February 17, 2014

Mr. John C. Grathwol, P.E.
Remedial Bureau B - Div of Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway
Albany, NY 12233-7016

RE: Former Accurate Die Casting Site
Fayetteville, New York

FILE: 3902.45845 Corres

Dear Mr. Grathwol:

This letter presents the status of groundwater treatment plant operations for the former Accurate Die Casting site in Fayetteville, New York for the fourth quarter of 2013 (October 1 through December 30). 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.

OPERATION STATUS & ACTIVITIES COMPLETED

As of December 30, 2013, a total of 101,951,630 gallons of groundwater has been treated since startup on February 5, 1996. Since October 1st, 867,730 gallons of groundwater have been treated: 230,370 gallons from recovery well RW-1, 637,070 gallons from recovery well RW-2, 160 gallons from the sump located outside the northeast corner of the building, and 130 gallons from the collection trench constructed in the former VOC/PAH/PCB Soils Area.

O'Brien & Gere performed the sampling activities associated with the SPDES Fact Sheet (#734052). The analytical results associated with the SPDES Fact Sheet monitoring activities performed during October, November and December 2013 are summarized in Table 1. The effluent during the period complied with the SPDES discharge limits. The laboratory analytical data sheets are provided as Attachment A.

O'Brien & Gere conducted the annual round of groundwater monitoring on October 1, 2013. During the event, groundwater samples were collected from monitoring wells MW-5, MW-6, MW-9, MW-10, MW-11, MW-12, MW-13, MW-14, MW-15B, MW-16B, MW-17, MW-18, MW-21, MW-22, MW-24, PZ-1 and PZ-2. Groundwater levels measured are presented on Table 2. The laboratory results are summarized in Tables 3 and 4, and the data sheets are provided as Attachment B.

ACTIVITIES SCHEDULED

Continue operation of the groundwater recovery and treatment system including SPDES monitoring.

If you have any questions regarding this report, please do not hesitate to call me at (315) 956-6100.

Very truly yours,

O'BRIEN & GERE ENGINEERS, INC.

Alfred R. Farrell, P.E.
Project Manager

cc: T. Slutzky – The Anderson Company
T. Olmsted – ITT Corporation
L. Hall – ITT Corporation
M. Distler – O'Brien & Gere
J. Sutphen – O'Brien & Gere, Office of General Counsel

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

Analyte (units)	Monitoring Requirements				Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent
	Discharge Limitation Daily Average	Discharge Limitation Daily Maximum	Minimum Measurement Frequency (1)	Sample Type	10/1/2013	10/3/2013	10/5/2013	10/10/2013	10/14/2013	10/15/2013	10/17/2013	10/21/2013	10/24/2013
Flow (GPD)	Monitor	150000	Continuous	Meter	10430	10155	10136	10146	10230	10090	10160	10155	10114
pH (SU)	6.5-8.5		2/Week	Grab	8.12	8.1	8.1	8.07	8.1	8.08	8.06	8.08	8.1
Residue, non-filterable (mg/L)	Monitor	20	Weekly	3-hr comp.	---	5 U	---	5 U	5 U	---	---	9.5	---
Total dissolved solids (TDS) (mg/L)	Monitor	Monitor	Weekly	3-hr comp.	---	630	---	640	670	---	---	770	---
Mercury, total (mg/L)	Monitor	0.0008	Quarterly	3-hr comp.	---	---	---	0.002 U	---	---	---	---	---
Zinc, total (mg/L)	Monitor	0.3	Quarterly	3-hr comp.	---	---	---	0.02 U	---	---	---	---	---
cis-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab	---	---	---	0.5 U	---	---	---	0.5 U	---
trans-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab	---	---	---	0.5 U	---	---	---	0.5 U	---
Methylene chloride (ug/L)	Monitor	20	2/Month	Grab	---	---	---	2 U	---	---	---	2 U	---
1,1,2,2-Tetrachloroethane (ug/L)	Monitor	10	2/Month	Grab	---	---	---	0.5 U	---	---	---	0.5 U	---
Tetrachloroethene (ug/L)	Monitor	10	2/Month	Grab	---	---	---	0.5 U	---	---	---	0.5 U	---
Toluene (ug/L)	Monitor	20	2/Month	Grab	---	---	---	0.5 U	---	---	---	0.5 U	---
Trichloroethene (ug/L)	Monitor	10	2/Month	Grab	---	---	---	0.5 U	---	---	---	0.5 U	---

Notes:
- Not analyzed, NA - Data Not available
U - Not Detected, J - Estimated
(1) Minimum monitoring requirements based on SPEDES permit modified November, 21, 1997.

