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ENVIRONMENT
& HEALTH

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

Date February 2, 2021

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

Dear Mr. Belveg:

This letter presents the status of groundwater treatment plant operations for the former Accurate Die Casting site (Site No. 734052) in Fayetteville, New York for the fourth quarter of 2020 (October 1 through December 31, 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 December 31, 2020, a total of 124,963,155 gallons of groundwater have been treated since startup on February 5, 1996. From October 1 to December 31, 2020, 668,249 gallons of groundwater were treated: 186,704 gallons from recovery well RW-1; 481,472 gallons from recovery well RW-2; and 73 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.

The analytical results associated with the SPDES Fact Sheet monitoring activities performed during October, November, and December 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 October 22, 2020, groundwater samples were collected and analyzed for volatile organic compounds from monitoring wells MW-5, MW-6, MW-9, MW-10, MW-11, MW-12, MW-13, MW-14, MW-15, MW-16, MW-17, MW-18, MW-21, MW-22, MW-24, PZ-1, and PZ-2. The groundwater elevations are presented in **Table 2** and the analytical results are summarized in **Tables 3** and **4**. The laboratory analytical data sheets are provided as **Attachment B**.

Activities Scheduled

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

If you have any questions regarding this report, please do not hesitate to call David Carnevale at (315) 350-9218.

Yours sincerely

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

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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

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

Analyte (units)	Monitoring Requirements															
	Discharge Limitation Daily Average	Discharge Limitation Daily Maximum	Minimum Measurement Frequency (1)	Sample Type	Effluent 10/1/2020	Effluent 10/2/2020	Effluent 10/5/2020	Effluent 10/8/2020	Effluent 10/9/2020	Effluent 10/12/2020	Effluent 10/16/2020	Effluent 10/19/2020	Effluent 10/20/2020	Effluent 10/24/2020	Effluent 10/30/2020	Effluent 11/2/2020	Effluent 11/6/2020
Flow (GPD)	Monitor	150000	Continuous	Meter	8710	8790	8644	6590	9006	8436	8156	7914	7812	7832	7675	7893	7606
pH (SU)	6.5-8.5		2/Week	Grab	8.2	8.2	8.2	8.1	8.2	8.2	8.2	8.3	8.2	8.2	8.2	8.2	8.2
Residue, non-filterable (mg/L)	Monitor	20	Weekly	3-hr comp.	---	---	4.0 U	---	---	---	4.0 U	---	4.0 U	---	4.0 U	---	4.0 U
Total dissolved solids (TDS) (mg/L)	Monitor	Monitor	Weekly	3-hr comp.	---	---	757	---	---	---	569	---	953	---	632	---	874
Mercury, total (mg/L)	Monitor	0.0008	Quarterly	3-hr comp.	---	---	---	---	---	---	---	---	---	---	---	---	---
Zinc, total (mg/L)	Monitor	0.3	Quarterly	3-hr comp.	---	---	---	---	---	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab	---	---	1.0 U	---	---	---	---	---	1.0 U	---	---	---	1.0 U
trans-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab	---	---	1.0 U	---	---	---	---	---	1.0 U	---	---	---	1.0 U
Methylene chloride (ug/L)	Monitor	20	2/Month	Grab	---	---	1.0 U	---	---	---	---	---	1.0 U	---	---	---	1.0 U
1,1,2,2-Tetrachloroethane (ug/L)	Monitor	10	2/Month	Grab	---	---	1.0 U	---	---	---	---	---	1.0 U	---	---	---	1.0 U
Tetrachloroethene (ug/L)	Monitor	10	2/Month	Grab	---	---	1.0 U	---	---	---	---	---	1.0 U	---	---	---	1.0 U
Toluene (ug/L)	Monitor	20	2/Month	Grab	---	---	1.0 U	---	---	---	---	---	1.0 U	---	---	---	1.0 U
Trichloroethene (ug/L)	Monitor	10	2/Month	Grab	---	---	1.0 U	---	---	---	---	---	1.0 U	---	---	---	1.0 U

Notes:
--- - 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.

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Table 1
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Fayetteville, New York
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Analyte (units)	Monitoring Requirements															
	Discharge Limitation Daily Average	Discharge Limitation Daily Maximum	Minimum Measurement Frequency (1)	Sample Type	Effluent 11/9/2020	Effluent 11/10/2020	Effluent 11/12/2020	Effluent 11/13/2020	Effluent 11/16/2020	Effluent 11/19/2020	Effluent 11/23/2020	Effluent 11/25/2020	Effluent 11/30/2020	Effluent 12/1/2020	Effluent 12/2/2020	Effluent 12/7/2020
Flow (GPD)	Monitor	150000	Continuous	Meter	7541	7523	7395	7370	7287	7172	7080	6959	6916	6984	6807	6896
pH (SU)	6.5-8.5		2/Week	Grab	8.2	8.3	8.4	8.2	8.3	8.2	8.3	8.4	8.2	8.3	8.2	8.3
Residue, non-filterable (mg/L)	Monitor	20	Weekly	3-hr comp.	---	4.0 U	---	---	4.0 U	---	4.0 U	---	2.5 U	---	---	2.5 U
Total dissolved solids (TDS) (mg/L)	Monitor	Monitor	Weekly	3-hr comp.	---	860	---	---	48	---	361	---	746	---	---	850
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.	---	---	---	---	---	---	---	---	---	---	---	0.0046 J B
cis-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab	---	---	---	---	1.0 U	---	---	---	---	---	---	1.0 U
trans-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab	---	---	---	---	1.0 U	---	---	---	---	---	---	1.0 U
Methylene chloride (ug/L)	Monitor	20	2/Month	Grab	---	---	---	---	1.0 U	---	---	---	---	---	---	1.0 U
1,1,2,2-Tetrachloroethane (ug/L)	Monitor	10	2/Month	Grab	---	---	---	---	1.0 U	---	---	---	---	---	---	1.0 U
Tetrachloroethene (ug/L)	Monitor	10	2/Month	Grab	---	---	---	---	1.0 U	---	---	---	---	---	---	1.0 U
Toluene (ug/L)	Monitor	20	2/Month	Grab	---	---	---	---	1.0 U	---	---	---	---	---	---	1.0 U
Trichloroethene (ug/L)	Monitor	10	2/Month	Grab	---	---	---	---	1.0 U	---	---	---	---	---	---	1.0 U

Notes:
--- - 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.

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

Analyte (units)	Monitoring Requirements												
	Discharge Limitation Daily Average	Discharge Limitation Daily Maximum	Minimum Measurement Frequency (1)	Sample Type	Effluent 12/9/2020	Effluent 12/11/2020	Effluent 12/14/2020	Effluent 12/17/2020	Effluent 12/21/2020	Effluent 12/22/2020	Effluent 12/23/2020	Effluent 12/28/2020	Effluent 12/29/2020
Flow (GPD)	Monitor	150000	Continuous	Meter	6839	6789	6689	6646	6502	6458	6437	6515	6896
pH (SU)	6.5-8.5		2/Week	Grab	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
Residue, non-filterable (mg/L)	Monitor	20	Weekly	3-hr comp.	---	---	---	2.5 U	4.0 U	---	---	4.0 U	---
Total dissolved solids (TDS) (mg/L)	Monitor	Monitor	Weekly	3-hr comp.	---	---	---	764	813	---	---	809	---
Mercury, total (mg/L)	Monitor	0.0008	Quarterly	3-hr comp.	---	---	---	---	---	---	---	---	---
Zinc, total (mg/L)	Monitor	0.3	Quarterly	3-hr comp.	---	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab	---	---	---	---	1.0 U	---	---	---	---
trans-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab	---	---	---	---	1.0 U	---	---	---	---
Methylene chloride (ug/L)	Monitor	20	2/Month	Grab	---	---	---	---	1.0 U	---	---	---	---
1,1,2,2-Tetrachloroethane (ug/L)	Monitor	10	2/Month	Grab	---	---	---	---	1.0 U	---	---	---	---
Tetrachloroethene (ug/L)	Monitor	10	2/Month	Grab	---	---	---	---	1.0 U	---	---	---	---
Toluene (ug/L)	Monitor	20	2/Month	Grab	---	---	---	---	1.0 U	---	---	---	---
Trichloroethene (ug/L)	Monitor	10	2/Month	Grab	---	---	---	---	1.0 U	---	---	---	---

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

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

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

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

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

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

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

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

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

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

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

Well ID	Ground Elevation (ft)	Well Casing Elevation (ft)	Screen Interval Elevation (ft)	Groundwater Elevation (ft) 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.
** - Groundwater elevations are representative of combined pumping head of both screened intervals.

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

Well ID	Ground Elevation (ft)	Well Casing Elevation (ft)	Screen Interval Elevation (ft)	Groundwater Elevation (ft) 5/8/2008	Groundwater Elevation (ft) 11/21/2008	Groundwater Elevation (ft) 4/22/2009	Groundwater Elevation (ft) 11/20/2009	Groundwater Elevation (ft) 4/30/2010	Groundwater Elevation (ft) 11/17/2010	Groundwater Elevation (ft) 5/12/2011	Groundwater Elevation (ft) 11/29/2011	Groundwater Elevation (ft) 5/22/2012	Groundwater Elevation (ft) 11/28/2012
MW-01	99.36	101.11	75.4 - 85.4	80.06	80.11	80.69	79.49	80.73	79.87	80.71	75.97	75.07	75.06
MW-02	91.8	94.68	76.6 - 86.6	---	---	83.26	83.24	83.13	83.6	NM	83.98	83.36	83.4
MW-03	97.65	99.63	73.7 - 83.7	---	---	---	---	---	---	---	---	---	---
MW-04	65.62	68.52	46.6 - 56.6	---	---	---	---	---	---	---	---	---	---
MW-05	88.21	90.42	49.2 - 59.2	60.72	60.24	60.86	60.32	60.7	60.62	62.32	60.66	60.54	60.02
MW-06	77.46	79.38	46.4 - 56.4	60.28	59.98	60.46	60.03	60.34	60.26	NM	60.26	60.16	59.78
MW-07 (B)	75.66	78.34	34.3 - 44.3	52.94	---	56.1	52.88	54.04	52.94	53.84	53.18	53.32	52.24
MW-08	88.21	91.78	53.9 - 63.9	66.82	66.88	66.5	61.93	65.94	64.7	NM	63	62.44	60.93
MW-09	102.44	104.03	49.7 - 59.7	60.33	60.53	60.49	60.03	60.37	60.27	61.9	60.25	60.19	59.76
MW-10 (B)	97.51	97.27	43 - 53	61.05	52.79	60.33	53.77	58.97	58.77	66.37	55.73	55.41	52.47
MW-11 (B)	91.48	93.8	43.1 - 53.1	60.32	52.42	59.4	52.98	57.95	57.84	64.85	54.56	54.2	51.58
MW-12	93.62	94.14	51.9 - 61.9	60.5	60.19	60.67	60.24	60.56	60.44	62.02	60.46	60.38	59.98
MW-13	98.8	98.7	77.7 - 87.7	78.23	DRY	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.
** - Groundwater elevations are representative of combined pumping head of both screened intervals.

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

Well ID	Ground Elevation (ft)	Well Casing Elevation (ft)	Screen Interval Elevation (ft)	Groundwater Elevation (ft) 4/18/2013	Groundwater Elevation (ft) 10/1/2013	Groundwater Elevation (ft) 4/16/2014	Groundwater Elevation (ft) 9/18/2014	Groundwater Elevation (ft) 3/31/2015	Groundwater Elevation (ft) 9/16/2015	Groundwater Elevation (ft) 3/22/2016	Groundwater Elevation (ft) 10/4/2016	Groundwater Elevation (ft) 4/26/2017	Groundwater Elevation (ft) 10/25/2017
MW-01	99.36	101.11	75.4 - 85.4	78.43	75.06	77.29	75.07	80.26	75.07	76.29	Dry	77.51	Dry
MW-02	91.8	94.68	76.6 - 86.6	84.68	83.36	85.18	83.06	85.18	83.06	84.26	83.38	84.66	83.22
MW-03	97.65	99.63	73.7 - 83.7	---	---	---	---	---	---	---	---	---	---
MW-04	65.62	68.52	46.6 - 56.6	---	---	---	---	---	---	---	---	---	---
MW-05	88.21	90.42	49.2 - 59.2	61.08	60.38	61.74	60.24	60.22	60.06	60.86	59.7	61.87	59.92
MW-06	77.46	79.38	46.4 - 56.4	60.98	60.04	61.35	59.94	60.02	59.88	60.46	59.52	61.34	59.74
MW-07 (B)	75.66	78.34	34.3 - 44.3	54.12	53.14	54.82	52.29	53.28	52.24	54.3	52.22	55.1	52.19
MW-08	88.21	91.78	53.9 - 63.9	65.6	62.66	68.38	61.32	63.93	61.36	66.44	59.78	69.74	60.54
MW-09	102.44	104.03	49.7 - 59.7	60.71	60.05	61.43	59.97	60.01	59.88	60.47	59.49	61.41	59.73
MW-10 (B)	97.51	97.27	43 - 53	58.67	55.39	61.91	54.73	54.25	54.85	59.77	52.77	64.23	53.71
MW-11 (B)	91.48	93.8	43.1 - 53.1	57.48	54.10	60.5	53.54	53.15	53.55	58.44	51.66	62.6	52.5
MW-12	93.62	94.14	51.9 - 61.9	60.88	60.24	61.56	60.16	60.22	60.09	60.66	59.7	61.58	59.92
MW-13	98.8	98.7	77.7 - 87.7	Dry	78.00	79.94	79.3	78.74	78.3	78.04	78	DRY	DRY
MW-14	98.76	100.62	74.6 - 84.6	82.54	82.82	82.8	82.88	84.8	83.2	83.06	82.7	82.76	82.74
MW-15 (B)	96.1	98.9	32.7 - 42.7	60.12	57.65	63.3	56.34	55.06	56.68	61.32	52.54	66.2	53.92
MW-16 (B)	98.5	100.85	50.8 - 60.8	67.15	64.75	69.49	64.19	64.2	64.29	67.45	61.5	71.99	62.6
MW-17	66.9	69.24	53.7 - 63.7	59.88	58.24	60.36	58.08	58.7	58	59.64	Dry	59.94	57.66
MW-18	76.5	78.29	61.5 - 71.5	74.27	71.07	74.83	70.77	73.63	70.23	73.59	69.39	73.93	69.91
MW-19	69.5	71.27	46.5 - 56.5	Dry	Dry	Dry	Dry	Dry	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.
** - Groundwater elevations are representative of combined pumping head of both screened intervals.

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

Well ID	Ground Elevation (ft)	Well Casing Elevation (ft)	Screen Interval Elevation (ft)	Groundwater Elevation (ft) 4/24/2018	Groundwater Elevation (ft) 10/4/2018	Groundwater Elevation (ft) 4/11/2019[1]	Groundwater Elevation (ft) 10/22/2019	Groundwater Elevation (ft) 4/15/2020	Groundwater Elevation (ft) 10/22/2020
MW-01	*99.36*	101.11	75.4 - 85.4	76.09	DRY	75.06	DRY	DRY	DRY
MW-02	91.8	94.68	76.6 - 86.6	83.94	84.32	83.72	84.6	83.7	83.94
MW-03	97.65	99.63	73.7 - 83.7	---	---	---	---	---	---
MW-04	65.62	68.52	46.6 - 56.6	---	---	---	---	---	---
MW-05	88.21	90.42	49.2 - 59.2	61.1	60.1	60.68	60.44	60.66	59.92
MW-06	77.46	79.38	46.4 - 56.4	60.62	59.86	60.36	60.12	60.34	59.78
MW-07 (B)	75.66	78.34	34.3 - 44.3	54.54	52.7	54.34	52.34	53.32	52.74
MW-08	88.21	91.78	53.9 - 63.9	67.92	62.12	64.76	61.88	64.7	60.88
MW-09	102.44	104.03	49.7 - 59.7	60.65	59.85	60.39	60.11	60.33	59.77
MW-10 (B)	97.51	97.27	43 - 53	61.75	54.41	58.57	55.35	58.35	54.01
MW-11 (B)	91.48	93.8	43.1 - 53.1	60.25	53.1	57.28	54.04	56.96	52.72
MW-12	93.62	94.14	51.9 - 61.9	60.82	60.04	60.56	60.3	60.52	59.98
MW-13	98.8	98.7	77.7 - 87.7	DRY	DRY	DRY	DRY	DRY	DRY
MW-14	98.76	100.62	74.6 - 84.6	82.56	82.78	83.18	82.7	82.38	82.62
MW-15 (B)	96.1	98.9	32.7 - 42.7	63.6	54.78	60.68	56.48	60.5	54.55
MW-16 (B)	98.5	100.85	50.8 - 60.8	69.13	63.59	66.57	64.21	66.29	63.25
MW-17	66.9	69.24	53.7 - 63.7	59.34	57.78	58.96	57.84	58.92	57.64
MW-18	76.5	78.29	61.5 - 71.5	73.49	70.69	73.21	71.31	73.09	69.97
MW-19	69.5	71.27	46.5 - 56.5	47.52	DRY	47.47	47.53	47.53	47.12
MW-20	70.98	73.34	51.9 - 61.9	---	---	---	---	---	---
MW-21	69.9	71.87	59.5 - 64.5	62.51	DRY	62.57	DRY	68.63	DRY
MW-22	71.5	73.34	60.9 - 65.9	69.28	68.98	69.74	69.34	69.69	68.74
MW-23 (B)	89.8	91.72	17.3 - 22.3	40.48	35.78	39.32	35.6	39.42	36.02
MW-24*			-	---	---	---	---	---	DRY
PZ-01	81.8	83.95	49.8 - 59.8	60.65	59.87	60.39	60.13	60.35	59.77
PZ-02	80.6	83.06	42.8 - 52.8	60.38	59.68	60.18	59.92	60.14	59.6
RW-01**	78.4	80.28	29.4 - 39.4, 45.4 - 50.4	34.34	34.18	33.08	34.73	35.28	34.38
RW-02 (B)	91.58	95.18	-	58.58	44.88	52.93	45.43	51.46	45.14
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.

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

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

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

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

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

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

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

Notes:
ND - Not detected above unknown MDL, U - Not detected above known MDL, --- - Not analyzed, NI - Not installed at time of monitoring, AB - Well was abandoned.
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-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-05 Trichloroethene UG/L	November-05 Trichloroethene ug/l	April-06 Trichloroethene ug/l	January-07 Trichloroethene ug/l	February-07 Trichloroethene ug/l	May-07 Trichloroethene ug/l	November-07 Trichloroethene ug/l	May-08 Trichloroethene ug/l	November-08 Trichloroethene ug/l
Location ID									
MW-01	---	---	---	---	---	---	---	---	---
MW-02	---	---	---	---	---	---	---	---	---
MW-03	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-04	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-05	---	75.0	---	75.2	---	---	88	---	84.6
MW-06	---	---	---	142	---	---	120	---	84.1
MW-07	---	---	---	---	---	---	---	---	---
MW-08	---	---	---	---	---	---	---	---	---
MW-09	---	83.3	---	86.9	---	---	88	---	77.2
MW-10	450	---	486	---	448	448	440	476	126
MW-11	390	---	469	---	407	390	380	293	746
MW-12	---	19.6	---	23	---	24	38	---	24.3
MW-13	200	---	265	---	265	282	310	251	---
MW-14	---	127	---	270	---	---	380	---	484
MW-15	---	0.50 U	---	0.54	---	---	0.82	---	0.5 U
MW-16	---	2.25	---	1.82	---	---	2.1	---	3.21
MW-17	---	---	---	132	---	---	240	---	210
MW-18	1300	---	1490	---	763	1590	1800	1160	1840
MW-20	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-21	---	10.6	---	6.17	---	---	7.2	---	12.2
MW-22	---	15.8	---	13.5	---	---	27	---	28.9
MW-23	---	---	---	---	---	---	---	---	---
MW-24	64	124	70.6	100	---	197	210	159	452
PZ-01	---	103	---	132	---	---	100	---	48.4
PZ-02	---	118	---	125	---	---	110	---	116

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

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

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

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

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

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

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

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

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

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

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

Location ID	Chemical Name / Sample Date	cis-1,2-Dichloroethene ug/l	Tetrachloroethene ug/l	Toluene ug/l	trans-1,2-Dichloroethene ug/l
MW-10	10/25/2017	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-10	10/22/2020	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-11	10/22/2020	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
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

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

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-15	10/21/1998	1 U	1 U	1 U	1 U
MW-15	10/19/1999	1 U	1 U	1 U	1 U
MW-15	11/9/2000	1 U	1 U	1 U	1 U
MW-15	11/8/2001	1 U	1 U	1 U	1 U
MW-15	10/11/2002	1 U	1 U	1 U	1 U
MW-15	12/8/2003	1 U	1 U	1 U	1 U
MW-15	12/28/2004	0.50 U	0.50 U	0.50 U	0.50 U
MW-15	11/9/2005	**2.19**	0.50 U	0.50 U	0.50 U
MW-15	1/2/2007	**1.8**	0.5 U	0.5 U	0.5 U
MW-15	11/29/2007	**1.7**	0.5 U	0.5 U	0.5 U
MW-15	11/1/2008	0.5 U	0.5 U	0.5 U	0.5 U
MW-15	11/20/2009	0.71	0.5 U	0.5 U	0.5 U
MW-15	11/17/2010	0.5 U	0.5 U	0.5 U	0.5 U
MW-15	11/29/2011	0.5 U	0.5 U	0.5 U	0.5 U
MW-15	11/28/2012	0.5 U	0.5 U	0.5 U	0.5 U
MW-15	10/1/2013	1 U	1 U	1 U	1 U
MW-15	9/18/2014	1 U	1 U	1 U	1 U
MW-15	9/16/2015	1 U	1 U	1 U	1 U
MW-15	10/6/2016	1 U	1 U	1 U	1 U
MW-15	10/25/2017	1 U	1 U	1 U	1 U
MW-15	10/4/2018	1 U	1 U	1 U	1 U
MW-15	10/22/2019	1 U	1 U	1 U	1 U
MW-15	10/22/2020	1 U	1 U	1 U	1 U
MW-16	10/22/1996	1 U	1 U	1 U	1 U
MW-16	10/22/1997	1 U	1 U	1 U	1 U
MW-16	10/21/1998	1 U	1 U	1 U	1 U
MW-16	10/19/1999	1 U	1 U	1 U	1 U
MW-16	11/9/2000	1 U	1 U	1 U	1 U
MW-16	11/8/2001	1 U	1 U	1 U	1 U
MW-16	10/11/2002	1 U	1 U	1 U	1 U
MW-16	12/8/2003	1 U	1 U	1 U	1 U
MW-16	12/28/2004	0.50 U	0.50 U	0.50 U	0.50 U
MW-16	11/9/2005	0.50 U	0.50 U	0.50 U	0.50 U
MW-16	1/2/2007	0.5 U	0.5 U	0.5 U	0.5 U
MW-16	11/29/2007	0.5 U	0.5 U	0.5 U	0.5 U
MW-16	11/1/2008	0.5 U	0.5 U	0.5 U	0.5 U
MW-16	11/20/2009	0.5 U	0.5 U	0.5 U	0.5 U
MW-16	11/17/2010	0.5 U	0.5 U	0.5 U	0.5 U
MW-16	11/29/2011	0.5 U	0.5 U	0.5 U	0.5 U
MW-16	11/28/2012	0.5 U	0.5 U	0.5 U	0.5 U
MW-16	10/1/2013	1 U	1 U	1 U	1 U
MW-16	9/18/2014	1 U	1 U	1 U	1 U
MW-16	9/16/2015	1 U	1 U	1 U	1 U
MW-16	10/6/2016	1 U	1 U	1 U	1 U
MW-16	10/25/0217	1 U	1 U	1 U	1 U
MW-16	10/4/2018	1 U	1 U	1 U	1 U
MW-16	10/22/2019	1 U	1 U	1 U	1 U
MW-16	10/22/2020	1 U	1 U	1 U	1 U
MW-17	1/17/1996	---	5 U	5 U	---
MW-17	4/10/1996	---	**20**	5 U	---
MW-17	7/16/1996	10 U	10 U	10 U	10 U
MW-17	10/22/1996	**7**	**12**	5 U	5 U
MW-17	1/16/1997	10 U	**22**	10 U	10 U
MW-17	4/15/1997	10 U	**15**	10 U	10 U
MW-17	7/8/1997	10 U	**18**	10 U	10 U
MW-17	1/29/1998	10 U	**12**	10 U	10 U
MW-17	4/15/1998	50 U	50 U	50 U	50 U
MW-17	10/20/1998	10 U	**17**	10 U	10 U
MW-17	4/29/1999	10 U	**23**	10 U	10 U
MW-17	10/19/1999	10 U	10 U	10 U	10 U
MW-17	4/6/2000	10 U	10 U	10 U	10 U
MW-17	11/9/2000	**15**	**7**	5 U	5 U
MW-17	7/3/2001	**10**	**7**	5 U	5 U
MW-17	11/10/2001	**10**	**8**	5 U	5 U
MW-17	10/11/2002	**22**	5 U	5 U	5 U

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	12/8/2003	10 U	10 U	10 U	10 U
MW-17	12/28/2004	**5.1**	**11**	5.0 U	5.0 U
MW-17	11/9/2005	**17.9**	**9.5**	2.50 U	2.50 U
MW-17	1/2/2007	**9.45**	**10.2**	2.5 U	2.5 U
MW-17	11/29/2007	**22**	**6.9**	0.5 U	0.5 U
MW-17	11/1/2008	**21.7**	**5.06**	0.5 U	0.5 U
MW-17	11/20/2009	**11.6**	**6.1**	5 U	5 U
MW-17	11/17/2010	2.4	**6.18**	1.25 U	1.25 U
MW-17	11/29/2011	**20.2**	**19.7**	5 U	5 U
MW-17	11/28/2012	**10.7**	**5.25**	2.5 U	2.5 U
MW-17	10/1/2013	**31**	**8.1**	1 U	1 U
MW-17	9/18/2014	**24**	**4.9J**	5 U	5 U
MW-17	9/16/2015	**16**	**5.9**	1 U	1 U
MW-17	10/6/2016	**18**	**5.2**	5 U	5 U
MW-17	10/25/2017	**29**	**4.4**	1 U	0.68 J
MW-17	10/4/2018	**23**	**4.1 J**	5 U	5 U
MW-17	10/22/2019	**29**	**4.3 J**	5 U	5 U
MW-17	10/22/2020	**25**	**4.3 J**	5 U	5 U
MW-18	5/29/1996	50 U	50 U	50 U	50 U
MW-18	10/22/1996	**81**	50 U	50 U	50 U
MW-18	1/16/1997	100 U	100 U	100 U	100 U
MW-18	4/16/1997	10 U	10 U	10 U	10 U
MW-18	7/8/1997	**66**	50 U	50 U	50 U
MW-18	10/23/1997	100 U	100 U	100 U	100 U
MW-18	1/29/1998	50 U	50 U	50 U	50 U
MW-18	4/16/1998	50 U	50 U	50 U	50 U
MW-18	10/21/1998	**160**	100 U	100 U	100 U
MW-18	4/29/1999	**37**	25 U	25 U	25 U
MW-18	10/19/1999	100 U	100 U	100 U	100 U
MW-18	4/6/2000	**14**	10 U	10 U	10 U
MW-18	11/9/2000	**100**	50 U	50 U	50 U
MW-18	7/3/2001	50 U	50 U	50 U	50 U
MW-18	11/10/2001	**120**	50 U	50 U	50 U
MW-18	4/4/2002	10 U	10 U	10 U	10 U
MW-18	10/15/2002	**310**	50 U	50 U	50 U
MW-18	5/1/2003	**130**	50 U	50 U	50 U
MW-18	12/8/2003	100 U	100 U	100 U	100 U
MW-18	7/19/2004	**140**	50 U	50 U	50 U
MW-18	4/8/2005	**120**	**0.51**	0.50 U	**0.86**
MW-18	4/21/2006	**127**	25 U	25 U	25 U
MW-18	2/7/2007	**68.5**	12.5 U	12.5 U	12.5 U
MW-18	5/31/2007	**136**	12.5 U	12.5 U	12.5 U
MW-18	11/29/2007	**190**	**0.51**	0.5 U	**0.86**
MW-18	5/1/2008	**108**	0.5 U	0.5 U	**0.81**
MW-18	11/1/2008	**148**	25 U	25 U	25 U
MW-18	04/22/2009	**79.5**	25 U	25 U	25 U
MW-18	11/20/2009	**125**	25 U	25 U	25 U
MW-18	04/30/2010	**38.5**	25 U	25 U	25 U
MW-18	11/17/2010	**99**	25 U	25 U	25 U
MW-18	5/21/2011	**73.5**	25 U	25 U	25 U
MW-18	11/29/2011	**109**	25 U	25 U	25 U
MW-18	5/22/2012	**74**	25 U	25 U	25 U
MW-18	11/28/2012	**144**	25 U	25 U	25 U
MW-18	4/18/2013	**70.5**	25 U	25 U	25 U
MW-18	10/1/2013	**210**	0.42 J	1 U	0.9 J
MW-18	4/16/2014	**76**	1 U	1.0 U	1 U
MW-18	9/18/2014	**270**	1 U	10 U	1 U
MW-18	3/31/2015	**210**	10 U	10 U	10 U
MW-18	9/16/2015	**430 F1**	10 U	10 U	10 U
MW-18	3/22/2016	**360**	25 U*	25 U	25 U
MW-18	10/6/2016	**500**	20 U	20 U	20 U
MW-18	4/27/2017	**180**	5 U	5 U	5U
MW-18	10/25/2017	**300**	5 U	5 U	**6.1**
MW-18	4/24/2018	**340**	20 U*	20 U	20 U
MW-18	10/4/2018	**510**	20 U	20 U	20 U
MW-18	5/1/2019	**290**	20 U	20 U	20 U
MW-18	10/22/2019	**440**	20 U	20 U	20 U
MW-18	4/15/2020	**330**	20 U	20 U	20 U
MW-18	10/22/2020	**470**	20 U	20 U	20 U

