638 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	5-7-20 / 12:00	OBG		5/7/20 1700	ESNLC
2	RELINQ 4	5-7-20, 19:00	FedEx			
3					5/8/20 0900	ESNLC

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.1 #1

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-169638-1

Login Number: 169638
List Number: 1
Creator: Yeager, Brian A

List Source: Eurofins TestAmerica, Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.1 #1 ICE
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	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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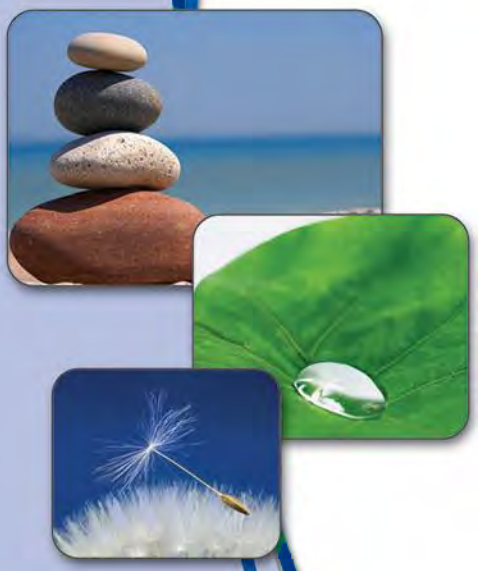

ANALYTICAL REPORT

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

Laboratory Job ID: 480-169784-1
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:
5/18/2020 11:32:35 AM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

John Schove, Project Manager II
(716)504-9838
john.schove@testamericainc.com

Table of Contents

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
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)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
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)

Job ID: 480-169784-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-169784-1

Comments
No additional comments.

Receipt
The sample was received on 5/12/2020 8:00 AM; the sample arrived in good condition, properly preserved and, where required, on ice.
The temperature of the cooler at receipt was 3.5º C.

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

Detection Summary

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

Job ID: 480-169784-1

Client Sample ID: EFFLUENT 051120

Lab Sample ID: 480-169784-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	662		10.0	4.0	mg/L	1		SM2540 C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: O'Brien & Gere Inc of North America
Job ID: 480-169784-1
Project/Site: Former Accurate Die Cast

Client Sample ID: EFFLUENT 051120
Lab Sample ID: 480-169784-1
Date Collected: 05/11/20 07:00
Matrix: Water
Date Received: 05/12/20 08:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**662**		10.0	4.0	mg/L			05/12/20 22:00	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			05/13/20 09:48	1

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

Job ID: 480-169784-1

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

Lab Sample ID: MB 480-531389/1
Matrix: Water
Analysis Batch: 531389

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			05/13/20 09:48	1

Lab Sample ID: LCS 480-531389/2
Matrix: Water
Analysis Batch: 531389

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	268	252.4		mg/L		94	88 - 110

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-531291/1
Matrix: Water
Analysis Batch: 531291

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			05/12/20 22:00	1

Lab Sample ID: LCS 480-531291/2
Matrix: Water
Analysis Batch: 531291

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	503.0		mg/L		100	85 - 115

QC Association Summary

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

Job ID: 480-169784-1

General Chemistry

Analysis Batch: 531291

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-169784-1	EFFLUENT 051120	Total/NA	Water	SM2540 C	
MB 480-531291/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-531291/2	Lab Control Sample	Total/NA	Water	SM2540 C	

Analysis Batch: 531389

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-169784-1	EFFLUENT 051120	Total/NA	Water	SM 2540D	
MB 480-531389/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-531389/2	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: 480-169784-1

Client Sample ID: EFFLUENT 051120
Date Collected: 05/11/20 07:00
Date Received: 05/12/20 08:00

Lab Sample ID: 480-169784-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	531389	05/13/20 09:48	BSF	TAL BUF
Total/NA	Analysis	SM2540 C		1	531291	05/12/20 22:00	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: 480-169784-1
Project/Site: Former Accurate Die Cast

Laboratory: Eurofins TestAmerica, Buffalo

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

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

Method Summary

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

Job ID: 480-169784-1

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: 480-169784-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-169784-1	EFFLUENT 051120	Water	05/11/20 07:00	05/12/20 08:00	

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

Chain of Custody Record

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Client Information	Sampler: MARTIN Koernecker	Lab PM: Schove, John R	Carrier Tracking No(s): Syracuse #225	COC No: 480-145317-10586.1
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: john.schove@testamericainc.com		Page: Page 1 of 1
Company: O'Brien & Gere Inc of North America		Analysis Requested		Job #:
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:			Preservation Codes:
City: East Syracuse	TAT Requested (days):			
State, Zip: NY, 13221				
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 11900114			
Email: Yuri.Veliz@obg.com	WO #:			
Project Name: Former Accurate Die Cast	Project #: 48008584			
Site:	SSOW#:			Other:

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)

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 051120	5-11-20	7:00	C	Water			1	1	2	

RE 5-11-20

480-169784 Chain of Custody

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Martin Koernecker	5-11-20 / 13:10	OBG	[signature]	5/11/20 1310	ES-SYR
R. Craighill	5-11-20, 19:00	[signature]			
			[signature]	5/12/20 0800	TA-B

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

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-169784-1

Login Number: 169784

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	3.5 #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.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	obg
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

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ANALYTICAL REPORT

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

Laboratory Job ID: 480-170091-1
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:
5/22/2020 9:50:47 AM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

John Schove, Project Manager II
(716)504-9838
john.schove@testamericainc.com

Table of Contents

Definitions/Glossary

Client: O'Brien & Gere Inc of North America
Job ID: 480-170091-1
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
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)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
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)

Job ID: 480-170091-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-170091-1

Comments
No additional comments.

Receipt
The samples were received on 5/19/2020 10:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.4° C.

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

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

Detection Summary

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

Job ID: 480-170091-1

Client Sample ID: EFFLUENT 051820 - COMP

Lab Sample ID: 480-170091-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	699		10.0	4.0	mg/L	1		SM2540 C	Total/NA

Client Sample ID: EFFLUENT 051820 - GRAB

Lab Sample ID: 480-170091-2

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: EFFLUENT 051820 - COMP

Lab Sample ID: 480-170091-1
Date Collected: 05/18/20 07:15
Matrix: Wastewater
Date Received: 05/19/20 08:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**699**		10.0	4.0	mg/L			05/19/20 15:55	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			05/20/20 11:54	1

Client Sample ID: EFFLUENT 051820 - GRAB

Lab Sample ID: 480-170091-2
Date Collected: 05/18/20 07:15
Matrix: Wastewater
Date Received: 05/19/20 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			05/21/20 02:30	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/21/20 02:30	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/21/20 02:30	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/21/20 02:30	1
Toluene	ND		1.0	0.51	ug/L			05/21/20 02:30	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/21/20 02:30	1
Trichloroethene	ND		1.0	0.46	ug/L			05/21/20 02:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*77 - 120*		*05/21/20 02:30*	*1*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*05/21/20 02:30*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*05/21/20 02:30*	*1*
Dibromofluoromethane (Surr)	*109*		*75 - 123*		*05/21/20 02:30*	*1*

Surrogate Summary

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

Job ID: 480-170091-1

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)
480-170091-2	EFFLUENT 051820 - GRAB	118	101	104	109

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(80-120)	(75-123)
LCS 480-532681/6	Lab Control Sample	107	97	104	97
MB 480-532681/8	Method Blank	118	107	109	111

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 480-532681/8
Matrix: Water
Analysis Batch: 532681

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			05/20/20 23:37	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			05/20/20 23:37	1
Methylene Chloride	ND		1.0	0.44	ug/L			05/20/20 23:37	1
Tetrachloroethene	ND		1.0	0.36	ug/L			05/20/20 23:37	1
Toluene	ND		1.0	0.51	ug/L			05/20/20 23:37	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			05/20/20 23:37	1
Trichloroethene	ND		1.0	0.46	ug/L			05/20/20 23:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*77 - 120*		*05/20/20 23:37*	*1*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*		*05/20/20 23:37*	*1*
Toluene-d8 (Surr)	*109*		*80 - 120*		*05/20/20 23:37*	*1*
Dibromofluoromethane (Surr)	*111*		*75 - 123*		*05/20/20 23:37*	*1*

Lab Sample ID: LCS 480-532681/6
Matrix: Water
Analysis Batch: 532681

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	25.6		ug/L		102	76 - 120
cis-1,2-Dichloroethene	25.0	22.6		ug/L		90	74 - 124
Methylene Chloride	25.0	23.2		ug/L		93	75 - 124
Tetrachloroethene	25.0	29.5		ug/L		118	74 - 122
Toluene	25.0	24.9		ug/L		100	80 - 122
trans-1,2-Dichloroethene	25.0	22.8		ug/L		91	73 - 127
Trichloroethene	25.0	24.6		ug/L		98	74 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*77 - 120*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*
Toluene-d8 (Surr)	*104*		*80 - 120*
Dibromofluoromethane (Surr)	*97*		*75 - 123*

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

Lab Sample ID: MB 480-532684/1
Matrix: Water
Analysis Batch: 532684

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			05/20/20 11:54	1

Lab Sample ID: LCS 480-532684/2
Matrix: Water
Analysis Batch: 532684

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	258	253.6		mg/L		98	88 - 110

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

Job ID: 480-170091-1

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-532520/1
Matrix: Water
Analysis Batch: 532520

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			05/19/20 15:55	1

Lab Sample ID: LCS 480-532520/2
Matrix: Water
Analysis Batch: 532520

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	503	516.0		mg/L		103	85 - 115

QC Association Summary

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

Job ID: 480-170091-1

GC/MS VOA

Analysis Batch: 532681

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-170091-2	EFFLUENT 051820 - GRAB	Total/NA	Wastewater	8260C	
MB 480-532681/8	Method Blank	Total/NA	Water	8260C	
LCS 480-532681/6	Lab Control Sample	Total/NA	Water	8260C	

General Chemistry

Analysis Batch: 532520

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-170091-1	EFFLUENT 051820 - COMP	Total/NA	Wastewater	SM2540 C	
MB 480-532520/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-532520/2	Lab Control Sample	Total/NA	Water	SM2540 C	

Analysis Batch: 532684

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-170091-1	EFFLUENT 051820 - COMP	Total/NA	Wastewater	SM 2540D	
MB 480-532684/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-532684/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Job ID: 480-170091-1
Project/Site: Former Accurate Die Cast

Client Sample ID: EFFLUENT 051820 - COMP
Lab Sample ID: 480-170091-1

Date Collected: 05/18/20 07:15
Matrix: Wastewater
Date Received: 05/19/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	532684	05/20/20 11:54	BSF	TAL BUF
Total/NA	Analysis	SM2540 C		1	532520	05/19/20 15:55	E1T	TAL BUF

Client Sample ID: EFFLUENT 051820 - GRAB
Lab Sample ID: 480-170091-2

Date Collected: 05/18/20 07:15
Matrix: Wastewater
Date Received: 05/19/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	532681	05/21/20 02:30	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: 480-170091-1
Project/Site: Former Accurate Die Cast

Laboratory: Eurofins TestAmerica, Buffalo

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

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

Method Summary

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

Job ID: 480-170091-1

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: 480-170091-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-170091-1	EFFLUENT 051820 - COMP	Wastewater	05/18/20 07:15	05/19/20 08:00	
480-170091-2	EFFLUENT 051820 - GRAB	Wastewater	05/18/20 07:15	05/19/20 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 TestAmerica

Syracuse

Client Information	Sampler: MARTIN KOERNECKE	Lab PM: Schove, John R	Carrier Tracking No(s): #225	COC No: 480-122359-10587.1
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: john.schove@testamericainc.com		Page: Page 1 of 1
Company: O'Brien & Gere Inc of North America		Analysis Requested		Job #:
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:			Preservation Codes:
City: East Syracuse	TAT Requested (days):			
State, Zip: NY, 13221				
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 11900114			
Email: Yuri.Veliz@obg.com	WO #:			
Project Name: Former Accurate Die Cast	Project #: 48008584			
Site:	SSOW#:			Other:

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)

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:	X	X	N	N	A	X	
Effluent 051820	5-18-20	1715	C	Water			1	1			
EFFLUENT @ 51820	5-18-20	7:15	G	water					3		

RE 5-18-20

480-170091 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: Martin Koernecke	Date/Time: 5-18-20 / 10:10	Company: OBG	Received by: R English	Date/Time: 5-18-20, 10:10	Company: Eyn
Relinquished by: R English	Date/Time: 5-18-20, 19:00	Company: Eyn	Received by:	Date/Time:	Company:
Relinquished by:	Date/Time:	Company:	Received by: [signature]	Date/Time: 5/19/20 1000	Company: TAB
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: 3.4 #1		

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-170091-1

Login Number: 170091

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	3.4 #1 ICE
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
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: 480-170408-1
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:
5/31/2020 5:57:32 PM

John Schove, Project Manager II
(716)504-9838
john.schove@testamericainc.com

Table of Contents

Definitions/Glossary

Client: O'Brien & Gere Inc of North America
Job ID: 480-170408-1
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
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)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
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)

Case Narrative

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

Job ID: 480-170408-1

Job ID: 480-170408-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-170408-1

Comments
No additional comments.