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

Analyte (units)	Monitoring Requirements				Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent
	Discharge Limitation Daily Average	Discharge Limitation Daily Maximum	Minimum Measurement Frequency (1)	Sample Type	10/28/2013	10/29/2013	10/31/2013	11/4/2013	11/7/2013	11/11/2013	11/13/2013	11/18/2013	11/21/2013
Flow (GPD)	Monitor	150000	Continuous	Meter	9870	9730	9640	9508	9480	9386	9285	9300	9063
pH (SU)	6.5-8.5		2/Week	Grab	8.07	8.06	8.06	8.11	8.11	8.08	8.12	8.08	8.1
Residue, non-filterable (mg/L)	Monitor	20	Weekly	3-hr comp.	5 U	---	---	---	4 U	---	4 U	4 U	---
Total dissolved solids (TDS) (mg/L)	Monitor	Monitor	Weekly	3-hr comp.	700	---		---	711	---	687	703	---
Mercury, total (mg/L)	Monitor	0.0008	Quarterly	3-hr comp.	---	---	---	---	---	---	---	---	---
Zinc, total (mg/L)	Monitor	0.3	Quarterly	3-hr comp.	---	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab	---	---	---	---	1 U	---	---	1 U	---
trans-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab	---	---	---	---	1 U	---	---	1 U	---
Methylene chloride (ug/L)	Monitor	20	2/Month	Grab	---	---	---	---	1 U	---	---	1 U	---
1,1,2,2-Tetrachloroethane (ug/L)	Monitor	10	2/Month	Grab	---	---	---	---	1 U	---	---	1 U	---
Tetrachloroethene (ug/L)	Monitor	10	2/Month	Grab	---	---	---	---	1 U	---	---	1 U	---
Toluene (ug/L)	Monitor	20	2/Month	Grab	---	---	---	---	1 U	---	---	1 U	---
Trichloroethene (ug/L)	Monitor	10	2/Month	Grab	---	---	---	---	1 U	---	---	1 U	---

Notes:
- Not analyzed, NA - Data Not available
U - Not Detected, J - Estimated
(1) Minimum monitoring requirements based on SPEDES permit modified November, 21, 1997.

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

Analyte (units)	Monitoring Requirements				Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent
	Discharge Limitation Daily Average	Discharge Limitation Daily Maximum	Minimum Measurement Frequency (1)	Sample Type	11/25/2013	11/26/2013	11/27/2013	12/2/2013	12/3/2013	12/5/2013	12/9/2013	12/10/2013	12/11/2013
Flow (GPD)	Monitor	150000	Continuous	Meter	8955	8899	8780	9225	9312	9539	9475	9539	9564
pH (SU)	6.5-8.5		2/Week	Grab	8.02	8.08	8.1	8.02	8.09	8.1	8.11	8.11	8.08
Residue, non-filterable (mg/L)	Monitor	20	Weekly	3-hr comp.	---	4 U	---	---	---	---	4 U	---	---
Total dissolved solids (TDS) (mg/L)	Monitor	Monitor	Weekly	3-hr comp.	---	679	---	---	---	---	701	---	---
Mercury, total (mg/L)	Monitor	0.0008	Quarterly	3-hr comp.	---	---	---	---	---	---	---	---	---
Zinc, total (mg/L)	Monitor	0.3	Quarterly	3-hr comp.	---	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab	---	---	---	---	1 U	---	---	---	---
trans-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab	---	---	---	---	1 U	---	---	---	---
Methylene chloride (ug/L)	Monitor	20	2/Month	Grab	---	---	---	---	1 U	---	---	---	---
1,1,2,2-Tetrachloroethane (ug/L)	Monitor	10	2/Month	Grab	---	---	---	---	1 U	---	---	---	---
Tetrachloroethene (ug/L)	Monitor	10	2/Month	Grab	---	---	---	---	1 U	---	---	---	---
Toluene (ug/L)	Monitor	20	2/Month	Grab	---	---	---	---	1 U	---	---	---	---
Trichloroethene (ug/L)	Monitor	10	2/Month	Grab	---	---	---	---	1 U	---	---	---	---

Notes:
- Not analyzed, NA - Data Not available
U - Not Detected, J - Estimated
(1) Minimum monitoring requirements based on SPEDES permit modified November, 21, 1997.