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-20	5/24/1996	**46**	1 U	1 U	1 U
MW-21	1/21/1997	**650**	100 U	100 U	100 U
MW-21	4/16/1997	**630**	50 U	50 U	50 U
MW-21	7/8/1997	**770**	50 U	50 U	50 U
MW-21	10/23/1997	**800**	50 U	50 U	50 U
MW-21	1/29/1998	**350**	10 U	10 U	10 U
MW-21	4/16/1998	**1400**	50 U	50 U	50 U
MW-21	10/21/1998	**340**	50 U	50 U	50 U
MW-21	4/29/1999	**2100**	100 U	100 U	100 U
MW-21	10/19/1999	**670**	20 U	20 U	20 U
MW-21	4/6/2000	**140**	5 U	5 U	5 U
MW-21	11/7/2000	**220**	5 U	5 U	5 U
MW-21	7/3/2001	**130**	5 U	5 U	5 U
MW-21	11/10/2001	**240**	5 U	5 U	5 U
MW-21	12/8/2003	**32**	1 U	1 U	1 U
MW-21	12/28/2004	**2.8**	0.50 U	0.50 U	0.50 U
MW-21	11/9/2005	**20**	0.50 U	0.50 U	0.50 U
MW-21	1/2/2007	**15.4**	0.5 U	0.5 U	0.5 U
MW-21	11/29/2007	**25**	0.5 U	0.5 U	0.5 U
MW-21	11/1/2008	**45.2**	0.5 U	0.5 U	0.5 U
MW-21	11/20/2009	**40.7**	1 U	1 U	1 U
MW-21	11/17/2010	**22.6**	1 U	1 U	1 U
MW-21	11/29/2011	**18.8**	0.5 U	0.5 U	0.5 U
MW-21	11/28/2012	**71**	2.5 U	2.5 U	2.5 U
MW-21	10/1/2013	**28**	1 U	1 U	1 U
MW-21	9/18/2014	**30**	1 U	1 U	1 U
MW-21	9/16/2015	40	1 U	1 U	1 U
MW-21	10/6/2016	**48**	1 U	1 U	1 U
MW-21	10/25/2017	**48**	1 U	1 U	1.3
MW-21	10/4/2018	**43**	1 U	1 U	1 U
MW-21	10/22/2019	**38**	1 U	1 U	1 U
MW-21	10/22/2020	**29**	1 U	1 U	1 U
MW-22	1/21/1997	**5**	1 U	1 U	1 U
MW-22	4/16/1997	**4**	1 U	1 U	1 U
MW-22	7/8/1997	**9**	1 U	1 U	1 U
MW-22	10/23/1997	**22**	1 U	1 U	1 U
MW-22	1/29/1998	**11**	1 U	1 U	1 U
MW-22	4/16/1998	**22**	1 U	1 U	1 U
MW-22	10/21/1998	**35**	1 U	1 U	1 U
MW-22	4/29/1999	**24**	1 U	1 U	1 U
MW-22	10/19/1999	**28**	1 U	1 U	1 U
MW-22	4/6/2000	**26**	1 U	1 U	1 U
MW-22	11/9/2000	**29**	1 U	1 U	1 U
MW-22	7/3/2001	**37**	1 U	1 U	1 U
MW-22	11/10/2001	**36**	1 U	1 U	1 U
MW-22	10/11/2002	**51**	1 U	1 U	1 U
MW-22	12/8/2003	**52**	2 U	2 U	2 U
MW-22	12/28/2004	**47**	1.0 U	1.0 U	**1.1**
MW-22	11/9/2005	**56.3**	1.00 U	1.00 U	1.00 U
MW-22	1/2/2007	**38.4**	1 U	1 U	1 U
MW-22	11/29/2007	**37**	0.5 U	0.5 U	**0.77**
MW-22	11/1/2008	**31.2**	0.5 U	0.5 U	**0.92**
MW-22	11/20/2009	**30.6**	1 U	1 U	1 U
MW-22	11/17/2010	**30.5**	1 U	1 U	1 U
MW-22	11/29/2011	**33.4**	0.5 U	0.5 U	**1.16**
MW-22	11/28/2012	**37.2**	1 U	1 U	**1.24**
MW-22	10/1/2013	**48**	1 U	1 U	**2.4**
MW-22	9/18/2014	**53**	1 U	1 U	**5**
MW-22	9/16/2015	**54**	1 U	1 U	**5.2**
MW-22	10/6/2016	**30**	1 U	1 U	**2.5**
MW-22	10/25/2017	**18**	1 U	1 U	**1.1**
MW-22	10/4/2018	**19**	1 U	1 U	**1.5**
MW-22	10/22/2019	**5.6**	1 U	1 U	1 U
MW-22	10/22/2020	**7**	1 U	1 U	**0.9 J**
MW-23	4/15/1997	1 U	1 U	1 U	1 U
MW-23	7/8/1997	1 U	1 U	1 U	1 U
MW-23	10/22/1997	1 U	1 U	1 U	1 U
MW-23	1/29/1998	1 U	1 U	1 U	1 U
MW-23	10/21/1998	1 U	1 U	1 U	1 U
MW-23	10/19/1999	1 U	1 U	1 U	1 U

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-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
MW-24	4/15/2020	**9**	5 U	5 U	5 U
MW-24	10/20/2020	**59**	5 U	5 U	5 U
PZ-01	10/21/1996	1 U	1 U	1 U	1 U
PZ-01	10/23/1997	1 U	1 U	1 U	1 U
PZ-01	10/20/1998	2 U	2 U	2 U	2 U
PZ-01	10/19/1999	10 U	10 U	10 U	10 U
PZ-01	11/7/2000	1 U	1 U	1 U	1 U
PZ-01	11/9/2001	2 U	2 U	2 U	2 U
PZ-01	10/10/2002	2 U	2 U	2 U	2 U
PZ-01	12/8/2003	5 U	5 U	5 U	5 U
PZ-01	12/28/2004	2.5 U	2.5 U	2.5 U	2.5 U
PZ-01	11/9/2005	2.50 U	2.50 U	2.50 U	2.50 U
PZ-01	1/2/2007	2.5 U	2.5 U	2.5 U	2.5 U
PZ-01	11/29/2007	0.5 U	0.5 U	0.5 U	0.5 U
PZ-01	11/1/2008	0.5 U	0.5 U	0.5 U	0.5 U
PZ-01	11/20/2009	0.5 U	0.5 U	0.5 U	0.5 U
PZ-01	11/17/2010	1 U	1 U	1 U	1 U
PZ-01	11/29/2011	2.5 U	2.5 U	2.5 U	2.5 U
PZ-01	11/28/2012	2.5 U	2.5 U	2.5 U	2.5 U
PZ-01	10/1/2013	1 U	1 U	1 U	1 U
PZ-01	9/18/2014	1 U	1 U	1 U	1 U
PZ-01	9/16/2015	1 U	1 U	1 U	1 U
PZ-01	10/6/0216	1 U	1 U	1 U	1 U
PZ-01	10/25/2017	1 U	1 U	1 U	1 U
PZ-01	10/4/2018	1 U	1 U	1 U	1 U
PZ-01	10/22/2019	1 U	1 U	1 U	1 U
PZ-01	10/22/2020	1 U	1 U	1 U	1 U

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

Location ID	Chemical Name / Sample Date	cis-1,2-Dichloroethene ug/l	Tetrachloroethene ug/l	Toluene ug/l	trans-1,2-Dichloroethene ug/l
PZ-02	10/21/1996	10 U	10 U	10 U	10 U
PZ-02	10/23/1997	10 U	10 U	10 U	10 U
PZ-02	10/20/1998	10 U	10 U	10 U	10 U
PZ-02	10/19/1999	1 U	1 U	1 U	1 U
PZ-02	11/9/2000	5 U	5 U	5 U	5 U
PZ-02	11/10/2001	5 U	5 U	5 U	5 U
PZ-02	10/11/2002	5 U	5 U	5 U	5 U
PZ-02	12/8/2003	5 U	5 U	5 U	5 U
PZ-02	12/28/2004	2.5 U	2.5 U	2.5 U	2.5 U
PZ-02	11/9/2005	2.50 U	2.50 U	2.50 U	2.50 U
PZ-02	1/2/2007	2.5 U	2.5 U	2.5 U	2.5 U
PZ-02	11/29/2007	**1.1**	**0.51**	0.5 U	0.5 U
PZ-02	11/1/2008	**1**	0.5 U	0.5 U	0.5 U
PZ-02	11/20/2009	2.5 U	2.5 U	2.5 U	2.5 U
PZ-02	11/17/2010	2.5 U	2.5 U	2.5 U	2.5 U
PZ-02	11/29/2011	2.5 U	2.5 U	2.5 U	2.5 U
PZ-02	11/28/2012	2.5 U	2.5 U	2.5 U	2.5 U
PZ-02	10//1/2013	1 U	**0.57 J**	1 U	1 U
PZ-02	9/18/2014	1 U	**0.47 J**	1 U	1 U
PZ-02	9/16/2015	1 U	**0.49 J**	1 U	1 U
PZ-02	10/6/2016	1 U	**0.48 J**	1 U	1 U
PZ-02	10/25/2017	**0.51 J**	**0.50 J**	1 U	1 U
PZ-02	10/4/2018	1 U	**0.46 J**	1 U	1 U
PZ-02	10/22/2019	1 U	**0.51 J**	1 U	1 U
PZ-02	10/22/2020	1 U	**0.49 J**	1 U	1 U

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

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

ATTACHMENT A

EFFLUENT MONITORING LABORATORY REPORTS

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 480-176010-1
Client Project/Site: Former Accurate Die Cast

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

Attn: Mr. David J Carnevale

Authorized for release by:
10/9/2020 7:43:26 AM
Rebecca Jones, Project Management Assistant I
Rebecca.Jones@Eurofinset.com

Designee for

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

Table of Contents

Definitions/Glossary

Client: O'Brien & Gere Inc of North America
Job ID: 480-176010-1
Project/Site: Former Accurate Die Cast

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
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: 480-176010-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-176010-1

Comments
No additional comments.

Receipt
The samples were received on 10/6/2020 9:30 AM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.1º C.

GC/MS VOA
Method 8260C: The continuing calibration verification (CCV) associated with batch 480-552649 recovered above the upper control limit for Methylene Chloride, Trichloroethene and trans-1,2-Dichloroethene. The samples associated with this CCV were not detected above the reporting limit (RL) for the affected analytes; therefore, the data have been reported. The associated samples are impacted: BETWEEN CARBONS 100520 (480-176010-2) and EFFLUENT - GRAB 100520 (480-176010-3).

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-552649 recovered above the upper control limit for cis-1,2-Dichloroethene. 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 - GRAB 100520 (480-176010-3).

Method 8260C: The continuing calibration verification (CCV) analyzed in 480-552649 was outside the method criteria for the following analyte(s): cis-1,2-Dichloroethene. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated: BETWEEN CARBONS 100520 (480-176010-2).

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
Job ID: 480-176010-1
Project/Site: Former Accurate Die Cast

Client Sample ID: EFFLUENT - COMP 100520 — Lab Sample ID: 480-176010-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	757		10.0	4.0	mg/L	1		SM2540 C	Total/NA

Client Sample ID: BETWEEN CARBONS 100520 — Lab Sample ID: 480-176010-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.5		1.0	0.81	ug/L	1		8260C	Total/NA
Trichloroethene	0.53	J	1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: EFFLUENT - GRAB 100520 — Lab Sample ID: 480-176010-3

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: EFFLUENT - COMP 100520
Lab Sample ID: 480-176010-1

Date Collected: 10/05/20 07:20
Matrix: Wastewater
Date Received: 10/06/20 09:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**757**		10.0	4.0	mg/L			10/06/20 18:37	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			10/06/20 19:54	1

Client Sample ID: BETWEEN CARBONS 100520
Lab Sample ID: 480-176010-2

Date Collected: 10/05/20 07:20
Matrix: Wastewater
Date Received: 10/06/20 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/07/20 04:04	1
cis-1,2-Dichloroethene	**2.5**		1.0	0.81	ug/L			10/07/20 04:04	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/07/20 04:04	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/07/20 04:04	1
Toluene	ND		1.0	0.51	ug/L			10/07/20 04:04	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/07/20 04:04	1
Trichloroethene	**0.53**	**J**	1.0	0.46	ug/L			10/07/20 04:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*77 - 120*		*10/07/20 04:04*	*1*
4-Bromofluorobenzene (Surr)	*108*		*73 - 120*		*10/07/20 04:04*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*10/07/20 04:04*	*1*
Dibromofluoromethane (Surr)	*117*		*75 - 123*		*10/07/20 04:04*	*1*

Client Sample ID: EFFLUENT - GRAB 100520
Lab Sample ID: 480-176010-3

Date Collected: 10/05/20 07:20
Matrix: Wastewater
Date Received: 10/06/20 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/07/20 04:26	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/07/20 04:26	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/07/20 04:26	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/07/20 04:26	1
Toluene	ND		1.0	0.51	ug/L			10/07/20 04:26	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/07/20 04:26	1
Trichloroethene	ND		1.0	0.46	ug/L			10/07/20 04:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*77 - 120*		*10/07/20 04:26*	*1*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*10/07/20 04:26*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*10/07/20 04:26*	*1*
Dibromofluoromethane (Surr)	*114*		*75 - 123*		*10/07/20 04:26*	*1*

Surrogate Summary

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

Job ID: 480-176010-1

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)
480-176010-2	BETWEEN CARBONS 100520	114	108	101	117
480-176010-3	EFFLUENT - GRAB 100520	110	105	98	114

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 480-552649/6	Lab Control Sample	106	105	98	113
MB 480-552649/8	Method Blank	109	105	100	113

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 480-552649/8
Matrix: Water
Analysis Batch: 552649

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/06/20 21:09	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/06/20 21:09	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/06/20 21:09	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/06/20 21:09	1
Toluene	ND		1.0	0.51	ug/L			10/06/20 21:09	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/06/20 21:09	1
Trichloroethene	ND		1.0	0.46	ug/L			10/06/20 21:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*77 - 120*		*10/06/20 21:09*	*1*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*10/06/20 21:09*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*10/06/20 21:09*	*1*
Dibromofluoromethane (Surr)	*113*		*75 - 123*		*10/06/20 21:09*	*1*

Lab Sample ID: LCS 480-552649/6
Matrix: Water
Analysis Batch: 552649

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	25.2		ug/L		101	76 - 120
cis-1,2-Dichloroethene	25.0	28.7		ug/L		115	74 - 124
Methylene Chloride	25.0	30.1		ug/L		120	75 - 124
Tetrachloroethene	25.0	28.4		ug/L		113	74 - 122
Toluene	25.0	25.9		ug/L		104	80 - 122
trans-1,2-Dichloroethene	25.0	29.7		ug/L		119	73 - 127
Trichloroethene	25.0	29.0		ug/L		116	74 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 120*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*
Toluene-d8 (Surr)	*98*		*80 - 120*
Dibromofluoromethane (Surr)	*113*		*75 - 123*

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

Lab Sample ID: MB 480-552719/1
Matrix: Water
Analysis Batch: 552719

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		1.0	1.0	mg/L			10/06/20 19:54	1

Lab Sample ID: LCS 480-552719/2
Matrix: Water
Analysis Batch: 552719

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	274	266.8		mg/L		97	88 - 110

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

Job ID: 480-176010-1

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-552716/1
Matrix: Water
Analysis Batch: 552716

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10.0	4.0	mg/L			10/06/20 18:37	1

Lab Sample ID: LCS 480-552716/2
Matrix: Water
Analysis Batch: 552716

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	492.0		mg/L		98	85 - 115		

QC Association Summary

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

Job ID: 480-176010-1

GC/MS VOA

Analysis Batch: 552649

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-176010-2	BETWEEN CARBONS 100520	Total/NA	Wastewater	8260C	
480-176010-3	EFFLUENT - GRAB 100520	Total/NA	Wastewater	8260C	
MB 480-552649/8	Method Blank	Total/NA	Water	8260C	
LCS 480-552649/6	Lab Control Sample	Total/NA	Water	8260C	

General Chemistry

Analysis Batch: 552716

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-176010-1	EFFLUENT - COMP 100520	Total/NA	Wastewater	SM2540 C	
MB 480-552716/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-552716/2	Lab Control Sample	Total/NA	Water	SM2540 C	

Analysis Batch: 552719

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-176010-1	EFFLUENT - COMP 100520	Total/NA	Wastewater	SM 2540D	
MB 480-552719/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-552719/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Job ID: 480-176010-1
Project/Site: Former Accurate Die Cast

Client Sample ID: EFFLUENT - COMP 100520
Lab Sample ID: 480-176010-1
Date Collected: 10/05/20 07:20
Matrix: Wastewater
Date Received: 10/06/20 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	552719	10/06/20 19:54	E1T	TAL BUF
Total/NA	Analysis	SM2540 C		1	552716	10/06/20 18:37	E1T	TAL BUF

Client Sample ID: BETWEEN CARBONS 100520
Lab Sample ID: 480-176010-2
Date Collected: 10/05/20 07:20
Matrix: Wastewater
Date Received: 10/06/20 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	552649	10/07/20 04:04	LCH	TAL BUF

Client Sample ID: EFFLUENT - GRAB 100520
Lab Sample ID: 480-176010-3
Date Collected: 10/05/20 07:20
Matrix: Wastewater
Date Received: 10/06/20 09:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	552649	10/07/20 04:26	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: 480-176010-1
Project/Site: Former Accurate Die Cast

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-01-21

Method Summary

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

Job ID: 480-176010-1

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: 480-176010-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-176010-1	EFFLUENT - COMP 100520	Wastewater	10/05/20 07:20	10/06/20 09:30	
480-176010-2	BETWEEN CARBONS 100520	Wastewater	10/05/20 07:20	10/06/20 09:30	
480-176010-3	EFFLUENT - GRAB 100520	Wastewater	10/05/20 07:20	10/06/20 09:30	

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: Giacomazza, Joe V	Carrier Tracking No(s):	COC No: 480-145293-10588.1
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: joe.giacomazza@testamericainc.com		Page: Page 1 of 1
Company: O'Brien & Gere Inc of North America				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 #: 12000090			
Email: yuri.veliz@ramboll.com	WO #:			
Project Name: Former Accurate Die Cast	Project #: 48008584			
Site: New York	SSOW#:			

Analysis Requested

Preservation Codes:

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

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	2540D - Total Suspended Solids	2540C_Calcd - Total Dissolved Solids	8260C - Volatile Organic Compounds	Total Number of containers	Special Instructions/Note:
Preservation Code:							N	N	A		
Effluent 100520	10-5-20	7:20	C	Water			1	1		2	
Between Carbons 100520	10-5-20	7:20	G	Water					3		
Effluent 100520	10-5-20	7:20	G	water					3		
RL 10.5.20											

480-176010 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 Koenecke	Date/Time: 10-5-20 / 9:35	Company: OBG	Received by:	Date/Time: 10-5-20 9:35	Company
Relinquished by: RELINQUISHED	Date/Time: 10.5.20, 1900	Company: RJL	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10/6/20 930	Company: TAB

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: 480-176010-1

Login Number: 176010

List Source: Eurofins TestAmerica, Buffalo

List Number: 1

Creator: Sabuda, Brendan D

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.1 #1 ICE
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	True	

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ANALYTICAL REPORT

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

Laboratory Job ID: 480-176697-1
Client Project/Site: Former Accurate Die Cast

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

Attn: Mr. David J Carnevale

Joseph V. Giacomazza

Authorized for release by:
10/26/2020 9:03:43 AM

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

Table of Contents

Definitions/Glossary

Client: O'Brien & Gere Inc of North America
Job ID: 480-176697-1
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: 480-176697-1

Job ID: 480-176697-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-176697-1

Comments
No additional comments.

Receipt
The samples were received on 10/17/2020 10:00 AM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 2.6º C, 2.7º C and 2.8º C.

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

Detection Summary

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

Job ID: 480-176697-1

Client Sample ID: Effluent 101620

Lab Sample ID: 480-176697-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	569		10.0	4.0	mg/L	1		SM2540 C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

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

Job ID: 480-176697-1

Client Sample ID: Effluent 101620
Date Collected: 10/16/20 06:45
Date Received: 10/17/20 10:00

Lab Sample ID: 480-176697-1
Matrix: Wastewater

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**569**		10.0	4.0	mg/L			10/20/20 00:05	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			10/20/20 13:59	1

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

Job ID: 480-176697-1

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

Lab Sample ID: MB 480-554812/1
Matrix: Water
Analysis Batch: 554812

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		1.0	1.0	mg/L			10/20/20 13:59	1

Lab Sample ID: LCS 480-554812/2
Matrix: Water
Analysis Batch: 554812

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			538	528.8		mg/L		98	88 - 110		

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-554680/1
Matrix: Water
Analysis Batch: 554680

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10.0	4.0	mg/L			10/20/20 00:05	1

Lab Sample ID: LCS 480-554680/2
Matrix: Water
Analysis Batch: 554680

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	506.0		mg/L		101	85 - 115		

QC Association Summary

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

Job ID: 480-176697-1

General Chemistry

Analysis Batch: 554680

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-176697-1	Effluent 101620	Total/NA	Wastewater	SM2540 C	
MB 480-554680/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-554680/2	Lab Control Sample	Total/NA	Water	SM2540 C	

Analysis Batch: 554812

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-176697-1	Effluent 101620	Total/NA	Wastewater	SM 2540D	
MB 480-554812/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-554812/2	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: 480-176697-1

Client Sample ID: Effluent 101620
Date Collected: 10/16/20 06:45
Date Received: 10/17/20 10:00

Lab Sample ID: 480-176697-1
Matrix: Wastewater

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	554812	10/20/20 13:59	CSS	TAL BUF
Total/NA	Analysis	SM2540 C		1	554680	10/20/20 00:05	SRW	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: 480-176697-1
Project/Site: Former Accurate Die Cast

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-01-21

Method Summary

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

Job ID: 480-176697-1

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: 480-176697-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-176697-1	Effluent 101620	Wastewater	10/16/20 06:45	10/17/20 10:00	

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

Chain of Custody Record

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Syracuse #225

Client Information	Sampler: Martin Koenrake	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-145320-10586.1
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 #: 12000090			
Email: yuri.veliz@ramboll.com	WO #:			
Project Name: Former Accurate Die Cast	Project #: 48008584			
Site: New York	SSOW#:			

Analysis Requested

Preservation Codes:

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

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	2540D - Total Suspended Solids	2540C_Calcd - Total Dissolved Solids	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
Effluent 10/16 20	10-16-20	6:45	C	Water			1	1	2	

RE
10-16-20

480-176697 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 Koenrake	10-16-20 / 10:00	OBG		10-17-20	TAB
2	RELINQUISHED	10/16-20, 1900				
3						

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

Ver: 01/16/2019

2.8 2.6 2.2

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-176697-1

Login Number: 176697

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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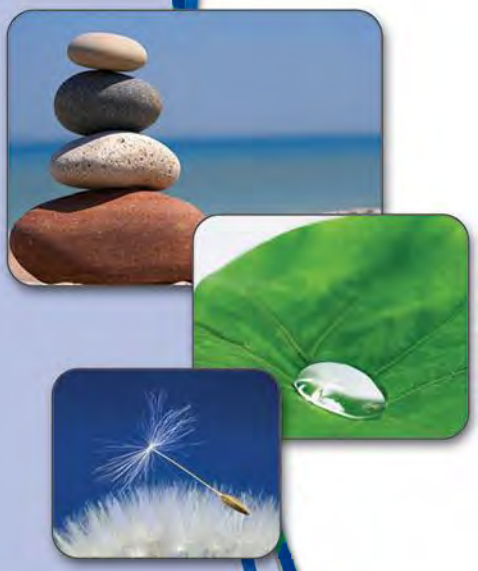

ANALYTICAL REPORT

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

Laboratory Job ID: 480-176812-1
Client Project/Site: Former Accurate Die Cast

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

Attn: Mr. David J Carnevale

Joseph V. Giacomazza

Authorized for release by:
10/30/2020 9:17:55 AM

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

Table of Contents

Glossary

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

Job ID: 480-176812-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-176812-1

Comments
No additional comments.