Receipt
The sample was received on 5/27/2020 8:00 AM; the sample arrived in good condition, properly preserved and, where required, on ice.
The temperature of the cooler at receipt was 4.3º 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: 480-170408-1

Client Sample ID: EFFLUENT 052620

Lab Sample ID: 480-170408-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	582		10.0	4.0	mg/L	1		SM2540 C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: O'Brien & Gere Inc of North America
Job ID: 480-170408-1
Project/Site: Former Accurate Die Cast

Client Sample ID: EFFLUENT 052620
Lab Sample ID: 480-170408-1
Date Collected: 05/26/20 08:00
Matrix: Water
Date Received: 05/27/20 08:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**582**		10.0	4.0	mg/L			05/27/20 16:44	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			05/27/20 16:11	1

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

Job ID: 480-170408-1

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

Lab Sample ID: MB 480-533638/1
Matrix: Water
Analysis Batch: 533638

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			05/27/20 16:11	1

Lab Sample ID: LCS 480-533638/2
Matrix: Water
Analysis Batch: 533638

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	261	272.4		mg/L		104	88 - 110

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-533650/1
Matrix: Water
Analysis Batch: 533650

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			05/27/20 16:44	1

Lab Sample ID: LCS 480-533650/2
Matrix: Water
Analysis Batch: 533650

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

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

QC Association Summary

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

Job ID: 480-170408-1

General Chemistry

Analysis Batch: 533638

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-170408-1	EFFLUENT 052620	Total/NA	Water	SM 2540D	
MB 480-533638/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-533638/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 533650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-170408-1	EFFLUENT 052620	Total/NA	Water	SM2540 C	
MB 480-533650/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-533650/2	Lab Control Sample	Total/NA	Water	SM2540 C	

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Job ID: 480-170408-1
Project/Site: Former Accurate Die Cast

Client Sample ID: EFFLUENT 052620
Lab Sample ID: 480-170408-1
Date Collected: 05/26/20 08:00
Matrix: Water
Date Received: 05/27/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	533638	05/27/20 16:11	CSS	TAL BUF
Total/NA	Analysis	SM2540 C		1	533650	05/27/20 16:44	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: 480-170408-1
Project/Site: Former Accurate Die Cast

Laboratory: Eurofins TestAmerica, Buffalo

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

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

Method Summary

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

Job ID: 480-170408-1

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: 480-170408-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-170408-1	EFFLUENT 052620	Water	05/26/20 08:00	05/27/20 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 TestAmerica

Client Information	Sampler: MARTin Koennecke	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-145302-10587.1
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: john.schove@testamericainc.com		Page: Page 1 of 1
Company: O'Brien & Gere Inc of North America				Job #:
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:			
City: East Syracuse	TAT Requested (days):			
State, Zip: NY, 13221				
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 11900114			
Email: Yuri.Veliz@obg.com	WO #:			
Project Name: Former Accurate Die Cast	Project #: 48008584			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

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

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	2540D - Total Suspended Solids	2540C_Calcd - Total Dissolved Solids	[illegible]	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	A		
Effluent 052620	5-26-20	8:00	C	Water			1	1		2	

Rec 5-26-20

480-170408 Chain of Custody

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
1	Martin Koennecke	5-26-20 / 11:30	OBG	RElglish	5-26-20, 11:30	Syr
2	RElglish	5-26-20, 19:00	Syr			
3					5/27/20 0800	TAB

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 4.3° #1

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-170408-1

Login Number: 170408

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	4.3 #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.	N/A	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	OBG
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

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ANALYTICAL REPORT

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

Laboratory Job ID: 480-170600-1
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:
6/8/2020 9:45:41 AM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

John Schove, Project Manager II
(716)504-9838
john.schove@testamericainc.com

Table of Contents

Definitions/Glossary

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

Job ID: 480-170600-1

Qualifiers

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
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)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
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)

Job ID: 480-170600-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-170600-1

Comments
No additional comments.

Receipt
The samples were received on 6/2/2020 8:00 AM; the samples arrived in good condition, properly preserved and, where required, 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.

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

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

Detection Summary

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

Job ID: 480-170600-1

Client Sample ID: EFFLUENT-COMP 060120 — Lab Sample ID: 480-170600-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	0.0047	J	0.010	0.0015	mg/L	1		6010C	Total/NA
Total Dissolved Solids	745		10.0	4.0	mg/L	1		SM2540 C	Total/NA

Client Sample ID: BETWEEN CARBONS 060120 — Lab Sample ID: 480-170600-2

No Detections.

Client Sample ID: INFLUENT-GRAB 060120 — Lab Sample ID: 480-170600-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	330		8.0	3.7	ug/L	8		8260C	Total/NA

Client Sample ID: EFFLUENT-GRAB 060120 — Lab Sample ID: 480-170600-4

No Detections.

Client Sample ID: INFLUENT-COMP 060120 — Lab Sample ID: 480-170600-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	0.0041	J	0.010	0.0015	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: EFFLUENT-COMP 060120

Lab Sample ID: 480-170600-1
Date Collected: 06/01/20 13:00
Matrix: Water
Date Received: 06/02/20 08:00

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	**0.0047**	**J**	0.010	0.0015	mg/L		06/03/20 11:30	06/04/20 14:19	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/02/20 12:35	06/02/20 16:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**745**		10.0	4.0	mg/L			06/02/20 18:06	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			06/02/20 18:17	1

Client Sample ID: BETWEEN CARBONS 060120

Lab Sample ID: 480-170600-2
Date Collected: 06/01/20 13:00
Matrix: Water
Date Received: 06/02/20 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			06/06/20 14:43	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/06/20 14:43	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/06/20 14:43	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/06/20 14:43	1
Toluene	ND		1.0	0.51	ug/L			06/06/20 14:43	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/06/20 14:43	1
Trichloroethene	ND		1.0	0.46	ug/L			06/06/20 14:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 120*		*06/06/20 14:43*	*1*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*		*06/06/20 14:43*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*06/06/20 14:43*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 123*		*06/06/20 14:43*	*1*

Client Sample ID: INFLUENT-GRAB 060120

Lab Sample ID: 480-170600-3
Date Collected: 06/01/20 13:00
Matrix: Water
Date Received: 06/02/20 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			06/06/20 15:06	8
cis-1,2-Dichloroethene	ND		8.0	6.5	ug/L			06/06/20 15:06	8
Methylene Chloride	ND		8.0	3.5	ug/L			06/06/20 15:06	8
Tetrachloroethene	ND		8.0	2.9	ug/L			06/06/20 15:06	8
Toluene	ND		8.0	4.1	ug/L			06/06/20 15:06	8
trans-1,2-Dichloroethene	ND		8.0	7.2	ug/L			06/06/20 15:06	8
Trichloroethene	**330**		8.0	3.7	ug/L			06/06/20 15:06	8

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*77 - 120*		*06/06/20 15:06*	*8*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*		*06/06/20 15:06*	*8*
Toluene-d8 (Surr)	*97*		*80 - 120*		*06/06/20 15:06*	*8*
Dibromofluoromethane (Surr)	*104*		*75 - 123*		*06/06/20 15:06*	*8*

Client: O'Brien & Gere Inc of North America
Job ID: 480-170600-1
Project/Site: Former Accurate Die Cast

Client Sample ID: EFFLUENT-GRAB 060120
Lab Sample ID: 480-170600-4
Date Collected: 06/01/20 13:00
Matrix: Wastewater
Date Received: 06/02/20 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			06/06/20 15:29	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/06/20 15:29	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/06/20 15:29	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/06/20 15:29	1
Toluene	ND		1.0	0.51	ug/L			06/06/20 15:29	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/06/20 15:29	1
Trichloroethene	ND		1.0	0.46	ug/L			06/06/20 15:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*77 - 120*		*06/06/20 15:29*	*1*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*06/06/20 15:29*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*06/06/20 15:29*	*1*
Dibromofluoromethane (Surr)	*103*		*75 - 123*		*06/06/20 15:29*	*1*

Client Sample ID: INFLUENT-COMP 060120
Lab Sample ID: 480-170600-5
Date Collected: 06/01/20 13:00
Matrix: Water
Date Received: 06/02/20 08:00

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	0.0041	J	0.010	0.0015	mg/L		06/03/20 11:30	06/04/20 14:48	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/02/20 12:35	06/02/20 16:38	1

Surrogate Summary

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

Job ID: 480-170600-1

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)
480-170600-4	EFFLUENT-GRAB 060120	108	97	98	103

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(80-120)	(75-123)
480-170600-2	BETWEEN CARBONS 060120	106	96	97	102
480-170600-3	INFLUENT-GRAB 060120	108	96	97	104
LCS 480-535035/5	Lab Control Sample	106	99	97	103
MB 480-535035/7	Method Blank	107	95	97	103

Surrogate Legend

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

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

Lab Sample ID: MB 480-535035/7
Matrix: Water
Analysis Batch: 535035

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			06/06/20 10:23	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/06/20 10:23	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/06/20 10:23	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/06/20 10:23	1
Toluene	ND		1.0	0.51	ug/L			06/06/20 10:23	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/06/20 10:23	1
Trichloroethene	ND		1.0	0.46	ug/L			06/06/20 10:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*77 - 120*		*06/06/20 10:23*	*1*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*		*06/06/20 10:23*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*06/06/20 10:23*	*1*
Dibromofluoromethane (Surr)	*103*		*75 - 123*		*06/06/20 10:23*	*1*

Lab Sample ID: LCS 480-535035/5
Matrix: Water
Analysis Batch: 535035

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	25.9		ug/L		103	76 - 120
cis-1,2-Dichloroethene	25.0	23.9		ug/L		96	74 - 124
Methylene Chloride	25.0	22.8		ug/L		91	75 - 124
Tetrachloroethene	25.0	22.3		ug/L		89	74 - 122
Toluene	25.0	22.1		ug/L		88	80 - 122
trans-1,2-Dichloroethene	25.0	23.4		ug/L		94	73 - 127
Trichloroethene	25.0	23.3		ug/L		93	74 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 120*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*
Toluene-d8 (Surr)	*97*		*80 - 120*
Dibromofluoromethane (Surr)	*103*		*75 - 123*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-534507/1-A
Matrix: Water
Analysis Batch: 534959

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 534507

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	ND		0.010	0.0015	mg/L		06/03/20 11:30	06/04/20 14:12	1

Lab Sample ID: LCS 480-534507/2-A
Matrix: Water
Analysis Batch: 534959

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 534507

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Zinc	0.200	0.206		mg/L		103	80 - 120

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

Lab Sample ID: 480-170600-1 MS
Matrix: Water
Analysis Batch: 534959

Client Sample ID: EFFLUENT-COMP 060120
Prep Type: Total/NA
Prep Batch: 534507

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Zinc	0.0047	J	0.200	0.209		mg/L		102	75 - 125

Lab Sample ID: 480-170600-1 MSD
Matrix: Water
Analysis Batch: 534959

Client Sample ID: EFFLUENT-COMP 060120
Prep Type: Total/NA
Prep Batch: 534507

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Zinc	0.0047	J	0.200	0.217		mg/L		106	75 - 125	4	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-534390/1-A
Matrix: Water
Analysis Batch: 534459

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 534390

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		06/02/20 12:35	06/02/20 15:59	1

Lab Sample ID: LCS 480-534390/2-A
Matrix: Water
Analysis Batch: 534459

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 534390

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00735		mg/L		110	80 - 120

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

Lab Sample ID: MB 480-534463/1
Matrix: Water
Analysis Batch: 534463

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			06/02/20 18:17	1

Lab Sample ID: LCS 480-534463/2
Matrix: Water
Analysis Batch: 534463

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	242	238.0		mg/L		98	88 - 110

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-534462/1
Matrix: Water
Analysis Batch: 534462

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			06/02/20 18:06	1

Method: SM2540 C - Total Dissolved Solids (Continued)

Lab Sample ID: LCS 480-534462/2
Matrix: Water
Analysis Batch: 534462

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Total Dissolved Solids			504	526.0		mg/L		104	85 - 115		

GC/MS VOA

Analysis Batch: 535035

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-170600-2	BETWEEN CARBONS 060120	Total/NA	Water	8260C	
480-170600-3	INFLUENT-GRAB 060120	Total/NA	Water	8260C	
480-170600-4	EFFLUENT-GRAB 060120	Total/NA	Wastewater	8260C	
MB 480-535035/7	Method Blank	Total/NA	Water	8260C	
LCS 480-535035/5	Lab Control Sample	Total/NA	Water	8260C	

Metals

Prep Batch: 534390

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-170600-1	EFFLUENT-COMP 060120	Total/NA	Water	7470A	
480-170600-5	INFLUENT-COMP 060120	Total/NA	Water	7470A	
MB 480-534390/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-534390/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 534459

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-170600-1	EFFLUENT-COMP 060120	Total/NA	Water	7470A	534390
480-170600-5	INFLUENT-COMP 060120	Total/NA	Water	7470A	534390
MB 480-534390/1-A	Method Blank	Total/NA	Water	7470A	534390
LCS 480-534390/2-A	Lab Control Sample	Total/NA	Water	7470A	534390

Prep Batch: 534507

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-170600-1	EFFLUENT-COMP 060120	Total/NA	Water	3005A	
480-170600-5	INFLUENT-COMP 060120	Total/NA	Water	3005A	
MB 480-534507/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-534507/2-A	Lab Control Sample	Total/NA	Water	3005A	
480-170600-1 MS	EFFLUENT-COMP 060120	Total/NA	Water	3005A	
480-170600-1 MSD	EFFLUENT-COMP 060120	Total/NA	Water	3005A	

Analysis Batch: 534959

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-170600-1	EFFLUENT-COMP 060120	Total/NA	Water	6010C	534507
480-170600-5	INFLUENT-COMP 060120	Total/NA	Water	6010C	534507
MB 480-534507/1-A	Method Blank	Total/NA	Water	6010C	534507
LCS 480-534507/2-A	Lab Control Sample	Total/NA	Water	6010C	534507
480-170600-1 MS	EFFLUENT-COMP 060120	Total/NA	Water	6010C	534507
480-170600-1 MSD	EFFLUENT-COMP 060120	Total/NA	Water	6010C	534507

General Chemistry

Analysis Batch: 534462

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-170600-1	EFFLUENT-COMP 060120	Total/NA	Water	SM2540 C	
MB 480-534462/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-534462/2	Lab Control Sample	Total/NA	Water	SM2540 C	

Analysis Batch: 534463

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-170600-1	EFFLUENT-COMP 060120	Total/NA	Water	SM 2540D	
MB 480-534463/1	Method Blank	Total/NA	Water	SM 2540D	

General Chemistry (Continued)