Table 1
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 12/13/2013	Effluent 12/16/2013	Effluent 12/20/2013	Effluent 12/23/2013	Effluent 12/24/2013	Effluent 12/30/2013
Flow (GPD)	Monitor	150000	Continuous	Meter	9517	9570	9439	9505	9734	10023
pH (SU)	6.5-8.5		2/Week	Grab	8.1	8.08	8.18	8.1	8.1	8.12
Residue, non-filterable (mg/L)	Monitor	20	Weekly	3-hr comp.	---	---	4 U	4 U	---	---
Total dissolved solids (TDS) (mg/L)	Monitor	Monitor	Weekly	3-hr comp.	---	---	677	677	---	---
Mercury, total (mg/L)	Monitor	0.0008	Quarterly	3-hr comp.	---	---	---	---	---	---
Zinc, total (mg/L)	Monitor	0.3	Quarterly	3-hr comp.	---	---	---	---	---	---
cis-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab	---	---	1 U	---	---	---
trans-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab	---	---	1 U	---	---	---
Methylene chloride (ug/L)	Monitor	20	2/Month	Grab	---	---	1 U	---	---	---
1,1,2,2-Tetrachloroethane (ug/L)	Monitor	10	2/Month	Grab	---	---	1 U	---	---	---
Tetrachloroethene (ug/L)	Monitor	10	2/Month	Grab	---	---	1 U	---	---	---
Toluene (ug/L)	Monitor	20	2/Month	Grab	---	---	1 U	---	---	---
Trichloroethene (ug/L)	Monitor	10	2/Month	Grab	---	---	1 U	---	---	---

Notes:
- Not analyzed, NA - Data Not available
U - Not Detected, J - Estimated
(1) Minimum monitoring requirements based on SPEDES permit modified November, 21, 1997.

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

Well ID	Ground Elevation (ft)	Well Casing Elevation (ft)	Screen Interval Elevation (ft)	Ground Water Elevation (ft) 5/28/1992	Ground Water Elevation (ft) 6/26/1992	Ground Water Elevation (ft) 8/7/1992	Ground Water Elevation (ft) 9/26/1994	Ground Water Elevation (ft) 9/27/1994	Ground Water Elevation (ft) 10/18/1994	Ground Water Elevation (ft) 11/2/1994	Ground Water Elevation (ft) 11/17/1994
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
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
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
MW-14	98.76	100.62	74.6 - 84.6	75.11	79.07	81.54	---	---	86.18	80.12	80.54
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	.4 - 39.4, 45.4 - 5	---	---	---	56.88	56.89	58.22	---	---
RW-02 (B)	91.58	95.18	-	---	---	---	---	---	---	---	---
SUMP		97.93	-	---	---	---	---	---	---	76.04	74.83

Notes: NI-Well not installed at time of monitoring, NA-Data not available, AB-Well was abandoned, --- Water level not monitored, (B)-Bedrock ground water monitoring well,
* - Measurement relative to top of well casing. Elevations based on assumed datum. MW-01 through MW-16 installed during Remedial Investigation (Stearns & Wheler).
MW-03 was removed as part of the TCE Soils Interim Remedial Measure (IRM) completed in September 1994. System shutdown 02/15/96; System restored 02/20/96.
System start-up 02/06/96; MW-13 casing elev. changed 06/06/96. MW-04 and MW-20 were abandoned and replaced by MW-21 and MW-22 on 01/20/97.