Receipt
The samples were received on 10/21/2020 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 3.0º 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: 480-176812-1

Client Sample ID: EFFLUENT 102020 COMP — Lab Sample ID: 480-176812-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	953		10.0	4.0	mg/L	1		SM2540 C	Total/NA

Client Sample ID: EFFLUENT 102020 GRAB — Lab Sample ID: 480-176812-2

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: EFFLUENT 102020 COMP

Lab Sample ID: 480-176812-1
Date Collected: 10/20/20 07:10
Matrix: Water
Date Received: 10/21/20 08:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**953**		10.0	4.0	mg/L			10/24/20 19:14	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			10/22/20 15:07	1

Client Sample ID: EFFLUENT 102020 GRAB

Lab Sample ID: 480-176812-2
Date Collected: 10/20/20 07:10
Matrix: Water
Date Received: 10/21/20 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			10/23/20 23:06	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/23/20 23:06	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/23/20 23:06	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/23/20 23:06	1
Toluene	ND		1.0	0.51	ug/L			10/23/20 23:06	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/23/20 23:06	1
Trichloroethene	ND		1.0	0.46	ug/L			10/23/20 23:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*77 - 120*		*10/23/20 23:06*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*10/23/20 23:06*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*10/23/20 23:06*	*1*
Dibromofluoromethane (Surr)	*93*		*75 - 123*		*10/23/20 23:06*	*1*

Surrogate Summary

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

Job ID: 480-176812-1

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)
480-176812-2	EFFLUENT 102020 GRAB	90	100	101	93
LCS 480-555490/6	Lab Control Sample	90	101	100	94
MB 480-555490/8	Method Blank	92	100	100	93

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 480-555490/8
Matrix: Water
Analysis Batch: 555490

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/23/20 22:43	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/23/20 22:43	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/23/20 22:43	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/23/20 22:43	1
Toluene	ND		1.0	0.51	ug/L			10/23/20 22:43	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/23/20 22:43	1
Trichloroethene	ND		1.0	0.46	ug/L			10/23/20 22:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*77 - 120*		*10/23/20 22:43*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*10/23/20 22:43*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*10/23/20 22:43*	*1*
Dibromofluoromethane (Surr)	*93*		*75 - 123*		*10/23/20 22:43*	*1*

Lab Sample ID: LCS 480-555490/6
Matrix: Water
Analysis Batch: 555490

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2,2-Tetrachloroethane	25.0	23.6		ug/L		94	76 - 120
cis-1,2-Dichloroethene	25.0	22.0		ug/L		88	74 - 124
Methylene Chloride	25.0	22.9		ug/L		91	75 - 124
Tetrachloroethene	25.0	21.5		ug/L		86	74 - 122
Toluene	25.0	22.2		ug/L		89	80 - 122
trans-1,2-Dichloroethene	25.0	22.1		ug/L		88	73 - 127
Trichloroethene	25.0	21.6		ug/L		86	74 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*90*		*77 - 120*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*
Toluene-d8 (Surr)	*100*		*80 - 120*
Dibromofluoromethane (Surr)	*94*		*75 - 123*

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

Lab Sample ID: MB 480-555276/1
Matrix: Water
Analysis Batch: 555276

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		1.0	1.0	mg/L			10/22/20 15:07	1

Lab Sample ID: LCS 480-555276/2
Matrix: Water
Analysis Batch: 555276

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	651	646.8		mg/L		99	88 - 110

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

Job ID: 480-176812-1

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-555629/1
Matrix: Water
Analysis Batch: 555629

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10.0	4.0	mg/L			10/24/20 19:14	1

Lab Sample ID: LCS 480-555629/2
Matrix: Water
Analysis Batch: 555629

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	505.0		mg/L		101	85 - 115		

QC Association Summary

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

Job ID: 480-176812-1

GC/MS VOA

Analysis Batch: 555490

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-176812-2	EFFLUENT 102020 GRAB	Total/NA	Water	8260C	
MB 480-555490/8	Method Blank	Total/NA	Water	8260C	
LCS 480-555490/6	Lab Control Sample	Total/NA	Water	8260C	

General Chemistry

Analysis Batch: 555276

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-176812-1	EFFLUENT 102020 COMP	Total/NA	Water	SM 2540D	
MB 480-555276/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-555276/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 555629

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-176812-1	EFFLUENT 102020 COMP	Total/NA	Water	SM2540 C	
MB 480-555629/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-555629/2	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: 480-176812-1

Client Sample ID: EFFLUENT 102020 COMP

Lab Sample ID: 480-176812-1

Date Collected: 10/20/20 07:10

Matrix: Water

Date Received: 10/21/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	555276	10/22/20 15:07	CSS	TAL BUF
Total/NA	Analysis	SM2540 C		1	555629	10/24/20 19:14	CSS	TAL BUF

Client Sample ID: EFFLUENT 102020 GRAB

Lab Sample ID: 480-176812-2

Date Collected: 10/20/20 07:10

Matrix: Water

Date Received: 10/21/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	555490	10/23/20 23:06	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: 480-176812-1
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	10-28-20

Method Summary

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

Job ID: 480-176812-1

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: 480-176812-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-176812-1	EFFLUENT 102020 COMP	Water	10/20/20 07:10	10/21/20 08:00	
480-176812-2	EFFLUENT 102020 GRAB	Water	10/20/20 07:10	10/21/20 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

Client Information	Sampler: Martin Koenecke	Lab PM: Giacomazza, Joe V	Carrier Tracking No(s): Syracuse	COC No: 480-145307-10587.1
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: joe.giacomazza@testamericainc.com		Page: Page 1 of 1
Company: O'Brien & Gere Inc of North America		Analysis Requested #225		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 #: 12000090			
Email: yuri.veliz@ramboll.com	WO #:			
Project Name: Former Accurate Die Cast	Project #: 48008584			
Site: New York	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	2540D - Total Suspended Solids	2540C_Calcd - Total Dissolved Solids	8260C - Volatile Organic Compounds	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	A		
Effluent 102020	10-20-20	17:10	C	Water			1	1		2	
Effluent 102020	10-20-20	17:10	G	water					3	3	

RE 10.20.20

480-176812 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 Koenecke	10-20-20 / 10:40	OBG		10/20/20 1040	Eurofins
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	10-21-20 08:20	TA

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.0 #1

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-176812-1

Login Number: 176812

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	3.0 #1 ICE
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	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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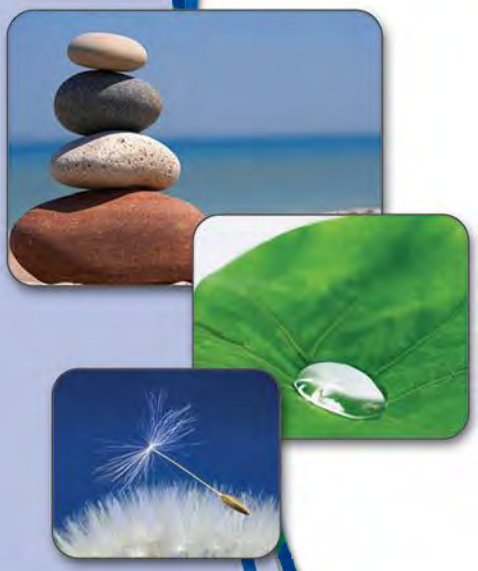

ANALYTICAL REPORT

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

Laboratory Job ID: 480-177366-1
Client Project/Site: Former Accurate Die Cast

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

Attn: Mr. David J Carnevale

Joseph V. Giacomazza

Authorized for release by:
11/13/2020 9:21:10 AM

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

Table of Contents

Definitions/Glossary

Client: O'Brien & Gere Inc of North America
Job ID: 480-177366-1
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: 480-177366-1

Job ID: 480-177366-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-177366-1

Comments
No additional comments.

Receipt
The sample was received on 10/31/2020 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 2.8º C.

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

Detection Summary

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

Job ID: 480-177366-1

Client Sample ID: EFFLUENT 103020

Lab Sample ID: 480-177366-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	632		10.0	4.0	mg/L	1		SM2540 C	Total/NA

This Detection Summary does not include radiochemical test results.

Client: O'Brien & Gere Inc of North America
Job ID: 480-177366-1
Project/Site: Former Accurate Die Cast

Client Sample ID: EFFLUENT 103020
Lab Sample ID: 480-177366-1
Date Collected: 10/30/20 07:15
Matrix: Water
Date Received: 10/31/20 08:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**632**		10.0	4.0	mg/L			11/06/20 20:47	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			11/04/20 11:40	1

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

Job ID: 480-177366-1

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

Lab Sample ID: MB 480-557176/1
Matrix: Water
Analysis Batch: 557176

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		1.0	1.0	mg/L			11/04/20 11:40	1

Lab Sample ID: LCS 480-557176/2
Matrix: Water
Analysis Batch: 557176

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			604	574.0		mg/L		95	88 - 110		

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-557925/1
Matrix: Water
Analysis Batch: 557925

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10.0	4.0	mg/L			11/06/20 20:47	1

Lab Sample ID: LCS 480-557925/2
Matrix: Water
Analysis Batch: 557925

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			495	485.0		mg/L		98	85 - 115		

QC Association Summary

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

Job ID: 480-177366-1

General Chemistry

Analysis Batch: 557176

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-177366-1	EFFLUENT 103020	Total/NA	Water	SM 2540D	
MB 480-557176/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-557176/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 557925

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-177366-1	EFFLUENT 103020	Total/NA	Water	SM2540 C	
MB 480-557925/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-557925/2	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: 480-177366-1

Client Sample ID: EFFLUENT 103020
Date Collected: 10/30/20 07:15
Date Received: 10/31/20 08:00

Lab Sample ID: 480-177366-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	557176	11/04/20 11:40	CSS	TAL BUF
Total/NA	Analysis	SM2540 C		1	557925	11/06/20 20:47	T1S	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: 480-177366-1
Project/Site: Former Accurate Die Cast

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-01-21

Method Summary

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

Job ID: 480-177366-1

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: 480-177366-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-177366-1	EFFLUENT 103020	Water	10/30/20 07:15	10/31/20 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

Client Information	Sampler: MARTIN Koenwecke	Lab PM: Giacomazza, Joe V	Carrier Tracking No(s): Syracuse #225	COC No: 480-145329-10586.1
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: joe.giacomazza@testamericainc.com		Page: Page 1 of 1
Company: O'Brien & Gere Inc of North America				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 #: 12000090	
Email: yuri.veliz@ramboll.com	WO #:	
Project Name: Former Accurate Die Cast	Project #: 48008584	
Site: New York	SSOW#:	

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	2540D - Total Suspended Solids	2540C_Calcd - Total Dissolved Solids	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
Effluent 103020	10-30-20	7:15	C	Water			1	1	2	

10-30-20 RC

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

480-177366 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
Mark Koenecke	10-30-20 / 9:45	OBG	RC-ing	10-30-20, 0945	Syr
RC-ing	10-30-20, 1900	Syr	[illegible]	10/31/20 0800	TAB

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: 480-177366-1

Login Number: 177366

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: 480-177787-1
Client Project/Site: Former Accurate Die Cast

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

Attn: Mr. David J Carnevale

Joseph V. Giacomazza

Authorized for release by:
11/20/2020 8:51:16 AM

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

Table of Contents

Glossary

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

Job ID: 480-177787-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-177787-1

Comments
No additional comments.

Receipt
The samples were received on 11/7/2020 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 2.8º 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
Job ID: 480-177787-1
Project/Site: Former Accurate Die Cast

Client Sample ID: EFFLUENT-110620 - COMP
Lab Sample ID: 480-177787-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	874		10.0	4.0	mg/L	1		SM2540 C	Total/NA

Client Sample ID: BETWEEN CARBONS 110620
Lab Sample ID: 480-177787-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.4		1.0	0.81	ug/L	1		8260C	Total/NA
Trichloroethene	1.8		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: EFFLUENT-110620 - GRAB
Lab Sample ID: 480-177787-3

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: EFFLUENT-110620 - COMP
Lab Sample ID: 480-177787-1

Date Collected: 11/06/20 07:00
Matrix: Water
Date Received: 11/07/20 08:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**874**		10.0	4.0	mg/L			11/12/20 22:46	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			11/12/20 13:34	1

Client Sample ID: BETWEEN CARBONS 110620
Lab Sample ID: 480-177787-2

Date Collected: 11/06/20 07:00
Matrix: Water
Date Received: 11/07/20 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			11/08/20 11:39	1
cis-1,2-Dichloroethene	**3.4**		1.0	0.81	ug/L			11/08/20 11:39	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/08/20 11:39	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/08/20 11:39	1
Toluene	ND		1.0	0.51	ug/L			11/08/20 11:39	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/08/20 11:39	1
Trichloroethene	**1.8**		1.0	0.46	ug/L			11/08/20 11:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*		*11/08/20 11:39*	*1*
4-Bromofluorobenzene (Surr)	*91*		*73 - 120*		*11/08/20 11:39*	*1*
Toluene-d8 (Surr)	*92*		*80 - 120*		*11/08/20 11:39*	*1*
Dibromofluoromethane (Surr)	*95*		*75 - 123*		*11/08/20 11:39*	*1*

Client Sample ID: EFFLUENT-110620 - GRAB
Lab Sample ID: 480-177787-3

Date Collected: 11/06/20 07:00
Matrix: Wastewater
Date Received: 11/07/20 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			11/08/20 12:04	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/08/20 12:04	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/08/20 12:04	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/08/20 12:04	1
Toluene	ND		1.0	0.51	ug/L			11/08/20 12:04	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/08/20 12:04	1
Trichloroethene	ND		1.0	0.46	ug/L			11/08/20 12:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*77 - 120*		*11/08/20 12:04*	*1*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*11/08/20 12:04*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*11/08/20 12:04*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*11/08/20 12:04*	*1*

Surrogate Summary

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

Job ID: 480-177787-1

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)
480-177787-3	EFFLUENT-110620 - GRAB	107	99	96	96

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)
480-177787-2	BETWEEN CARBONS 110620	104	91	92	95
LCS 480-557999/5	Lab Control Sample	107	105	99	98
MB 480-557999/7	Method Blank	107	100	97	97

Surrogate Legend

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

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

Lab Sample ID: MB 480-557999/7
Matrix: Water
Analysis Batch: 557999

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			11/08/20 11:06	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/08/20 11:06	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/08/20 11:06	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/08/20 11:06	1
Toluene	ND		1.0	0.51	ug/L			11/08/20 11:06	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/08/20 11:06	1
Trichloroethene	ND		1.0	0.46	ug/L			11/08/20 11:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*77 - 120*		*11/08/20 11:06*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*11/08/20 11:06*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*11/08/20 11:06*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 123*		*11/08/20 11:06*	*1*

Lab Sample ID: LCS 480-557999/5
Matrix: Water
Analysis Batch: 557999

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2,2-Tetrachloroethane	25.0	23.8		ug/L		95	76 - 120
cis-1,2-Dichloroethene	25.0	24.3		ug/L		97	74 - 124
Methylene Chloride	25.0	21.6		ug/L		87	75 - 124
Tetrachloroethene	25.0	23.2		ug/L		93	74 - 122
Toluene	25.0	24.2		ug/L		97	80 - 122
trans-1,2-Dichloroethene	25.0	23.4		ug/L		93	73 - 127
Trichloroethene	25.0	24.5		ug/L		98	74 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*107*		*77 - 120*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*
Toluene-d8 (Surr)	*99*		*80 - 120*
Dibromofluoromethane (Surr)	*98*		*75 - 123*

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

Lab Sample ID: MB 480-558785/1
Matrix: Water
Analysis Batch: 558785

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		1.0	1.0	mg/L			11/12/20 13:34	1

Lab Sample ID: LCS 480-558785/2
Matrix: Water
Analysis Batch: 558785

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	780	770.0		mg/L		99	88 - 110

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

Job ID: 480-177787-1

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-558878/1
Matrix: Water
Analysis Batch: 558878

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10.0	4.0	mg/L			11/12/20 22:46	1

Lab Sample ID: LCS 480-558878/2
Matrix: Water
Analysis Batch: 558878

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	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: 480-177787-1

GC/MS VOA

Analysis Batch: 557999

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-177787-2	BETWEEN CARBONS 110620	Total/NA	Water	8260C	
480-177787-3	EFFLUENT-110620 - GRAB	Total/NA	Wastewater	8260C	
MB 480-557999/7	Method Blank	Total/NA	Water	8260C	
LCS 480-557999/5	Lab Control Sample	Total/NA	Water	8260C	

General Chemistry

Analysis Batch: 558785

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-177787-1	EFFLUENT-110620 - COMP	Total/NA	Water	SM 2540D	
MB 480-558785/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-558785/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 558878

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-177787-1	EFFLUENT-110620 - COMP	Total/NA	Water	SM2540 C	
MB 480-558878/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-558878/2	Lab Control Sample	Total/NA	Water	SM2540 C	

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Job ID: 480-177787-1
Project/Site: Former Accurate Die Cast

Client Sample ID: EFFLUENT-110620 - COMP
Lab Sample ID: 480-177787-1

Date Collected: 11/06/20 07:00
Matrix: Water
Date Received: 11/07/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	558785	11/12/20 13:34	CSS	TAL BUF
Total/NA	Analysis	SM2540 C		1	558878	11/12/20 22:46	SRW	TAL BUF

Client Sample ID: BETWEEN CARBONS 110620
Lab Sample ID: 480-177787-2

Date Collected: 11/06/20 07:00
Matrix: Water
Date Received: 11/07/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	557999	11/08/20 11:39	WJD	TAL BUF

Client Sample ID: EFFLUENT-110620 - GRAB
Lab Sample ID: 480-177787-3

Date Collected: 11/06/20 07:00
Matrix: Wastewater
Date Received: 11/07/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	557999	11/08/20 12:04	WJD	TAL BUF

Laboratory References:

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

Accreditation/Certification Summary

Client: O'Brien & Gere Inc of North America
Job ID: 480-177787-1
Project/Site: Former Accurate Die Cast

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-01-21

Method Summary

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

Job ID: 480-177787-1

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: 480-177787-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-177787-1	EFFLUENT-110620 - COMP	Water	11/06/20 07:00	11/07/20 08:00	
480-177787-2	BETWEEN CARBONS 110620	Water	11/06/20 07:00	11/07/20 08:00	
480-177787-3	EFFLUENT-110620 - GRAB	Wastewater	11/06/20 07:00	11/07/20 08:00	

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

eurofins | Environment Testing America

Chain of Custody Record

Client Information	Sampler: Martin Koennecke	Lab PM: Giacomazza, Joe V	Carrier Tracking No(s): Syracuse	COC No: 480-145294-10588.1
Client Contact: Mr. Yuri Veliz	Phone: 315-779-1300	E-Mail: joe.giacomazza@testamericainc.com		Page: Page 1 of 1
Company: O'Brien & Gere Inc of North America		Analysis Requested #225		Job #:
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:			Preservation Codes: A - HCL
City: East Syracuse	TAT Requested (days):			480-177787 Chain of Custody
State, Zip: NY, 13221				
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 12000090			
Email: yuri.veliz@ramboll.com	WO #:			L - EDA; W - pH 4-5; Z - other (specify)
Project Name: Former Accurate Die Cast	Project #: 48008584			
Site: New York	SSOW#:			Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	2540D - Total Suspended Solids	2540C_Calcd - Total Dissolved Solids	8260C - Volatile Organic Compounds	Total Number of containers	Special Instructions/Note:
				Preservation Code:	X	X	N	N	A	X	
Effluent 110620	11-6-20	7:00	C	Water			1	1		2	
Between Carbons 110620	11-6-20	7:00	G	Water					3	3	
Effluent 110620	11-6-20	7:00	G	water					3	3	

RZ 11-6-20

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: 11-6-20 / 7:30	Company: OBG	Received by: R Zingliub	Date/Time: 11-6-20, 0730	Company: Syr
Relinquished by: R Zingliub	Date/Time: 11-6-20, 19:00	Company: Syr	Received by: [illegible]	Date/Time: 11/7/20 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 2.8

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-177787-1

Login Number: 177787

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: 480-177927-1
Client Project/Site: Former Accurate Die Cast

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

Attn: Mr. David J Carnevale

Joseph V. Giacomazza

Authorized for release by:
11/25/2020 11:45:49 AM

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

Table of Contents

Definitions/Glossary

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

Job ID: 480-177927-1

Glossary

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

Case Narrative

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

Job ID: 480-177927-1

Job ID: 480-177927-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-177927-1

Comments
No additional comments.

Receipt
The sample was received on 11/11/2020 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 2.2º C.

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

Detection Summary

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

Job ID: 480-177927-1

Client Sample ID: EFFLUENT 111020

Lab Sample ID: 480-177927-1

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

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: O'Brien & Gere Inc of North America
Job ID: 480-177927-1
Project/Site: Former Accurate Die Cast

Client Sample ID: EFFLUENT 111020
Lab Sample ID: 480-177927-1
Date Collected: 11/10/20 07:00
Matrix: Water
Date Received: 11/11/20 08:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**860**		10.0	4.0	mg/L			11/17/20 23:01	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			11/12/20 13:34	1

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

Lab Sample ID: MB 480-558785/1
Matrix: Water
Analysis Batch: 558785

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		1.0	1.0	mg/L			11/12/20 13:34	1

Lab Sample ID: LCS 480-558785/2
Matrix: Water
Analysis Batch: 558785

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			780	770.0		mg/L		99	88 - 110		

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-559603/1
Matrix: Water
Analysis Batch: 559603

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10.0	4.0	mg/L			11/17/20 23:01	1

Lab Sample ID: LCS 480-559603/2
Matrix: Water
Analysis Batch: 559603

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			495	498.0		mg/L		101	85 - 115		

Lab Sample ID: 480-177927-1 DU
Matrix: Water
Analysis Batch: 559603

Client Sample ID: EFFLUENT 111020
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	860			842.0		mg/L				2	10

QC Association Summary

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

Job ID: 480-177927-1

General Chemistry

Analysis Batch: 558785

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-177927-1	EFFLUENT 111020	Total/NA	Water	SM 2540D	
MB 480-558785/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-558785/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 559603

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-177927-1	EFFLUENT 111020	Total/NA	Water	SM2540 C	
MB 480-559603/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-559603/2	Lab Control Sample	Total/NA	Water	SM2540 C	
480-177927-1 DU	EFFLUENT 111020	Total/NA	Water	SM2540 C	

Lab Chronicle

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

Job ID: 480-177927-1

Client Sample ID: EFFLUENT 111020

Date Collected: 11/10/20 07:00
Date Received: 11/11/20 08:00

Lab Sample ID: 480-177927-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	558785	11/12/20 13:34	CSS	TAL BUF
Total/NA	Analysis	SM2540 C		1	559603	11/17/20 23:01	T1S	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: 480-177927-1
Project/Site: Former Accurate Die Cast

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-01-21

Method Summary

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

Job ID: 480-177927-1

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: 480-177927-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-177927-1	EFFLUENT 111020	Water	11/10/20 07:00	11/11/20 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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Client Information

Client Contact: Mr. Yuri Veliz	Sampler: MARTin Koennecky	Lab PM: Giacomazza, Joe V	COC No: 480-145328-10586.1
Company: O'Brien & Gere Inc of North America	Phone: 315-729-1300	E-Mail: joe.giacomazza@testamericainc.com	Page: Page 1 of 1
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:	Carrier Tracking No(s): Syracuse #225	Job #:
City: East Syracuse	TAT Requested (days):		
State, Zip: NY, 13221			
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 12000090		
Email: yuri.veliz@ramboll.com	WO #:		
Project Name: Former Accurate Die Cast	Project #: 48008584		
Site: New York	SSOW#:		

Analysis Requested

Preservation Codes:

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

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	2540D - Total Suspended Solids	2540C_Calcd - Total Dissolved Solids	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
Effluent 111020	11-10-20	7:00	C	Water			1	1	2	

RE-11-10-20

480-177927 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: Matt Kaunke	11-10-20 / 9:30	OBG	Received by: R. English	11-10-20, 0930	Syn
Relinquished by: R. English	11-10-20, 1900	Syn	Received by:		
Relinquished by:			Received by:	11/11/20 0800	TA

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 2.2 #1

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-177927-1

Login Number: 177927
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	2.2 #1 ICE
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	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: 480-178238-1
Client Project/Site: Former Accurate Die Cast

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

Attn: Mr. David J Carnevale

Authorized for release by:
11/30/2020 12:00:04 PM
Rebecca Jones, Project Management Assistant I
Rebecca.Jones@Eurofinset.com

Designee for

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

Table of Contents

Definitions/Glossary

Client: O'Brien & Gere Inc of North America
Job ID: 480-178238-1
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: 480-178238-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-178238-1

Comments
No additional comments.

Receipt
The samples were received on 11/17/2020 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 2.9º C.

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

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

Detection Summary

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

Job ID: 480-178238-1

Client Sample ID: EFFLUENT 111620 COMP — Lab Sample ID: 480-178238-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	48.0		10.0	4.0	mg/L	1		SM2540 C	Total/NA

Client Sample ID: EFFLUENT 111620 GRAB — Lab Sample ID: 480-178238-2

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: EFFLUENT 111620 COMP

Lab Sample ID: 480-178238-1
Date Collected: 11/16/20 07:15
Matrix: Water
Date Received: 11/17/20 08:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**48.0**		10.0	4.0	mg/L			11/23/20 22:03	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			11/20/20 19:45	1

Client Sample ID: EFFLUENT 111620 GRAB

Lab Sample ID: 480-178238-2
Date Collected: 11/16/20 07:15
Matrix: Water
Date Received: 11/17/20 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			11/24/20 05:49	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/24/20 05:49	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/24/20 05:49	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/24/20 05:49	1
Toluene	ND		1.0	0.51	ug/L			11/24/20 05:49	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/24/20 05:49	1
Trichloroethene	ND		1.0	0.46	ug/L			11/24/20 05:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*77 - 120*		*11/24/20 05:49*	*1*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*11/24/20 05:49*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*11/24/20 05:49*	*1*
Dibromofluoromethane (Surr)	*112*		*75 - 123*		*11/24/20 05:49*	*1*

Surrogate Summary

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

Job ID: 480-178238-1

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)
480-178238-2	EFFLUENT 111620 GRAB	112	104	103	112
LCS 480-560541/6	Lab Control Sample	111	106	106	115
MB 480-560541/8	Method Blank	111	105	106	113

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 480-560541/8
Matrix: Water
Analysis Batch: 560541

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			11/24/20 02:11	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/24/20 02:11	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/24/20 02:11	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/24/20 02:11	1
Toluene	ND		1.0	0.51	ug/L			11/24/20 02:11	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/24/20 02:11	1
Trichloroethene	ND		1.0	0.46	ug/L			11/24/20 02:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*77 - 120*		*11/24/20 02:11*	*1*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*11/24/20 02:11*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*		*11/24/20 02:11*	*1*
Dibromofluoromethane (Surr)	*113*		*75 - 123*		*11/24/20 02:11*	*1*

Lab Sample ID: LCS 480-560541/6
Matrix: Water
Analysis Batch: 560541

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,1,2,2-Tetrachloroethane			25.0	26.9		ug/L		108	76 - 120		
cis-1,2-Dichloroethene			25.0	28.1		ug/L		112	74 - 124		
Methylene Chloride			25.0	26.1		ug/L		104	75 - 124		
Tetrachloroethene			25.0	30.3		ug/L		121	74 - 122		
Toluene			25.0	26.6		ug/L		107	80 - 122		
trans-1,2-Dichloroethene			25.0	24.6		ug/L		98	73 - 127		
Trichloroethene			25.0	30.0		ug/L		120	74 - 123		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*111*		*77 - 120*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*
Toluene-d8 (Surr)	*106*		*80 - 120*
Dibromofluoromethane (Surr)	*115*		*75 - 123*

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

Lab Sample ID: MB 480-560374/1
Matrix: Water
Analysis Batch: 560374

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		1.0	1.0	mg/L			11/20/20 19:45	1

Lab Sample ID: LCS 480-560374/2
Matrix: Water
Analysis Batch: 560374

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			1160	1148		mg/L		99	88 - 110		

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

Job ID: 480-178238-1

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-560602/1
Matrix: Water
Analysis Batch: 560602

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10.0	4.0	mg/L			11/23/20 22:03	1

Lab Sample ID: LCS 480-560602/2
Matrix: Water
Analysis Batch: 560602

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: 480-178238-1

GC/MS VOA

Analysis Batch: 560541

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-178238-2	EFFLUENT 111620 GRAB	Total/NA	Water	8260C	
MB 480-560541/8	Method Blank	Total/NA	Water	8260C	
LCS 480-560541/6	Lab Control Sample	Total/NA	Water	8260C	

General Chemistry

Analysis Batch: 560374

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-178238-1	EFFLUENT 111620 COMP	Total/NA	Water	SM 2540D	
MB 480-560374/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-560374/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 560602

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-178238-1	EFFLUENT 111620 COMP	Total/NA	Water	SM2540 C	
MB 480-560602/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-560602/2	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: 480-178238-1

Client Sample ID: EFFLUENT 111620 COMP

Lab Sample ID: 480-178238-1

Date Collected: 11/16/20 07:15
Matrix: Water
Date Received: 11/17/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	560374	11/20/20 19:45	CSS	TAL BUF
Total/NA	Analysis	SM2540 C		1	560602	11/23/20 22:03	T1S	TAL BUF

Client Sample ID: EFFLUENT 111620 GRAB

Lab Sample ID: 480-178238-2

Date Collected: 11/16/20 07:15
Matrix: Water
Date Received: 11/17/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	560541	11/24/20 05:49	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: 480-178238-1
Project/Site: Former Accurate Die Cast

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-01-21

Method Summary

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

Job ID: 480-178238-1

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: 480-178238-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-178238-1	EFFLUENT 111620 COMP	Water	11/16/20 07:15	11/17/20 08:00	
480-178238-2	EFFLUENT 111620 GRAB	Water	11/16/20 07:15	11/17/20 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 Koennecke	Lab PM: Giacomazza, Joe V	Carrier Tracking No(s): Syracuse #225	COC No: 480-145308-10587.1
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: joe.giacomazza@testamericainc.com		Page: Page 1 of 1
Company: O'Brien & Gere Inc of North America				Job #:
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:		Analysis Requested	
City: East Syracuse	TAT Requested (days):			
State, Zip: NY, 13221				
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 12000090			
Email: yuri.veliz@ramboll.com	WO #:			
Project Name: Former Accurate Die Cast	Project #: 48008584			
Site: New York	SSOW#:			

Preservation Codes:

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

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	2540D - Total Suspended Solids	2540C_Calcd - Total Dissolved Solids	8260C - Volatile Organic Compounds	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	A		
Effluent 111620	11-16-20	7:15	C	Water			1	1		2	
Effluent 111620	11-16-20	7:15	G	water					3	3	
Rec 11-16-20											

480-178238 Chain of Custody

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Martin Koennecke	11-16-20 / 10:00	OBG	Rec'd 11/16	11-16-20, 10:00	Syr
Rec'd 11/16	11-16-20, 1900	Syr			
				11/17/20 0800	TA

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

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-178238-1

Login Number: 178238

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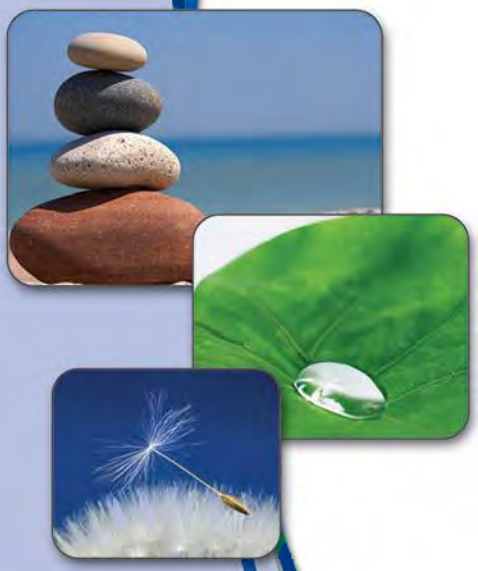

ANALYTICAL REPORT

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

Laboratory Job ID: 480-178578-1
Client Project/Site: Former Accurate Die Cast

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

Attn: Mr. David J Carnevale

Joseph V. Giacomazza

Authorized for release by:
12/9/2020 12:06:44 PM

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

Table of Contents

Definitions/Glossary

Client: O'Brien & Gere Inc of North America
Job ID: 480-178578-1
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: 480-178578-1

Job ID: 480-178578-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-178578-1

Comments
No additional comments.

Receipt
The sample was received on 11/24/2020 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 2.6º C.