Analysis Batch: 534463 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-534463/2	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: 480-170600-1

Client Sample ID: EFFLUENT-COMP 060120
Lab Sample ID: 480-170600-1
Date Collected: 06/01/20 13:00
Matrix: Water
Date Received: 06/02/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3005A			534507	06/03/20 11:30	NSW	TAL BUF
Total/NA	Analysis	6010C		1	534959	06/04/20 14:19	LMH	TAL BUF
Total/NA	Prep	7470A			534390	06/02/20 12:35	BMB	TAL BUF
Total/NA	Analysis	7470A		1	534459	06/02/20 16:37	BMB	TAL BUF
Total/NA	Analysis	SM 2540D		1	534463	06/02/20 18:17	E1T	TAL BUF
Total/NA	Analysis	SM2540 C		1	534462	06/02/20 18:06	E1T	TAL BUF

Client Sample ID: BETWEEN CARBONS 060120
Lab Sample ID: 480-170600-2
Date Collected: 06/01/20 13:00
Matrix: Water
Date Received: 06/02/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	535035	06/06/20 14:43	CDC	TAL BUF

Client Sample ID: INFLUENT-GRAB 060120
Lab Sample ID: 480-170600-3
Date Collected: 06/01/20 13:00
Matrix: Water
Date Received: 06/02/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		8	535035	06/06/20 15:06	CDC	TAL BUF

Client Sample ID: EFFLUENT-GRAB 060120
Lab Sample ID: 480-170600-4
Date Collected: 06/01/20 13:00
Matrix: Wastewater
Date Received: 06/02/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	535035	06/06/20 15:29	CDC	TAL BUF

Client Sample ID: INFLUENT-COMP 060120
Lab Sample ID: 480-170600-5
Date Collected: 06/01/20 13:00
Matrix: Water
Date Received: 06/02/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3005A			534507	06/03/20 11:30	NSW	TAL BUF
Total/NA	Analysis	6010C		1	534959	06/04/20 14:48	LMH	TAL BUF
Total/NA	Prep	7470A			534390	06/02/20 12:35	BMB	TAL BUF
Total/NA	Analysis	7470A		1	534459	06/02/20 16:38	BMB	TAL BUF

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

Accreditation/Certification Summary

Client: O'Brien & Gere Inc of North America
Job ID: 480-170600-1
Project/Site: Former Accurate Die Cast

Laboratory: Eurofins TestAmerica, Buffalo

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

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

Method Summary

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

Job ID: 480-170600-1

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: 480-170600-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-170600-1	EFFLUENT-COMP 060120	Water	06/01/20 13:00	06/02/20 08:00	
480-170600-2	BETWEEN CARBONS 060120	Water	06/01/20 13:00	06/02/20 08:00	
480-170600-3	INFLUENT-GRAB 060120	Water	06/01/20 13:00	06/02/20 08:00	
480-170600-4	EFFLUENT-GRAB 060120	Wastewater	06/01/20 13:00	06/02/20 08:00	
480-170600-5	INFLUENT-COMP 060120	Water	06/01/20 13:00	06/02/20 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 Koenecke	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-145283-10589.1
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: john.schove@testamericainc.com		Page: Page 1 of 1
Company: O'Brien & Gere Inc of North America		Analysis Requested		Job #:
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:			Preservation Codes:
City: East Syracuse	TAT Requested (days): Standard			
State, Zip: NY, 13221				480-170600 Chain of Custody
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 11900114			
Email: Yuri.Veliz@obg.com	WO #:			
Project Name: Former Accurate Die Cast	Project #: 48008584			K - EDTA W - pH 4-5 L - EDA Z - other (specify) Other:
Site:	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	8260C - Volatile Organic Compounds	6010C - Zinc	7470A - Mercury	Total Number of container	Special Instructions/Note:
			Preservation Code:				N	N	A	D	D		
Effluent 060120	6-1-20	13:00	C	Water			1	1		1	1	4	
Between Carbons 060120	6-1-20	13:00	G	Water					3			3	
Inffluent 060120	6-1-20	13:00	G	Water					3			3	
Effluent 060120	6-1-20	13:00	G	water					3			3	
Influent 060120	6-1-20	13:00	C	water					3	1	1	2	
				AP									
		6/1/20											

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 Koenecke	6-1-20 / 13:40	OBG		6/1/20 1340	ES-SYR
Relinquished by: R. English	Date/Time: 6-1-20 19:00	Company SYR	Received by: Walter	Date/Time: 6/2/20 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 2.8

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-170600-1

Login Number: 170600
List Number: 1
Creator: Yeager, Brian A

List Source: Eurofins TestAmerica, Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	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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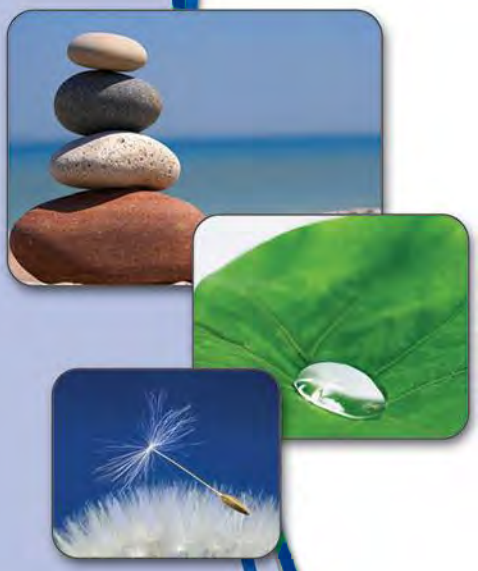

ANALYTICAL REPORT

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

Laboratory Job ID: 480-171042-1
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:
6/15/2020 11:42:15 AM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

John Schove, Project Manager II
(716)504-9838
john.schove@testamericainc.com

Table of Contents

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
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)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
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)

Case Narrative

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

Job ID: 480-171042-1

Job ID: 480-171042-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-171042-1

Comments
No additional comments.

Receipt
The sample was received on 6/11/2020 8:00 AM; the sample arrived in good condition, properly preserved and, where required, on ice.
The temperature of the cooler at receipt was 2.5º C.

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

Detection Summary

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

Job ID: 480-171042-1

Client Sample ID: EFFLUENT 061020

Lab Sample ID: 480-171042-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	738		10.0	4.0	mg/L	1		SM2540 C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: O'Brien & Gere Inc of North America
Job ID: 480-171042-1
Project/Site: Former Accurate Die Cast

Client Sample ID: EFFLUENT 061020
Lab Sample ID: 480-171042-1
Date Collected: 06/10/20 07:20
Matrix: Water
Date Received: 06/11/20 08:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**738**		10.0	4.0	mg/L			06/11/20 19:01	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			06/11/20 18:28	1

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

Job ID: 480-171042-1

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

Lab Sample ID: MB 480-535917/1
Matrix: Water
Analysis Batch: 535917

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			06/11/20 18:28	1

Lab Sample ID: LCS 480-535917/2
Matrix: Water
Analysis Batch: 535917

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	253	251.2		mg/L		99	88 - 110

Lab Sample ID: 480-171042-1 DU
Matrix: Water
Analysis Batch: 535917

Client Sample ID: EFFLUENT 061020
Prep Type: Total/NA

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

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-535922/1
Matrix: Water
Analysis Batch: 535922

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			06/11/20 19:01	1

Lab Sample ID: LCS 480-535922/2
Matrix: Water
Analysis Batch: 535922

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	504	508.0		mg/L		101	85 - 115

Lab Sample ID: 480-171042-1 DU
Matrix: Water
Analysis Batch: 535922

Client Sample ID: EFFLUENT 061020
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	738		741.0		mg/L		0.4	10

QC Association Summary

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

Job ID: 480-171042-1

General Chemistry

Analysis Batch: 535917

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-171042-1	EFFLUENT 061020	Total/NA	Water	SM 2540D	
MB 480-535917/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-535917/2	Lab Control Sample	Total/NA	Water	SM 2540D	
480-171042-1 DU	EFFLUENT 061020	Total/NA	Water	SM 2540D	

Analysis Batch: 535922

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-171042-1	EFFLUENT 061020	Total/NA	Water	SM2540 C	
MB 480-535922/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-535922/2	Lab Control Sample	Total/NA	Water	SM2540 C	
480-171042-1 DU	EFFLUENT 061020	Total/NA	Water	SM2540 C	

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Job ID: 480-171042-1
Project/Site: Former Accurate Die Cast

Client Sample ID: EFFLUENT 061020
Lab Sample ID: 480-171042-1
Date Collected: 06/10/20 07:20
Matrix: Water
Date Received: 06/11/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	535917	06/11/20 18:28	E1T	TAL BUF
Total/NA	Analysis	SM2540 C		1	535922	06/11/20 19:01	E1T	TAL BUF

Laboratory References:

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

Accreditation/Certification Summary

Client: O'Brien & Gere Inc of North America
Job ID: 480-171042-1
Project/Site: Former Accurate Die Cast

Laboratory: Eurofins TestAmerica, Buffalo

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

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

Method Summary

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

Job ID: 480-171042-1

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: 480-171042-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-171042-1	EFFLUENT 061020	Water	06/10/20 07:20	06/11/20 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: Schove, John R	COC No: 480-145315-10586.1
Phone: 315-729-1300	E-Mail: john.schove@testamericainc.com	Carrier Tracking No(s):	Page: Page 1 of 1
Company: O'Brien & Gere Inc of North America			Job #:
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:		
City: East Syracuse	TAT Requested (days):		
State, Zip: NY, 13221			
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 11900114		
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
(specify)

480-171042 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:		X	X	N	N	X	
Effluent 061020	6-10-20	7:20	C	Water			1	1	2	

RE 6-10-20

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: 6-10-20 / 10:00	Company: OBG		Received by: R English		Date/Time: 6-10-20, 10:05	Company: [illegible]
Relinquished by: R English	Date/Time: 6-10-20, 19:00	Company		Received by: [illegible]		Date/Time: 6/11/20 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 2.5

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-171042-1

Login Number: 171042

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Yeager, Brian A

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

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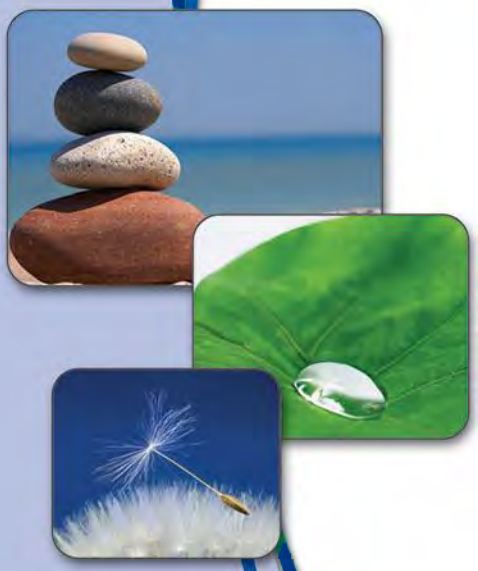

ANALYTICAL REPORT

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

Laboratory Job ID: 480-171486-1
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:
6/29/2020 11:20:36 AM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

John Schove, Project Manager II
(716)504-9838
john.schove@testamericainc.com

Table of Contents

Client: O'Brien & Gere Inc of North America
Job ID: 480-171486-1
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: 480-171486-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-171486-1

Comments
No additional comments.

Receipt
The samples were received on 6/20/2020 8:00 AM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.6º C.

GC/MS VOA
Method 8260C: The continuing calibration verification (CCV) associated with batch 480-537964 recovered above the upper control limit for 1,1,1-Trichloroethane, Carbon tetrachloride and Trichlorofluoromethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: EFFLUENT 061920 GRAB (480-171486-2).

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: 480-171486-1

Client Sample ID: EFFLUENT 061920 COMP — Lab Sample ID: 480-171486-1

Analyte	Result	Qualifier	RL	RL	Unit	Dil Fac	D	Method	Prep Type
Total Suspended Solids	6.4		4.0	4.0	mg/L	1		SM 2540D	Total/NA
Total Dissolved Solids	727		10.0	4.0	mg/L	1		SM2540 C	Total/NA

Client Sample ID: EFFLUENT 061920 GRAB — Lab Sample ID: 480-171486-2

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: EFFLUENT 061920 COMP

Lab Sample ID: 480-171486-1
Date Collected: 06/19/20 07:15
Matrix: Water
Date Received: 06/20/20 08:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**727**		10.0	4.0	mg/L			06/22/20 19:07	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	**6.4**		4.0	4.0	mg/L			06/20/20 11:32	1

Client Sample ID: EFFLUENT 061920 GRAB

Lab Sample ID: 480-171486-2
Date Collected: 06/19/20 07:15
Matrix: Wastewater
Date Received: 06/20/20 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			06/25/20 14:27	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/25/20 14:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/25/20 14:27	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/25/20 14:27	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/25/20 14:27	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/25/20 14:27	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/25/20 14:27	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/25/20 14:27	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/25/20 14:27	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/25/20 14:27	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/25/20 14:27	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/25/20 14:27	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/25/20 14:27	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/25/20 14:27	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/25/20 14:27	1
2-Hexanone	ND		5.0	1.2	ug/L			06/25/20 14:27	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/25/20 14:27	1
Acetone	ND		10	3.0	ug/L			06/25/20 14:27	1
Benzene	ND		1.0	0.41	ug/L			06/25/20 14:27	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/25/20 14:27	1
Bromoform	ND		1.0	0.26	ug/L			06/25/20 14:27	1
Bromomethane	ND		1.0	0.69	ug/L			06/25/20 14:27	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/25/20 14:27	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/25/20 14:27	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/25/20 14:27	1
Chloroethane	ND		1.0	0.32	ug/L			06/25/20 14:27	1
Chloroform	ND		1.0	0.34	ug/L			06/25/20 14:27	1
Chloromethane	ND		1.0	0.35	ug/L			06/25/20 14:27	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/25/20 14:27	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/25/20 14:27	1
Cyclohexane	ND		1.0	0.18	ug/L			06/25/20 14:27	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/25/20 14:27	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/25/20 14:27	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/25/20 14:27	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/25/20 14:27	1
Methyl acetate	ND		2.5	1.3	ug/L			06/25/20 14:27	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/25/20 14:27	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/25/20 14:27	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/25/20 14:27	1
Styrene	ND		1.0	0.73	ug/L			06/25/20 14:27	1