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

Well ID	Ground Water Elevation (ft) 11/30/1994	Ground Water Elevation (ft) 12/15/1994	Ground Water Elevation (ft) 12/27/1994	Ground Water Elevation (ft) 1/13/1995	Ground Water Elevation (ft) 1/25/1995	Ground Water Elevation (ft) 2/9/1995	Ground Water Elevation (ft) 2/23/1995	Ground Water Elevation (ft) 3/9/1995	Ground Water Elevation (ft) 4/26/1995	Ground Water Elevation (ft) 7/25/1995	Ground Water Elevation (ft) 10/17/1995
MW-01	---	---	---	---	---	---	---	---	DRY	DRY	DRY
MW-02	---	---	---	---	---	---	---	---	83.28	82.42	84.22
MW-03	---	---	---	---	---	---	---	---	---	---	---
MW-04	---	---	---	---	---	---	---	---	51.44	45.94	---
MW-05	---	---	---	---	---	---	---	---	60.34	58.78	---
MW-06	---	---	---	---	---	---	---	---	---	58.52	58.1
MW-07 (B)	---	---	---	---	---	---	---	---	54.51	53.27	52.71
MW-08	---	---	---	---	---	---	---	---	63.41	59.82	60.76
MW-09	---	---	---	---	---	---	---	---	60.1	58.56	58.16
MW-10 (B)	54.94	55.19	55.02	54.94	54.95	54.52	54.36	55.02	57.49	54.6	54.61
MW-11 (B)	55.59	56.63	56.55	55.63	55.63	56.13	55.63	56.55	58.86	55.72	55.31
MW-12	---	---	---	---	---	---	---	---	60.3	58.76	58.35
MW-13	78.21	80.92	78.34	78.25	77.83	77.84	77.75	77.67	DRY	DRY	DRY
MW-14	80.54	80.2	80.54	80.62	80.45	78.95	79.54	80.12	80.61	80.61	80.72
MW-15 (B)	---	---	---	---	---	---	---	---	54.71	51.6	50.47
MW-16 (B)	---	---	---	---	---	---	---	---	63.86	59.41	58.06
MW-17	---	---	---	---	---	---	---	---	59.02	57.71	DRY
MW-18	---	---	---	---	---	---	---	---	---	---	---
MW-19	---	---	---	---	---	---	---	---	---	---	---
MW-20	---	---	---	---	---	---	---	---	---	---	---
MW-21	---	---	---	---	---	---	---	---	---	---	---
MW-22	---	---	---	---	---	---	---	---	---	---	---
MW-23 (B)	---	---	---	---	---	---	---	---	---	---	---
MW-24*	---	---	---	---	---	---	---	---	---	---	---
PZ-01	---	---	---	---	---	---	---	---	---	58.58	58.16
PZ-02	---	---	---	---	---	---	---	---	59.88	58.37	57.97
RW-01	---	---	---	---	---	---	---	---	59.14	57.6	57.11
RW-02 (B)	---	---	---	---	---	---	---	---	---	---	56.05
SUMP	75	75.17	74.83	75	75	74.88	75	78	75.09	75.25	76.94

Notes: NI-Well not installed at time of monitoring, NA-Data not available, AB-Well was abandoned, --- Water level not monitored, (B)-Bedrock ground water monitoring well,
* - Measurement relative to top of well casing. Elevations based on assumed datum. MW-01 through MW-16 installed during Remedial Investigation (Stearns & Wheler).
MW-03 was removed as part of the TCE Soils Interim Remedial Measure (IRM) completed in September 1994. System shutdown 02/15/96; System restored 02/20/96.
System start-up 02/06/96; MW-13 casing elev. changed 06/06/96. MW-04 and MW-20 were abandoned and replaced by MW-21 and MW-22 on 01/20/97.