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

Detection Summary

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

Job ID: 480-178578-1

Client Sample ID: EFFLUENT 112320

Lab Sample ID: 480-178578-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	361		10.0	4.0	mg/L	1		SM2540 C	Total/NA

This Detection Summary does not include radiochemical test results.

Client: O'Brien & Gere Inc of North America
Job ID: 480-178578-1
Project/Site: Former Accurate Die Cast

Client Sample ID: EFFLUENT 112320
Lab Sample ID: 480-178578-1
Date Collected: 11/23/20 07:20
Matrix: Water
Date Received: 11/24/20 08:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**361**		10.0	4.0	mg/L			11/27/20 20:10	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			11/24/20 19:28	1

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

Job ID: 480-178578-1

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

Lab Sample ID: MB 480-560794/1
Matrix: Water
Analysis Batch: 560794

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		1.0	1.0	mg/L			11/24/20 19:28	1

Lab Sample ID: LCS 480-560794/2
Matrix: Water
Analysis Batch: 560794

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			1060	1033		mg/L		97	88 - 110		

Lab Sample ID: 480-178578-1 DU
Matrix: Water
Analysis Batch: 560794

Client Sample ID: EFFLUENT 112320
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 480-561149/1
Matrix: Water
Analysis Batch: 561149

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10.0	4.0	mg/L			11/27/20 20:10	1

Lab Sample ID: LCS 480-561149/2
Matrix: Water
Analysis Batch: 561149

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	504.0		mg/L		100	85 - 115		

QC Association Summary

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

Job ID: 480-178578-1

General Chemistry

Analysis Batch: 560794

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-178578-1	EFFLUENT 112320	Total/NA	Water	SM 2540D	
MB 480-560794/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-560794/2	Lab Control Sample	Total/NA	Water	SM 2540D	
480-178578-1 DU	EFFLUENT 112320	Total/NA	Water	SM 2540D	

Analysis Batch: 561149

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-178578-1	EFFLUENT 112320	Total/NA	Water	SM2540 C	
MB 480-561149/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-561149/2	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: 480-178578-1

Client Sample ID: EFFLUENT 112320
Date Collected: 11/23/20 07:20
Date Received: 11/24/20 08:00

Lab Sample ID: 480-178578-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	560794	11/24/20 19:28	CSS	TAL BUF
Total/NA	Analysis	SM2540 C		1	561149	11/27/20 20:10	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: 480-178578-1
Project/Site: Former Accurate Die Cast

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-01-21

Method Summary

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

Job ID: 480-178578-1

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: 480-178578-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-178578-1	EFFLUENT 112320	Water	11/23/20 07:20	11/24/20 08:00	

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

Chain of Custody Record

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Client Information	Sampler: MARTIN Koennecke	Lab PM: Giacomazza, Joe V	Carrier Tracking No(s): Syracuse #225	COC No: 480-145327-10586.1
Client Contact: Mr. Yuri Veliz	Phone: 315 729-1300	E-Mail: joe.giacomazza@testamericainc.com		Page: Page 1 of 1
Company: O'Brien & Gere Inc of North America		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, 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 #: 12000090			
Email: yuri.veliz@ramboll.com	WO #:			
Project Name: Former Accurate Die Cast	Project #: 48008584			
Site: New York	SSOW#:			

480-178578 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 Nu	Special Instructions/Note:
			Preservation Code:				N	N		
Effluent 112300	11-23-20	7:20	C	Water			1	1	2	

RE 11-23-20

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	11-23-20 / 9:25	OBG	RELINQUISHED	11-23-20, 0925	Syr
2	RELINQUISHED	11-23-20, 19:00	Syr	Courier	11/24/20 0800	TAL
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-178578-1

Login Number: 178578

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: 480-179071-1
Client Project/Site: Former Accurate Die Cast

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

Attn: Mr. David J Carnevale

Authorized for release by:
12/17/2020 11:31:48 AM
Rebecca Jones, Project Management Assistant I
Rebecca.Jones@Eurofinset.com

Designee for

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

Table of Contents

Definitions/Glossary

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

Job ID: 480-179071-1

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.

Metals

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

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	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: 480-179071-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-179071-1

Comments
No additional comments.

Receipt
The samples were received on 12/8/2020 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 2.0º C.

GC/MS VOA
Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: INFLUENT GRAB 120720 (480-179071-3). Elevated reporting limits (RLs) are provided.

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

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

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

Detection Summary

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

Job ID: 480-179071-1

Client Sample ID: EFFLUENT 120720- COMP — Lab Sample ID: 480-179071-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	0.0046	J B	0.010	0.0015	mg/L	1		6010C	Total/NA
Total Dissolved Solids	850		20.0	20.0	mg/L	1		SM 2540C	Total/NA

Client Sample ID: BETWEEN CARBONS 120720 — Lab Sample ID: 480-179071-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	5.9		1.0	0.81	ug/L	1		8260C	Total/NA
Trichloroethene	6.6		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: INFLUENT GRAB 120720 — Lab Sample ID: 480-179071-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	6.6	J	8.0	3.5	ug/L	8		8260C	Total/NA
Trichloroethene	330		8.0	3.7	ug/L	8		8260C	Total/NA

Client Sample ID: EFFLUENT GRAB 120720 — Lab Sample ID: 480-179071-4

No Detections.

Client Sample ID: INFLUENT COMP 120720 — Lab Sample ID: 480-179071-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Zinc	0.0079	J B	0.010	0.0015	mg/L	1		6010C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: EFFLUENT 120720- COMP

Lab Sample ID: 480-179071-1
Date Collected: 12/07/20 07:20
Matrix: Wastewater
Date Received: 12/08/20 08:00

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	**0.0046**	**J B**	0.010	0.0015	mg/L		12/10/20 09:30	12/11/20 17:39	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		12/10/20 13:19	12/10/20 18:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**850**		20.0	20.0	mg/L			12/14/20 09:36	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		2.5	2.5	mg/L			12/12/20 08:29	1

Client Sample ID: BETWEEN CARBONS 120720

Lab Sample ID: 480-179071-2
Date Collected: 12/07/20 07:20
Matrix: Wastewater
Date Received: 12/08/20 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/09/20 12:15	1
cis-1,2-Dichloroethene	**5.9**		1.0	0.81	ug/L			12/09/20 12:15	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/09/20 12:15	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/09/20 12:15	1
Toluene	ND		1.0	0.51	ug/L			12/09/20 12:15	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/09/20 12:15	1
Trichloroethene	**6.6**		1.0	0.46	ug/L			12/09/20 12:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 120*		*12/09/20 12:15*	*1*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*12/09/20 12:15*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*12/09/20 12:15*	*1*
Dibromofluoromethane (Surr)	*110*		*75 - 123*		*12/09/20 12:15*	*1*

Client Sample ID: INFLUENT GRAB 120720

Lab Sample ID: 480-179071-3
Date Collected: 12/07/20 07:20
Matrix: Water
Date Received: 12/08/20 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		8.0	1.7	ug/L			12/09/20 12:39	8
cis-1,2-Dichloroethene	ND		8.0	6.5	ug/L			12/09/20 12:39	8
Methylene Chloride	**6.6**	**J**	8.0	3.5	ug/L			12/09/20 12:39	8
Tetrachloroethene	ND		8.0	2.9	ug/L			12/09/20 12:39	8
Toluene	ND		8.0	4.1	ug/L			12/09/20 12:39	8
trans-1,2-Dichloroethene	ND		8.0	7.2	ug/L			12/09/20 12:39	8
Trichloroethene	**330**		8.0	3.7	ug/L			12/09/20 12:39	8

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*		*12/09/20 12:39*	*8*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*12/09/20 12:39*	*8*
Toluene-d8 (Surr)	*97*		*80 - 120*		*12/09/20 12:39*	*8*
Dibromofluoromethane (Surr)	*107*		*75 - 123*		*12/09/20 12:39*	*8*

Client Sample ID: EFFLUENT GRAB 120720

Lab Sample ID: 480-179071-4
Date Collected: 12/07/20 07:20
Matrix: Wastewater
Date Received: 12/08/20 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/09/20 13:03	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/09/20 13:03	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/09/20 13:03	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/09/20 13:03	1
Toluene	ND		1.0	0.51	ug/L			12/09/20 13:03	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/09/20 13:03	1
Trichloroethene	ND		1.0	0.46	ug/L			12/09/20 13:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*12/09/20 13:03*	*1*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*12/09/20 13:03*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*12/09/20 13:03*	*1*
Dibromofluoromethane (Surr)	*105*		*75 - 123*		*12/09/20 13:03*	*1*

Client Sample ID: INFLUENT COMP 120720

Lab Sample ID: 480-179071-5
Date Collected: 12/07/20 07:20
Matrix: Water
Date Received: 12/08/20 08:00

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	**0.0079**	**J B**	0.010	0.0015	mg/L		12/10/20 09:30	12/11/20 17:54	1

Method: 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		12/10/20 13:19	12/10/20 18:46	1

Surrogate Summary

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

Job ID: 480-179071-1

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)
480-179071-2	BETWEEN CARBONS 120720	106	98	101	110
480-179071-4	EFFLUENT GRAB 120720	102	101	100	105

Surrogate Legend

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

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

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(80-120)	(75-123)
480-179071-3	INFLUENT GRAB 120720	104	98	97	107
LCS 480-562474/5	Lab Control Sample	100	105	101	94
MB 480-562474/7	Method Blank	104	100	98	104

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 480-562474/7
Matrix: Water
Analysis Batch: 562474

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			12/09/20 11:43	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/09/20 11:43	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/09/20 11:43	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/09/20 11:43	1
Toluene	ND		1.0	0.51	ug/L			12/09/20 11:43	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/09/20 11:43	1
Trichloroethene	ND		1.0	0.46	ug/L			12/09/20 11:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*		*12/09/20 11:43*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*12/09/20 11:43*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*12/09/20 11:43*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 123*		*12/09/20 11:43*	*1*

Lab Sample ID: LCS 480-562474/5
Matrix: Water
Analysis Batch: 562474

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	25.3		ug/L		101	76 - 120		
cis-1,2-Dichloroethene			25.0	26.6		ug/L		106	74 - 124		
Methylene Chloride			25.0	25.3		ug/L		101	75 - 124		
Tetrachloroethene			25.0	26.0		ug/L		104	74 - 122		
Toluene			25.0	25.4		ug/L		101	80 - 122		
trans-1,2-Dichloroethene			25.0	26.7		ug/L		107	73 - 127		
Trichloroethene			25.0	24.6		ug/L		99	74 - 123		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*
Toluene-d8 (Surr)	*101*		*80 - 120*
Dibromofluoromethane (Surr)	*94*		*75 - 123*

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-562645/1-A
Matrix: Water
Analysis Batch: 563097

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 562645

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Zinc	0.00171	J	0.010	0.0015	mg/L		12/10/20 09:30	12/11/20 17:09	1

Lab Sample ID: LCS 480-562645/2-A
Matrix: Water
Analysis Batch: 563097

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 562645

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Zinc			0.200	0.195		mg/L		97	80 - 120		

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-562734/1-A
Matrix: Water
Analysis Batch: 562824

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 562734

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.00012	mg/L		12/10/20 13:19	12/10/20 18:26	1

Lab Sample ID: LCS 480-562734/2-A
Matrix: Water
Analysis Batch: 562824

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 562734

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.00667	0.00642		mg/L		96	80 - 120

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 460-746778/1
Matrix: Water
Analysis Batch: 746778

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	10.0	mg/L			12/14/20 09:36	1

Lab Sample ID: LCSSRM 460-746778/2
Matrix: Water
Analysis Batch: 746778

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

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	185	195.0		mg/L		105.4	75.7 - 124.3

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

Lab Sample ID: MB 460-746448/1
Matrix: Water
Analysis Batch: 746448

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		2.5	2.5	mg/L			12/12/20 08:29	1

Lab Sample ID: LCSSRM 460-746448/2
Matrix: Water
Analysis Batch: 746448

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

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Total Suspended Solids	57.6	60.00		mg/L		104.2	79.0 - 113.4

QC Association Summary

Client: O'Brien & Gere Inc of North America
Job ID: 480-179071-1
Project/Site: Former Accurate Die Cast

GC/MS VOA

Analysis Batch: 562474

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-179071-2	BETWEEN CARBONS 120720	Total/NA	Wastewater	8260C	
480-179071-3	INFLUENT GRAB 120720	Total/NA	Water	8260C	
480-179071-4	EFFLUENT GRAB 120720	Total/NA	Wastewater	8260C	
MB 480-562474/7	Method Blank	Total/NA	Water	8260C	
LCS 480-562474/5	Lab Control Sample	Total/NA	Water	8260C	

Metals

Prep Batch: 562645

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-179071-1	EFFLUENT 120720- COMP	Total/NA	Wastewater	3005A	
480-179071-5	INFLUENT COMP 120720	Total/NA	Water	3005A	
MB 480-562645/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-562645/2-A	Lab Control Sample	Total/NA	Water	3005A	

Prep Batch: 562734

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-179071-1	EFFLUENT 120720- COMP	Total/NA	Wastewater	7470A	
480-179071-5	INFLUENT COMP 120720	Total/NA	Water	7470A	
MB 480-562734/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-562734/2-A	Lab Control Sample	Total/NA	Water	7470A	

Analysis Batch: 562824

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-179071-1	EFFLUENT 120720- COMP	Total/NA	Wastewater	7470A	562734
480-179071-5	INFLUENT COMP 120720	Total/NA	Water	7470A	562734
MB 480-562734/1-A	Method Blank	Total/NA	Water	7470A	562734
LCS 480-562734/2-A	Lab Control Sample	Total/NA	Water	7470A	562734

Analysis Batch: 563097

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-179071-1	EFFLUENT 120720- COMP	Total/NA	Wastewater	6010C	562645
480-179071-5	INFLUENT COMP 120720	Total/NA	Water	6010C	562645
MB 480-562645/1-A	Method Blank	Total/NA	Water	6010C	562645
LCS 480-562645/2-A	Lab Control Sample	Total/NA	Water	6010C	562645

General Chemistry

Analysis Batch: 746448

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-179071-1	EFFLUENT 120720- COMP	Total/NA	Wastewater	SM 2540D	
MB 460-746448/1	Method Blank	Total/NA	Water	SM 2540D	
LCSSRM 460-746448/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 746778

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-179071-1	EFFLUENT 120720- COMP	Total/NA	Wastewater	SM 2540C	
MB 460-746778/1	Method Blank	Total/NA	Water	SM 2540C	
LCSSRM 460-746778/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Lab Chronicle

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

Job ID: 480-179071-1

Client Sample ID: EFFLUENT 120720- COMP

Lab Sample ID: 480-179071-1
Date Collected: 12/07/20 07:20
Matrix: Wastewater
Date Received: 12/08/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3005A			562645	12/10/20 09:30	ADM	TAL BUF
Total/NA	Analysis	6010C		1	563097	12/11/20 17:39	LMH	TAL BUF
Total/NA	Prep	7470A			562734	12/10/20 13:19	BMB	TAL BUF
Total/NA	Analysis	7470A		1	562824	12/10/20 18:45	BMB	TAL BUF
Total/NA	Analysis	SM 2540C		1	746778	12/14/20 09:36	PLS	TAL EDI
Total/NA	Analysis	SM 2540D		1	746448	12/12/20 08:29	AAP	TAL EDI

Client Sample ID: BETWEEN CARBONS 120720

Lab Sample ID: 480-179071-2
Date Collected: 12/07/20 07:20
Matrix: Wastewater
Date Received: 12/08/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	562474	12/09/20 12:15	RJF	TAL BUF

Client Sample ID: INFLUENT GRAB 120720

Lab Sample ID: 480-179071-3
Date Collected: 12/07/20 07:20
Matrix: Water
Date Received: 12/08/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		8	562474	12/09/20 12:39	RJF	TAL BUF

Client Sample ID: EFFLUENT GRAB 120720

Lab Sample ID: 480-179071-4
Date Collected: 12/07/20 07:20
Matrix: Wastewater
Date Received: 12/08/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	562474	12/09/20 13:03	RJF	TAL BUF

Client Sample ID: INFLUENT COMP 120720

Lab Sample ID: 480-179071-5
Date Collected: 12/07/20 07:20
Matrix: Water
Date Received: 12/08/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3005A			562645	12/10/20 09:30	ADM	TAL BUF
Total/NA	Analysis	6010C		1	563097	12/11/20 17:54	LMH	TAL BUF
Total/NA	Prep	7470A			562734	12/10/20 13:19	BMB	TAL BUF
Total/NA	Analysis	7470A		1	562824	12/10/20 18:46	BMB	TAL BUF

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600
TAL EDI = Eurofins TestAmerica, Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: O'Brien & Gere Inc of North America
Job ID: 480-179071-1
Project/Site: Former Accurate Die Cast

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-01-21

Laboratory: Eurofins TestAmerica, Edison

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Connecticut	State	PH-0200	09-30-20 *
DE Haz. Subst. Cleanup Act (HSCA)	State	N/A	12-31-21
Georgia	State	12028 (NJ)	07-01-21
Massachusetts	State	M-NJ312	06-30-21
New Jersey	NELAP	12028	06-30-21
New York	NELAP	11452	04-01-21
Pennsylvania	NELAP	68-00522	02-28-21
Rhode Island	State	LAO00132	12-31-20
USDA	US Federal Programs	P330-20-00244	11-03-23

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

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

Job ID: 480-179071-1

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 2540C	Solids, Total Dissolved (TDS)	SM	TAL EDI
SM 2540D	Solids, Total Suspended (TSS)	SM	TAL EDI
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"

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

TAL EDI = Eurofins TestAmerica, Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Sample Summary

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

Job ID: 480-179071-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-179071-1	EFFLUENT 120720- COMP	Wastewater	12/07/20 07:20	12/08/20 08:00	
480-179071-2	BETWEEN CARBONS 120720	Wastewater	12/07/20 07:20	12/08/20 08:00	
480-179071-3	INFLUENT GRAB 120720	Water	12/07/20 07:20	12/08/20 08:00	
480-179071-4	EFFLUENT GRAB 120720	Wastewater	12/07/20 07:20	12/08/20 08:00	
480-179071-5	INFLUENT COMP 120720	Water	12/07/20 07:20	12/08/20 08:00	

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

TDS, TSS → EDITION FROM STR-RO

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: MARTIN Koennecke	Lab PM: Giacomazza, Joe V	Carrier Tracking No(s): Syracuse	COC No: 480-145285-10589.1
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: joe.giacomazza@testamericainc.com		Page: Page 1 of 1
Company: O'Brien & Gere Inc of North America		Analysis Requested #225		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		
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 12000090	
Email: yuri.veliz@ramboll.com	WO #:	Other:
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	6010C - Zinc	7470A - Mercury	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	A	D	D		
Effluent 120720	12-7-20	7:20	C	Water			1	1		1	1	4	
Between Carbons 120720	12-7-20	7:20	G	Water					3			3	
Inffluent 120720	12-7-20	7:20	G	Water					3			3	
Effluent 120720	12-7-20	7:20	G	W					3			3	
Influent 120720	12-7-20	7:20	C	W						1	1	2	

Rec- 12-7-20

480-179071 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	12-7-20 / 10:10	OBG	REGlick	12-7-20, 10:10	Syr
REGlick	12-7-20, 1900	Syr			
				12/18/20 0800	JA

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.0 #1

Ver: 01/16/2019

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

TDS, TSS → EDITION FROM STR-RO

Chain of Custody Record

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Client Information	Sampler: MARTIN Kornnecki	Lab PM: Giacomazza, Joe V	Carrier Tracking No(s): Syracuse	COC No: 480-145285-10589.1
Client Contact: Mr. Yuri Veliz	Phone: 315 729-1300	E-Mail: joe.giacomazza@testamericainc.com		Page: Page 1 of 1
Company: O'Brien & Gere Inc of North America		Analysis Requested #225		Job #: 480-179071
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:			Preservation Codes:
City: East Syracuse	TAT Requested (days):			A - HCL M - Hexane B - NaOH N - None C - Zn Acetate O - AsNaO2 D - Nitric Acid
State, Zip: NY, 13221				
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 12000090			
Email: yuri.veliz@ramboll.com	WO #:			
Project Name: Former Accurate Die Cast	Project #: 48008584			
Site: New York	SSOW#:			

480-179071 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	2540D - Total Suspended Solids	2540C_Calcd - Total Dissolved Solids	8260C - Volatile Organic Compounds	6010C - Zinc	7470A - Mercury	Total Number of	Special Instructions/Note:
			Preservation Code:				N	N	A	D	D		
Effluent 120720	12-7-20	7:20	C	Water			1	1		1	1	4	1
Between Carbons 120720	12-7-20	7:20	G	Water					3			3	
Inffluent 120720	12-7-20	7:20	G	Water					3			3	
EFFLUENT 120720	12-7-20	7:20	G	W					3			3	
Inffluent 120720	12-7-20	7:20	C	W						1	1	2	

Rec- 12-7-20

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 Kornnecki	12-7-20 / 10:10	OBG	REALINK	12-7-20, 10:10	SYR
Relinquished by: REALINK	Date/Time: 12-7-20, 1900	Company SYR	Received by: Joseph Fedock	Date/Time: 12/8/20 1000	Company TAEL
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.: 1402274	Cooler Temperature(s) °C and Other Remarks: 5.5°C IR#1!

Ver: 01/16/2019

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 480-179071

Number of Coolers: 1 IR Gun # 17

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	5.5 °C	5.5 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

EDS-WI-038, Rev 4.1
10/22/2019

Initials: JO **Date:** 12/8/20

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-179071-1

Login Number: 179071
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	2.0 #1 ICE
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	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	

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-179071-1

Login Number: 179071
List Number: 2
Creator: Rivera, Kenneth

List Source: Eurofins TestAmerica, Edison
List Creation: 12/09/20 09:22 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	1402274
Sample custody seals, if present, are 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	5.5°c, ir #11
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 containers received 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	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine 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: 480-179594-1
Client Project/Site: Former Accurate Die Cast

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

Attn: Mr. David J Carnevale

Authorized for release by:
12/30/2020 11:52:27 AM
Rebecca Jones, Project Management Assistant I
Rebecca.Jones@Eurofinset.com

Designee for

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

Table of Contents

Client: O'Brien & Gere Inc of North America
Job ID: 480-179594-1
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: 480-179594-1

Job ID: 480-179594-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-179594-1

Comments
No additional comments.

Receipt
The samples were received on 12/22/2020 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 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: 480-179594-1

Client Sample ID: Effluent 122120 Comp — Lab Sample ID: 480-179594-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	813		10.0	4.0	mg/L	1		SM2540 C	Total/NA

Client Sample ID: Effluent -122120- Grab — Lab Sample ID: 480-179594-2

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: Effluent 122120 Comp

Lab Sample ID: 480-179594-1
Date Collected: 12/21/20 07:00
Matrix: Water
Date Received: 12/22/20 08:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**813**		10.0	4.0	mg/L			12/22/20 13:57	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			12/22/20 14:03	1

Client Sample ID: Effluent -122120- Grab

Lab Sample ID: 480-179594-2
Date Collected: 12/21/20 07:00
Matrix: Wastewater
Date Received: 12/22/20 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			12/22/20 13:29	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/22/20 13:29	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/22/20 13:29	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/22/20 13:29	1
Toluene	ND		1.0	0.51	ug/L			12/22/20 13:29	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/22/20 13:29	1
Trichloroethene	ND		1.0	0.46	ug/L			12/22/20 13:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*12/22/20 13:29*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*12/22/20 13:29*	*1*
Toluene-d8 (Surr)	*86*		*80 - 120*		*12/22/20 13:29*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 123*		*12/22/20 13:29*	*1*

Surrogate Summary

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

Job ID: 480-179594-1

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)
480-179594-2	Effluent -122120- Grab	99	100	86	96

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 480-564174/5	Lab Control Sample	96	99	88	98
MB 480-564174/7	Method Blank	99	101	88	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 480-564174/7
Matrix: Water
Analysis Batch: 564174

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			12/22/20 11:10	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/22/20 11:10	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/22/20 11:10	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/22/20 11:10	1
Toluene	ND		1.0	0.51	ug/L			12/22/20 11:10	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/22/20 11:10	1
Trichloroethene	ND		1.0	0.46	ug/L			12/22/20 11:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*12/22/20 11:10*	*1*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*12/22/20 11:10*	*1*
Toluene-d8 (Surr)	*88*		*80 - 120*		*12/22/20 11:10*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 123*		*12/22/20 11:10*	*1*

Lab Sample ID: LCS 480-564174/5
Matrix: Water
Analysis Batch: 564174

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2,2-Tetrachloroethane	25.0	23.5		ug/L		94	76 - 120
cis-1,2-Dichloroethene	25.0	25.0		ug/L		100	74 - 124
Methylene Chloride	25.0	26.1		ug/L		104	75 - 124
Tetrachloroethene	25.0	24.0		ug/L		96	74 - 122
Toluene	25.0	23.1		ug/L		92	80 - 122
trans-1,2-Dichloroethene	25.0	25.2		ug/L		101	73 - 127
Trichloroethene	25.0	26.9		ug/L		108	74 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*77 - 120*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*
Toluene-d8 (Surr)	*88*		*80 - 120*
Dibromofluoromethane (Surr)	*98*		*75 - 123*

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

Lab Sample ID: MB 480-564254/1
Matrix: Water
Analysis Batch: 564254

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		1.0	1.0	mg/L			12/22/20 14:03	1

Lab Sample ID: LCS 480-564254/2
Matrix: Water
Analysis Batch: 564254

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	1820	1790		mg/L		98	88 - 110

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

Job ID: 480-179594-1

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-564253/1
Matrix: Water
Analysis Batch: 564253

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10.0	4.0	mg/L			12/22/20 13:57	1

Lab Sample ID: LCS 480-564253/2
Matrix: Water
Analysis Batch: 564253

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	506.0		mg/L		101	85 - 115		

Lab Sample ID: 480-179594-1 DU
Matrix: Water
Analysis Batch: 564253

Client Sample ID: Effluent 122120 Comp
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	813			795.0		mg/L				2	10

QC Association Summary

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

Job ID: 480-179594-1

GC/MS VOA

Analysis Batch: 564174

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-179594-2	Effluent -122120- Grab	Total/NA	Wastewater	8260C	
MB 480-564174/7	Method Blank	Total/NA	Water	8260C	
LCS 480-564174/5	Lab Control Sample	Total/NA	Water	8260C	

General Chemistry

Analysis Batch: 564253

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-179594-1	Effluent 122120 Comp	Total/NA	Water	SM2540 C	
MB 480-564253/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-564253/2	Lab Control Sample	Total/NA	Water	SM2540 C	
480-179594-1 DU	Effluent 122120 Comp	Total/NA	Water	SM2540 C	

Analysis Batch: 564254

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-179594-1	Effluent 122120 Comp	Total/NA	Water	SM 2540D	
MB 480-564254/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-564254/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Lab Chronicle

Client: O'Brien & Gere Inc of North America
Job ID: 480-179594-1
Project/Site: Former Accurate Die Cast

Client Sample ID: Effluent 122120 Comp
Lab Sample ID: 480-179594-1
Date Collected: 12/21/20 07:00
Matrix: Water
Date Received: 12/22/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	564254	12/22/20 14:03	CSS	TAL BUF
Total/NA	Analysis	SM2540 C		1	564253	12/22/20 13:57	CSS	TAL BUF

Client Sample ID: Effluent -122120- Grab
Lab Sample ID: 480-179594-2
Date Collected: 12/21/20 07:00
Matrix: Wastewater
Date Received: 12/22/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	564174	12/22/20 13:29	RJF	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: 480-179594-1
Project/Site: Former Accurate Die Cast

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-01-21

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

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

Method Summary

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

Job ID: 480-179594-1

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: 480-179594-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-179594-1	Effluent 122120 Comp	Water	12/21/20 07:00	12/22/20 08:00	
480-179594-2	Effluent -122120- Grab	Wastewater	12/21/20 07:00	12/22/20 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 Kennedy	Lab PM: Giacomazza, Joe V	Carrier Tracking No(s):	COC No: 480-145309-10587.1
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: joe.giacomazza@testamericainc.com	State of Origin:	Page: Page 1 of 1
Company: O'Brien & Gere Inc of North America	PWSID:			Job #:
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:			
City: East Syracuse	TAT Requested (days):			
State, Zip: NY, 13221	Compliance Project: Δ Yes Δ No			
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 12000090			
Email: yuri.veliz@ramboll.com	WO #:			
Project Name: Former Accurate Die Cast	Project #: 48008584			
Site: New York	SSOW#:			

Analysis Requested

Preservation Codes:

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

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	2540D - Total Suspended Solids	2540C_Calcd - Total Dissolved Solids	8260C - Volatile Organic Compounds	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	A		
Effluent 122120	12-21-20	7:00	C	Water			1	1		2	
EFFLUENT 122120	12-21-20	7:00	G	W					3	3	

12-21-20 RE

480-179594 Chain of Custody

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:			
Relinquished by: Martin Kennedy	Date/Time: 12-21-20 / 13:00	Company OBG	Received by:	Date/Time: 12/21/20 1300	Company ES-SYR
Relinquished by: RC 12/21/20	Date/Time: 12-21-20, 1900	Company SYR	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 12/22/20 800	Company TAB

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

Cooler Temperature(s) °C and Other Remarks: 3.2 #1

Ver: 11/01/2020

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-179594-1

Login Number: 179594

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: 480-179705-1
Client Project/Site: Former Accurate Die Cast

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

Attn: Mr. David J Carnevale

Joseph V. Giacomazza

Authorized for release by:
1/4/2021 8:38:05 AM

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

Table of Contents

Definitions/Glossary

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

Job ID: 480-179705-1

Glossary

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

Case Narrative

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

Job ID: 480-179705-1

Job ID: 480-179705-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-179705-1

Comments
No additional comments.