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

Job ID: 480-171486-1

Client Sample ID: EFFLUENT 061920 GRAB
Date Collected: 06/19/20 07:15
Date Received: 06/20/20 08:00

Lab Sample ID: 480-171486-2
Matrix: Wastewater

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			06/25/20 14:27	1
Toluene	ND		1.0	0.51	ug/L			06/25/20 14:27	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/25/20 14:27	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/25/20 14:27	1
Trichloroethene	ND		1.0	0.46	ug/L			06/25/20 14:27	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/25/20 14:27	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/25/20 14:27	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/25/20 14:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*		*06/25/20 14:27*	*1*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*06/25/20 14:27*	*1*
Dibromofluoromethane (Surr)	*107*		*75 - 123*		*06/25/20 14:27*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*06/25/20 14:27*	*1*

Surrogate Summary

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

Job ID: 480-171486-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(75-123)	(80-120)
480-171486-2	EFFLUENT 061920 GRAB	104	105	107	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

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)
LCS 480-537964/5	Lab Control Sample	107	107	108	97
MB 480-537964/7	Method Blank	109	106	109	97

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: 480-171486-1

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

Lab Sample ID: MB 480-537964/7
Matrix: Water
Analysis Batch: 537964

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			06/25/20 13:00	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			06/25/20 13:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			06/25/20 13:00	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			06/25/20 13:00	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			06/25/20 13:00	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			06/25/20 13:00	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			06/25/20 13:00	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			06/25/20 13:00	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			06/25/20 13:00	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			06/25/20 13:00	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			06/25/20 13:00	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			06/25/20 13:00	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			06/25/20 13:00	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			06/25/20 13:00	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/25/20 13:00	1
2-Hexanone	ND		5.0	1.2	ug/L			06/25/20 13:00	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			06/25/20 13:00	1
Acetone	ND		10	3.0	ug/L			06/25/20 13:00	1
Benzene	ND		1.0	0.41	ug/L			06/25/20 13:00	1
Bromodichloromethane	ND		1.0	0.39	ug/L			06/25/20 13:00	1
Bromoform	ND		1.0	0.26	ug/L			06/25/20 13:00	1
Bromomethane	ND		1.0	0.69	ug/L			06/25/20 13:00	1
Carbon disulfide	ND		1.0	0.19	ug/L			06/25/20 13:00	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			06/25/20 13:00	1
Chlorobenzene	ND		1.0	0.75	ug/L			06/25/20 13:00	1
Chloroethane	ND		1.0	0.32	ug/L			06/25/20 13:00	1
Chloroform	ND		1.0	0.34	ug/L			06/25/20 13:00	1
Chloromethane	ND		1.0	0.35	ug/L			06/25/20 13:00	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			06/25/20 13:00	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			06/25/20 13:00	1
Cyclohexane	ND		1.0	0.18	ug/L			06/25/20 13:00	1
Dibromochloromethane	ND		1.0	0.32	ug/L			06/25/20 13:00	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			06/25/20 13:00	1
Ethylbenzene	ND		1.0	0.74	ug/L			06/25/20 13:00	1
Isopropylbenzene	ND		1.0	0.79	ug/L			06/25/20 13:00	1
Methyl acetate	ND		2.5	1.3	ug/L			06/25/20 13:00	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			06/25/20 13:00	1
Methylcyclohexane	ND		1.0	0.16	ug/L			06/25/20 13:00	1
Methylene Chloride	ND		1.0	0.44	ug/L			06/25/20 13:00	1
Styrene	ND		1.0	0.73	ug/L			06/25/20 13:00	1
Tetrachloroethene	ND		1.0	0.36	ug/L			06/25/20 13:00	1
Toluene	ND		1.0	0.51	ug/L			06/25/20 13:00	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			06/25/20 13:00	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			06/25/20 13:00	1
Trichloroethene	ND		1.0	0.46	ug/L			06/25/20 13:00	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			06/25/20 13:00	1
Vinyl chloride	ND		1.0	0.90	ug/L			06/25/20 13:00	1
Xylenes, Total	ND		2.0	0.66	ug/L			06/25/20 13:00	1

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

Lab Sample ID: MB 480-537964/7
Matrix: Water
Analysis Batch: 537964

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		77 - 120		06/25/20 13:00	1
4-Bromofluorobenzene (Surr)	106		73 - 120		06/25/20 13:00	1
Dibromofluoromethane (Surr)	109		75 - 123		06/25/20 13:00	1
Toluene-d8 (Surr)	97		80 - 120		06/25/20 13:00	1

Lab Sample ID: LCS 480-537964/5
Matrix: Water
Analysis Batch: 537964

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	27.4		ug/L		110	73 - 126
1,1,2,2-Tetrachloroethane	25.0	21.3		ug/L		85	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	26.0		ug/L		104	61 - 148
1,1,2-Trichloroethane	25.0	21.9		ug/L		88	76 - 122
1,1-Dichloroethane	25.0	22.9		ug/L		92	77 - 120
1,1-Dichloroethene	25.0	23.0		ug/L		92	66 - 127
1,2,4-Trichlorobenzene	25.0	22.0		ug/L		88	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	23.8		ug/L		95	56 - 134
1,2-Dibromoethane	25.0	24.0		ug/L		96	77 - 120
1,2-Dichlorobenzene	25.0	21.4		ug/L		85	80 - 124
1,2-Dichloroethane	25.0	25.4		ug/L		101	75 - 120
1,2-Dichloropropane	25.0	21.8		ug/L		87	76 - 120
1,3-Dichlorobenzene	25.0	21.8		ug/L		87	77 - 120
1,4-Dichlorobenzene	25.0	21.6		ug/L		86	80 - 120
2-Butanone (MEK)	125	112		ug/L		90	57 - 140
2-Hexanone	125	118		ug/L		95	65 - 127
4-Methyl-2-pentanone (MIBK)	125	114		ug/L		91	71 - 125
Acetone	125	95.9		ug/L		77	56 - 142
Benzene	25.0	21.6		ug/L		87	71 - 124
Bromodichloromethane	25.0	25.8		ug/L		103	80 - 122
Bromoform	25.0	26.6		ug/L		107	61 - 132
Bromomethane	25.0	26.9		ug/L		108	55 - 144
Carbon disulfide	25.0	20.9		ug/L		84	59 - 134
Carbon tetrachloride	25.0	27.6		ug/L		111	72 - 134
Chlorobenzene	25.0	21.8		ug/L		87	80 - 120
Chloroethane	25.0	26.5		ug/L		106	69 - 136
Chloroform	25.0	24.5		ug/L		98	73 - 127
Chloromethane	25.0	20.8		ug/L		83	68 - 124
cis-1,2-Dichloroethene	25.0	23.2		ug/L		93	74 - 124
cis-1,3-Dichloropropene	25.0	24.1		ug/L		96	74 - 124
Cyclohexane	25.0	22.8		ug/L		91	59 - 135
Dibromochloromethane	25.0	25.1		ug/L		100	75 - 125
Dichlorodifluoromethane	25.0	23.7		ug/L		95	59 - 135
Ethylbenzene	25.0	22.2		ug/L		89	77 - 123
Isopropylbenzene	25.0	21.6		ug/L		86	77 - 122
Methyl acetate	50.0	41.7		ug/L		83	74 - 133
Methyl tert-butyl ether	25.0	24.7		ug/L		99	77 - 120
Methylcyclohexane	25.0	24.0		ug/L		96	68 - 134

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

Lab Sample ID: LCS 480-537964/5
Matrix: Water
Analysis Batch: 537964

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	23.2		ug/L		93	80 - 120
Tetrachloroethene	25.0	23.9		ug/L		96	74 - 122
Toluene	25.0	21.4		ug/L		86	80 - 122
trans-1,2-Dichloroethene	25.0	23.2		ug/L		93	73 - 127
trans-1,3-Dichloropropene	25.0	24.6		ug/L		98	80 - 120
Trichloroethene	25.0	23.4		ug/L		94	74 - 123
Trichlorofluoromethane	25.0	28.8		ug/L		115	62 - 150
Vinyl chloride	25.0	24.8		ug/L		99	65 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*77 - 120*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*
Dibromofluoromethane (Surr)	*108*		*75 - 123*
Toluene-d8 (Surr)	*97*		*80 - 120*

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

Lab Sample ID: MB 480-537176/1
Matrix: Water
Analysis Batch: 537176

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			06/20/20 11:32	1

Lab Sample ID: LCS 480-537176/2
Matrix: Water
Analysis Batch: 537176

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	302	297.6		mg/L		99	88 - 110

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-537421/1
Matrix: Water
Analysis Batch: 537421

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			06/22/20 19:07	1

Lab Sample ID: LCS 480-537421/2
Matrix: Water
Analysis Batch: 537421

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	504	511.0		mg/L		101	85 - 115

QC Association Summary

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

Job ID: 480-171486-1

GC/MS VOA

Analysis Batch: 537964

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-171486-2	EFFLUENT 061920 GRAB	Total/NA	Wastewater	8260C	
MB 480-537964/7	Method Blank	Total/NA	Water	8260C	
LCS 480-537964/5	Lab Control Sample	Total/NA	Water	8260C	

General Chemistry

Analysis Batch: 537176

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-171486-1	EFFLUENT 061920 COMP	Total/NA	Water	SM 2540D	
MB 480-537176/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-537176/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 537421

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-171486-1	EFFLUENT 061920 COMP	Total/NA	Water	SM2540 C	
MB 480-537421/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-537421/2	Lab Control Sample	Total/NA	Water	SM2540 C	

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Job ID: 480-171486-1
Project/Site: Former Accurate Die Cast

Client Sample ID: EFFLUENT 061920 COMP
Lab Sample ID: 480-171486-1

Date Collected: 06/19/20 07:15
Matrix: Water
Date Received: 06/20/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	537176	06/20/20 11:32	CSS	TAL BUF
Total/NA	Analysis	SM2540 C		1	537421	06/22/20 19:07	E1T	TAL BUF

Client Sample ID: EFFLUENT 061920 GRAB
Lab Sample ID: 480-171486-2

Date Collected: 06/19/20 07:15
Matrix: Wastewater
Date Received: 06/20/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	537964	06/25/20 14:27	OMI	TAL BUF

Laboratory References:

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

Accreditation/Certification Summary

Client: O'Brien & Gere Inc of North America
Job ID: 480-171486-1
Project/Site: Former Accurate Die Cast

Laboratory: Eurofins TestAmerica, Buffalo

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

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

Method Summary

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

Job ID: 480-171486-1

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: 480-171486-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-171486-1	EFFLUENT 061920 COMP	Water	06/19/20 07:15	06/20/20 08:00	
480-171486-2	EFFLUENT 061920 GRAB	Wastewater	06/19/20 07:15	06/20/20 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: Schove, John R	Carrier Tracking No(s): #225	COC No: 480-145303-10587.1
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: john.schove@testamericainc.com		Page: Page 1 of 1
Company: O'Brien & Gere Inc of North America				Job #:

Address: 333 West Washington St. PO BOX 4873	Due Date Requested:	Analysis Requested	Preservation Codes:
City: East Syracuse	TAT Requested (days):		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)
State, Zip: NY, 13221			Other:
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 11900114		
Email: yuri.veliz@ramboli.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	8260C - Volatile Organic Compounds													Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	A														
Effluent 061920	6-19-20	7:15	C	Water			1	1														2	
Effluent 061920	6-19-20	7:15	G	WATER					3													3	
RE 6-19-20																							

480-171486 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
Martin Koennecke	6-19-20 / 12:30	CBG	RETAINED	6-19-20 12:30	FGA
Relinquished by: RETAINED	Date/Time: 6-19-20, 19:00	Company FGA	Received by: Walker	Date/Time: 6/20/20 0800	Company TBG
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 2.6

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-171486-1

Login Number: 171486

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Yeager, Brian A

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

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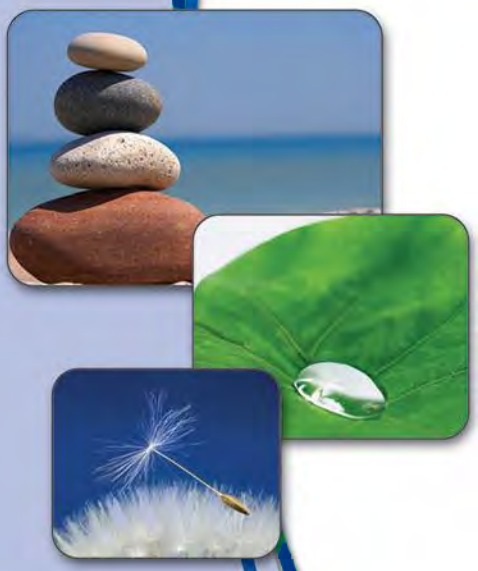

ANALYTICAL REPORT

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

Laboratory Job ID: 480-171571-1
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:
6/29/2020 11:25:07 AM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

John Schove, Project Manager II
(716)504-9838
john.schove@testamericainc.com

Table of Contents

Client: O'Brien & Gere Inc of North America
Job ID: 480-171571-1
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: 480-171571-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-171571-1

Comments
No additional comments.

Receipt
The sample was received on 6/24/2020 8:00 AM; the sample arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.5º C.