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

Well ID	Ground Water Elevation (ft) 2/5/1996	Ground Water Elevation (ft) 2/7/1996	Ground Water Elevation (ft) 2/15/1996	Ground Water Elevation (ft) 2/16/1996	Ground Water Elevation (ft) 2/20/1996	Ground Water Elevation (ft) 2/22/1996	Ground Water Elevation (ft) 2/29/1996	Ground Water Elevation (ft) 3/7/1996	Ground Water Elevation (ft) 3/21/1996	Ground Water Elevation (ft) 4/4/1996	Ground Water Elevation (ft) 4/10/1996
MW-01	77.06	76.64	75.3	DRY	DRY	DRY	75.36	75.17	77.34	DRY	DRY
MW-02	84.04	83.87	83.41	83.34	83.15	83.32	83.67	83.5	84.24	83.68	83.68
MW-03	---	---	---	---	---	---	---	---	---	---	---
MW-04	53.6	52.06	55.39	54.43	52.46	60.37	58.14	55.1	59.26	52.66	54.43
MW-05	61.26	---	60.8	60.73	60.5	60.4	60.14	59.73	58.85	58.32	58.14
MW-06	60.86	60.44	60.41	60.11	59.8	59.75	59.45	58.96	58.02	57.48	57.28
MW-07 (B)	55.16	54.67	55.03	54.52	54.45	54.58	54.46	54.32	54.29	54.17	54.15
MW-08	66.61	66.4	65.93	65.84	65.47	65.42	65.12	64.68	64.76	64.1	63.83
MW-09	60.95	60.7	60.48	60.35	---	---	59.71	59.22	58.3	57.78	57.59
MW-10 (B)	62	59.88	62.11	60.42	59.96	59.91	59.64	59.43	59.07	58.81	58.72
MW-11 (B)	62.63	60.37	62.67	60.88	60.35	60.29	59.99	59.78	59.38	59.1	59.01
MW-12	61.11	60.83	60.65	60.5	60.21	60.16	59.86	59.37	58.44	57.93	57.74
MW-13	---	79.98	79.91	79.9	79.88	79.87	79.86	79.77	79.68	79.6	79.57
MW-14	79.91	---	80.28	80.29	80.35	80.38	80.44	80.45	80.49	80.52	80.55
MW-15 (B)	59.24	59.37	59.79	59.63	59.56	59.56	59.46	59.4	59.14	59.07	59.04
MW-16 (B)	67.14	67.17	66.9	66.79	66.57	66.52	66.39	66.17	65.99	65.99	65.9
MW-17	60.29	60.17	59.75	59.7	59.52	59.64	59.42	59.28	59.3	59.27	59.14
MW-18	---	---	---	---	---	---	---	---	---	---	---
MW-19	---	---	---	---	---	---	---	---	---	---	---
MW-20	---	---	---	---	---	---	---	---	---	---	---
MW-21	---	---	---	---	---	---	---	---	---	---	---
MW-22	---	---	---	---	---	---	---	---	---	---	---
MW-23 (B)	---	---	---	---	---	---	---	---	---	---	---
MW-24*	---	---	---	---	---	---	---	---	---	---	---
PZ-01	60.92	60.61	60.46	60.28	59.99	59.93	59.63	59.14	58.21	57.67	57.47
PZ-02	60.7	60.3	60.26	59.97	59.66	59.61	59.33	58.83	57.9	57.39	57.19
RW-01	59.64	55.04	59.22	54.71	54.4	54.35	54.05	53.58	52.76	52.24	52.03
RW-02 (B)	63.8	59.98	63.83	60.67	---	59.97	59.63	59.41	58.95	58.63	58.52
SUMP	74.67	74.68	74.64	74.63	74.63	75.3	74.9	74.65	74.87	74.69	74.99

Notes: NI-Well not installed at time of monitoring, NA-Data not available, AB-Well was abandoned, --- Water level not monitored, (B)-Bedrock ground water monitoring well,
* - Measurement relative to top of well casing. Elevations based on assumed datum. MW-01 through MW-16 installed during Remedial Investigation (Stearns & Wheler).
MW-03 was removed as part of the TCE Soils Interim Remedial Measure (IRM) completed in September 1994. System shutdown 02/15/96; System restored 02/20/96.
System start-up 02/06/96; MW-13 casing elev. changed 06/06/96. MW-04 and MW-20 were abandoned and replaced by MW-21 and MW-22 on 01/20/97.