Receipt
The sample was received on 12/29/2020 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 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: 480-179705-1

Client Sample ID: Effluent 122820

Lab Sample ID: 480-179705-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	809		10.0	4.0	mg/L	1		SM2540 C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

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

Job ID: 480-179705-1

Client Sample ID: Effluent 122820
Date Collected: 12/28/20 07:00
Date Received: 12/29/20 08:00

Lab Sample ID: 480-179705-1
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**809**		10.0	4.0	mg/L			12/29/20 12:35	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			12/29/20 13:29	1

QC Sample Results

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

Job ID: 480-179705-1

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

Lab Sample ID: MB 480-564724/1
Matrix: Water
Analysis Batch: 564724

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		1.0	1.0	mg/L			12/29/20 13:29	1

Lab Sample ID: LCS 480-564724/2
Matrix: Water
Analysis Batch: 564724

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	1560	1540		mg/L		99	88 - 110

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-564716/1
Matrix: Water
Analysis Batch: 564716

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		10.0	4.0	mg/L			12/29/20 12:35	1

Lab Sample ID: LCS 480-564716/2
Matrix: Water
Analysis Batch: 564716

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
Job ID: 480-179705-1
Project/Site: Former Accurate Die Cast

General Chemistry

Analysis Batch: 564716

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-179705-1	Effluent 122820	Total/NA	Water	SM2540 C	
MB 480-564716/1	Method Blank	Total/NA	Water	SM2540 C	
LCS 480-564716/2	Lab Control Sample	Total/NA	Water	SM2540 C	

Analysis Batch: 564724

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-179705-1	Effluent 122820	Total/NA	Water	SM 2540D	
MB 480-564724/1	Method Blank	Total/NA	Water	SM 2540D	
LCS 480-564724/2	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: 480-179705-1

Client Sample ID: Effluent 122820

Date Collected: 12/28/20 07:00
Date Received: 12/29/20 08:00

Lab Sample ID: 480-179705-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	564724	12/29/20 13:29	CSS	TAL BUF
Total/NA	Analysis	SM2540 C		1	564716	12/29/20 12:35	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: 480-179705-1
Project/Site: Former Accurate Die Cast

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-01-21

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

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

Method Summary

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

Job ID: 480-179705-1

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: 480-179705-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-179705-1	Effluent 122820	Water	12/28/20 07:00	12/29/20 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 Koennecke	Lab PM: Giacomazza, Joe V	Carrier Tracking No(s): Syracuse	COC No: 480-145332-10586.1
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: joe.giacomazza@testamericainc.com	State of Origin: #225	Page: Page 1 of 1
Company: O'Brien & Gere Inc of North America	PWSID:			Job #:

Address: 333 West Washington St. PO BOX 4873	Due Date Requested:	
City: East Syracuse	TAT Requested (days):	
State, Zip: NY, 13221	Compliance Project: Δ Yes Δ No	
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 12000090	
Email: yuri.veliz@ramboll.com	WO #:	
Project Name: Former Accurate Die Cast	Project #: 48008584	
Site: New York	SSOW#:	

Analysis Requested

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 122820	12-28-20	7:00	C	Water			1	1	2	

RE 12-28-20

480-179705 Chain of Custody

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

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	12-28-20 / 9:55	OBG	R E [illegible]	12-28-20, 0955	Syr
R E [illegible]	12-28-20, 1900	Syr			
			[illegible signature]	12/29/20 0800	TA

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.5 #1

Ver: 11/01/2020

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-179705-1

Login Number: 179705
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	2.5 #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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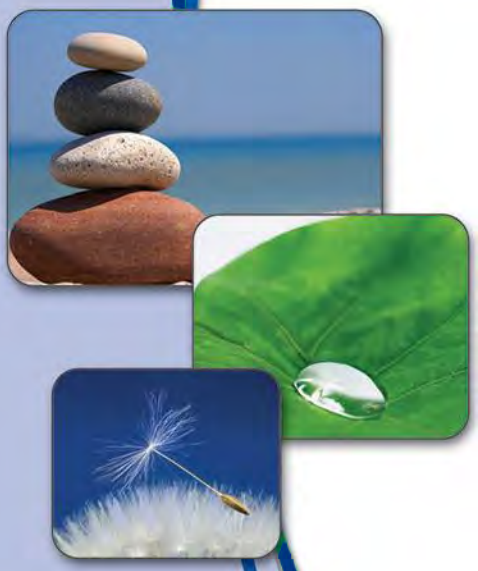

ANALYTICAL REPORT

Eurofins TestAmerica, Edison
777 New Durham Road
Edison, NJ 08817
Tel: (732)549-3900

Laboratory Job ID: 460-223743-1
Client Project/Site: Former Accurate Die Cast

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

Attn: Mr. David J Carnevale

Authorized for release by:
12/9/2020 8:42:39 AM
Rebecca Jones, Project Management Assistant I
Rebecca.Jones@Eurofinset.com

Designee for

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

Table of Contents

Definitions/Glossary

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

Job ID: 460-223743-1

Glossary

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

Job ID: 460-223743-1

Laboratory: Eurofins TestAmerica, Edison

Narrative

Job Narrative
460-223743-1

Comments
No additional comments.

Receipt
The sample was received on 12/1/2020 10:25 AM; the sample arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 0.3º 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: 460-223743-1

Client Sample ID: Effluent 113020

Lab Sample ID: 460-223743-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	746		20.0	20.0	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

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

Job ID: 460-223743-1

Client Sample ID: Effluent 113020
Date Collected: 11/30/20 07:15
Date Received: 12/01/20 10:25

Lab Sample ID: 460-223743-1
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**746**		20.0	20.0	mg/L			12/07/20 08:57	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		2.5	2.5	mg/L			12/05/20 11:06	1

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 460-744990/1
Matrix: Water
Analysis Batch: 744990

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	10.0	mg/L			12/07/20 08:57	1

Lab Sample ID: LCSSRM 460-744990/2
Matrix: Water
Analysis Batch: 744990

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

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	345	330.0		mg/L		95.7	87.0 - 113.0

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

Lab Sample ID: MB 460-744700/1
Matrix: Water
Analysis Batch: 744700

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		2.5	2.5	mg/L			12/05/20 11:06	1

Lab Sample ID: LCSSRM 460-744700/2
Matrix: Water
Analysis Batch: 744700

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

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits
Total Suspended Solids	61.5	58.00		mg/L		94.3	79.5 - 112.8

QC Association Summary

Client: O'Brien & Gere Inc of North America
Job ID: 460-223743-1
Project/Site: Former Accurate Die Cast

General Chemistry

Analysis Batch: 744700

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-223743-1	Effluent 113020	Total/NA	Water	SM 2540D	
MB 460-744700/1	Method Blank	Total/NA	Water	SM 2540D	
LCSSRM 460-744700/2	Lab Control Sample	Total/NA	Water	SM 2540D	

Analysis Batch: 744990

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-223743-1	Effluent 113020	Total/NA	Water	SM 2540C	
MB 460-744990/1	Method Blank	Total/NA	Water	SM 2540C	
LCSSRM 460-744990/2	Lab Control Sample	Total/NA	Water	SM 2540C	

Lab Chronicle

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

Job ID: 460-223743-1

Client Sample ID: Effluent 113020

Date Collected: 11/30/20 07:15
Date Received: 12/01/20 10:25

Lab Sample ID: 460-223743-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	744990	12/07/20 08:57	AAP	TAL EDI
Total/NA	Analysis	SM 2540D		1	744700	12/05/20 11:06	AAP	TAL EDI

Laboratory References:

TAL EDI = Eurofins TestAmerica, Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: O'Brien & Gere Inc of North America
Job ID: 460-223743-1
Project/Site: Former Accurate Die Cast

Laboratory: Eurofins TestAmerica, Edison

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Connecticut	State	PH-0200	09-30-20 *
DE Haz. Subst. Cleanup Act (HSCA)	State	N/A	12-31-21
Georgia	State	12028 (NJ)	07-01-21
Massachusetts	State	M-NJ312	06-30-21
New Jersey	NELAP	12028	06-30-21
New York	NELAP	11452	04-01-21
Pennsylvania	NELAP	68-00522	02-28-21
Rhode Island	State	LAO00132	12-31-20
USDA	US Federal Programs	P330-20-00244	11-03-23

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

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

Job ID: 460-223743-1

Method	Method Description	Protocol	Laboratory
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL EDI
SM 2540D	Solids, Total Suspended (TSS)	SM	TAL EDI

Protocol References:

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

Laboratory References:

TAL EDI = Eurofins TestAmerica, Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Sample Summary

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

Job ID: 460-223743-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
460-223743-1	Effluent 113020	Water	11/30/20 07:15	12/01/20 10:25	

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

Chain of Custody Record

eurofins | Environment Testing America

Syracuse

Client Information	Sampler: MARTIN Koerwecke	Lab PM: Giacomazza, Joe V	Carrier Tracking No(s): #225	COC No: 480-145333-10586.1
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: joe.giacomazza@testamericainc.com	State of Origin:	Page: Page 1 of 1
Company: O'Brien & Gere Inc of North America	PWSID:			Job #: 223743

Client		Analysis Requested
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:	
City: East Syracuse	TAT Requested (days):	
State, Zip: NY, 13221	Compliance Project: Δ Yes Δ No	
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 12000090	
Email: yuri.veliz@ramboll.com	WO #:	
Project Name: Former Accurate Die Cast	Project #: 48008584	
Site: New York	SSOW#:	

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 113020	11-30-20	7:15	C	Water			1	1	2	1

11-30-20 RE

460-223743 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 Koerwecke	11-30-20 / 9:40	OBG	R. Englich	11-30-20, 0940	[illegible]
R. Englich	11-30-20, 1900	[illegible]	[illegible]	12/1/20 1035	THEL

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.: 1402253	Cooler Temperature(s) °C and Other Remarks: 0.3°C IR#i

Ver: 11/01/2020

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 223743

Number of Coolers: 1 **IR Gun #** 11

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	0.3 °C	0.3 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

EDS-WI-038, Rev 4.1
10/22/2019

Initials: JO **Date:** 12/1/20

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 460-223743-1

Login Number: 223743
List Number: 1
Creator: DiGuardia, Joseph L

List Source: Eurofins TestAmerica, Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are 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 containers received 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	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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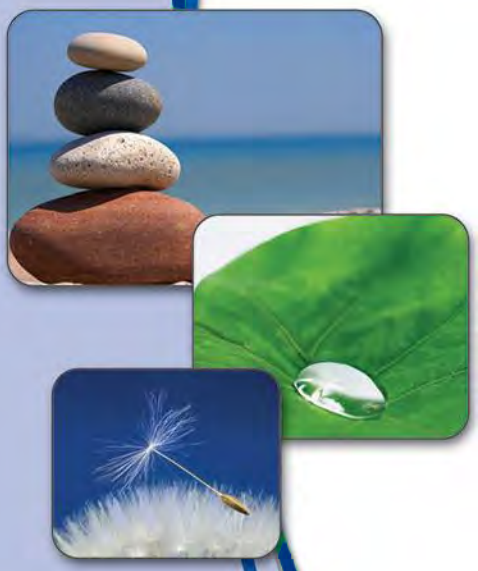

ANALYTICAL REPORT

Eurofins TestAmerica, Edison
777 New Durham Road
Edison, NJ 08817
Tel: (732)549-3900

Laboratory Job ID: 460-225267-1
Client Project/Site: Former Accurate Die Cast

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

Attn: Mr. David J Carnevale

Joseph V. Giacomazza

Authorized for release by:
12/23/2020 2:26:41 PM

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

Table of Contents

Definitions/Glossary

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

Job ID: 460-225267-1

Glossary

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

Job ID: 460-225267-1

Laboratory: Eurofins TestAmerica, Edison

Narrative

Job Narrative
460-225267-1

Comments
No additional comments.

Receipt
The sample was received on 12/19/2020 11:45 AM; the sample arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 0.4º C.

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

Detection Summary

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

Job ID: 460-225267-1

Client Sample ID: Effluent 121720

Lab Sample ID: 460-225267-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	764		20.0	20.0	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

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

Job ID: 460-225267-1

Client Sample ID: Effluent 121720
Date Collected: 12/17/20 07:45
Date Received: 12/19/20 11:45

Lab Sample ID: 460-225267-1
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**764**		20.0	20.0	mg/L			12/22/20 08:15	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		2.5	2.5	mg/L			12/23/20 08:17	1

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 460-748711/1
Matrix: Water
Analysis Batch: 748711

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	10.0	mg/L			12/22/20 08:15	1

Lab Sample ID: LCSSRM 460-748711/2
Matrix: Water
Analysis Batch: 748711

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

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits		
Total Dissolved Solids			185	145.0		mg/L		78.4	75.7 - 124.3		

Lab Sample ID: 460-225267-1 DU
Matrix: Water
Analysis Batch: 748711

Client Sample ID: Effluent 121720
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	764			790.0		mg/L				3	5

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

Lab Sample ID: MB 460-749006/1
Matrix: Water
Analysis Batch: 749006

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		2.5	2.5	mg/L			12/23/20 08:17	1

Lab Sample ID: LCSSRM 460-749006/2
Matrix: Water
Analysis Batch: 749006

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

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec. Limits		
Total Suspended Solids			57.6	54.00		mg/L		93.8	79.0 - 113.4		

QC Association Summary

Client: O'Brien & Gere Inc of North America
Job ID: 460-225267-1
Project/Site: Former Accurate Die Cast

General Chemistry

Analysis Batch: 748711

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-225267-1	Effluent 121720	Total/NA	Water	SM 2540C	
MB 460-748711/1	Method Blank	Total/NA	Water	SM 2540C	
LCSSRM 460-748711/2	Lab Control Sample	Total/NA	Water	SM 2540C	
MRL 460-748711/3	Lab Control Sample	Total/NA	Water	SM 2540C	
460-225267-1 DU	Effluent 121720	Total/NA	Water	SM 2540C	

Analysis Batch: 749006

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-225267-1	Effluent 121720	Total/NA	Water	SM 2540D	
MB 460-749006/1	Method Blank	Total/NA	Water	SM 2540D	
LCSSRM 460-749006/2	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: 460-225267-1

Client Sample ID: Effluent 121720

Date Collected: 12/17/20 07:45
Date Received: 12/19/20 11:45

Lab Sample ID: 460-225267-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	748711	12/22/20 08:15	PLS	TAL EDI
Total/NA	Analysis	SM 2540D		1	749006	12/23/20 08:17	AAP	TAL EDI

Laboratory References:

TAL EDI = Eurofins TestAmerica, Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: O'Brien & Gere Inc of North America
Job ID: 460-225267-1
Project/Site: Former Accurate Die Cast

Laboratory: Eurofins TestAmerica, Edison

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Connecticut	State	PH-0200	09-30-20 *
DE Haz. Subst. Cleanup Act (HSCA)	State	N/A	12-31-21
Georgia	State	12028 (NJ)	07-01-21
Massachusetts	State	M-NJ312	06-30-21
New Jersey	NELAP	12028	06-30-21
New York	NELAP	11452	04-01-21
Pennsylvania	NELAP	68-00522	02-28-21
Rhode Island	State	LAO00132	12-31-20
USDA	US Federal Programs	P330-20-00244	11-03-23

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

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

Job ID: 460-225267-1

Method	Method Description	Protocol	Laboratory
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL EDI
SM 2540D	Solids, Total Suspended (TSS)	SM	TAL EDI

Protocol References:

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

Laboratory References:

TAL EDI = Eurofins TestAmerica, Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Sample Summary

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

Job ID: 460-225267-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
460-225267-1	Effluent 121720	Water	12/17/20 07:45	12/19/20 11:45	

Eurofins TestAmerica, ~~Buffalo~~ EDISON

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

Chain of Custody Record

eurofins | Environment Testing America

225767

Client Information	Sampler: MARTIN Koenneke	Lab PM: Schove, John R	Carrier Tracking No(s): Syracuse #225
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: John.Schove@Eurofinset.com	COC No: 480-145323-10586.1
Company: O'Brien & Gere Inc of North America		**Analysis Requested**	Page: Page 1 of 1
Address: 333 West Washington St. PO BOX 4873	**Due Date Requested:**		Job #: ~~480-17574~~
City: East Syracuse	**TAT Requested (days):**		
State, Zip: NY, 13221			
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 12000090		
Email: yuri.veliz@ramboll.com	WO #:		
Project Name: Former Accurate Die Cast	Project #: 48008584		
Site: New York	SSOW#:		

Preservation Codes: 12/21/20

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 121720	12-17-20	7:45	C	Water			1	1	2	

12/17/20 AP

460-225267 Chain of Custody

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:	
Relinquished by: Martin Koenneke	Date/Time: 12-17-20 / 10:40	Company: OBG	Received by: [signature]	Date/Time: 12/17/20 1040, Company: ES-SVR
Relinquished by: RETINQUISH	Date/Time: 12-17-20, 1900	Company: [illegible]	Received by: [signature] (Fedex)	Date/Time: 12/19/20 1145, Company: AED
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(1) 0.4°C

Ver: 01/16/2019

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 275267

Number of Coolers: 1 IR Gun # 11

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	0.4 °C	°C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

EDS-WI-038, Rev 4.1
10/22/2019

Initials: _____ Date: 12/19/20

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 460-225267-1

Login Number: 225267
List Number: 1
Creator: Rivera, Kenneth

List Source: Eurofins TestAmerica, Edison

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
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	
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

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 480-176998-1
Client Project/Site: Former Accurate Die Cast

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

Attn: Mr. David J Carnevale

Joseph V. Giacomazza

Authorized for release by:
10/26/2020 9:14:46 AM

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

Table of Contents

Definitions/Glossary

Client: O'Brien & Gere Inc of North America
Job ID: 480-176998-1
Project/Site: Former Accurate Die Cast

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
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: 480-176998-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-176998-1

Comments
No additional comments.

Receipt
The samples were received on 10/23/2020 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 4.5º C.

GC/MS VOA
Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-11-102220 (480-176998-4), MW-10- 102220 (480-176998-5), MW-17- 102220 (480-176998-9), MW-18- 102220 (480-176998-11), MW-24-102220 (480-176998-14), (480-176998-A-11 MS) and (480-176998-A-11 MSD). Elevated reporting limits (RLs) are provided.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-555499 recovered outside acceptance criteria, low biased, for Cyclohexane. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported.

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-14-102220 (480-176998-16) and MW-13- 102220 (480-176998-17). 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: 480-176998-1

Client Sample ID: PZ-1 102220 — Lab Sample ID: 480-176998-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	44		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: MW-6- 102220 — Lab Sample ID: 480-176998-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	40		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: MW-5- 102220 — Lab Sample ID: 480-176998-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.92	J	1.0	0.81	ug/L	1		8260C	Total/NA
Tetrachloroethene	1.9		1.0	0.36	ug/L	1		8260C	Total/NA
Trichloroethene	56		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: MW-11- 102220 — Lab Sample ID: 480-176998-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	670		8.0	3.7	ug/L	8		8260C	Total/NA

Client Sample ID: MW-10- 102220 — Lab Sample ID: 480-176998-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	99		2.0	0.92	ug/L	2		8260C	Total/NA

Client Sample ID: MW-12- 102220 — Lab Sample ID: 480-176998-6

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

Client Sample ID: MW-9- 102220 — Lab Sample ID: 480-176998-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	28		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: PZ-2- 102220 — Lab Sample ID: 480-176998-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.49	J	1.0	0.36	ug/L	1		8260C	Total/NA
Trichloroethene	67		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: MW-17- 102220 — Lab Sample ID: 480-176998-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	25		5.0	4.1	ug/L	5		8260C	Total/NA
Tetrachloroethene	4.3	J	5.0	1.8	ug/L	5		8260C	Total/NA
Trichloroethene	150		5.0	2.3	ug/L	5		8260C	Total/NA

Client Sample ID: MW-15- 102220 — Lab Sample ID: 480-176998-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	0.26	J	1.0	0.16	ug/L	1		8260C	Total/NA
Trichloroethene	3.5		1.0	0.46	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

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

Job ID: 480-176998-1

Client Sample ID: MW-18- 102220 — Lab Sample ID: 480-176998-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	470		20	16	ug/L	20		8260C	Total/NA
Trichloroethene	1200	F1	20	9.2	ug/L	20		8260C	Total/NA

Client Sample ID: MW-22- 102220 — Lab Sample ID: 480-176998-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	7.0		1.0	0.81	ug/L	1		8260C	Total/NA
trans-1,2-Dichloroethene	0.90	J	1.0	0.90	ug/L	1		8260C	Total/NA
Trichloroethene	9.7		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: MW-21- 102220 — Lab Sample ID: 480-176998-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	29		1.0	0.81	ug/L	1		8260C	Total/NA
Trichloroethene	13		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: MW-24- 102220 — Lab Sample ID: 480-176998-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	59		5.0	4.1	ug/L	5		8260C	Total/NA
Trichloroethene	310		5.0	2.3	ug/L	5		8260C	Total/NA

Client Sample ID: MW-16- 102220 — Lab Sample ID: 480-176998-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	1.3		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: MW-14- 102220 — Lab Sample ID: 480-176998-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	160		5.0	2.3	ug/L	5		8260C	Total/NA

Client Sample ID: MW-13- 102220 — Lab Sample ID: 480-176998-17

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

Client Sample ID: QC TRIP BLANK — Lab Sample ID: 480-176998-18

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

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

Job ID: 480-176998-1

Client Sample ID: PZ-1 102220
Date Collected: 10/22/20 07:45
Date Received: 10/23/20 08:00

Lab Sample ID: 480-176998-1
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		1.0	0.82	ug/L			10/24/20 03:32	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/24/20 03:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/24/20 03:32	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/24/20 03:32	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/24/20 03:32	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/24/20 03:32	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/24/20 03:32	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/24/20 03:32	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/24/20 03:32	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/24/20 03:32	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/24/20 03:32	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/24/20 03:32	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/24/20 03:32	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/24/20 03:32	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/24/20 03:32	1
2-Hexanone	ND		5.0	1.2	ug/L			10/24/20 03:32	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/24/20 03:32	1
Acetone	ND		10	3.0	ug/L			10/24/20 03:32	1
Benzene	ND		1.0	0.41	ug/L			10/24/20 03:32	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/24/20 03:32	1
Bromoform	ND		1.0	0.26	ug/L			10/24/20 03:32	1
Bromomethane	ND		1.0	0.69	ug/L			10/24/20 03:32	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/24/20 03:32	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/24/20 03:32	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/24/20 03:32	1
Chloroethane	ND		1.0	0.32	ug/L			10/24/20 03:32	1
Chloroform	ND		1.0	0.34	ug/L			10/24/20 03:32	1
Chloromethane	ND		1.0	0.35	ug/L			10/24/20 03:32	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/24/20 03:32	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/24/20 03:32	1
Cyclohexane	ND		1.0	0.18	ug/L			10/24/20 03:32	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/24/20 03:32	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/24/20 03:32	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/24/20 03:32	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/24/20 03:32	1
Methyl acetate	ND		2.5	1.3	ug/L			10/24/20 03:32	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/24/20 03:32	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/24/20 03:32	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/24/20 03:32	1
Styrene	ND		1.0	0.73	ug/L			10/24/20 03:32	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/24/20 03:32	1
Toluene	ND		1.0	0.51	ug/L			10/24/20 03:32	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/24/20 03:32	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/24/20 03:32	1
Trichloroethene	**44**		1.0	0.46	ug/L			10/24/20 03:32	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/24/20 03:32	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/24/20 03:32	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/24/20 03:32	1

Client Sample ID: PZ-1 102220

Lab Sample ID: 480-176998-1

Date Collected: 10/22/20 07:45

Matrix: Water

Date Received: 10/23/20 08:00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 120*		*10/24/20 03:32*	*1*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*		*10/24/20 03:32*	*1*
Dibromofluoromethane (Surr)	*108*		*75 - 123*		*10/24/20 03:32*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*10/24/20 03:32*	*1*

Client Sample ID: MW-6- 102220

Lab Sample ID: 480-176998-2

Date Collected: 10/22/20 08:10

Matrix: Water

Date Received: 10/23/20 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/24/20 03:57	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/24/20 03:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/24/20 03:57	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/24/20 03:57	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/24/20 03:57	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/24/20 03:57	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/24/20 03:57	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/24/20 03:57	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/24/20 03:57	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/24/20 03:57	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/24/20 03:57	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/24/20 03:57	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/24/20 03:57	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/24/20 03:57	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/24/20 03:57	1
2-Hexanone	ND		5.0	1.2	ug/L			10/24/20 03:57	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/24/20 03:57	1
Acetone	ND		10	3.0	ug/L			10/24/20 03:57	1
Benzene	ND		1.0	0.41	ug/L			10/24/20 03:57	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/24/20 03:57	1
Bromoform	ND		1.0	0.26	ug/L			10/24/20 03:57	1
Bromomethane	ND		1.0	0.69	ug/L			10/24/20 03:57	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/24/20 03:57	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/24/20 03:57	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/24/20 03:57	1
Chloroethane	ND		1.0	0.32	ug/L			10/24/20 03:57	1
Chloroform	ND		1.0	0.34	ug/L			10/24/20 03:57	1
Chloromethane	ND		1.0	0.35	ug/L			10/24/20 03:57	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/24/20 03:57	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/24/20 03:57	1
Cyclohexane	ND		1.0	0.18	ug/L			10/24/20 03:57	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/24/20 03:57	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/24/20 03:57	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/24/20 03:57	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/24/20 03:57	1
Methyl acetate	ND		2.5	1.3	ug/L			10/24/20 03:57	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/24/20 03:57	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/24/20 03:57	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/24/20 03:57	1

Client Sample ID: MW-6- 102220

Lab Sample ID: 480-176998-2

Date Collected: 10/22/20 08:10

Matrix: Water

Date Received: 10/23/20 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		1.0	0.73	ug/L			10/24/20 03:57	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/24/20 03:57	1
Toluene	ND		1.0	0.51	ug/L			10/24/20 03:57	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/24/20 03:57	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/24/20 03:57	1
Trichloroethene	**40**		1.0	0.46	ug/L			10/24/20 03:57	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/24/20 03:57	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/24/20 03:57	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/24/20 03:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*		*10/24/20 03:57*	*1*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*10/24/20 03:57*	*1*
Dibromofluoromethane (Surr)	*109*		*75 - 123*		*10/24/20 03:57*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*10/24/20 03:57*	*1*

Client Sample ID: MW-5- 102220

Lab Sample ID: 480-176998-3

Date Collected: 10/22/20 08:40

Matrix: Water

Date Received: 10/23/20 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/24/20 04:22	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/24/20 04:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/24/20 04:22	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/24/20 04:22	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/24/20 04:22	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/24/20 04:22	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/24/20 04:22	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/24/20 04:22	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/24/20 04:22	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/24/20 04:22	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/24/20 04:22	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/24/20 04:22	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/24/20 04:22	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/24/20 04:22	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/24/20 04:22	1
2-Hexanone	ND		5.0	1.2	ug/L			10/24/20 04:22	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/24/20 04:22	1
Acetone	ND		10	3.0	ug/L			10/24/20 04:22	1
Benzene	ND		1.0	0.41	ug/L			10/24/20 04:22	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/24/20 04:22	1
Bromoform	ND		1.0	0.26	ug/L			10/24/20 04:22	1
Bromomethane	ND		1.0	0.69	ug/L			10/24/20 04:22	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/24/20 04:22	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/24/20 04:22	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/24/20 04:22	1
Chloroethane	ND		1.0	0.32	ug/L			10/24/20 04:22	1
Chloroform	ND		1.0	0.34	ug/L			10/24/20 04:22	1
Chloromethane	ND		1.0	0.35	ug/L			10/24/20 04:22	1