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

Detection Summary

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

Job ID: 480-171571-1

Client Sample ID: EFFLUENT 062320

Lab Sample ID: 480-171571-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	752		10.0	4.0	mg/L	1		SM2540 C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: O'Brien & Gere Inc of North America
Job ID: 480-171571-1
Project/Site: Former Accurate Die Cast

Client Sample ID: EFFLUENT 062320
Lab Sample ID: 480-171571-1
Date Collected: 06/23/20 07:30
Matrix: Water
Date Received: 06/24/20 08:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**752**		10.0	4.0	mg/L			06/25/20 10:23	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			06/24/20 11:14	1

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

Job ID: 480-171571-1

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

Lab Sample ID: MB 480-537764/1
Matrix: Water
Analysis Batch: 537764

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			06/24/20 11:14	1

Lab Sample ID: LCS 480-537764/2
Matrix: Water
Analysis Batch: 537764

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	255	249.2		mg/L		98	88 - 110

Lab Sample ID: 480-171571-1 DU
Matrix: Water
Analysis Batch: 537764

Client Sample ID: EFFLUENT 062320
Prep Type: Total/NA

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

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-537962/1
Matrix: Water
Analysis Batch: 537962

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			06/25/20 10:23	1

Lab Sample ID: LCS 480-537962/2
Matrix: Water
Analysis Batch: 537962

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

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

QC Association Summary

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

Job ID: 480-171571-1

General Chemistry

Analysis Batch: 537764

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-171571-1	EFFLUENT 062320	Total/NA	Water	SM 2540D	
MB 480-537764/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-537764/2	Lab Control Sample	Total/NA	Water	SM 2540D	
480-171571-1 DU	EFFLUENT 062320	Total/NA	Water	SM 2540D	

Analysis Batch: 537962

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-171571-1	EFFLUENT 062320	Total/NA	Water	SM2540 C	
MB 480-537962/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-537962/2	Lab Control Sample	Total/NA	Water	SM2540 C	

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Job ID: 480-171571-1
Project/Site: Former Accurate Die Cast

Client Sample ID: EFFLUENT 062320
Lab Sample ID: 480-171571-1
Date Collected: 06/23/20 07:30
Matrix: Water
Date Received: 06/24/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	537764	06/24/20 11:14	CSS	TAL BUF
Total/NA	Analysis	SM2540 C		1	537962	06/25/20 10:23	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: 480-171571-1
Project/Site: Former Accurate Die Cast

Laboratory: Eurofins TestAmerica, Buffalo

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

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

Method Summary

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

Job ID: 480-171571-1

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: 480-171571-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-171571-1	EFFLUENT 062320	Water	06/23/20 07:30	06/24/20 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: Schove, John R	COC No: 480-145318-10586.1
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: john.schove@testamericainc.com	Page: Page 1 of 1
Company: O'Brien & Gere Inc of North America			Job #:
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:	Analysis Requested	Preservation Codes:
City: East Syracuse	TAT Requested (days):		A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, TSP Dodecahydrate, Acetone, MCAA, - pH 4-5, - other (specify)
State, Zip: NY, 13221			
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 11900114		
Email: yuri.veliz@ramboll.com	WO #:		
Project Name: Former Accurate Die Cast	Project #: 48008584		
Site: New York	SSOW#:		

480-171571 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 Number	Special Instructions/Note:
			Preservation Code:		X	X	N	N	X	
Effluent 062320	6-23-20	7:30	C	Water			1	1	2	
6-23-20 RE										

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	6-23-20 / 12:30	OBG	RENGLIL	6-23-20, 13:30	Eyn
2	RENGLIL	6-23-20, 19:05	Eyn			
3					6/24/20 0800	

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

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

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-171571-1

Login Number: 171571

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Yeager, Brian A

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

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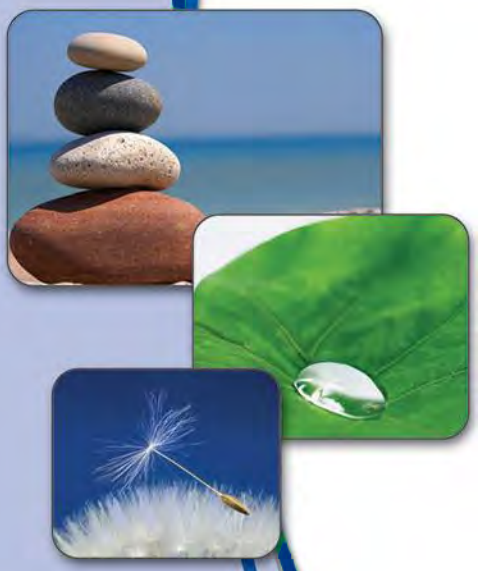

ANALYTICAL REPORT

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

Laboratory Job ID: 480-171868-1
Client Project/Site: Former Accurate Die Cast

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

Attn: Mr. David J Carnevale

Authorized for release by:
7/8/2020 9:27:57 AM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

John Schove, Project Manager II
(716)504-9838
john.schove@testamericainc.com

Table of Contents

Client: O'Brien & Gere Inc of North America
Job ID: 480-171868-1
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: 480-171868-1

Job ID: 480-171868-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-171868-1

Comments
No additional comments.

Receipt
The sample was received on 7/1/2020 8:00 AM; the sample arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.9º 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: 480-171868-1

Client Sample ID: EFFLUENT 063020

Lab Sample ID: 480-171868-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	683		10.0	4.0	mg/L	1		SM2540 C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: O'Brien & Gere Inc of North America
Job ID: 480-171868-1
Project/Site: Former Accurate Die Cast

Client Sample ID: EFFLUENT 063020
Lab Sample ID: 480-171868-1
Date Collected: 06/30/20 07:15
Matrix: Water
Date Received: 07/01/20 08:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**683**		10.0	4.0	mg/L			07/02/20 17:38	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			07/02/20 10:58	1

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

Job ID: 480-171868-1

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

Lab Sample ID: MB 480-539083/1
Matrix: Water
Analysis Batch: 539083

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			07/02/20 10:58	1

Lab Sample ID: LCS 480-539083/2
Matrix: Water
Analysis Batch: 539083

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	255	244.4		mg/L		96	88 - 110

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-539156/1
Matrix: Water
Analysis Batch: 539156

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10.0	4.0	mg/L			07/02/20 17:38	1

Lab Sample ID: LCS 480-539156/2
Matrix: Water
Analysis Batch: 539156

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	504	537.0		mg/L		107	85 - 115

QC Association Summary

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

Job ID: 480-171868-1

General Chemistry

Analysis Batch: 539083

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-171868-1	EFFLUENT 063020	Total/NA	Water	SM 2540D	
MB 480-539083/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-539083/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 539156

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-171868-1	EFFLUENT 063020	Total/NA	Water	SM2540 C	
MB 480-539156/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-539156/2	Lab Control Sample	Total/NA	Water	SM2540 C	

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Job ID: 480-171868-1
Project/Site: Former Accurate Die Cast

Client Sample ID: EFFLUENT 063020
Lab Sample ID: 480-171868-1
Date Collected: 06/30/20 07:15
Matrix: Water
Date Received: 07/01/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	539083	07/02/20 10:58	CSS	TAL BUF
Total/NA	Analysis	SM2540 C		1	539156	07/02/20 17:38	E1T	TAL BUF

Laboratory References:

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

Accreditation/Certification Summary

Client: O'Brien & Gere Inc of North America
Job ID: 480-171868-1
Project/Site: Former Accurate Die Cast

Laboratory: Eurofins TestAmerica, Buffalo

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

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

Method Summary

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

Job ID: 480-171868-1

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: 480-171868-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-171868-1	EFFLUENT 063020	Water	06/30/20 07:15	07/01/20 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: Schove, John R	Carrier Tracking No(s): #225	COC No: 480-145319-10586.1
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: john.schove@testamericainc.com		Page: Page 1 of 1
Company: O'Brien & Gere Inc of North America				Job #:
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:			
City: East Syracuse	TAT Requested (days):			
State, Zip: NY, 13221				
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 11900114			
Email: yuri.veliz@ramboll.com	WO #:			
Project Name: Former Accurate Die Cast	Project #: 48008584			
Site: New York	SSOW#:			

Analysis Requested

Preservation Codes:

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

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	2540D - Total Suspended Solids	2540C_Calcd - Total Dissolved Solids	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	N	N	X	
Effluent 063020	6-30-20	7:15	C	Water			1	1	2	

RL 6.30.20

480-171868 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	6-30-20 / 1050	OBG	RLeigh	6.30.20, 10:50	SJA
2	RLeigh	6.30.20, 19:00	SJA			
3				TBDB	7/1/20 0800	JAB

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 3.9 #1

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-171868-1

Login Number: 171868

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	3.9 #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.	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: 480-168725-1
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:
4/20/2020 9:13:07 AM
Alexander Gilbert, Project Management Assistant I
alexander.gilbert@testamericainc.com

Designee for

John Schove, Project Manager II
(716)504-9838
john.schove@testamericainc.com

Table of Contents

Definitions/Glossary

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

Job ID: 480-168725-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
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)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
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)

Job ID: 480-168725-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-168725-1

Comments
No additional comments.

Receipt
The samples were received on 4/16/2020 8:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.9º C.

GC/MS VOA
Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-11 041520 (480-168725-1), MW-10 041520 (480-168725-2), MW-13 041520 (480-168725-3), MW-24 041520 (480-168725-4), MW-18 041520 (480-168725-5), (480-168725-A-5 MS) and (480-168725-A-5 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.

Detection Summary

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

Job ID: 480-168725-1

Client Sample ID: MW-11 041520 — Lab Sample ID: 480-168725-1

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

Client Sample ID: MW-10 041520 — Lab Sample ID: 480-168725-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	120		2.0	0.92	ug/L	2		8260C	Total/NA

Client Sample ID: MW-13 041520 — Lab Sample ID: 480-168725-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	2.1	J	4.0	1.8	ug/L	4		8260C	Total/NA
Trichloroethene	220		4.0	1.8	ug/L	4		8260C	Total/NA

Client Sample ID: MW-24 041520 — Lab Sample ID: 480-168725-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	9.0		5.0	4.1	ug/L	5		8260C	Total/NA
Trichloroethene	160		5.0	2.3	ug/L	5		8260C	Total/NA

Client Sample ID: MW-18 041520 — Lab Sample ID: 480-168725-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	330		20	16	ug/L	20		8260C	Total/NA
Trichloroethene	1100	F1	20	9.2	ug/L	20		8260C	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-168725-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.72	J	1.0	0.44	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

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

Job ID: 480-168725-1

Client Sample ID: MW-11 041520
Date Collected: 04/15/20 08:30
Date Received: 04/16/20 08:00

Lab Sample ID: 480-168725-1
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		8.0	6.6	ug/L			04/18/20 04:44	8
1,1,2,2-Tetrachloroethane	ND		8.0	1.7	ug/L			04/18/20 04:44	8
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.0	2.5	ug/L			04/18/20 04:44	8
1,1,2-Trichloroethane	ND		8.0	1.8	ug/L			04/18/20 04:44	8
1,1-Dichloroethane	ND		8.0	3.0	ug/L			04/18/20 04:44	8
1,1-Dichloroethene	ND		8.0	2.3	ug/L			04/18/20 04:44	8
1,2,4-Trichlorobenzene	ND		8.0	3.3	ug/L			04/18/20 04:44	8
1,2-Dibromo-3-Chloropropane	ND		8.0	3.1	ug/L			04/18/20 04:44	8
1,2-Dibromoethane	ND		8.0	5.8	ug/L			04/18/20 04:44	8
1,2-Dichlorobenzene	ND		8.0	6.3	ug/L			04/18/20 04:44	8
1,2-Dichloroethane	ND		8.0	1.7	ug/L			04/18/20 04:44	8
1,2-Dichloropropane	ND		8.0	5.8	ug/L			04/18/20 04:44	8
1,3-Dichlorobenzene	ND		8.0	6.2	ug/L			04/18/20 04:44	8
1,4-Dichlorobenzene	ND		8.0	6.7	ug/L			04/18/20 04:44	8
2-Butanone (MEK)	ND		80	11	ug/L			04/18/20 04:44	8
2-Hexanone	ND		40	9.9	ug/L			04/18/20 04:44	8
4-Methyl-2-pentanone (MIBK)	ND		40	17	ug/L			04/18/20 04:44	8
Acetone	ND		80	24	ug/L			04/18/20 04:44	8
Benzene	ND		8.0	3.3	ug/L			04/18/20 04:44	8
Bromodichloromethane	ND		8.0	3.1	ug/L			04/18/20 04:44	8
Bromoform	ND		8.0	2.1	ug/L			04/18/20 04:44	8
Bromomethane	ND		8.0	5.5	ug/L			04/18/20 04:44	8
Carbon disulfide	ND		8.0	1.5	ug/L			04/18/20 04:44	8
Carbon tetrachloride	ND		8.0	2.2	ug/L			04/18/20 04:44	8
Chlorobenzene	ND		8.0	6.0	ug/L			04/18/20 04:44	8
Chloroethane	ND		8.0	2.6	ug/L			04/18/20 04:44	8
Chloroform	ND		8.0	2.7	ug/L			04/18/20 04:44	8
Chloromethane	ND		8.0	2.8	ug/L			04/18/20 04:44	8
cis-1,2-Dichloroethene	ND		8.0	6.5	ug/L			04/18/20 04:44	8
cis-1,3-Dichloropropene	ND		8.0	2.9	ug/L			04/18/20 04:44	8
Cyclohexane	ND		8.0	1.4	ug/L			04/18/20 04:44	8
Dibromochloromethane	ND		8.0	2.6	ug/L			04/18/20 04:44	8
Dichlorodifluoromethane	ND		8.0	5.4	ug/L			04/18/20 04:44	8
Ethylbenzene	ND		8.0	5.9	ug/L			04/18/20 04:44	8
Isopropylbenzene	ND		8.0	6.3	ug/L			04/18/20 04:44	8
Methyl acetate	ND		20	10	ug/L			04/18/20 04:44	8
Methyl tert-butyl ether	ND		8.0	1.3	ug/L			04/18/20 04:44	8
Methylcyclohexane	ND		8.0	1.3	ug/L			04/18/20 04:44	8
Methylene Chloride	ND		8.0	3.5	ug/L			04/18/20 04:44	8
Styrene	ND		8.0	5.8	ug/L			04/18/20 04:44	8
Tetrachloroethene	ND		8.0	2.9	ug/L			04/18/20 04:44	8
Toluene	ND		8.0	4.1	ug/L			04/18/20 04:44	8
trans-1,2-Dichloroethene	ND		8.0	7.2	ug/L			04/18/20 04:44	8
trans-1,3-Dichloropropene	ND		8.0	3.0	ug/L			04/18/20 04:44	8
Trichloroethene	**440**		8.0	3.7	ug/L			04/18/20 04:44	8
Trichlorofluoromethane	ND		8.0	7.0	ug/L			04/18/20 04:44	8
Vinyl chloride	ND		8.0	7.2	ug/L			04/18/20 04:44	8
Xylenes, Total	ND		16	5.3	ug/L			04/18/20 04:44	8