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

Well ID	Ground Water Elevation (ft) 4/18/1996	Ground Water Elevation (ft) 5/2/1996	Ground Water Elevation (ft) 6/6/1996	Ground Water Elevation (ft) 7/16/1996	Ground Water Elevation (ft) 9/5/1996	Ground Water Elevation (ft) 10/21/1996	Ground Water Elevation (ft) 11/19/1996	Ground Water Elevation (ft) 1/16/1997	Ground Water Elevation (ft) 2/4/1997	Ground Water Elevation (ft) 4/15/1997	Ground Water Elevation (ft) 7/8/1997
MW-01	DRY	77.73	DRY	DRY	DRY	DRY	76.6	75.15	---	75.64	DRY
MW-02	84.86	85.35	83.17	83.32	82.57	83.18	84.22	83.56	---	83.81	---
MW-03	---	---	---	---	---	---	---	---	---	---	---
MW-04	60.28	59.7	51.63	52.45	DRY	55.91	55.91	53.12	---	---	---
MW-05	58.2	58.71	60.54	58.98	56.33	55.4	56.49	59.15	---	59.83	59.16
MW-06	57.41	58.17	59.91	58.13	54.95	53.71	55.61	58.39	---	59.34	58.58
MW-07 (B)	54.32	54.75	55.02	53.95	52.44	51.22	52.68	54.28	---	54.7	52.93
MW-08	64.08	65.43	67.07	64.5	59.05	59.56	63.61	64.67	---	65.15	61.65
MW-09	57.73	58.46	60.18	58.38	55.38	54.24	56.64	58.65	---	59.6	58.76
MW-10 (B)	58.61	59.72	62.25	59.11	53.88	---	54.95	59.61	---	58.11	53.44
MW-11 (B)	58.94	60.35	62.68	59.53	54.72	52.88	55.85	60.15	---	58.59	55.2
MW-12	57.86	58.59	60.33	58.54	55.48	54.3	56.18	58.81	---	59.72	58.92
MW-13	79.52	79.44	79.28	79.35	79.15	79.07	80.68	80.49	---	80.33	79.84
MW-14	78.14	79.29	80.56	80.66	80.59	80.61	---	80.59	---	80.53	80.55
MW-15 (B)	58.84	59.87	62.62	59.24	54.83	51.58	51.99	58.83	---	59.83	56.63
MW-16 (B)	65.84	67.02	68.4	65.57	63.31	---	---	66.13	---	66.89	64.43
MW-17	59.3	59.95	59.22	58.46	57.89	55.96	58.02	59.33	---	59.64	58.33
MW-18	---	---	72.95	72.32	70.81	70.77	---	73.31	72.78	73.6	71.34
MW-19	---	---	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-20	---	---	DRY	50.26	DRY	DRY	DRY	DRY	---	---	---
MW-21	---	---	---	---	---	---	---	---	63.69	63.74	---
MW-22	---	---	---	---	---	---	---	---	63.69	67.92	67.35
MW-23 (B)	---	---	---	---	---	---	---	---	---	37.71	35.61
MW-24*	---	---	---	---	---	---	---	---	---	---	---
PZ-01	57.6	58.34	---	58.31	55.13	53.9	55.83	58.57	---	59.51	58.7
PZ-02	57.3	58.04	59.77	57.97	54.9	53.53	55.25	58.23	---	59.13	58.34
RW-01	52.11	52.69	53.82	51.94	48.05	41.8	47.33	50.74	---	50.3	43.34
RW-02 (B)	58.41	59.63	62.56	59.14	---	42.02	55.39	---	---	55.69	44.07
SUMP	75.89	75.76	74.73	74.78	74.56	74.85	74.77	74.71	---	74.94	75.01

Notes: NI-Well not installed at time of monitoring, NA-Data not available, AB-Well was abandoned, --- Water level not monitored, (B)-Bedrock ground water monitoring well,
* - Measurement relative to top of well casing. Elevations based on assumed datum. MW-01 through MW-16 installed during Remedial Investigation (Stearns & Wheler).
MW-03 was removed as part of the TCE Soils Interim Remedial Measure (IRM) completed in September 1994. System shutdown 02/15/96; System restored 02/20/96.
System start-up 02/06/96; MW-13 casing elev. changed 06/06/96. MW-04 and MW-20 were abandoned and replaced by MW-21 and MW-22 on 01/20/97.