Client Sample ID: MW-5- 102220

Lab Sample ID: 480-176998-3

Date Collected: 10/22/20 08:40

Matrix: Water

Date Received: 10/23/20 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**0.92**	**J**	1.0	0.81	ug/L			10/24/20 04:22	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/24/20 04:22	1
Cyclohexane	ND		1.0	0.18	ug/L			10/24/20 04:22	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/24/20 04:22	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/24/20 04:22	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/24/20 04:22	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/24/20 04:22	1
Methyl acetate	ND		2.5	1.3	ug/L			10/24/20 04:22	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/24/20 04:22	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/24/20 04:22	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/24/20 04:22	1
Styrene	ND		1.0	0.73	ug/L			10/24/20 04:22	1
Tetrachloroethene	**1.9**		1.0	0.36	ug/L			10/24/20 04:22	1
Toluene	ND		1.0	0.51	ug/L			10/24/20 04:22	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/24/20 04:22	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/24/20 04:22	1
Trichloroethene	**56**		1.0	0.46	ug/L			10/24/20 04:22	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/24/20 04:22	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/24/20 04:22	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/24/20 04:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*		*10/24/20 04:22*	*1*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*		*10/24/20 04:22*	*1*
Dibromofluoromethane (Surr)	*107*		*75 - 123*		*10/24/20 04:22*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*10/24/20 04:22*	*1*

Client Sample ID: MW-11- 102220

Lab Sample ID: 480-176998-4

Date Collected: 10/22/20 09:00

Matrix: Water

Date Received: 10/23/20 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		8.0	6.6	ug/L			10/24/20 04:47	8
1,1,2,2-Tetrachloroethane	ND		8.0	1.7	ug/L			10/24/20 04:47	8
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.0	2.5	ug/L			10/24/20 04:47	8
1,1,2-Trichloroethane	ND		8.0	1.8	ug/L			10/24/20 04:47	8
1,1-Dichloroethane	ND		8.0	3.0	ug/L			10/24/20 04:47	8
1,1-Dichloroethene	ND		8.0	2.3	ug/L			10/24/20 04:47	8
1,2,4-Trichlorobenzene	ND		8.0	3.3	ug/L			10/24/20 04:47	8
1,2-Dibromo-3-Chloropropane	ND		8.0	3.1	ug/L			10/24/20 04:47	8
1,2-Dibromoethane	ND		8.0	5.8	ug/L			10/24/20 04:47	8
1,2-Dichlorobenzene	ND		8.0	6.3	ug/L			10/24/20 04:47	8
1,2-Dichloroethane	ND		8.0	1.7	ug/L			10/24/20 04:47	8
1,2-Dichloropropane	ND		8.0	5.8	ug/L			10/24/20 04:47	8
1,3-Dichlorobenzene	ND		8.0	6.2	ug/L			10/24/20 04:47	8
1,4-Dichlorobenzene	ND		8.0	6.7	ug/L			10/24/20 04:47	8
2-Butanone (MEK)	ND		80	11	ug/L			10/24/20 04:47	8
2-Hexanone	ND		40	9.9	ug/L			10/24/20 04:47	8
4-Methyl-2-pentanone (MIBK)	ND		40	17	ug/L			10/24/20 04:47	8

Client Sample ID: MW-11- 102220

Lab Sample ID: 480-176998-4

Date Collected: 10/22/20 09:00

Matrix: Water

Date Received: 10/23/20 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		80	24	ug/L			10/24/20 04:47	8
Benzene	ND		8.0	3.3	ug/L			10/24/20 04:47	8
Bromodichloromethane	ND		8.0	3.1	ug/L			10/24/20 04:47	8
Bromoform	ND		8.0	2.1	ug/L			10/24/20 04:47	8
Bromomethane	ND		8.0	5.5	ug/L			10/24/20 04:47	8
Carbon disulfide	ND		8.0	1.5	ug/L			10/24/20 04:47	8
Carbon tetrachloride	ND		8.0	2.2	ug/L			10/24/20 04:47	8
Chlorobenzene	ND		8.0	6.0	ug/L			10/24/20 04:47	8
Chloroethane	ND		8.0	2.6	ug/L			10/24/20 04:47	8
Chloroform	ND		8.0	2.7	ug/L			10/24/20 04:47	8
Chloromethane	ND		8.0	2.8	ug/L			10/24/20 04:47	8
cis-1,2-Dichloroethene	ND		8.0	6.5	ug/L			10/24/20 04:47	8
cis-1,3-Dichloropropene	ND		8.0	2.9	ug/L			10/24/20 04:47	8
Cyclohexane	ND		8.0	1.4	ug/L			10/24/20 04:47	8
Dibromochloromethane	ND		8.0	2.6	ug/L			10/24/20 04:47	8
Dichlorodifluoromethane	ND		8.0	5.4	ug/L			10/24/20 04:47	8
Ethylbenzene	ND		8.0	5.9	ug/L			10/24/20 04:47	8
Isopropylbenzene	ND		8.0	6.3	ug/L			10/24/20 04:47	8
Methyl acetate	ND		20	10	ug/L			10/24/20 04:47	8
Methyl tert-butyl ether	ND		8.0	1.3	ug/L			10/24/20 04:47	8
Methylcyclohexane	ND		8.0	1.3	ug/L			10/24/20 04:47	8
Methylene Chloride	ND		8.0	3.5	ug/L			10/24/20 04:47	8
Styrene	ND		8.0	5.8	ug/L			10/24/20 04:47	8
Tetrachloroethene	ND		8.0	2.9	ug/L			10/24/20 04:47	8
Toluene	ND		8.0	4.1	ug/L			10/24/20 04:47	8
trans-1,2-Dichloroethene	ND		8.0	7.2	ug/L			10/24/20 04:47	8
trans-1,3-Dichloropropene	ND		8.0	3.0	ug/L			10/24/20 04:47	8
Trichloroethene	**670**		8.0	3.7	ug/L			10/24/20 04:47	8
Trichlorofluoromethane	ND		8.0	7.0	ug/L			10/24/20 04:47	8
Vinyl chloride	ND		8.0	7.2	ug/L			10/24/20 04:47	8
Xylenes, Total	ND		16	5.3	ug/L			10/24/20 04:47	8

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*		*10/24/20 04:47*	*8*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*		*10/24/20 04:47*	*8*
Dibromofluoromethane (Surr)	*107*		*75 - 123*		*10/24/20 04:47*	*8*
Toluene-d8 (Surr)	*95*		*80 - 120*		*10/24/20 04:47*	*8*

Client Sample ID: MW-10- 102220

Lab Sample ID: 480-176998-5

Date Collected: 10/22/20 09:30

Matrix: Water

Date Received: 10/23/20 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			10/24/20 05:11	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			10/24/20 05:11	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			10/24/20 05:11	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			10/24/20 05:11	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			10/24/20 05:11	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			10/24/20 05:11	2

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

Job ID: 480-176998-1

Client Sample ID: MW-10- 102220
Date Collected: 10/22/20 09:30
Date Received: 10/23/20 08:00

Lab Sample ID: 480-176998-5
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		2.0	0.82	ug/L			10/24/20 05:11	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			10/24/20 05:11	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			10/24/20 05:11	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			10/24/20 05:11	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			10/24/20 05:11	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			10/24/20 05:11	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			10/24/20 05:11	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			10/24/20 05:11	2
2-Butanone (MEK)	ND		20	2.6	ug/L			10/24/20 05:11	2
2-Hexanone	ND		10	2.5	ug/L			10/24/20 05:11	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			10/24/20 05:11	2
Acetone	ND		20	6.0	ug/L			10/24/20 05:11	2
Benzene	ND		2.0	0.82	ug/L			10/24/20 05:11	2
Bromodichloromethane	ND		2.0	0.78	ug/L			10/24/20 05:11	2
Bromoform	ND		2.0	0.52	ug/L			10/24/20 05:11	2
Bromomethane	ND		2.0	1.4	ug/L			10/24/20 05:11	2
Carbon disulfide	ND		2.0	0.38	ug/L			10/24/20 05:11	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			10/24/20 05:11	2
Chlorobenzene	ND		2.0	1.5	ug/L			10/24/20 05:11	2
Chloroethane	ND		2.0	0.64	ug/L			10/24/20 05:11	2
Chloroform	ND		2.0	0.68	ug/L			10/24/20 05:11	2
Chloromethane	ND		2.0	0.70	ug/L			10/24/20 05:11	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			10/24/20 05:11	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			10/24/20 05:11	2
Cyclohexane	ND		2.0	0.36	ug/L			10/24/20 05:11	2
Dibromochloromethane	ND		2.0	0.64	ug/L			10/24/20 05:11	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			10/24/20 05:11	2
Ethylbenzene	ND		2.0	1.5	ug/L			10/24/20 05:11	2
Isopropylbenzene	ND		2.0	1.6	ug/L			10/24/20 05:11	2
Methyl acetate	ND		5.0	2.6	ug/L			10/24/20 05:11	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			10/24/20 05:11	2
Methylcyclohexane	ND		2.0	0.32	ug/L			10/24/20 05:11	2
Methylene Chloride	ND		2.0	0.88	ug/L			10/24/20 05:11	2
Styrene	ND		2.0	1.5	ug/L			10/24/20 05:11	2
Tetrachloroethene	ND		2.0	0.72	ug/L			10/24/20 05:11	2
Toluene	ND		2.0	1.0	ug/L			10/24/20 05:11	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			10/24/20 05:11	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			10/24/20 05:11	2
Trichloroethene	**99**		2.0	0.92	ug/L			10/24/20 05:11	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			10/24/20 05:11	2
Vinyl chloride	ND		2.0	1.8	ug/L			10/24/20 05:11	2
Xylenes, Total	ND		4.0	1.3	ug/L			10/24/20 05:11	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*		*10/24/20 05:11*	*2*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*10/24/20 05:11*	*2*
Dibromofluoromethane (Surr)	*111*		*75 - 123*		*10/24/20 05:11*	*2*
Toluene-d8 (Surr)	*99*		*80 - 120*		*10/24/20 05:11*	*2*

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

Job ID: 480-176998-1

Client Sample ID: MW-12- 102220
Date Collected: 10/22/20 09:50
Date Received: 10/23/20 08:00

Lab Sample ID: 480-176998-6
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			10/24/20 05:36	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/24/20 05:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/24/20 05:36	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/24/20 05:36	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/24/20 05:36	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/24/20 05:36	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/24/20 05:36	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/24/20 05:36	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/24/20 05:36	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/24/20 05:36	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/24/20 05:36	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/24/20 05:36	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/24/20 05:36	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/24/20 05:36	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/24/20 05:36	1
2-Hexanone	ND		5.0	1.2	ug/L			10/24/20 05:36	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/24/20 05:36	1
Acetone	ND		10	3.0	ug/L			10/24/20 05:36	1
Benzene	ND		1.0	0.41	ug/L			10/24/20 05:36	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/24/20 05:36	1
Bromoform	ND		1.0	0.26	ug/L			10/24/20 05:36	1
Bromomethane	ND		1.0	0.69	ug/L			10/24/20 05:36	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/24/20 05:36	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/24/20 05:36	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/24/20 05:36	1
Chloroethane	ND		1.0	0.32	ug/L			10/24/20 05:36	1
Chloroform	ND		1.0	0.34	ug/L			10/24/20 05:36	1
Chloromethane	ND		1.0	0.35	ug/L			10/24/20 05:36	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/24/20 05:36	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/24/20 05:36	1
Cyclohexane	ND		1.0	0.18	ug/L			10/24/20 05:36	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/24/20 05:36	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/24/20 05:36	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/24/20 05:36	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/24/20 05:36	1
Methyl acetate	ND		2.5	1.3	ug/L			10/24/20 05:36	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/24/20 05:36	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/24/20 05:36	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/24/20 05:36	1
Styrene	ND		1.0	0.73	ug/L			10/24/20 05:36	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/24/20 05:36	1
Toluene	ND		1.0	0.51	ug/L			10/24/20 05:36	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/24/20 05:36	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/24/20 05:36	1
Trichloroethene	**13**		1.0	0.46	ug/L			10/24/20 05:36	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/24/20 05:36	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/24/20 05:36	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/24/20 05:36	1

Client Sample ID: MW-12- 102220

Lab Sample ID: 480-176998-6

Date Collected: 10/22/20 09:50

Matrix: Water

Date Received: 10/23/20 08:00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*		*10/24/20 05:36*	*1*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*		*10/24/20 05:36*	*1*
Dibromofluoromethane (Surr)	*109*		*75 - 123*		*10/24/20 05:36*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*10/24/20 05:36*	*1*

Client Sample ID: MW-9- 102220

Lab Sample ID: 480-176998-7

Date Collected: 10/22/20 10:15

Matrix: Water

Date Received: 10/23/20 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/24/20 06:01	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/24/20 06:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/24/20 06:01	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/24/20 06:01	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/24/20 06:01	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/24/20 06:01	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/24/20 06:01	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/24/20 06:01	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/24/20 06:01	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/24/20 06:01	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/24/20 06:01	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/24/20 06:01	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/24/20 06:01	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/24/20 06:01	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/24/20 06:01	1
2-Hexanone	ND		5.0	1.2	ug/L			10/24/20 06:01	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/24/20 06:01	1
Acetone	ND		10	3.0	ug/L			10/24/20 06:01	1
Benzene	ND		1.0	0.41	ug/L			10/24/20 06:01	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/24/20 06:01	1
Bromoform	ND		1.0	0.26	ug/L			10/24/20 06:01	1
Bromomethane	ND		1.0	0.69	ug/L			10/24/20 06:01	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/24/20 06:01	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/24/20 06:01	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/24/20 06:01	1
Chloroethane	ND		1.0	0.32	ug/L			10/24/20 06:01	1
Chloroform	ND		1.0	0.34	ug/L			10/24/20 06:01	1
Chloromethane	ND		1.0	0.35	ug/L			10/24/20 06:01	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/24/20 06:01	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/24/20 06:01	1
Cyclohexane	ND		1.0	0.18	ug/L			10/24/20 06:01	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/24/20 06:01	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/24/20 06:01	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/24/20 06:01	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/24/20 06:01	1
Methyl acetate	ND		2.5	1.3	ug/L			10/24/20 06:01	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/24/20 06:01	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/24/20 06:01	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/24/20 06:01	1

Client Sample ID: MW-9- 102220

Lab Sample ID: 480-176998-7

Date Collected: 10/22/20 10:15

Matrix: Water

Date Received: 10/23/20 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		1.0	0.73	ug/L			10/24/20 06:01	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/24/20 06:01	1
Toluene	ND		1.0	0.51	ug/L			10/24/20 06:01	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/24/20 06:01	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/24/20 06:01	1
Trichloroethene	**28**		1.0	0.46	ug/L			10/24/20 06:01	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/24/20 06:01	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/24/20 06:01	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/24/20 06:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*		*10/24/20 06:01*	*1*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*		*10/24/20 06:01*	*1*
Dibromofluoromethane (Surr)	*106*		*75 - 123*		*10/24/20 06:01*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*10/24/20 06:01*	*1*

Client Sample ID: PZ-2- 102220

Lab Sample ID: 480-176998-8

Date Collected: 10/22/20 10:45

Matrix: Water

Date Received: 10/23/20 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/24/20 06:26	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/24/20 06:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/24/20 06:26	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/24/20 06:26	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/24/20 06:26	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/24/20 06:26	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/24/20 06:26	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/24/20 06:26	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/24/20 06:26	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/24/20 06:26	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/24/20 06:26	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/24/20 06:26	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/24/20 06:26	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/24/20 06:26	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/24/20 06:26	1
2-Hexanone	ND		5.0	1.2	ug/L			10/24/20 06:26	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/24/20 06:26	1
Acetone	ND		10	3.0	ug/L			10/24/20 06:26	1
Benzene	ND		1.0	0.41	ug/L			10/24/20 06:26	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/24/20 06:26	1
Bromoform	ND		1.0	0.26	ug/L			10/24/20 06:26	1
Bromomethane	ND		1.0	0.69	ug/L			10/24/20 06:26	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/24/20 06:26	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/24/20 06:26	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/24/20 06:26	1
Chloroethane	ND		1.0	0.32	ug/L			10/24/20 06:26	1
Chloroform	ND		1.0	0.34	ug/L			10/24/20 06:26	1
Chloromethane	ND		1.0	0.35	ug/L			10/24/20 06:26	1

Client Sample ID: PZ-2- 102220

Lab Sample ID: 480-176998-8

Date Collected: 10/22/20 10:45

Matrix: Water

Date Received: 10/23/20 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/24/20 06:26	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/24/20 06:26	1
Cyclohexane	ND		1.0	0.18	ug/L			10/24/20 06:26	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/24/20 06:26	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/24/20 06:26	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/24/20 06:26	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/24/20 06:26	1
Methyl acetate	ND		2.5	1.3	ug/L			10/24/20 06:26	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/24/20 06:26	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/24/20 06:26	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/24/20 06:26	1
Styrene	ND		1.0	0.73	ug/L			10/24/20 06:26	1
Tetrachloroethene	**0.49**	**J**	1.0	0.36	ug/L			10/24/20 06:26	1
Toluene	ND		1.0	0.51	ug/L			10/24/20 06:26	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/24/20 06:26	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/24/20 06:26	1
Trichloroethene	**67**		1.0	0.46	ug/L			10/24/20 06:26	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/24/20 06:26	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/24/20 06:26	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/24/20 06:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 120*		*10/24/20 06:26*	*1*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*		*10/24/20 06:26*	*1*
Dibromofluoromethane (Surr)	*110*		*75 - 123*		*10/24/20 06:26*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*10/24/20 06:26*	*1*

Client Sample ID: MW-17- 102220

Lab Sample ID: 480-176998-9

Date Collected: 10/22/20 11:05

Matrix: Water

Date Received: 10/23/20 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	4.1	ug/L			10/24/20 06:51	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			10/24/20 06:51	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6	ug/L			10/24/20 06:51	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			10/24/20 06:51	5
1,1-Dichloroethane	ND		5.0	1.9	ug/L			10/24/20 06:51	5
1,1-Dichloroethene	ND		5.0	1.5	ug/L			10/24/20 06:51	5
1,2,4-Trichlorobenzene	ND		5.0	2.1	ug/L			10/24/20 06:51	5
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/L			10/24/20 06:51	5
1,2-Dibromoethane	ND		5.0	3.7	ug/L			10/24/20 06:51	5
1,2-Dichlorobenzene	ND		5.0	4.0	ug/L			10/24/20 06:51	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			10/24/20 06:51	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			10/24/20 06:51	5
1,3-Dichlorobenzene	ND		5.0	3.9	ug/L			10/24/20 06:51	5
1,4-Dichlorobenzene	ND		5.0	4.2	ug/L			10/24/20 06:51	5
2-Butanone (MEK)	ND		50	6.6	ug/L			10/24/20 06:51	5
2-Hexanone	ND		25	6.2	ug/L			10/24/20 06:51	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			10/24/20 06:51	5

Client Sample ID: MW-17- 102220

Lab Sample ID: 480-176998-9

Date Collected: 10/22/20 11:05

Matrix: Water

Date Received: 10/23/20 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50	15	ug/L			10/24/20 06:51	5
Benzene	ND		5.0	2.1	ug/L			10/24/20 06:51	5
Bromodichloromethane	ND		5.0	2.0	ug/L			10/24/20 06:51	5
Bromoform	ND		5.0	1.3	ug/L			10/24/20 06:51	5
Bromomethane	ND		5.0	3.5	ug/L			10/24/20 06:51	5
Carbon disulfide	ND		5.0	0.95	ug/L			10/24/20 06:51	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			10/24/20 06:51	5
Chlorobenzene	ND		5.0	3.8	ug/L			10/24/20 06:51	5
Chloroethane	ND		5.0	1.6	ug/L			10/24/20 06:51	5
Chloroform	ND		5.0	1.7	ug/L			10/24/20 06:51	5
Chloromethane	ND		5.0	1.8	ug/L			10/24/20 06:51	5
cis-1,2-Dichloroethene	**25**		5.0	4.1	ug/L			10/24/20 06:51	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			10/24/20 06:51	5
Cyclohexane	ND		5.0	0.90	ug/L			10/24/20 06:51	5
Dibromochloromethane	ND		5.0	1.6	ug/L			10/24/20 06:51	5
Dichlorodifluoromethane	ND		5.0	3.4	ug/L			10/24/20 06:51	5
Ethylbenzene	ND		5.0	3.7	ug/L			10/24/20 06:51	5
Isopropylbenzene	ND		5.0	4.0	ug/L			10/24/20 06:51	5
Methyl acetate	ND		13	6.5	ug/L			10/24/20 06:51	5
Methyl tert-butyl ether	ND		5.0	0.80	ug/L			10/24/20 06:51	5
Methylcyclohexane	ND		5.0	0.80	ug/L			10/24/20 06:51	5
Methylene Chloride	ND		5.0	2.2	ug/L			10/24/20 06:51	5
Styrene	ND		5.0	3.7	ug/L			10/24/20 06:51	5
Tetrachloroethene	**4.3**	**J**	5.0	1.8	ug/L			10/24/20 06:51	5
Toluene	ND		5.0	2.6	ug/L			10/24/20 06:51	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			10/24/20 06:51	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			10/24/20 06:51	5
Trichloroethene	**150**		5.0	2.3	ug/L			10/24/20 06:51	5
Trichlorofluoromethane	ND		5.0	4.4	ug/L			10/24/20 06:51	5
Vinyl chloride	ND		5.0	4.5	ug/L			10/24/20 06:51	5
Xylenes, Total	ND		10	3.3	ug/L			10/24/20 06:51	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*10/24/20 06:51*	*5*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*10/24/20 06:51*	*5*
Dibromofluoromethane (Surr)	*107*		*75 - 123*		*10/24/20 06:51*	*5*
Toluene-d8 (Surr)	*97*		*80 - 120*		*10/24/20 06:51*	*5*

Client Sample ID: MW-15- 102220

Lab Sample ID: 480-176998-10

Date Collected: 10/22/20 11:35

Matrix: Water

Date Received: 10/23/20 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/24/20 07:15	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/24/20 07:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/24/20 07:15	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/24/20 07:15	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/24/20 07:15	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/24/20 07:15	1

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

Job ID: 480-176998-1

Client Sample ID: MW-15- 102220
Date Collected: 10/22/20 11:35
Date Received: 10/23/20 08:00

Lab Sample ID: 480-176998-10
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		1.0	0.41	ug/L			10/24/20 07:15	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/24/20 07:15	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/24/20 07:15	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/24/20 07:15	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/24/20 07:15	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/24/20 07:15	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/24/20 07:15	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/24/20 07:15	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/24/20 07:15	1
2-Hexanone	ND		5.0	1.2	ug/L			10/24/20 07:15	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/24/20 07:15	1
Acetone	ND		10	3.0	ug/L			10/24/20 07:15	1
Benzene	ND		1.0	0.41	ug/L			10/24/20 07:15	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/24/20 07:15	1
Bromoform	ND		1.0	0.26	ug/L			10/24/20 07:15	1
Bromomethane	ND		1.0	0.69	ug/L			10/24/20 07:15	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/24/20 07:15	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/24/20 07:15	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/24/20 07:15	1
Chloroethane	ND		1.0	0.32	ug/L			10/24/20 07:15	1
Chloroform	ND		1.0	0.34	ug/L			10/24/20 07:15	1
Chloromethane	ND		1.0	0.35	ug/L			10/24/20 07:15	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/24/20 07:15	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/24/20 07:15	1
Cyclohexane	ND		1.0	0.18	ug/L			10/24/20 07:15	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/24/20 07:15	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/24/20 07:15	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/24/20 07:15	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/24/20 07:15	1
Methyl acetate	ND		2.5	1.3	ug/L			10/24/20 07:15	1
Methyl tert-butyl ether	**0.26**	**J**	1.0	0.16	ug/L			10/24/20 07:15	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/24/20 07:15	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/24/20 07:15	1
Styrene	ND		1.0	0.73	ug/L			10/24/20 07:15	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/24/20 07:15	1
Toluene	ND		1.0	0.51	ug/L			10/24/20 07:15	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/24/20 07:15	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/24/20 07:15	1
Trichloroethene	**3.5**		1.0	0.46	ug/L			10/24/20 07:15	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/24/20 07:15	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/24/20 07:15	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/24/20 07:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*77 - 120*		*10/24/20 07:15*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*10/24/20 07:15*	*1*
Dibromofluoromethane (Surr)	*110*		*75 - 123*		*10/24/20 07:15*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*10/24/20 07:15*	*1*

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

Job ID: 480-176998-1

Client Sample ID: MW-18- 102220
Date Collected: 10/22/20 12:15
Date Received: 10/23/20 08:00

Lab Sample ID: 480-176998-11
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			10/24/20 07:40	20
1,1,2,2-Tetrachloroethane	ND		20	4.2	ug/L			10/24/20 07:40	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		20	6.2	ug/L			10/24/20 07:40	20
1,1,2-Trichloroethane	ND		20	4.6	ug/L			10/24/20 07:40	20
1,1-Dichloroethane	ND		20	7.6	ug/L			10/24/20 07:40	20
1,1-Dichloroethene	ND		20	5.8	ug/L			10/24/20 07:40	20
1,2,4-Trichlorobenzene	ND		20	8.2	ug/L			10/24/20 07:40	20
1,2-Dibromo-3-Chloropropane	ND		20	7.8	ug/L			10/24/20 07:40	20
1,2-Dibromoethane	ND		20	15	ug/L			10/24/20 07:40	20
1,2-Dichlorobenzene	ND		20	16	ug/L			10/24/20 07:40	20
1,2-Dichloroethane	ND		20	4.2	ug/L			10/24/20 07:40	20
1,2-Dichloropropane	ND		20	14	ug/L			10/24/20 07:40	20
1,3-Dichlorobenzene	ND		20	16	ug/L			10/24/20 07:40	20
1,4-Dichlorobenzene	ND		20	17	ug/L			10/24/20 07:40	20
2-Butanone (MEK)	ND		200	26	ug/L			10/24/20 07:40	20
2-Hexanone	ND		100	25	ug/L			10/24/20 07:40	20
4-Methyl-2-pentanone (MIBK)	ND		100	42	ug/L			10/24/20 07:40	20
Acetone	ND		200	60	ug/L			10/24/20 07:40	20
Benzene	ND		20	8.2	ug/L			10/24/20 07:40	20
Bromodichloromethane	ND		20	7.8	ug/L			10/24/20 07:40	20
Bromoform	ND		20	5.2	ug/L			10/24/20 07:40	20
Bromomethane	ND		20	14	ug/L			10/24/20 07:40	20
Carbon disulfide	ND		20	3.8	ug/L			10/24/20 07:40	20
Carbon tetrachloride	ND		20	5.4	ug/L			10/24/20 07:40	20
Chlorobenzene	ND		20	15	ug/L			10/24/20 07:40	20
Chloroethane	ND		20	6.4	ug/L			10/24/20 07:40	20
Chloroform	ND		20	6.8	ug/L			10/24/20 07:40	20
Chloromethane	ND		20	7.0	ug/L			10/24/20 07:40	20
cis-1,2-Dichloroethene	**470**		20	16	ug/L			10/24/20 07:40	20
cis-1,3-Dichloropropene	ND		20	7.2	ug/L			10/24/20 07:40	20
Cyclohexane	ND		20	3.6	ug/L			10/24/20 07:40	20
Dibromochloromethane	ND		20	6.4	ug/L			10/24/20 07:40	20
Dichlorodifluoromethane	ND		20	14	ug/L			10/24/20 07:40	20
Ethylbenzene	ND		20	15	ug/L			10/24/20 07:40	20
Isopropylbenzene	ND		20	16	ug/L			10/24/20 07:40	20
Methyl acetate	ND		50	26	ug/L			10/24/20 07:40	20
Methyl tert-butyl ether	ND		20	3.2	ug/L			10/24/20 07:40	20
Methylcyclohexane	ND		20	3.2	ug/L			10/24/20 07:40	20
Methylene Chloride	ND		20	8.8	ug/L			10/24/20 07:40	20
Styrene	ND		20	15	ug/L			10/24/20 07:40	20
Tetrachloroethene	ND		20	7.2	ug/L			10/24/20 07:40	20
Toluene	ND		20	10	ug/L			10/24/20 07:40	20
trans-1,2-Dichloroethene	ND		20	18	ug/L			10/24/20 07:40	20
trans-1,3-Dichloropropene	ND		20	7.4	ug/L			10/24/20 07:40	20
Trichloroethene	**1200**	**F1**	20	9.2	ug/L			10/24/20 07:40	20
Trichlorofluoromethane	ND		20	18	ug/L			10/24/20 07:40	20
Vinyl chloride	ND		20	18	ug/L			10/24/20 07:40	20
Xylenes, Total	ND		40	13	ug/L			10/24/20 07:40	20

Client Sample ID: MW-18- 102220

Lab Sample ID: 480-176998-11

Date Collected: 10/22/20 12:15

Matrix: Water

Date Received: 10/23/20 08:00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*		*10/24/20 07:40*	*20*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*10/24/20 07:40*	*20*
Dibromofluoromethane (Surr)	*109*		*75 - 123*		*10/24/20 07:40*	*20*
Toluene-d8 (Surr)	*98*		*80 - 120*		*10/24/20 07:40*	*20*