Client Sample ID: MW-11 041520

Lab Sample ID: 480-168725-1

Date Collected: 04/15/20 08:30
Date Received: 04/16/20 08:00

Matrix: Water

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*		*04/18/20 04:44*	*8*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*04/18/20 04:44*	*8*
Dibromofluoromethane (Surr)	*108*		*75 - 123*		*04/18/20 04:44*	*8*
Toluene-d8 (Surr)	*103*		*80 - 120*		*04/18/20 04:44*	*8*

Client Sample ID: MW-10 041520

Lab Sample ID: 480-168725-2

Date Collected: 04/15/20 09:00
Date Received: 04/16/20 08:00

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		2.0	1.6	ug/L			04/18/20 05:08	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			04/18/20 05:08	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			04/18/20 05:08	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			04/18/20 05:08	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			04/18/20 05:08	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			04/18/20 05:08	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			04/18/20 05:08	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			04/18/20 05:08	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			04/18/20 05:08	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			04/18/20 05:08	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			04/18/20 05:08	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			04/18/20 05:08	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			04/18/20 05:08	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			04/18/20 05:08	2
2-Butanone (MEK)	ND		20	2.6	ug/L			04/18/20 05:08	2
2-Hexanone	ND		10	2.5	ug/L			04/18/20 05:08	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			04/18/20 05:08	2
Acetone	ND		20	6.0	ug/L			04/18/20 05:08	2
Benzene	ND		2.0	0.82	ug/L			04/18/20 05:08	2
Bromodichloromethane	ND		2.0	0.78	ug/L			04/18/20 05:08	2
Bromoform	ND		2.0	0.52	ug/L			04/18/20 05:08	2
Bromomethane	ND		2.0	1.4	ug/L			04/18/20 05:08	2
Carbon disulfide	ND		2.0	0.38	ug/L			04/18/20 05:08	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			04/18/20 05:08	2
Chlorobenzene	ND		2.0	1.5	ug/L			04/18/20 05:08	2
Chloroethane	ND		2.0	0.64	ug/L			04/18/20 05:08	2
Chloroform	ND		2.0	0.68	ug/L			04/18/20 05:08	2
Chloromethane	ND		2.0	0.70	ug/L			04/18/20 05:08	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			04/18/20 05:08	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			04/18/20 05:08	2
Cyclohexane	ND		2.0	0.36	ug/L			04/18/20 05:08	2
Dibromochloromethane	ND		2.0	0.64	ug/L			04/18/20 05:08	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			04/18/20 05:08	2
Ethylbenzene	ND		2.0	1.5	ug/L			04/18/20 05:08	2
Isopropylbenzene	ND		2.0	1.6	ug/L			04/18/20 05:08	2
Methyl acetate	ND		5.0	2.6	ug/L			04/18/20 05:08	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			04/18/20 05:08	2
Methylcyclohexane	ND		2.0	0.32	ug/L			04/18/20 05:08	2
Methylene Chloride	ND		2.0	0.88	ug/L			04/18/20 05:08	2

Client Sample ID: MW-10 041520

Date Collected: 04/15/20 09:00
Date Received: 04/16/20 08:00

Lab Sample ID: 480-168725-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	1.5	ug/L			04/18/20 05:08	2
Tetrachloroethene	ND		2.0	0.72	ug/L			04/18/20 05:08	2
Toluene	ND		2.0	1.0	ug/L			04/18/20 05:08	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			04/18/20 05:08	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			04/18/20 05:08	2
Trichloroethene	**120**		2.0	0.92	ug/L			04/18/20 05:08	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			04/18/20 05:08	2
Vinyl chloride	ND		2.0	1.8	ug/L			04/18/20 05:08	2
Xylenes, Total	ND		4.0	1.3	ug/L			04/18/20 05:08	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*		*04/18/20 05:08*	*2*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*04/18/20 05:08*	*2*
Dibromofluoromethane (Surr)	*110*		*75 - 123*		*04/18/20 05:08*	*2*
Toluene-d8 (Surr)	*106*		*80 - 120*		*04/18/20 05:08*	*2*

Client Sample ID: MW-13 041520

Date Collected: 04/15/20 09:40
Date Received: 04/16/20 08:00

Lab Sample ID: 480-168725-3
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		4.0	3.3	ug/L			04/18/20 05:33	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			04/18/20 05:33	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2	ug/L			04/18/20 05:33	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			04/18/20 05:33	4
1,1-Dichloroethane	ND		4.0	1.5	ug/L			04/18/20 05:33	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			04/18/20 05:33	4
1,2,4-Trichlorobenzene	ND		4.0	1.6	ug/L			04/18/20 05:33	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			04/18/20 05:33	4
1,2-Dibromoethane	ND		4.0	2.9	ug/L			04/18/20 05:33	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			04/18/20 05:33	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			04/18/20 05:33	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			04/18/20 05:33	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			04/18/20 05:33	4
1,4-Dichlorobenzene	ND		4.0	3.4	ug/L			04/18/20 05:33	4
2-Butanone (MEK)	ND		40	5.3	ug/L			04/18/20 05:33	4
2-Hexanone	ND		20	5.0	ug/L			04/18/20 05:33	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			04/18/20 05:33	4
Acetone	ND		40	12	ug/L			04/18/20 05:33	4
Benzene	ND		4.0	1.6	ug/L			04/18/20 05:33	4
Bromodichloromethane	ND		4.0	1.6	ug/L			04/18/20 05:33	4
Bromoform	ND		4.0	1.0	ug/L			04/18/20 05:33	4
Bromomethane	ND		4.0	2.8	ug/L			04/18/20 05:33	4
Carbon disulfide	ND		4.0	0.76	ug/L			04/18/20 05:33	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			04/18/20 05:33	4
Chlorobenzene	ND		4.0	3.0	ug/L			04/18/20 05:33	4
Chloroethane	ND		4.0	1.3	ug/L			04/18/20 05:33	4
Chloroform	ND		4.0	1.4	ug/L			04/18/20 05:33	4
Chloromethane	ND		4.0	1.4	ug/L			04/18/20 05:33	4

Client Sample ID: MW-13 041520

Date Collected: 04/15/20 09:40
Date Received: 04/16/20 08:00

Lab Sample ID: 480-168725-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		4.0	3.2	ug/L			04/18/20 05:33	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			04/18/20 05:33	4
Cyclohexane	ND		4.0	0.72	ug/L			04/18/20 05:33	4
Dibromochloromethane	ND		4.0	1.3	ug/L			04/18/20 05:33	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			04/18/20 05:33	4
Ethylbenzene	ND		4.0	3.0	ug/L			04/18/20 05:33	4
Isopropylbenzene	ND		4.0	3.2	ug/L			04/18/20 05:33	4
Methyl acetate	ND		10	5.2	ug/L			04/18/20 05:33	4
Methyl tert-butyl ether	ND		4.0	0.64	ug/L			04/18/20 05:33	4
Methylcyclohexane	ND		4.0	0.64	ug/L			04/18/20 05:33	4
Methylene Chloride	**2.1**	**J**	4.0	1.8	ug/L			04/18/20 05:33	4
Styrene	ND		4.0	2.9	ug/L			04/18/20 05:33	4
Tetrachloroethene	ND		4.0	1.4	ug/L			04/18/20 05:33	4
Toluene	ND		4.0	2.0	ug/L			04/18/20 05:33	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			04/18/20 05:33	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			04/18/20 05:33	4
Trichloroethene	**220**		4.0	1.8	ug/L			04/18/20 05:33	4
Trichlorofluoromethane	ND		4.0	3.5	ug/L			04/18/20 05:33	4
Vinyl chloride	ND		4.0	3.6	ug/L			04/18/20 05:33	4
Xylenes, Total	ND		8.0	2.6	ug/L			04/18/20 05:33	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*04/18/20 05:33*	*4*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*		*04/18/20 05:33*	*4*
Dibromofluoromethane (Surr)	*110*		*75 - 123*		*04/18/20 05:33*	*4*
Toluene-d8 (Surr)	*102*		*80 - 120*		*04/18/20 05:33*	*4*

Client Sample ID: MW-24 041520

Date Collected: 04/15/20 10:50
Date Received: 04/16/20 08:00

Lab Sample ID: 480-168725-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	4.1	ug/L			04/18/20 05:57	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			04/18/20 05:57	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6	ug/L			04/18/20 05:57	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			04/18/20 05:57	5
1,1-Dichloroethane	ND		5.0	1.9	ug/L			04/18/20 05:57	5
1,1-Dichloroethene	ND		5.0	1.5	ug/L			04/18/20 05:57	5
1,2,4-Trichlorobenzene	ND		5.0	2.1	ug/L			04/18/20 05:57	5
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/L			04/18/20 05:57	5
1,2-Dibromoethane	ND		5.0	3.7	ug/L			04/18/20 05:57	5
1,2-Dichlorobenzene	ND		5.0	4.0	ug/L			04/18/20 05:57	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			04/18/20 05:57	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			04/18/20 05:57	5
1,3-Dichlorobenzene	ND		5.0	3.9	ug/L			04/18/20 05:57	5
1,4-Dichlorobenzene	ND		5.0	4.2	ug/L			04/18/20 05:57	5
2-Butanone (MEK)	ND		50	6.6	ug/L			04/18/20 05:57	5
2-Hexanone	ND		25	6.2	ug/L			04/18/20 05:57	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			04/18/20 05:57	5

Client Sample ID: MW-24 041520

Date Collected: 04/15/20 10:50
Date Received: 04/16/20 08:00

Lab Sample ID: 480-168725-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50	15	ug/L			04/18/20 05:57	5
Benzene	ND		5.0	2.1	ug/L			04/18/20 05:57	5
Bromodichloromethane	ND		5.0	2.0	ug/L			04/18/20 05:57	5
Bromoform	ND		5.0	1.3	ug/L			04/18/20 05:57	5
Bromomethane	ND		5.0	3.5	ug/L			04/18/20 05:57	5
Carbon disulfide	ND		5.0	0.95	ug/L			04/18/20 05:57	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			04/18/20 05:57	5
Chlorobenzene	ND		5.0	3.8	ug/L			04/18/20 05:57	5
Chloroethane	ND		5.0	1.6	ug/L			04/18/20 05:57	5
Chloroform	ND		5.0	1.7	ug/L			04/18/20 05:57	5
Chloromethane	ND		5.0	1.8	ug/L			04/18/20 05:57	5
cis-1,2-Dichloroethene	**9.0**		5.0	4.1	ug/L			04/18/20 05:57	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			04/18/20 05:57	5
Cyclohexane	ND		5.0	0.90	ug/L			04/18/20 05:57	5
Dibromochloromethane	ND		5.0	1.6	ug/L			04/18/20 05:57	5
Dichlorodifluoromethane	ND		5.0	3.4	ug/L			04/18/20 05:57	5
Ethylbenzene	ND		5.0	3.7	ug/L			04/18/20 05:57	5
Isopropylbenzene	ND		5.0	4.0	ug/L			04/18/20 05:57	5
Methyl acetate	ND		13	6.5	ug/L			04/18/20 05:57	5
Methyl tert-butyl ether	ND		5.0	0.80	ug/L			04/18/20 05:57	5
Methylcyclohexane	ND		5.0	0.80	ug/L			04/18/20 05:57	5
Methylene Chloride	ND		5.0	2.2	ug/L			04/18/20 05:57	5
Styrene	ND		5.0	3.7	ug/L			04/18/20 05:57	5
Tetrachloroethene	ND		5.0	1.8	ug/L			04/18/20 05:57	5
Toluene	ND		5.0	2.6	ug/L			04/18/20 05:57	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			04/18/20 05:57	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			04/18/20 05:57	5
Trichloroethene	**160**		5.0	2.3	ug/L			04/18/20 05:57	5
Trichlorofluoromethane	ND		5.0	4.4	ug/L			04/18/20 05:57	5
Vinyl chloride	ND		5.0	4.5	ug/L			04/18/20 05:57	5
Xylenes, Total	ND		10	3.3	ug/L			04/18/20 05:57	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*77 - 120*		*04/18/20 05:57*	*5*
4-Bromofluorobenzene (Surr)	*86*		*73 - 120*		*04/18/20 05:57*	*5*
Dibromofluoromethane (Surr)	*106*		*75 - 123*		*04/18/20 05:57*	*5*
Toluene-d8 (Surr)	*98*		*80 - 120*		*04/18/20 05:57*	*5*

Client Sample ID: MW-18 041520

Date Collected: 04/15/20 11:10
Date Received: 04/16/20 08:00

Lab Sample ID: 480-168725-5
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		20	16	ug/L			04/18/20 06:21	20
1,1,2,2-Tetrachloroethane	ND		20	4.2	ug/L			04/18/20 06:21	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	6.2	ug/L			04/18/20 06:21	20
1,1,2-Trichloroethane	ND		20	4.6	ug/L			04/18/20 06:21	20
1,1-Dichloroethane	ND		20	7.6	ug/L			04/18/20 06:21	20
1,1-Dichloroethene	ND		20	5.8	ug/L			04/18/20 06:21	20