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

Well ID	Ground Water Elevation (ft) 10/22/1997	Ground Water Elevation (ft) 1/29/1998	Ground Water Elevation (ft) 4/15/1998	Ground Water Elevation (ft) 10/20/1998	Ground Water Elevation (ft) 4/28/1999	Ground Water Elevation (ft) 10/19/1999	Ground Water Elevation (ft) 4/6/2000	Ground Water Elevation (ft) 11/7/2000	Ground Water Elevation (ft) 7/3/2001	Ground Water Elevation (ft) 11/8/2001	Ground Water Elevation (ft) 4/3/2002
MW-01	DRY	DRY	DRY	DRY	DRY	DRY	80.92	DRY	77.46	76.87	77.42
MW-02	82.84	83.47	83.52	83.54	83.38	84.44	86.58	---	84.33	83.67	84.28
MW-03	---	---	---	---	---	---	---	---	---	---	---
MW-04	---	---	---	---	---	---	---	---	---	---	---
MW-05	58.34	60.86	---	---	59.91	55.35	60.52	59.83	60.92	60.1	60.8
MW-06	57.97	60.46	60.57	59.69	59.11	53.34	60.36	59.4	55.87	59.67	60.42
MW-07 (B)	50.63	52.9	53.82	51.76	54.57	51.73	54.87	DRY	53.34	51.92	53.59
MW-08	58.9	64.98	67.17	59.86	64.21	62.37	66.41	61.45	65.63	60.92	64.16
MW-09	58	60.51	60.56	59.71	59.68	54.25	60.62	59.42	60.51	59.68	60.47
MW-10 (B)	50.75	55.78	---	51.88	57.97	51.32	57.6	52.73	57.22	52.6	56.07
MW-11 (B)	52.5	56.75	61.73	53.98	58.36	53.31	59.39	54.66	59.15	54.73	57.19
MW-12	58.21	60.67	60.8	59.89	59.53	54.09	60.71	59.62	60.63	59.87	60.64
MW-13	79.53	78.87	78.67	78.31	78.08	80.75	80.89	80.53	79.95	80.1	78.65
MW-14	80.58	80.78	80.78	80.64	80.54	80.67	80.6	80.75	79.74	80.77	80.48
MW-15 (B)	50.48	56.34	62.1	52.58	58.94	50.95	58.81	54.32	58.98	53.52	59.03
MW-16 (B)	58.45	65.71	68.03	61.84	65.99	59.81	66.92	63.57	66.14	63.58	66.25
MW-17	DRY	59.7	59.51	57.93	58.76	57.47	60.28	58.33	58.55	58.02	59.24
MW-18	69.71	73.5	73.29	70.74	72.46	70.78	75.08	71.61	72.09	71.36	73.75
MW-19	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-20	---	---	---	---	---	---	---	---	---	---	---
MW-21	62.93	63.82	63.54	63.23	63.31	62.69	64.42	62.59	62.53	62.58	63.39
MW-22	65.96	68.51	68.39	67.83	68.05	67.69	68.52	66.42	68.13	68.15	68.71
MW-23 (B)	32.29	34.95	37.95	33.57	36.76	32.48	36.69	33.97	36.21	33.25	35.68
MW-24*	---	---	---	---	-7.38	-10.22	-9.96	-10.43	-10.41	-10.39	-10.35
PZ-01	58.01	60.5	60.61	59.7	59.3	53.65	60.51	59.44	---	59.7	60.45
PZ-02	57.65	60.22	60.34	59.46	59.03	52.71	60.17	59.16	---	59.48	60.18
RW-01	42.03	43.13	32.6	32.36	54.69	---	50.73	40.88	---	36.48	36.53
RW-02 (B)	42.89	52.74	59.94	44.33	56.74	---	54.52	42.86	---	42.97	49.85
SUMP	74.75	74.89	74.96	75.2	75.26	---	78.49	74.91	75.33	75.05	75.13

Notes: NI-Well not installed at time of monitoring, NA-Data not available, AB-Well was abandoned, --- Water level not monitored, (B)-Bedrock ground water monitoring well,
* - Measurement relative to top of well casing. Elevations based on assumed datum. MW-01 through MW-16 installed during Remedial Investigation (Stearns & Wheler).
MW-03 was removed as part of the TCE Soils Interim Remedial Measure (IRM) completed in September 1994. System shutdown 02/15/96; System restored 02/20/96.
System start-up 02/06/96; MW-13 casing elev. changed 06/06/96. MW-04 and MW-20 were abandoned and replaced by MW-21 and MW-22 on 01/20/97.