Client Sample ID: MW-22- 102220

Lab Sample ID: 480-176998-12

Date Collected: 10/22/20 12:35

Matrix: Water

Date Received: 10/23/20 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/24/20 08:05	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/24/20 08:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/24/20 08:05	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/24/20 08:05	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/24/20 08:05	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/24/20 08:05	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/24/20 08:05	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/24/20 08:05	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/24/20 08:05	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/24/20 08:05	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/24/20 08:05	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/24/20 08:05	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/24/20 08:05	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/24/20 08:05	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/24/20 08:05	1
2-Hexanone	ND		5.0	1.2	ug/L			10/24/20 08:05	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/24/20 08:05	1
Acetone	ND		10	3.0	ug/L			10/24/20 08:05	1
Benzene	ND		1.0	0.41	ug/L			10/24/20 08:05	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/24/20 08:05	1
Bromoform	ND		1.0	0.26	ug/L			10/24/20 08:05	1
Bromomethane	ND		1.0	0.69	ug/L			10/24/20 08:05	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/24/20 08:05	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/24/20 08:05	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/24/20 08:05	1
Chloroethane	ND		1.0	0.32	ug/L			10/24/20 08:05	1
Chloroform	ND		1.0	0.34	ug/L			10/24/20 08:05	1
Chloromethane	ND		1.0	0.35	ug/L			10/24/20 08:05	1
cis-1,2-Dichloroethene	**7.0**		1.0	0.81	ug/L			10/24/20 08:05	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/24/20 08:05	1
Cyclohexane	ND		1.0	0.18	ug/L			10/24/20 08:05	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/24/20 08:05	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/24/20 08:05	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/24/20 08:05	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/24/20 08:05	1
Methyl acetate	ND		2.5	1.3	ug/L			10/24/20 08:05	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/24/20 08:05	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/24/20 08:05	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/24/20 08:05	1

Client Sample ID: MW-22- 102220

Lab Sample ID: 480-176998-12

Date Collected: 10/22/20 12:35

Matrix: Water

Date Received: 10/23/20 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		1.0	0.73	ug/L			10/24/20 08:05	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/24/20 08:05	1
Toluene	ND		1.0	0.51	ug/L			10/24/20 08:05	1
trans-1,2-Dichloroethene	**0.90**	**J**	1.0	0.90	ug/L			10/24/20 08:05	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/24/20 08:05	1
Trichloroethene	**9.7**		1.0	0.46	ug/L			10/24/20 08:05	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/24/20 08:05	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/24/20 08:05	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/24/20 08:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 120*		*10/24/20 08:05*	*1*
4-Bromofluorobenzene (Surr)	*94*		*73 - 120*		*10/24/20 08:05*	*1*
Dibromofluoromethane (Surr)	*111*		*75 - 123*		*10/24/20 08:05*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*10/24/20 08:05*	*1*

Client Sample ID: MW-21- 102220

Lab Sample ID: 480-176998-13

Date Collected: 10/22/20 12:50

Matrix: Water

Date Received: 10/23/20 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/24/20 08:29	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/24/20 08:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/24/20 08:29	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/24/20 08:29	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/24/20 08:29	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/24/20 08:29	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/24/20 08:29	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/24/20 08:29	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/24/20 08:29	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/24/20 08:29	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/24/20 08:29	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/24/20 08:29	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/24/20 08:29	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/24/20 08:29	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/24/20 08:29	1
2-Hexanone	ND		5.0	1.2	ug/L			10/24/20 08:29	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/24/20 08:29	1
Acetone	ND		10	3.0	ug/L			10/24/20 08:29	1
Benzene	ND		1.0	0.41	ug/L			10/24/20 08:29	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/24/20 08:29	1
Bromoform	ND		1.0	0.26	ug/L			10/24/20 08:29	1
Bromomethane	ND		1.0	0.69	ug/L			10/24/20 08:29	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/24/20 08:29	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/24/20 08:29	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/24/20 08:29	1
Chloroethane	ND		1.0	0.32	ug/L			10/24/20 08:29	1
Chloroform	ND		1.0	0.34	ug/L			10/24/20 08:29	1
Chloromethane	ND		1.0	0.35	ug/L			10/24/20 08:29	1

Client Sample ID: MW-21- 102220

Lab Sample ID: 480-176998-13

Date Collected: 10/22/20 12:50

Matrix: Water

Date Received: 10/23/20 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**29**		1.0	0.81	ug/L			10/24/20 08:29	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/24/20 08:29	1
Cyclohexane	ND		1.0	0.18	ug/L			10/24/20 08:29	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/24/20 08:29	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/24/20 08:29	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/24/20 08:29	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/24/20 08:29	1
Methyl acetate	ND		2.5	1.3	ug/L			10/24/20 08:29	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/24/20 08:29	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/24/20 08:29	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/24/20 08:29	1
Styrene	ND		1.0	0.73	ug/L			10/24/20 08:29	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/24/20 08:29	1
Toluene	ND		1.0	0.51	ug/L			10/24/20 08:29	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/24/20 08:29	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/24/20 08:29	1
Trichloroethene	**13**		1.0	0.46	ug/L			10/24/20 08:29	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/24/20 08:29	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/24/20 08:29	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/24/20 08:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*		*10/24/20 08:29*	*1*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*10/24/20 08:29*	*1*
Dibromofluoromethane (Surr)	*111*		*75 - 123*		*10/24/20 08:29*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*10/24/20 08:29*	*1*

Client Sample ID: MW-24- 102220

Lab Sample ID: 480-176998-14

Date Collected: 10/22/20 13:15

Matrix: Water

Date Received: 10/23/20 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	4.1	ug/L			10/24/20 08:55	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			10/24/20 08:55	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6	ug/L			10/24/20 08:55	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			10/24/20 08:55	5
1,1-Dichloroethane	ND		5.0	1.9	ug/L			10/24/20 08:55	5
1,1-Dichloroethene	ND		5.0	1.5	ug/L			10/24/20 08:55	5
1,2,4-Trichlorobenzene	ND		5.0	2.1	ug/L			10/24/20 08:55	5
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/L			10/24/20 08:55	5
1,2-Dibromoethane	ND		5.0	3.7	ug/L			10/24/20 08:55	5
1,2-Dichlorobenzene	ND		5.0	4.0	ug/L			10/24/20 08:55	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			10/24/20 08:55	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			10/24/20 08:55	5
1,3-Dichlorobenzene	ND		5.0	3.9	ug/L			10/24/20 08:55	5
1,4-Dichlorobenzene	ND		5.0	4.2	ug/L			10/24/20 08:55	5
2-Butanone (MEK)	ND		50	6.6	ug/L			10/24/20 08:55	5
2-Hexanone	ND		25	6.2	ug/L			10/24/20 08:55	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			10/24/20 08:55	5

Client Sample ID: MW-24- 102220
Lab Sample ID: 480-176998-14

Date Collected: 10/22/20 13:15
Matrix: Water
Date Received: 10/23/20 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		50	15	ug/L			10/24/20 08:55	5
Benzene	ND		5.0	2.1	ug/L			10/24/20 08:55	5
Bromodichloromethane	ND		5.0	2.0	ug/L			10/24/20 08:55	5
Bromoform	ND		5.0	1.3	ug/L			10/24/20 08:55	5
Bromomethane	ND		5.0	3.5	ug/L			10/24/20 08:55	5
Carbon disulfide	ND		5.0	0.95	ug/L			10/24/20 08:55	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			10/24/20 08:55	5
Chlorobenzene	ND		5.0	3.8	ug/L			10/24/20 08:55	5
Chloroethane	ND		5.0	1.6	ug/L			10/24/20 08:55	5
Chloroform	ND		5.0	1.7	ug/L			10/24/20 08:55	5
Chloromethane	ND		5.0	1.8	ug/L			10/24/20 08:55	5
cis-1,2-Dichloroethene	**59**		5.0	4.1	ug/L			10/24/20 08:55	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			10/24/20 08:55	5
Cyclohexane	ND		5.0	0.90	ug/L			10/24/20 08:55	5
Dibromochloromethane	ND		5.0	1.6	ug/L			10/24/20 08:55	5
Dichlorodifluoromethane	ND		5.0	3.4	ug/L			10/24/20 08:55	5
Ethylbenzene	ND		5.0	3.7	ug/L			10/24/20 08:55	5
Isopropylbenzene	ND		5.0	4.0	ug/L			10/24/20 08:55	5
Methyl acetate	ND		13	6.5	ug/L			10/24/20 08:55	5
Methyl tert-butyl ether	ND		5.0	0.80	ug/L			10/24/20 08:55	5
Methylcyclohexane	ND		5.0	0.80	ug/L			10/24/20 08:55	5
Methylene Chloride	ND		5.0	2.2	ug/L			10/24/20 08:55	5
Styrene	ND		5.0	3.7	ug/L			10/24/20 08:55	5
Tetrachloroethene	ND		5.0	1.8	ug/L			10/24/20 08:55	5
Toluene	ND		5.0	2.6	ug/L			10/24/20 08:55	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			10/24/20 08:55	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			10/24/20 08:55	5
Trichloroethene	**310**		5.0	2.3	ug/L			10/24/20 08:55	5
Trichlorofluoromethane	ND		5.0	4.4	ug/L			10/24/20 08:55	5
Vinyl chloride	ND		5.0	4.5	ug/L			10/24/20 08:55	5
Xylenes, Total	ND		10	3.3	ug/L			10/24/20 08:55	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*		*10/24/20 08:55*	*5*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*		*10/24/20 08:55*	*5*
Dibromofluoromethane (Surr)	*110*		*75 - 123*		*10/24/20 08:55*	*5*
Toluene-d8 (Surr)	*96*		*80 - 120*		*10/24/20 08:55*	*5*

Client Sample ID: MW-16- 102220
Lab Sample ID: 480-176998-15

Date Collected: 10/22/20 13:40
Matrix: Water
Date Received: 10/23/20 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/24/20 09:20	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/24/20 09:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/24/20 09:20	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/24/20 09:20	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/24/20 09:20	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/24/20 09:20	1

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

Job ID: 480-176998-1

Client Sample ID: MW-16- 102220
Date Collected: 10/22/20 13:40
Date Received: 10/23/20 08:00

Lab Sample ID: 480-176998-15
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		1.0	0.41	ug/L			10/24/20 09:20	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/24/20 09:20	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/24/20 09:20	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/24/20 09:20	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/24/20 09:20	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/24/20 09:20	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/24/20 09:20	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/24/20 09:20	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/24/20 09:20	1
2-Hexanone	ND		5.0	1.2	ug/L			10/24/20 09:20	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/24/20 09:20	1
Acetone	ND		10	3.0	ug/L			10/24/20 09:20	1
Benzene	ND		1.0	0.41	ug/L			10/24/20 09:20	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/24/20 09:20	1
Bromoform	ND		1.0	0.26	ug/L			10/24/20 09:20	1
Bromomethane	ND		1.0	0.69	ug/L			10/24/20 09:20	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/24/20 09:20	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/24/20 09:20	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/24/20 09:20	1
Chloroethane	ND		1.0	0.32	ug/L			10/24/20 09:20	1
Chloroform	ND		1.0	0.34	ug/L			10/24/20 09:20	1
Chloromethane	ND		1.0	0.35	ug/L			10/24/20 09:20	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/24/20 09:20	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/24/20 09:20	1
Cyclohexane	ND		1.0	0.18	ug/L			10/24/20 09:20	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/24/20 09:20	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/24/20 09:20	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/24/20 09:20	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/24/20 09:20	1
Methyl acetate	ND		2.5	1.3	ug/L			10/24/20 09:20	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/24/20 09:20	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/24/20 09:20	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/24/20 09:20	1
Styrene	ND		1.0	0.73	ug/L			10/24/20 09:20	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/24/20 09:20	1
Toluene	ND		1.0	0.51	ug/L			10/24/20 09:20	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/24/20 09:20	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/24/20 09:20	1
Trichloroethene	**1.3**		1.0	0.46	ug/L			10/24/20 09:20	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/24/20 09:20	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/24/20 09:20	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/24/20 09:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 120*		*10/24/20 09:20*	*1*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*		*10/24/20 09:20*	*1*
Dibromofluoromethane (Surr)	*112*		*75 - 123*		*10/24/20 09:20*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*10/24/20 09:20*	*1*

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

Job ID: 480-176998-1

Client Sample ID: MW-14- 102220
Date Collected: 10/22/20 14:20
Date Received: 10/23/20 08:00

Lab Sample ID: 480-176998-16
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			10/24/20 16:34	5
1,1,2,2-Tetrachloroethane	ND		5.0	1.1	ug/L			10/24/20 16:34	5
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.6	ug/L			10/24/20 16:34	5
1,1,2-Trichloroethane	ND		5.0	1.2	ug/L			10/24/20 16:34	5
1,1-Dichloroethane	ND		5.0	1.9	ug/L			10/24/20 16:34	5
1,1-Dichloroethene	ND		5.0	1.5	ug/L			10/24/20 16:34	5
1,2,4-Trichlorobenzene	ND		5.0	2.1	ug/L			10/24/20 16:34	5
1,2-Dibromo-3-Chloropropane	ND		5.0	2.0	ug/L			10/24/20 16:34	5
1,2-Dibromoethane	ND		5.0	3.7	ug/L			10/24/20 16:34	5
1,2-Dichlorobenzene	ND		5.0	4.0	ug/L			10/24/20 16:34	5
1,2-Dichloroethane	ND		5.0	1.1	ug/L			10/24/20 16:34	5
1,2-Dichloropropane	ND		5.0	3.6	ug/L			10/24/20 16:34	5
1,3-Dichlorobenzene	ND		5.0	3.9	ug/L			10/24/20 16:34	5
1,4-Dichlorobenzene	ND		5.0	4.2	ug/L			10/24/20 16:34	5
2-Butanone (MEK)	ND		50	6.6	ug/L			10/24/20 16:34	5
2-Hexanone	ND		25	6.2	ug/L			10/24/20 16:34	5
4-Methyl-2-pentanone (MIBK)	ND		25	11	ug/L			10/24/20 16:34	5
Acetone	ND		50	15	ug/L			10/24/20 16:34	5
Benzene	ND		5.0	2.1	ug/L			10/24/20 16:34	5
Bromodichloromethane	ND		5.0	2.0	ug/L			10/24/20 16:34	5
Bromoform	ND		5.0	1.3	ug/L			10/24/20 16:34	5
Bromomethane	ND		5.0	3.5	ug/L			10/24/20 16:34	5
Carbon disulfide	ND		5.0	0.95	ug/L			10/24/20 16:34	5
Carbon tetrachloride	ND		5.0	1.4	ug/L			10/24/20 16:34	5
Chlorobenzene	ND		5.0	3.8	ug/L			10/24/20 16:34	5
Chloroethane	ND		5.0	1.6	ug/L			10/24/20 16:34	5
Chloroform	ND		5.0	1.7	ug/L			10/24/20 16:34	5
Chloromethane	ND		5.0	1.8	ug/L			10/24/20 16:34	5
cis-1,2-Dichloroethene	ND		5.0	4.1	ug/L			10/24/20 16:34	5
cis-1,3-Dichloropropene	ND		5.0	1.8	ug/L			10/24/20 16:34	5
Cyclohexane	ND		5.0	0.90	ug/L			10/24/20 16:34	5
Dibromochloromethane	ND		5.0	1.6	ug/L			10/24/20 16:34	5
Dichlorodifluoromethane	ND		5.0	3.4	ug/L			10/24/20 16:34	5
Ethylbenzene	ND		5.0	3.7	ug/L			10/24/20 16:34	5
Isopropylbenzene	ND		5.0	4.0	ug/L			10/24/20 16:34	5
Methyl acetate	ND		13	6.5	ug/L			10/24/20 16:34	5
Methyl tert-butyl ether	ND		5.0	0.80	ug/L			10/24/20 16:34	5
Methylcyclohexane	ND		5.0	0.80	ug/L			10/24/20 16:34	5
Methylene Chloride	ND		5.0	2.2	ug/L			10/24/20 16:34	5
Styrene	ND		5.0	3.7	ug/L			10/24/20 16:34	5
Tetrachloroethene	ND		5.0	1.8	ug/L			10/24/20 16:34	5
Toluene	ND		5.0	2.6	ug/L			10/24/20 16:34	5
trans-1,2-Dichloroethene	ND		5.0	4.5	ug/L			10/24/20 16:34	5
trans-1,3-Dichloropropene	ND		5.0	1.9	ug/L			10/24/20 16:34	5
Trichloroethene	**160**		5.0	2.3	ug/L			10/24/20 16:34	5
Trichlorofluoromethane	ND		5.0	4.4	ug/L			10/24/20 16:34	5
Vinyl chloride	ND		5.0	4.5	ug/L			10/24/20 16:34	5
Xylenes, Total	ND		10	3.3	ug/L			10/24/20 16:34	5

Client Sample ID: MW-14- 102220

Lab Sample ID: 480-176998-16

Date Collected: 10/22/20 14:20

Matrix: Water

Date Received: 10/23/20 08:00

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*		*10/24/20 16:34*	*5*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*10/24/20 16:34*	*5*
Dibromofluoromethane (Surr)	*101*		*75 - 123*		*10/24/20 16:34*	*5*
Toluene-d8 (Surr)	*96*		*80 - 120*		*10/24/20 16:34*	*5*

Client Sample ID: MW-13- 102220

Lab Sample ID: 480-176998-17

Date Collected: 10/22/20 14:35

Matrix: Water

Date Received: 10/23/20 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4.0	3.3	ug/L			10/24/20 16:58	4
1,1,2,2-Tetrachloroethane	ND		4.0	0.84	ug/L			10/24/20 16:58	4
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.0	1.2	ug/L			10/24/20 16:58	4
1,1,2-Trichloroethane	ND		4.0	0.92	ug/L			10/24/20 16:58	4
1,1-Dichloroethane	ND		4.0	1.5	ug/L			10/24/20 16:58	4
1,1-Dichloroethene	ND		4.0	1.2	ug/L			10/24/20 16:58	4
1,2,4-Trichlorobenzene	ND		4.0	1.6	ug/L			10/24/20 16:58	4
1,2-Dibromo-3-Chloropropane	ND		4.0	1.6	ug/L			10/24/20 16:58	4
1,2-Dibromoethane	ND		4.0	2.9	ug/L			10/24/20 16:58	4
1,2-Dichlorobenzene	ND		4.0	3.2	ug/L			10/24/20 16:58	4
1,2-Dichloroethane	ND		4.0	0.84	ug/L			10/24/20 16:58	4
1,2-Dichloropropane	ND		4.0	2.9	ug/L			10/24/20 16:58	4
1,3-Dichlorobenzene	ND		4.0	3.1	ug/L			10/24/20 16:58	4
1,4-Dichlorobenzene	ND		4.0	3.4	ug/L			10/24/20 16:58	4
2-Butanone (MEK)	ND		40	5.3	ug/L			10/24/20 16:58	4
2-Hexanone	ND		20	5.0	ug/L			10/24/20 16:58	4
4-Methyl-2-pentanone (MIBK)	ND		20	8.4	ug/L			10/24/20 16:58	4
Acetone	ND		40	12	ug/L			10/24/20 16:58	4
Benzene	ND		4.0	1.6	ug/L			10/24/20 16:58	4
Bromodichloromethane	ND		4.0	1.6	ug/L			10/24/20 16:58	4
Bromoform	ND		4.0	1.0	ug/L			10/24/20 16:58	4
Bromomethane	ND		4.0	2.8	ug/L			10/24/20 16:58	4
Carbon disulfide	ND		4.0	0.76	ug/L			10/24/20 16:58	4
Carbon tetrachloride	ND		4.0	1.1	ug/L			10/24/20 16:58	4
Chlorobenzene	ND		4.0	3.0	ug/L			10/24/20 16:58	4
Chloroethane	ND		4.0	1.3	ug/L			10/24/20 16:58	4
Chloroform	ND		4.0	1.4	ug/L			10/24/20 16:58	4
Chloromethane	ND		4.0	1.4	ug/L			10/24/20 16:58	4
cis-1,2-Dichloroethene	ND		4.0	3.2	ug/L			10/24/20 16:58	4
cis-1,3-Dichloropropene	ND		4.0	1.4	ug/L			10/24/20 16:58	4
Cyclohexane	ND		4.0	0.72	ug/L			10/24/20 16:58	4
Dibromochloromethane	ND		4.0	1.3	ug/L			10/24/20 16:58	4
Dichlorodifluoromethane	ND		4.0	2.7	ug/L			10/24/20 16:58	4
Ethylbenzene	ND		4.0	3.0	ug/L			10/24/20 16:58	4
Isopropylbenzene	ND		4.0	3.2	ug/L			10/24/20 16:58	4
Methyl acetate	ND		10	5.2	ug/L			10/24/20 16:58	4
Methyl tert-butyl ether	ND		4.0	0.64	ug/L			10/24/20 16:58	4
Methylcyclohexane	ND		4.0	0.64	ug/L			10/24/20 16:58	4
Methylene Chloride	ND		4.0	1.8	ug/L			10/24/20 16:58	4

Client Sample ID: MW-13- 102220

Lab Sample ID: 480-176998-17

Date Collected: 10/22/20 14:35

Matrix: Water

Date Received: 10/23/20 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		4.0	2.9	ug/L			10/24/20 16:58	4
Tetrachloroethene	ND		4.0	1.4	ug/L			10/24/20 16:58	4
Toluene	ND		4.0	2.0	ug/L			10/24/20 16:58	4
trans-1,2-Dichloroethene	ND		4.0	3.6	ug/L			10/24/20 16:58	4
trans-1,3-Dichloropropene	ND		4.0	1.5	ug/L			10/24/20 16:58	4
Trichloroethene	**220**		4.0	1.8	ug/L			10/24/20 16:58	4
Trichlorofluoromethane	ND		4.0	3.5	ug/L			10/24/20 16:58	4
Vinyl chloride	ND		4.0	3.6	ug/L			10/24/20 16:58	4
Xylenes, Total	ND		8.0	2.6	ug/L			10/24/20 16:58	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*		*10/24/20 16:58*	*4*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*10/24/20 16:58*	*4*
Dibromofluoromethane (Surr)	*107*		*75 - 123*		*10/24/20 16:58*	*4*
Toluene-d8 (Surr)	*97*		*80 - 120*		*10/24/20 16:58*	*4*

Client Sample ID: QC TRIP BLANK

Lab Sample ID: 480-176998-18

Date Collected: 10/22/20 00:00

Matrix: Water

Date Received: 10/23/20 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/24/20 17:21	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/24/20 17:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/24/20 17:21	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/24/20 17:21	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/24/20 17:21	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/24/20 17:21	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/24/20 17:21	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/24/20 17:21	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/24/20 17:21	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/24/20 17:21	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/24/20 17:21	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/24/20 17:21	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/24/20 17:21	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/24/20 17:21	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/24/20 17:21	1
2-Hexanone	ND		5.0	1.2	ug/L			10/24/20 17:21	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/24/20 17:21	1
Acetone	ND		10	3.0	ug/L			10/24/20 17:21	1
Benzene	ND		1.0	0.41	ug/L			10/24/20 17:21	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/24/20 17:21	1
Bromoform	ND		1.0	0.26	ug/L			10/24/20 17:21	1
Bromomethane	ND		1.0	0.69	ug/L			10/24/20 17:21	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/24/20 17:21	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/24/20 17:21	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/24/20 17:21	1
Chloroethane	ND		1.0	0.32	ug/L			10/24/20 17:21	1
Chloroform	ND		1.0	0.34	ug/L			10/24/20 17:21	1
Chloromethane	ND		1.0	0.35	ug/L			10/24/20 17:21	1

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

Job ID: 480-176998-1

Client Sample ID: QC TRIP BLANK
Date Collected: 10/22/20 00:00
Date Received: 10/23/20 08:00

Lab Sample ID: 480-176998-18
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		1.0	0.81	ug/L			10/24/20 17:21	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/24/20 17:21	1
Cyclohexane	ND		1.0	0.18	ug/L			10/24/20 17:21	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/24/20 17:21	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/24/20 17:21	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/24/20 17:21	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/24/20 17:21	1
Methyl acetate	ND		2.5	1.3	ug/L			10/24/20 17:21	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/24/20 17:21	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/24/20 17:21	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/24/20 17:21	1
Styrene	ND		1.0	0.73	ug/L			10/24/20 17:21	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/24/20 17:21	1
Toluene	ND		1.0	0.51	ug/L			10/24/20 17:21	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/24/20 17:21	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/24/20 17:21	1
Trichloroethene	ND		1.0	0.46	ug/L			10/24/20 17:21	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/24/20 17:21	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/24/20 17:21	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/24/20 17:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*10/24/20 17:21*	*1*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*10/24/20 17:21*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 123*		*10/24/20 17:21*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*10/24/20 17:21*	*1*

Surrogate Summary

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

Job ID: 480-176998-1

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)
480-176998-1	PZ-1 102220	103	95	108	96
480-176998-2	MW-6- 102220	104	101	109	98
480-176998-3	MW-5- 102220	101	93	107	95
480-176998-4	MW-11- 102220	101	93	107	95
480-176998-5	MW-10- 102220	104	101	111	99
480-176998-6	MW-12- 102220	105	93	109	94
480-176998-7	MW-9- 102220	98	96	106	99
480-176998-8	PZ-2- 102220	106	95	110	96
480-176998-9	MW-17- 102220	102	97	107	97
480-176998-10	MW-15- 102220	107	100	110	98
480-176998-11	MW-18- 102220	104	97	109	98
480-176998-11 MS	MW-18- 102220	100	106	109	94
480-176998-11 MSD	MW-18- 102220	100	113	114	98
480-176998-12	MW-22- 102220	106	94	111	96
480-176998-13	MW-21- 102220	105	102	111	98
480-176998-14	MW-24- 102220	105	96	110	96
480-176998-15	MW-16- 102220	103	96	112	100
480-176998-16	MW-14- 102220	100	102	101	96
480-176998-17	MW-13- 102220	101	102	107	97
480-176998-18	QC TRIP BLANK	99	99	104	96
LCS 480-555499/6	Lab Control Sample	98	103	111	95
LCS 480-555531/5	Lab Control Sample	99	108	105	101
MB 480-555499/8	Method Blank	101	91	108	95
MB 480-555531/7	Method Blank	110	107	106	100

Surrogate Legend

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

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

Job ID: 480-176998-1

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

Lab Sample ID: MB 480-555499/8
Matrix: Water
Analysis Batch: 555499

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			10/24/20 03:07	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/24/20 03:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/24/20 03:07	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/24/20 03:07	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/24/20 03:07	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/24/20 03:07	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/24/20 03:07	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/24/20 03:07	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/24/20 03:07	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/24/20 03:07	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/24/20 03:07	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/24/20 03:07	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/24/20 03:07	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/24/20 03:07	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/24/20 03:07	1
2-Hexanone	ND		5.0	1.2	ug/L			10/24/20 03:07	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/24/20 03:07	1
Acetone	ND		10	3.0	ug/L			10/24/20 03:07	1
Benzene	ND		1.0	0.41	ug/L			10/24/20 03:07	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/24/20 03:07	1
Bromoform	ND		1.0	0.26	ug/L			10/24/20 03:07	1
Bromomethane	ND		1.0	0.69	ug/L			10/24/20 03:07	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/24/20 03:07	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/24/20 03:07	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/24/20 03:07	1
Chloroethane	ND		1.0	0.32	ug/L			10/24/20 03:07	1
Chloroform	ND		1.0	0.34	ug/L			10/24/20 03:07	1
Chloromethane	ND		1.0	0.35	ug/L			10/24/20 03:07	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/24/20 03:07	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/24/20 03:07	1
Cyclohexane	ND		1.0	0.18	ug/L			10/24/20 03:07	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/24/20 03:07	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/24/20 03:07	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/24/20 03:07	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/24/20 03:07	1
Methyl acetate	ND		2.5	1.3	ug/L			10/24/20 03:07	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/24/20 03:07	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/24/20 03:07	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/24/20 03:07	1
Styrene	ND		1.0	0.73	ug/L			10/24/20 03:07	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/24/20 03:07	1
Toluene	ND		1.0	0.51	ug/L			10/24/20 03:07	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/24/20 03:07	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/24/20 03:07	1
Trichloroethene	ND		1.0	0.46	ug/L			10/24/20 03:07	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/24/20 03:07	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/24/20 03:07	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/24/20 03:07	1

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

Lab Sample ID: MB 480-555499/8
Matrix: Water
Analysis Batch: 555499

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		10/24/20 03:07	1
4-Bromofluorobenzene (Surr)	91		73 - 120		10/24/20 03:07	1
Dibromofluoromethane (Surr)	108		75 - 123		10/24/20 03:07	1
Toluene-d8 (Surr)	95		80 - 120		10/24/20 03:07	1