Client Sample ID: MW-18 041520
Date Collected: 04/15/20 11:10
Date Received: 04/16/20 08:00

Lab Sample ID: 480-168725-5
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		20	8.2	ug/L			04/18/20 06:21	20
1,2-Dibromo-3-Chloropropane	ND		20	7.8	ug/L			04/18/20 06:21	20
1,2-Dibromoethane	ND		20	15	ug/L			04/18/20 06:21	20
1,2-Dichlorobenzene	ND		20	16	ug/L			04/18/20 06:21	20
1,2-Dichloroethane	ND		20	4.2	ug/L			04/18/20 06:21	20
1,2-Dichloropropane	ND	F1	20	14	ug/L			04/18/20 06:21	20
1,3-Dichlorobenzene	ND		20	16	ug/L			04/18/20 06:21	20
1,4-Dichlorobenzene	ND		20	17	ug/L			04/18/20 06:21	20
2-Butanone (MEK)	ND		200	26	ug/L			04/18/20 06:21	20
2-Hexanone	ND		100	25	ug/L			04/18/20 06:21	20
4-Methyl-2-pentanone (MIBK)	ND		100	42	ug/L			04/18/20 06:21	20
Acetone	ND		200	60	ug/L			04/18/20 06:21	20
Benzene	ND		20	8.2	ug/L			04/18/20 06:21	20
Bromodichloromethane	ND		20	7.8	ug/L			04/18/20 06:21	20
Bromoform	ND		20	5.2	ug/L			04/18/20 06:21	20
Bromomethane	ND		20	14	ug/L			04/18/20 06:21	20
Carbon disulfide	ND		20	3.8	ug/L			04/18/20 06:21	20
Carbon tetrachloride	ND		20	5.4	ug/L			04/18/20 06:21	20
Chlorobenzene	ND		20	15	ug/L			04/18/20 06:21	20
Chloroethane	ND		20	6.4	ug/L			04/18/20 06:21	20
Chloroform	ND		20	6.8	ug/L			04/18/20 06:21	20
Chloromethane	ND		20	7.0	ug/L			04/18/20 06:21	20
cis-1,2-Dichloroethene	**330**		20	16	ug/L			04/18/20 06:21	20
cis-1,3-Dichloropropene	ND		20	7.2	ug/L			04/18/20 06:21	20
Cyclohexane	ND		20	3.6	ug/L			04/18/20 06:21	20
Dibromochloromethane	ND		20	6.4	ug/L			04/18/20 06:21	20
Dichlorodifluoromethane	ND		20	14	ug/L			04/18/20 06:21	20
Ethylbenzene	ND		20	15	ug/L			04/18/20 06:21	20
Isopropylbenzene	ND		20	16	ug/L			04/18/20 06:21	20
Methyl acetate	ND		50	26	ug/L			04/18/20 06:21	20
Methyl tert-butyl ether	ND		20	3.2	ug/L			04/18/20 06:21	20
Methylcyclohexane	ND		20	3.2	ug/L			04/18/20 06:21	20
Methylene Chloride	ND		20	8.8	ug/L			04/18/20 06:21	20
Styrene	ND		20	15	ug/L			04/18/20 06:21	20
Tetrachloroethene	ND		20	7.2	ug/L			04/18/20 06:21	20
Toluene	ND		20	10	ug/L			04/18/20 06:21	20
trans-1,2-Dichloroethene	ND		20	18	ug/L			04/18/20 06:21	20
trans-1,3-Dichloropropene	ND		20	7.4	ug/L			04/18/20 06:21	20
Trichloroethene	**1100**	**F1**	20	9.2	ug/L			04/18/20 06:21	20
Trichlorofluoromethane	ND		20	18	ug/L			04/18/20 06:21	20
Vinyl chloride	ND		20	18	ug/L			04/18/20 06:21	20
Xylenes, Total	ND		40	13	ug/L			04/18/20 06:21	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*		*04/18/20 06:21*	*20*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*04/18/20 06:21*	*20*
Dibromofluoromethane (Surr)	*110*		*75 - 123*		*04/18/20 06:21*	*20*
Toluene-d8 (Surr)	*103*		*80 - 120*		*04/18/20 06:21*	*20*

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

Job ID: 480-168725-1

Client Sample ID: TRIP BLANK
Date Collected: 04/15/20 00:00
Date Received: 04/16/20 08:00

Lab Sample ID: 480-168725-6
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			04/18/20 06:46	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/18/20 06:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/18/20 06:46	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/18/20 06:46	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/18/20 06:46	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/18/20 06:46	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/18/20 06:46	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/18/20 06:46	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/18/20 06:46	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/18/20 06:46	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/18/20 06:46	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/18/20 06:46	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/18/20 06:46	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/18/20 06:46	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/18/20 06:46	1
2-Hexanone	ND		5.0	1.2	ug/L			04/18/20 06:46	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/18/20 06:46	1
Acetone	ND		10	3.0	ug/L			04/18/20 06:46	1
Benzene	ND		1.0	0.41	ug/L			04/18/20 06:46	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/18/20 06:46	1
Bromoform	ND		1.0	0.26	ug/L			04/18/20 06:46	1
Bromomethane	ND		1.0	0.69	ug/L			04/18/20 06:46	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/18/20 06:46	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/18/20 06:46	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/18/20 06:46	1
Chloroethane	ND		1.0	0.32	ug/L			04/18/20 06:46	1
Chloroform	ND		1.0	0.34	ug/L			04/18/20 06:46	1
Chloromethane	ND		1.0	0.35	ug/L			04/18/20 06:46	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/18/20 06:46	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/18/20 06:46	1
Cyclohexane	ND		1.0	0.18	ug/L			04/18/20 06:46	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/18/20 06:46	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/18/20 06:46	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/18/20 06:46	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/18/20 06:46	1
Methyl acetate	ND		2.5	1.3	ug/L			04/18/20 06:46	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/18/20 06:46	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/18/20 06:46	1
Methylene Chloride	**0.72**	**J**	1.0	0.44	ug/L			04/18/20 06:46	1
Styrene	ND		1.0	0.73	ug/L			04/18/20 06:46	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/18/20 06:46	1
Toluene	ND		1.0	0.51	ug/L			04/18/20 06:46	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/18/20 06:46	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/18/20 06:46	1
Trichloroethene	ND		1.0	0.46	ug/L			04/18/20 06:46	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/18/20 06:46	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/18/20 06:46	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/18/20 06:46	1

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

Job ID: 480-168725-1

Client Sample ID: TRIP BLANK
Date Collected: 04/15/20 00:00
Date Received: 04/16/20 08:00

Lab Sample ID: 480-168725-6
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		04/18/20 06:46	1
4-Bromofluorobenzene (Surr)	94		73 - 120		04/18/20 06:46	1
Dibromofluoromethane (Surr)	111		75 - 123		04/18/20 06:46	1
Toluene-d8 (Surr)	102		80 - 120		04/18/20 06:46	1

Surrogate Summary

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

Job ID: 480-168725-1

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)
480-168725-1	MW-11 041520	100	99	108	103
480-168725-2	MW-10 041520	100	99	110	106
480-168725-3	MW-13 041520	99	93	110	102
480-168725-4	MW-24 041520	95	86	106	98
480-168725-5	MW-18 041520	101	100	110	103
480-168725-5 MS	MW-18 041520	101	101	112	106
480-168725-5 MSD	MW-18 041520	95	95	111	102
480-168725-6	TRIP BLANK	100	94	111	102
LCS 480-526598/6	Lab Control Sample	96	101	108	104
MB 480-526598/8	Method Blank	102	100	110	105

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: 480-168725-1

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

Lab Sample ID: MB 480-526598/8
Matrix: Water
Analysis Batch: 526598

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			04/17/20 23:02	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			04/17/20 23:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			04/17/20 23:02	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			04/17/20 23:02	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			04/17/20 23:02	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			04/17/20 23:02	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			04/17/20 23:02	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			04/17/20 23:02	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			04/17/20 23:02	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			04/17/20 23:02	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			04/17/20 23:02	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			04/17/20 23:02	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			04/17/20 23:02	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			04/17/20 23:02	1
2-Butanone (MEK)	ND		10	1.3	ug/L			04/17/20 23:02	1
2-Hexanone	ND		5.0	1.2	ug/L			04/17/20 23:02	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			04/17/20 23:02	1
Acetone	ND		10	3.0	ug/L			04/17/20 23:02	1
Benzene	ND		1.0	0.41	ug/L			04/17/20 23:02	1
Bromodichloromethane	ND		1.0	0.39	ug/L			04/17/20 23:02	1
Bromoform	ND		1.0	0.26	ug/L			04/17/20 23:02	1
Bromomethane	ND		1.0	0.69	ug/L			04/17/20 23:02	1
Carbon disulfide	ND		1.0	0.19	ug/L			04/17/20 23:02	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			04/17/20 23:02	1
Chlorobenzene	ND		1.0	0.75	ug/L			04/17/20 23:02	1
Chloroethane	ND		1.0	0.32	ug/L			04/17/20 23:02	1
Chloroform	ND		1.0	0.34	ug/L			04/17/20 23:02	1
Chloromethane	ND		1.0	0.35	ug/L			04/17/20 23:02	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			04/17/20 23:02	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			04/17/20 23:02	1
Cyclohexane	ND		1.0	0.18	ug/L			04/17/20 23:02	1
Dibromochloromethane	ND		1.0	0.32	ug/L			04/17/20 23:02	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			04/17/20 23:02	1
Ethylbenzene	ND		1.0	0.74	ug/L			04/17/20 23:02	1
Isopropylbenzene	ND		1.0	0.79	ug/L			04/17/20 23:02	1
Methyl acetate	ND		2.5	1.3	ug/L			04/17/20 23:02	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			04/17/20 23:02	1
Methylcyclohexane	ND		1.0	0.16	ug/L			04/17/20 23:02	1
Methylene Chloride	ND		1.0	0.44	ug/L			04/17/20 23:02	1
Styrene	ND		1.0	0.73	ug/L			04/17/20 23:02	1
Tetrachloroethene	ND		1.0	0.36	ug/L			04/17/20 23:02	1
Toluene	ND		1.0	0.51	ug/L			04/17/20 23:02	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			04/17/20 23:02	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			04/17/20 23:02	1
Trichloroethene	ND		1.0	0.46	ug/L			04/17/20 23:02	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			04/17/20 23:02	1
Vinyl chloride	ND		1.0	0.90	ug/L			04/17/20 23:02	1
Xylenes, Total	ND		2.0	0.66	ug/L			04/17/20 23:02	1

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

Lab Sample ID: MB 480-526598/8
Matrix: Water
Analysis Batch: 526598

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		04/17/20 23:02	1
4-Bromofluorobenzene (Surr)	100		73 - 120		04/17/20 23:02	1
Dibromofluoromethane (Surr)	110		75 - 123		04/17/20 23:02	1
Toluene-d8 (Surr)	105		80 - 120		04/17/20 23:02	1

Lab Sample ID: LCS 480-526598/6
Matrix: Water
Analysis Batch: 526598

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	26.7		ug/L		107	73 - 126
1,1,2,2-Tetrachloroethane	25.0	23.5		ug/L		94	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	25.6		ug/L		103	61 - 148
1,1,2-Trichloroethane	25.0	25.2		ug/L		101	76 - 122
1,1-Dichloroethane	25.0	27.0		ug/L		108	77 - 120
1,1-Dichloroethene	25.0	29.1		ug/L		117	66 - 127
1,2,4-Trichlorobenzene	25.0	24.8		ug/L		99	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	18.2		ug/L		73	56 - 134
1,2-Dibromoethane	25.0	24.3		ug/L		97	77 - 120
1,2-Dichlorobenzene	25.0	24.8		ug/L		99	80 - 124
1,2-Dichloroethane	25.0	23.8		ug/L		95	75 - 120
1,2-Dichloropropane	25.0	28.3		ug/L		113	76 - 120
1,3-Dichlorobenzene	25.0	25.2		ug/L		101	77 - 120
1,4-Dichlorobenzene	25.0	24.7		ug/L		99	80 - 120
2-Butanone (MEK)	125	115		ug/L		92	57 - 140
2-Hexanone	125	104		ug/L		83	65 - 127
4-Methyl-2-pentanone (MIBK)	125	101		ug/L		81	71 - 125
Acetone	125	106		ug/L		84	56 - 142
Benzene	25.0	28.9		ug/L		116	71 - 124
Bromodichloromethane	25.0	26.1		ug/L		104	80 - 122
Bromoform	25.0	22.9		ug/L		92	61 - 132
Bromomethane	25.0	26.8		ug/L		107	55 - 144
Carbon disulfide	25.0	29.3		ug/L		117	59 - 134
Carbon tetrachloride	25.0	26.1		ug/L		105	72 - 134
Chlorobenzene	25.0	25.5		ug/L		102	80 - 120
Chloroethane	25.0	27.5		ug/L		110	69 - 136
Chloroform	25.0	26.2		ug/L		105	73 - 127
Chloromethane	25.0	25.3		ug/L		101	68 - 124
cis-1,2-Dichloroethene	25.0	28.4		ug/L		114	74 - 124
cis-1,3-Dichloropropene	25.0	27.3		ug/L		109	74 - 124
Cyclohexane	25.0	25.1		ug/L		100	59 - 135
Dibromochloromethane	25.0	23.2		ug/L		93	75 - 125
Dichlorodifluoromethane	25.0	19.0		ug/L		76	59 - 135
Ethylbenzene	25.0	25.2		ug/L		101	77 - 123
Isopropylbenzene	25.0	26.0		ug/L		104	77 - 122
Methyl acetate	50.0	43.4		ug/L		87	74 - 133
Methyl tert-butyl ether	25.0	25.3		ug/L		101	77 - 120
Methylcyclohexane	25.0	24.9		ug/L		100	68 - 134