Lab Sample ID: LCS 480-555499/6
Matrix: Water
Analysis Batch: 555499

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	23.0		ug/L		92	73 - 126
1,1,2,2-Tetrachloroethane	25.0	20.7		ug/L		83	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	19.6		ug/L		79	61 - 148
1,1,2-Trichloroethane	25.0	22.3		ug/L		89	76 - 122
1,1-Dichloroethane	25.0	21.8		ug/L		87	77 - 120
1,1-Dichloroethene	25.0	21.5		ug/L		86	66 - 127
1,2,4-Trichlorobenzene	25.0	22.9		ug/L		92	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	20.6		ug/L		82	56 - 134
1,2-Dibromoethane	25.0	23.2		ug/L		93	77 - 120
1,2-Dichlorobenzene	25.0	22.7		ug/L		91	80 - 124
1,2-Dichloroethane	25.0	23.1		ug/L		92	75 - 120
1,2-Dichloropropane	25.0	22.8		ug/L		91	76 - 120
1,3-Dichlorobenzene	25.0	21.9		ug/L		88	77 - 120
1,4-Dichlorobenzene	25.0	21.9		ug/L		88	80 - 120
2-Butanone (MEK)	125	123		ug/L		99	57 - 140
2-Hexanone	125	112		ug/L		90	65 - 127
4-Methyl-2-pentanone (MIBK)	125	110		ug/L		88	71 - 125
Acetone	125	119		ug/L		95	56 - 142
Benzene	25.0	22.9		ug/L		92	71 - 124
Bromodichloromethane	25.0	24.1		ug/L		96	80 - 122
Bromoform	25.0	24.0		ug/L		96	61 - 132
Bromomethane	25.0	17.3		ug/L		69	55 - 144
Carbon disulfide	25.0	19.3		ug/L		77	59 - 134
Carbon tetrachloride	25.0	24.0		ug/L		96	72 - 134
Chlorobenzene	25.0	22.4		ug/L		89	80 - 120
Chloroethane	25.0	20.2		ug/L		81	69 - 136
Chloroform	25.0	22.3		ug/L		89	73 - 127
Chloromethane	25.0	21.7		ug/L		87	68 - 124
cis-1,2-Dichloroethene	25.0	24.2		ug/L		97	74 - 124
cis-1,3-Dichloropropene	25.0	22.7		ug/L		91	74 - 124
Cyclohexane	25.0	18.6		ug/L		74	59 - 135
Dibromochloromethane	25.0	24.2		ug/L		97	75 - 125
Dichlorodifluoromethane	25.0	22.9		ug/L		91	59 - 135
Ethylbenzene	25.0	20.6		ug/L		82	77 - 123
Isopropylbenzene	25.0	20.0		ug/L		80	77 - 122
Methyl acetate	50.0	45.3		ug/L		91	74 - 133
Methyl tert-butyl ether	25.0	23.6		ug/L		94	77 - 120
Methylcyclohexane	25.0	19.7		ug/L		79	68 - 134

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

Lab Sample ID: LCS 480-555499/6
Matrix: Water
Analysis Batch: 555499

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	25.0	23.5		ug/L		94	75 - 124
Styrene	25.0	22.2		ug/L		89	80 - 120
Tetrachloroethene	25.0	22.7		ug/L		91	74 - 122
Toluene	25.0	21.1		ug/L		84	80 - 122
trans-1,2-Dichloroethene	25.0	23.0		ug/L		92	73 - 127
trans-1,3-Dichloropropene	25.0	20.6		ug/L		82	80 - 120
Trichloroethene	25.0	24.2		ug/L		97	74 - 123
Trichlorofluoromethane	25.0	23.1		ug/L		92	62 - 150
Vinyl chloride	25.0	20.8		ug/L		83	65 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*
Dibromofluoromethane (Surr)	*111*		*75 - 123*
Toluene-d8 (Surr)	*95*		*80 - 120*

Lab Sample ID: 480-176998-11 MS
Matrix: Water
Analysis Batch: 555499

Client Sample ID: MW-18- 102220
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	484		ug/L		97	73 - 126
1,1,2,2-Tetrachloroethane	ND		500	411		ug/L		82	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroetha ne	ND		500	459		ug/L		92	61 - 148
1,1,2-Trichloroethane	ND		500	441		ug/L		88	76 - 122
1,1-Dichloroethane	ND		500	446		ug/L		89	77 - 120
1,1-Dichloroethene	ND		500	465		ug/L		93	66 - 127
1,2,4-Trichlorobenzene	ND		500	442		ug/L		88	79 - 122
1,2-Dibromo-3-Chloropropane	ND		500	407		ug/L		81	56 - 134
1,2-Dibromoethane	ND		500	465		ug/L		93	77 - 120
1,2-Dichlorobenzene	ND		500	450		ug/L		90	80 - 124
1,2-Dichloroethane	ND		500	464		ug/L		93	75 - 120
1,2-Dichloropropane	ND		500	453		ug/L		91	76 - 120
1,3-Dichlorobenzene	ND		500	442		ug/L		88	77 - 120
1,4-Dichlorobenzene	ND		500	439		ug/L		88	78 - 124
2-Butanone (MEK)	ND		2500	2400		ug/L		96	57 - 140
2-Hexanone	ND		2500	2230		ug/L		89	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		2500	2190		ug/L		87	71 - 125
Acetone	ND		2500	2260		ug/L		90	56 - 142
Benzene	ND		500	473		ug/L		95	71 - 124
Bromodichloromethane	ND		500	478		ug/L		96	80 - 122
Bromoform	ND		500	486		ug/L		97	61 - 132
Bromomethane	ND		500	368		ug/L		74	55 - 144
Carbon disulfide	ND		500	411		ug/L		82	59 - 134
Carbon tetrachloride	ND		500	511		ug/L		102	72 - 134
Chlorobenzene	ND		500	457		ug/L		91	80 - 120
Chloroethane	ND		500	446		ug/L		89	69 - 136
Chloroform	ND		500	451		ug/L		90	73 - 127

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

Lab Sample ID: 480-176998-11 MS
Matrix: Water
Analysis Batch: 555499

Client Sample ID: MW-18- 102220
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloromethane	ND		500	465		ug/L		93	68 - 124
cis-1,2-Dichloroethene	470		500	919		ug/L		90	74 - 124
cis-1,3-Dichloropropene	ND		500	447		ug/L		89	74 - 124
Cyclohexane	ND		500	428		ug/L		86	59 - 135
Dibromochloromethane	ND		500	484		ug/L		97	75 - 125
Dichlorodifluoromethane	ND		500	503		ug/L		101	59 - 135
Ethylbenzene	ND		500	427		ug/L		85	77 - 123
Isopropylbenzene	ND		500	408		ug/L		82	77 - 122
Methyl acetate	ND		1000	876		ug/L		88	74 - 133
Methyl tert-butyl ether	ND		500	453		ug/L		91	77 - 120
Methylcyclohexane	ND		500	451		ug/L		90	68 - 134
Methylene Chloride	ND		500	464		ug/L		93	75 - 124
Styrene	ND		500	461		ug/L		92	80 - 120
Tetrachloroethene	ND		500	467		ug/L		93	74 - 122
Toluene	ND		500	442		ug/L		88	80 - 122
trans-1,2-Dichloroethene	ND		500	477		ug/L		95	73 - 127
trans-1,3-Dichloropropene	ND		500	404		ug/L		81	80 - 120
Trichloroethene	1200	F1	500	1530	F1	ug/L		61	74 - 123
Trichlorofluoromethane	ND		500	518		ug/L		104	62 - 150
Vinyl chloride	ND		500	460		ug/L		92	65 - 133

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*
Dibromofluoromethane (Surr)	*109*		*75 - 123*
Toluene-d8 (Surr)	*94*		*80 - 120*

Lab Sample ID: 480-176998-11 MSD
Matrix: Water
Analysis Batch: 555499

Client Sample ID: MW-18- 102220
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	492		ug/L		98	73 - 126	2	15
1,1,2,2-Tetrachloroethane	ND		500	451		ug/L		90	76 - 120	9	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		500	464		ug/L		93	61 - 148	1	20
1,1,2-Trichloroethane	ND		500	443		ug/L		89	76 - 122	0	15
1,1-Dichloroethane	ND		500	453		ug/L		91	77 - 120	2	20
1,1-Dichloroethene	ND		500	490		ug/L		98	66 - 127	5	16
1,2,4-Trichlorobenzene	ND		500	501		ug/L		100	79 - 122	12	20
1,2-Dibromo-3-Chloropropane	ND		500	451		ug/L		90	56 - 134	10	15
1,2-Dibromoethane	ND		500	476		ug/L		95	77 - 120	2	15
1,2-Dichlorobenzene	ND		500	489		ug/L		98	80 - 124	8	20
1,2-Dichloroethane	ND		500	459		ug/L		92	75 - 120	1	20
1,2-Dichloropropane	ND		500	466		ug/L		93	76 - 120	3	20
1,3-Dichlorobenzene	ND		500	477		ug/L		95	77 - 120	7	20
1,4-Dichlorobenzene	ND		500	474		ug/L		95	78 - 124	8	20
2-Butanone (MEK)	ND		2500	2500		ug/L		100	57 - 140	4	20
2-Hexanone	ND		2500	2260		ug/L		90	65 - 127	1	15

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

Lab Sample ID: 480-176998-11 MSD
Matrix: Water
Analysis Batch: 555499

Client Sample ID: MW-18- 102220
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	2210		ug/L		89	71 - 125	1	35
Acetone	ND		2500	2330		ug/L		93	56 - 142	3	15
Benzene	ND		500	478		ug/L		96	71 - 124	1	13
Bromodichloromethane	ND		500	487		ug/L		97	80 - 122	2	15
Bromoform	ND		500	507		ug/L		101	61 - 132	4	15
Bromomethane	ND		500	363		ug/L		73	55 - 144	2	15
Carbon disulfide	ND		500	428		ug/L		86	59 - 134	4	15
Carbon tetrachloride	ND		500	517		ug/L		103	72 - 134	1	15
Chlorobenzene	ND		500	461		ug/L		92	80 - 120	1	25
Chloroethane	ND		500	415		ug/L		83	69 - 136	7	15
Chloroform	ND		500	462		ug/L		92	73 - 127	2	20
Chloromethane	ND		500	459		ug/L		92	68 - 124	1	15
cis-1,2-Dichloroethene	470		500	935		ug/L		93	74 - 124	2	15
cis-1,3-Dichloropropene	ND		500	457		ug/L		91	74 - 124	2	15
Cyclohexane	ND		500	426		ug/L		85	59 - 135	0	20
Dibromochloromethane	ND		500	491		ug/L		98	75 - 125	1	15
Dichlorodifluoromethane	ND		500	542		ug/L		108	59 - 135	8	20
Ethylbenzene	ND		500	422		ug/L		84	77 - 123	1	15
Isopropylbenzene	ND		500	439		ug/L		88	77 - 122	7	20
Methyl acetate	ND		1000	956		ug/L		96	74 - 133	9	20
Methyl tert-butyl ether	ND		500	473		ug/L		95	77 - 120	4	37
Methylcyclohexane	ND		500	450		ug/L		90	68 - 134	0	20
Methylene Chloride	ND		500	486		ug/L		97	75 - 124	5	15
Styrene	ND		500	454		ug/L		91	80 - 120	1	20
Tetrachloroethene	ND		500	479		ug/L		96	74 - 122	3	20
Toluene	ND		500	438		ug/L		88	80 - 122	1	15
trans-1,2-Dichloroethene	ND		500	495		ug/L		99	73 - 127	4	20
trans-1,3-Dichloropropene	ND		500	412		ug/L		82	80 - 120	2	15
Trichloroethene	1200	F1	500	1550	F1	ug/L		65	74 - 123	1	16
Trichlorofluoromethane	ND		500	499		ug/L		100	62 - 150	4	20
Vinyl chloride	ND		500	443		ug/L		89	65 - 133	4	15

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*
4-Bromofluorobenzene (Surr)	*113*		*73 - 120*
Dibromofluoromethane (Surr)	*114*		*75 - 123*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: MB 480-555531/7
Matrix: Water
Analysis Batch: 555531

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			10/24/20 09:25	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/24/20 09:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/24/20 09:25	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/24/20 09:25	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/24/20 09:25	1

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

Lab Sample ID: MB 480-555531/7
Matrix: Water
Analysis Batch: 555531

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/24/20 09:25	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/24/20 09:25	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/24/20 09:25	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/24/20 09:25	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/24/20 09:25	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/24/20 09:25	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/24/20 09:25	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/24/20 09:25	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/24/20 09:25	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/24/20 09:25	1
2-Hexanone	ND		5.0	1.2	ug/L			10/24/20 09:25	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/24/20 09:25	1
Acetone	ND		10	3.0	ug/L			10/24/20 09:25	1
Benzene	ND		1.0	0.41	ug/L			10/24/20 09:25	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/24/20 09:25	1
Bromoform	ND		1.0	0.26	ug/L			10/24/20 09:25	1
Bromomethane	ND		1.0	0.69	ug/L			10/24/20 09:25	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/24/20 09:25	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/24/20 09:25	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/24/20 09:25	1
Chloroethane	ND		1.0	0.32	ug/L			10/24/20 09:25	1
Chloroform	ND		1.0	0.34	ug/L			10/24/20 09:25	1
Chloromethane	ND		1.0	0.35	ug/L			10/24/20 09:25	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/24/20 09:25	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/24/20 09:25	1
Cyclohexane	ND		1.0	0.18	ug/L			10/24/20 09:25	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/24/20 09:25	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/24/20 09:25	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/24/20 09:25	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/24/20 09:25	1
Methyl acetate	ND		2.5	1.3	ug/L			10/24/20 09:25	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/24/20 09:25	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/24/20 09:25	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/24/20 09:25	1
Styrene	ND		1.0	0.73	ug/L			10/24/20 09:25	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/24/20 09:25	1
Toluene	ND		1.0	0.51	ug/L			10/24/20 09:25	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/24/20 09:25	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/24/20 09:25	1
Trichloroethene	ND		1.0	0.46	ug/L			10/24/20 09:25	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/24/20 09:25	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/24/20 09:25	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/24/20 09:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*77 - 120*		*10/24/20 09:25*	*1*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*		*10/24/20 09:25*	*1*
Dibromofluoromethane (Surr)	*106*		*75 - 123*		*10/24/20 09:25*	*1*

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

Lab Sample ID: MB 480-555531/7
Matrix: Water
Analysis Batch: 555531

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	100		80 - 120		10/24/20 09:25	1

Lab Sample ID: LCS 480-555531/5
Matrix: Water
Analysis Batch: 555531

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	25.5		ug/L		102	73 - 126
1,1,2,2-Tetrachloroethane	25.0	23.8		ug/L		95	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	27.2		ug/L		109	61 - 148
1,1,2-Trichloroethane	25.0	27.4		ug/L		110	76 - 122
1,1-Dichloroethane	25.0	26.6		ug/L		106	77 - 120
1,1-Dichloroethene	25.0	27.2		ug/L		109	66 - 127
1,2,4-Trichlorobenzene	25.0	25.7		ug/L		103	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	25.6		ug/L		102	56 - 134
1,2-Dibromoethane	25.0	25.1		ug/L		100	77 - 120
1,2-Dichlorobenzene	25.0	25.3		ug/L		101	80 - 124
1,2-Dichloroethane	25.0	26.2		ug/L		105	75 - 120
1,2-Dichloropropane	25.0	27.0		ug/L		108	76 - 120
1,3-Dichlorobenzene	25.0	25.5		ug/L		102	77 - 120
1,4-Dichlorobenzene	25.0	25.1		ug/L		100	80 - 120
2-Butanone (MEK)	125	143		ug/L		115	57 - 140
2-Hexanone	125	135		ug/L		108	65 - 127
4-Methyl-2-pentanone (MIBK)	125	136		ug/L		109	71 - 125
Acetone	125	138		ug/L		111	56 - 142
Benzene	25.0	26.1		ug/L		104	71 - 124
Bromodichloromethane	25.0	25.6		ug/L		103	80 - 122
Bromoform	25.0	25.7		ug/L		103	61 - 132
Bromomethane	25.0	22.3		ug/L		89	55 - 144
Carbon disulfide	25.0	25.7		ug/L		103	59 - 134
Carbon tetrachloride	25.0	28.5		ug/L		114	72 - 134
Chlorobenzene	25.0	26.5		ug/L		106	80 - 120
Chloroethane	25.0	21.0		ug/L		84	69 - 136
Chloroform	25.0	25.5		ug/L		102	73 - 127
Chloromethane	25.0	24.0		ug/L		96	68 - 124
cis-1,2-Dichloroethene	25.0	24.9		ug/L		100	74 - 124
cis-1,3-Dichloropropene	25.0	25.6		ug/L		102	74 - 124
Cyclohexane	25.0	27.4		ug/L		110	59 - 135
Dibromochloromethane	25.0	26.2		ug/L		105	75 - 125
Dichlorodifluoromethane	25.0	24.2		ug/L		97	59 - 135
Ethylbenzene	25.0	26.3		ug/L		105	77 - 123
Isopropylbenzene	25.0	24.8		ug/L		99	77 - 122
Methyl acetate	50.0	56.1		ug/L		112	74 - 133
Methyl tert-butyl ether	25.0	26.7		ug/L		107	77 - 120
Methylcyclohexane	25.0	28.2		ug/L		113	68 - 134
Methylene Chloride	25.0	25.9		ug/L		104	75 - 124
Styrene	25.0	26.6		ug/L		106	80 - 120
Tetrachloroethene	25.0	26.7		ug/L		107	74 - 122

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

Lab Sample ID: LCS 480-555531/5
Matrix: Water
Analysis Batch: 555531

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	25.0	26.8		ug/L		107	80 - 122
trans-1,2-Dichloroethene	25.0	26.8		ug/L		107	73 - 127
trans-1,3-Dichloropropene	25.0	26.3		ug/L		105	80 - 120
Trichloroethene	25.0	26.2		ug/L		105	74 - 123
Trichlorofluoromethane	25.0	26.1		ug/L		104	62 - 150
Vinyl chloride	25.0	23.7		ug/L		95	65 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*
4-Bromofluorobenzene (Surr)	*108*		*73 - 120*
Dibromofluoromethane (Surr)	*105*		*75 - 123*
Toluene-d8 (Surr)	*101*		*80 - 120*

GC/MS VOA

Analysis Batch: 555499

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-176998-1	PZ-1 102220	Total/NA	Water	8260C	
480-176998-2	MW-6- 102220	Total/NA	Water	8260C	
480-176998-3	MW-5- 102220	Total/NA	Water	8260C	
480-176998-4	MW-11- 102220	Total/NA	Water	8260C	
480-176998-5	MW-10- 102220	Total/NA	Water	8260C	
480-176998-6	MW-12- 102220	Total/NA	Water	8260C	
480-176998-7	MW-9- 102220	Total/NA	Water	8260C	
480-176998-8	PZ-2- 102220	Total/NA	Water	8260C	
480-176998-9	MW-17- 102220	Total/NA	Water	8260C	
480-176998-10	MW-15- 102220	Total/NA	Water	8260C	
480-176998-11	MW-18- 102220	Total/NA	Water	8260C	
480-176998-12	MW-22- 102220	Total/NA	Water	8260C	
480-176998-13	MW-21- 102220	Total/NA	Water	8260C	
480-176998-14	MW-24- 102220	Total/NA	Water	8260C	
480-176998-15	MW-16- 102220	Total/NA	Water	8260C	
MB 480-555499/8	Method Blank	Total/NA	Water	8260C	
LCS 480-555499/6	Lab Control Sample	Total/NA	Water	8260C	
480-176998-11 MS	MW-18- 102220	Total/NA	Water	8260C	
480-176998-11 MSD	MW-18- 102220	Total/NA	Water	8260C	

Analysis Batch: 555531

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-176998-16	MW-14- 102220	Total/NA	Water	8260C	
480-176998-17	MW-13- 102220	Total/NA	Water	8260C	
480-176998-18	QC TRIP BLANK	Total/NA	Water	8260C	
MB 480-555531/7	Method Blank	Total/NA	Water	8260C	
LCS 480-555531/5	Lab Control Sample	Total/NA	Water	8260C	

Lab Chronicle

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

Job ID: 480-176998-1

Client Sample ID: PZ-1 102220
Lab Sample ID: 480-176998-1
Date Collected: 10/22/20 07:45
Matrix: Water
Date Received: 10/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	555499	10/24/20 03:32	CRL	TAL BUF

Client Sample ID: MW-6- 102220
Lab Sample ID: 480-176998-2
Date Collected: 10/22/20 08:10
Matrix: Water
Date Received: 10/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	555499	10/24/20 03:57	CRL	TAL BUF

Client Sample ID: MW-5- 102220
Lab Sample ID: 480-176998-3
Date Collected: 10/22/20 08:40
Matrix: Water
Date Received: 10/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	555499	10/24/20 04:22	CRL	TAL BUF

Client Sample ID: MW-11- 102220
Lab Sample ID: 480-176998-4
Date Collected: 10/22/20 09:00
Matrix: Water
Date Received: 10/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		8	555499	10/24/20 04:47	CRL	TAL BUF

Client Sample ID: MW-10- 102220
Lab Sample ID: 480-176998-5
Date Collected: 10/22/20 09:30
Matrix: Water
Date Received: 10/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	555499	10/24/20 05:11	CRL	TAL BUF

Client Sample ID: MW-12- 102220
Lab Sample ID: 480-176998-6
Date Collected: 10/22/20 09:50
Matrix: Water
Date Received: 10/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	555499	10/24/20 05:36	CRL	TAL BUF

Client Sample ID: MW-9- 102220
Lab Sample ID: 480-176998-7
Date Collected: 10/22/20 10:15
Matrix: Water
Date Received: 10/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	555499	10/24/20 06:01	CRL	TAL BUF

Lab Chronicle

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

Job ID: 480-176998-1

Client Sample ID: PZ-2- 102220
Lab Sample ID: 480-176998-8
Date Collected: 10/22/20 10:45
Matrix: Water
Date Received: 10/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	555499	10/24/20 06:26	CRL	TAL BUF

Client Sample ID: MW-17- 102220
Lab Sample ID: 480-176998-9
Date Collected: 10/22/20 11:05
Matrix: Water
Date Received: 10/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	555499	10/24/20 06:51	CRL	TAL BUF

Client Sample ID: MW-15- 102220
Lab Sample ID: 480-176998-10
Date Collected: 10/22/20 11:35
Matrix: Water
Date Received: 10/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	555499	10/24/20 07:15	CRL	TAL BUF

Client Sample ID: MW-18- 102220
Lab Sample ID: 480-176998-11
Date Collected: 10/22/20 12:15
Matrix: Water
Date Received: 10/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		20	555499	10/24/20 07:40	CRL	TAL BUF

Client Sample ID: MW-22- 102220
Lab Sample ID: 480-176998-12
Date Collected: 10/22/20 12:35
Matrix: Water
Date Received: 10/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	555499	10/24/20 08:05	CRL	TAL BUF

Client Sample ID: MW-21- 102220
Lab Sample ID: 480-176998-13
Date Collected: 10/22/20 12:50
Matrix: Water
Date Received: 10/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	555499	10/24/20 08:29	CRL	TAL BUF

Client Sample ID: MW-24- 102220
Lab Sample ID: 480-176998-14
Date Collected: 10/22/20 13:15
Matrix: Water
Date Received: 10/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	555499	10/24/20 08:55	CRL	TAL BUF

Lab Chronicle

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

Job ID: 480-176998-1

Client Sample ID: MW-16- 102220

Lab Sample ID: 480-176998-15

Date Collected: 10/22/20 13:40
Matrix: Water
Date Received: 10/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	555499	10/24/20 09:20	CRL	TAL BUF

Client Sample ID: MW-14- 102220

Lab Sample ID: 480-176998-16

Date Collected: 10/22/20 14:20
Matrix: Water
Date Received: 10/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	555531	10/24/20 16:34	AMM	TAL BUF

Client Sample ID: MW-13- 102220

Lab Sample ID: 480-176998-17

Date Collected: 10/22/20 14:35
Matrix: Water
Date Received: 10/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		4	555531	10/24/20 16:58	AMM	TAL BUF

Client Sample ID: QC TRIP BLANK

Lab Sample ID: 480-176998-18

Date Collected: 10/22/20 00:00
Matrix: Water
Date Received: 10/23/20 08:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	555531	10/24/20 17:21	AMM	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: 480-176998-1
Project/Site: Former Accurate Die Cast

Laboratory: Eurofins TestAmerica, Buffalo

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-01-21

Method Summary

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

Job ID: 480-176998-1

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: 480-176998-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-176998-1	PZ-1 102220	Water	10/22/20 07:45	10/23/20 08:00	
480-176998-2	MW-6- 102220	Water	10/22/20 08:10	10/23/20 08:00	
480-176998-3	MW-5- 102220	Water	10/22/20 08:40	10/23/20 08:00	
480-176998-4	MW-11- 102220	Water	10/22/20 09:00	10/23/20 08:00	
480-176998-5	MW-10- 102220	Water	10/22/20 09:30	10/23/20 08:00	
480-176998-6	MW-12- 102220	Water	10/22/20 09:50	10/23/20 08:00	
480-176998-7	MW-9- 102220	Water	10/22/20 10:15	10/23/20 08:00	
480-176998-8	PZ-2- 102220	Water	10/22/20 10:45	10/23/20 08:00	
480-176998-9	MW-17- 102220	Water	10/22/20 11:05	10/23/20 08:00	
480-176998-10	MW-15- 102220	Water	10/22/20 11:35	10/23/20 08:00	
480-176998-11	MW-18- 102220	Water	10/22/20 12:15	10/23/20 08:00	
480-176998-12	MW-22- 102220	Water	10/22/20 12:35	10/23/20 08:00	
480-176998-13	MW-21- 102220	Water	10/22/20 12:50	10/23/20 08:00	
480-176998-14	MW-24- 102220	Water	10/22/20 13:15	10/23/20 08:00	
480-176998-15	MW-16- 102220	Water	10/22/20 13:40	10/23/20 08:00	
480-176998-16	MW-14- 102220	Water	10/22/20 14:20	10/23/20 08:00	
480-176998-17	MW-13- 102220	Water	10/22/20 14:35	10/23/20 08:00	
480-176998-18	QC TRIP BLANK	Water	10/22/20 00:00	10/23/20 08:00	

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

Chain of Custody Record

Syracuse #225

eurofins | Environment Testing America

Client Information	Sampler: MARTIN Koennecke	Lab PM: Giacomazza, Joe V	Carrier Tracking No(s):	COC No: 480-145341-10564.1
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: joe.giacomazza@testamericainc.com		Page: Page 1 of 2
Company: O'Brien & Gere Inc of North America				Job #:

Address: 333 West Washington St. PO BOX 4873	Due Date Requested:	Analysis Requested
City: East Syracuse	TAT Requested (days): Standard	
State, Zip: NY, 13221		
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 12000090	
Email: yuri.veliz@ramboll.com	WO #:	
Project Name: Former Accurate Die Cast	Project #: 48008584	
Site: New York	SSOW#:	

480-176998 Chain of Custody

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, 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)	8260C - TCL Volatiles	Total Number of	Special Instructions/Note:
			Preservation Code:		X	X	A	X	
PZ-1 102220	10-22-20	7:45	G	Water			3		
MW-6 102220	10-22-20	8:10	G	Water			3		
MW-5 102220	10-22-20	8:40	G	Water			3		
MW-11 102220	10-22-20	9:00	G	Water			3		
MW-10 102220	10-22-20	9:30	G	Water			3		
MW-12 102220	10-22-20	9:50	G	Water			3		
MW-9 102220	10-22-20	10:15	G	Water			3		
PZ-2 102220	10-22-20	10:45	G	Water			3		
MW-17 102220	10-22-20	11:05	G	Water			3		
MW-15 102220	10-22-20	11:35	G	Water			3		
MW-18 102220	10-22-20	12:15	G	Water			3		

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: 10-22-20 15:40	Company: OBG	Received by:	Date/Time: 10/22/20 1548	Company: ES-SYR
Relinquished by:	Date/Time: 10/22/20 1900	Company: ES-SYR	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by: WJ	Date/Time: 10/23/20 700	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 9.5 #1

Ver: 01/16/2019

10/26/2020

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

Chain of Custody Record

Syracuse #225

eurofins | Environment Testing America

Client Information	Sampler: Martin Koenecke	Lab PM: Giacomazza, Joe V	Carrier Tracking No(s):	COC No: 480-145341-10564.2
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: joe.giacomazza@testamericainc.com		Page: Page 2 of 2
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): Standard			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				
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 12000090			
Email: yuri.veliz@ramboll.com	WO #:			Other:
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)	8260C - TCL Volatiles	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A		
MW-22 102220	10-22-20	12:35	G	Water			3		
MW-21 102220	10-22-20	12:50	G	Water			3		
MW-24 102220	10-22-20	13:15	G	Water			3		
MW-16 102220	10-22-20	13:40	G	Water			3		
MW-14 102220	10-22-20	14:20	G	Water			3		
MW-13 102220	10-22-20	14:35	G	Water			3		
QC Trip Blank				W			1		
10/22/20 AP									

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	10-22-20 15:40	OBG		10/22/20 1540	ES-SYR
	10/22/20 1900	ES-SYR			

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

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-176998-1

Login Number: 176998

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	