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

Lab Sample ID: LCS 480-526598/6
Matrix: Water
Analysis Batch: 526598

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	27.6		ug/L		110	75 - 124
Styrene	25.0	25.3		ug/L		101	80 - 120
Tetrachloroethene	25.0	25.5		ug/L		102	74 - 122
Toluene	25.0	25.6		ug/L		103	80 - 122
trans-1,2-Dichloroethene	25.0	28.7		ug/L		115	73 - 127
trans-1,3-Dichloropropene	25.0	23.9		ug/L		96	80 - 120
Trichloroethene	25.0	27.5		ug/L		110	74 - 123
Trichlorofluoromethane	25.0	25.2		ug/L		101	62 - 150
Vinyl chloride	25.0	27.9		ug/L		111	65 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*77 - 120*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*
Dibromofluoromethane (Surr)	*108*		*75 - 123*
Toluene-d8 (Surr)	*104*		*80 - 120*

Lab Sample ID: 480-168725-5 MS
Matrix: Water
Analysis Batch: 526598

Client Sample ID: MW-18 041520
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		500	562		ug/L		112	73 - 126
1,1,2,2-Tetrachloroethane	ND		500	514		ug/L		103	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		500	579		ug/L		116	61 - 148
1,1,2-Trichloroethane	ND		500	523		ug/L		105	76 - 122
1,1-Dichloroethane	ND		500	568		ug/L		114	77 - 120
1,1-Dichloroethene	ND		500	613		ug/L		123	66 - 127
1,2,4-Trichlorobenzene	ND		500	477		ug/L		95	79 - 122
1,2-Dibromo-3-Chloropropane	ND		500	394		ug/L		79	56 - 134
1,2-Dibromoethane	ND		500	502		ug/L		100	77 - 120
1,2-Dichlorobenzene	ND		500	514		ug/L		103	80 - 124
1,2-Dichloroethane	ND		500	502		ug/L		100	75 - 120
1,2-Dichloropropane	ND	F1	500	604	F1	ug/L		121	76 - 120
1,3-Dichlorobenzene	ND		500	528		ug/L		106	77 - 120
1,4-Dichlorobenzene	ND		500	529		ug/L		106	78 - 124
2-Butanone (MEK)	ND		2500	2540		ug/L		102	57 - 140
2-Hexanone	ND		2500	2340		ug/L		94	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		2500	2180		ug/L		87	71 - 125
Acetone	ND		2500	2180		ug/L		87	56 - 142
Benzene	ND		500	617		ug/L		123	71 - 124
Bromodichloromethane	ND		500	550		ug/L		110	80 - 122
Bromoform	ND		500	480		ug/L		96	61 - 132
Bromomethane	ND		500	558		ug/L		112	55 - 144
Carbon disulfide	ND		500	616		ug/L		123	59 - 134
Carbon tetrachloride	ND		500	567		ug/L		113	72 - 134
Chlorobenzene	ND		500	522		ug/L		104	80 - 120
Chloroethane	ND		500	596		ug/L		119	69 - 136
Chloroform	ND		500	544		ug/L		109	73 - 127

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

Lab Sample ID: 480-168725-5 MS
Matrix: Water
Analysis Batch: 526598

Client Sample ID: MW-18 041520
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	ND		500	564		ug/L		113	68 - 124
cis-1,2-Dichloroethene	330		500	887		ug/L		111	74 - 124
cis-1,3-Dichloropropene	ND		500	547		ug/L		109	74 - 124
Cyclohexane	ND		500	561		ug/L		112	59 - 135
Dibromochloromethane	ND		500	483		ug/L		97	75 - 125
Dichlorodifluoromethane	ND		500	467		ug/L		93	59 - 135
Ethylbenzene	ND		500	513		ug/L		103	77 - 123
Isopropylbenzene	ND		500	531		ug/L		106	77 - 122
Methyl acetate	ND		1000	942		ug/L		94	74 - 133
Methyl tert-butyl ether	ND		500	523		ug/L		105	77 - 120
Methylcyclohexane	ND		500	567		ug/L		113	68 - 134
Methylene Chloride	ND		500	570		ug/L		114	75 - 124
Styrene	ND		500	521		ug/L		104	80 - 120
Tetrachloroethene	ND		500	525		ug/L		105	74 - 122
Toluene	ND		500	518		ug/L		104	80 - 122
trans-1,2-Dichloroethene	ND		500	608		ug/L		122	73 - 127
trans-1,3-Dichloropropene	ND		500	470		ug/L		94	80 - 120
Trichloroethene	1100	F1	500	1490	F1	ug/L		69	74 - 123
Trichlorofluoromethane	ND		500	554		ug/L		111	62 - 150
Vinyl chloride	ND		500	612		ug/L		122	65 - 133

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*
Dibromofluoromethane (Surr)	*112*		*75 - 123*
Toluene-d8 (Surr)	*106*		*80 - 120*

Lab Sample ID: 480-168725-5 MSD
Matrix: Water
Analysis Batch: 526598

Client Sample ID: MW-18 041520
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		500	560		ug/L		112	73 - 126	0	15
1,1,2,2-Tetrachloroethane	ND		500	484		ug/L		97	76 - 120	6	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		500	569		ug/L		114	61 - 148	2	20
1,1,2-Trichloroethane	ND		500	515		ug/L		103	76 - 122	2	15
1,1-Dichloroethane	ND		500	570		ug/L		114	77 - 120	0	20
1,1-Dichloroethene	ND		500	621		ug/L		124	66 - 127	1	16
1,2,4-Trichlorobenzene	ND		500	487		ug/L		97	79 - 122	2	20
1,2-Dibromo-3-Chloropropane	ND		500	372		ug/L		74	56 - 134	6	15
1,2-Dibromoethane	ND		500	496		ug/L		99	77 - 120	1	15
1,2-Dichlorobenzene	ND		500	502		ug/L		100	80 - 124	2	20
1,2-Dichloroethane	ND		500	493		ug/L		99	75 - 120	2	20
1,2-Dichloropropane	ND	F1	500	594		ug/L		119	76 - 120	2	20
1,3-Dichlorobenzene	ND		500	499		ug/L		100	77 - 120	6	20
1,4-Dichlorobenzene	ND		500	498		ug/L		100	78 - 124	6	20
2-Butanone (MEK)	ND		2500	2280		ug/L		91	57 - 140	11	20
2-Hexanone	ND		2500	2130		ug/L		85	65 - 127	10	15

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

Lab Sample ID: 480-168725-5 MSD
Matrix: Water
Analysis Batch: 526598

Client Sample ID: MW-18 041520
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4-Methyl-2-pentanone (MIBK)	ND		2500	2090		ug/L		84	71 - 125	4	35
Acetone	ND		2500	2010		ug/L		81	56 - 142	8	15
Benzene	ND		500	603		ug/L		121	71 - 124	2	13
Bromodichloromethane	ND		500	539		ug/L		108	80 - 122	2	15
Bromoform	ND		500	472		ug/L		94	61 - 132	2	15
Bromomethane	ND		500	557		ug/L		111	55 - 144	0	15
Carbon disulfide	ND		500	617		ug/L		123	59 - 134	0	15
Carbon tetrachloride	ND		500	557		ug/L		111	72 - 134	2	15
Chlorobenzene	ND		500	518		ug/L		104	80 - 120	1	25
Chloroethane	ND		500	585		ug/L		117	69 - 136	2	15
Chloroform	ND		500	539		ug/L		108	73 - 127	1	20
Chloromethane	ND		500	549		ug/L		110	68 - 124	3	15
cis-1,2-Dichloroethene	330		500	887		ug/L		111	74 - 124	0	15
cis-1,3-Dichloropropene	ND		500	537		ug/L		107	74 - 124	2	15
Cyclohexane	ND		500	555		ug/L		111	59 - 135	1	20
Dibromochloromethane	ND		500	478		ug/L		96	75 - 125	1	15
Dichlorodifluoromethane	ND		500	447		ug/L		89	59 - 135	4	20
Ethylbenzene	ND		500	513		ug/L		103	77 - 123	0	15
Isopropylbenzene	ND		500	517		ug/L		103	77 - 122	3	20
Methyl acetate	ND		1000	913		ug/L		91	74 - 133	3	20
Methyl tert-butyl ether	ND		500	536		ug/L		107	77 - 120	2	37
Methylcyclohexane	ND		500	555		ug/L		111	68 - 134	2	20
Methylene Chloride	ND		500	584		ug/L		117	75 - 124	2	15
Styrene	ND		500	516		ug/L		103	80 - 120	1	20
Tetrachloroethene	ND		500	525		ug/L		105	74 - 122	0	20
Toluene	ND		500	521		ug/L		104	80 - 122	1	15
trans-1,2-Dichloroethene	ND		500	611		ug/L		122	73 - 127	1	20
trans-1,3-Dichloropropene	ND		500	465		ug/L		93	80 - 120	1	15
Trichloroethene	1100	F1	500	1500	F1	ug/L		70	74 - 123	0	16
Trichlorofluoromethane	ND		500	550		ug/L		110	62 - 150	1	20
Vinyl chloride	ND		500	609		ug/L		122	65 - 133	0	15

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*77 - 120*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*
Dibromofluoromethane (Surr)	*111*		*75 - 123*
Toluene-d8 (Surr)	*102*		*80 - 120*

QC Association Summary

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

Job ID: 480-168725-1

GC/MS VOA

Analysis Batch: 526598

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-168725-1	MW-11 041520	Total/NA	Water	8260C	
480-168725-2	MW-10 041520	Total/NA	Water	8260C	
480-168725-3	MW-13 041520	Total/NA	Water	8260C	
480-168725-4	MW-24 041520	Total/NA	Water	8260C	
480-168725-5	MW-18 041520	Total/NA	Water	8260C	
480-168725-6	TRIP BLANK	Total/NA	Water	8260C	
MB 480-526598/8	Method Blank	Total/NA	Water	8260C	
LCS 480-526598/6	Lab Control Sample	Total/NA	Water	8260C	
480-168725-5 MS	MW-18 041520	Total/NA	Water	8260C	
480-168725-5 MSD	MW-18 041520	Total/NA	Water	8260C	

Lab Chronicle

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

Job ID: 480-168725-1

Client Sample ID: MW-11 041520
Lab Sample ID: 480-168725-1
Date Collected: 04/15/20 08:30
Matrix: Water
Date Received: 04/16/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		8	526598	04/18/20 04:44	CRL	TAL BUF

Client Sample ID: MW-10 041520
Lab Sample ID: 480-168725-2
Date Collected: 04/15/20 09:00
Matrix: Water
Date Received: 04/16/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	526598	04/18/20 05:08	CRL	TAL BUF

Client Sample ID: MW-13 041520
Lab Sample ID: 480-168725-3
Date Collected: 04/15/20 09:40
Matrix: Water
Date Received: 04/16/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		4	526598	04/18/20 05:33	CRL	TAL BUF

Client Sample ID: MW-24 041520
Lab Sample ID: 480-168725-4
Date Collected: 04/15/20 10:50
Matrix: Water
Date Received: 04/16/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	526598	04/18/20 05:57	CRL	TAL BUF

Client Sample ID: MW-18 041520
Lab Sample ID: 480-168725-5
Date Collected: 04/15/20 11:10
Matrix: Water
Date Received: 04/16/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		20	526598	04/18/20 06:21	CRL	TAL BUF

Client Sample ID: TRIP BLANK
Lab Sample ID: 480-168725-6
Date Collected: 04/15/20 00:00
Matrix: Water
Date Received: 04/16/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	526598	04/18/20 06:46	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: 480-168725-1
Project/Site: Former Accurate Die Cast

Laboratory: Eurofins TestAmerica, Buffalo

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

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

Method Summary

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

Job ID: 480-168725-1

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: 480-168725-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-168725-1	MW-11 041520	Water	04/15/20 08:30	04/16/20 08:00	
480-168725-2	MW-10 041520	Water	04/15/20 09:00	04/16/20 08:00	
480-168725-3	MW-13 041520	Water	04/15/20 09:40	04/16/20 08:00	
480-168725-4	MW-24 041520	Water	04/15/20 10:50	04/16/20 08:00	
480-168725-5	MW-18 041520	Water	04/15/20 11:10	04/16/20 08:00	
480-168725-6	TRIP BLANK	Water	04/15/20 00:00	04/16/20 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 TestAmerica

Syracuse

Client Information	Sampler: MARTin Koennecke	Lab PM: Schove, John R	Carrier Tracking No(s): #225	COC No: 480-144624-12806.1
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: john.schove@testamericainc.com		Page: Page 1 of 1
Company: O'Brien & Gere Inc of North America		Analysis Requested		Job #:
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:			Preservation Codes:
City: East Syracuse	TAT Requested (days):			A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, - NaHSO4, - MeOH, - Amchlor, - Ascorbic Acid, - Ice, - DI Water, - EDTA, - 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)
State, Zip: NY, 13221				
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 11900114			
Email: Yuri.Veliz@obg.com	WO #:			Other:
Project Name: Former Accurate Die Cast	Project #: 48008584			
Site:	SSOW#:			

480-168725 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)	8260C - TCL Volatiles	Total Number of	Special Instructions/Note:
			Preservation Code:				A		
MW 11 041520	4-15-20	8:30	G	Water			3		
MW 10 041520	4-15-20	9:00	G	Water			3		
MW 13 041520	4-15-20	9:40	G	Water			3		
MW 24 041520	4-15-20	10:50	G	Water			3		
MW 18 041520	4-15-20	11:10	G	Water			3		
QC TRIP BLANKS				Water			2		
RLF 4-15-20									

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	4-15-20/12:25	OBG	RENGLIN	4-15-20, 15:15	Syr
2	RLF 4/15/20	4-15-20, 19:00	Syr	[illegible]	4/16/20 0800	TAS
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: #2 2.9

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-168725-1

Login Number: 168725
List Number: 1
Creator: Stopa, Erik S

List Source: Eurofins TestAmerica, Buffalo

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