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

Well ID	Ground Water Elevation (ft) 10/9/2002	Ground Water Elevation (ft) 12/28/2004	Ground Water Elevation (ft) 4/8/2005	Ground Water Elevation (ft) 5/8/2005	Ground Water Elevation (ft) 11/9/2005	Ground Water Elevation (ft) 4/21/2006	Ground Water Elevation (ft) 1/2/2007	Ground Water Elevation (ft) 11/29/2007	Ground Water Elevation (ft) 5/8/2008	Ground Water Elevation (ft) 11/21/2008	Ground Water Elevation (ft) 4/22/2009
MW-01	101.11	76.7	80.09	80.09	78.27	78.66	76.7	80.03	80.06	80.11	80.69
MW-02	83.6	83.67	85.01	85.01	84.1	85.14	83.58	85.6	---	---	83.26
MW-03	---	---	---	---	---	---	---	---	---	---	---
MW-04	---	---	---	---	---	---	---	---	---	---	---
MW-05	58.42	60.79	61.76	61.76	60.82	60.88	60.65	61.62	60.72	60.24	60.86
MW-06	59.84	60.35	61.45	61.45	60.36	70.35	60.28	60.5	60.28	59.98	60.46
MW-07 (B)	52.34	54.11	55.35	55.35	---	54.59	54.04	52.96	52.94	---	56.1
MW-08	60.73	63.24	67.83	67.83	64.14	65.22	63.24	66.86	66.82	66.88	66.5
MW-09	59.85	60.36	61.54	61.54	60.4	60.36	60.36	60.55	60.33	60.53	60.49
MW-10 (B)	54.57	54.86	60.38	60.38	55.76	58.75	57.62	56.01	61.05	52.79	60.33
MW-11 (B)	54.77	56.54	60.89	60.89	56.05	58.84	57.81	55.72	60.32	52.42	59.4
MW-12	---	60.54	61.67	61.67	60.58	60.54	60.47	60.72	60.5	60.19	60.67
MW-13	79.62	83.48	80.04	80.04	80.6	79.8	79.44	78.68	78.23	DRY	DRY
MW-14	82.87	81.72	84.69	84.69	82.77	82.71	82.65	89.24	82.74	82.59	82.72
MW-15 (B)	54.4	57.78	61.53	61.53	55.87	59.87	59.26	54.35	61.89	52.85	61.74
MW-16 (B)	63.5	65.64	68.75	68.75	65.35	66.31	66.12	63.99	67.78	63.03	67.85
MW-17	57.58	58.91	60.79	60.79	58.91	58.77	59	58.46	58.96	57.9	59.36
MW-18	69.84	72.88	74.61	74.61	72.33	72.54	73.2	72.84	72.7	71.85	73.08
MW-19	DRY	DRY	---	DRY	DRY	DRY	---	DRY	DRY	DRY	DRY
MW-20	---	---	---	---	---	---	---	---	---	---	---
MW-21	61.82	62.54	63.92	63.92	62.62	62.24	62.63	63.12	62.65	62.65	62.63
MW-22	67.24	63.41	68.65	68.65	68.68	68.3	68.59	68.94	68.6	68.51	68.44
MW-23 (B)	33.63	36.49	39.32	39.32	35.43	37.72	36.62	34.82	34.76	34.82	39.14
MW-24*	-10.3	-10.33	-10.2	-10.2	-10.33	-10.4	-10.23	-10.12	-10.35	-10.35	-10.45
PZ-01	59.87	60.4	61.48	61.48	60.38	60.37	60.35	60.53	60.32	59.99	60.49
PZ-02	59.65	60.23	61.28	61.28	60.22	60.19	60.09	60.36	60.12	59.81	60.3
RW-01	34.88	---	---	---	---	---	---	---	---	---	---
RW-02 (B)	44.13	---	---	---	---	---	---	---	---	---	---
SUMP	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 ground water monitoring well,
* - Measurement relative to top of well casing. Elevations based on assumed datum. MW-01 through MW-16 installed during Remedial Investigation (Stearns & Wheler).
MW-03 was removed as part of the TCE Soils Interim Remedial Measure (IRM) completed in September 1994. System shutdown 02/15/96; System restored 02/20/96.
System start-up 02/06/96; MW-13 casing elev. changed 06/06/96. MW-04 and MW-20 were abandoned and replaced by MW-21 and MW-22 on 01/20/97.

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

Well ID	Ground Water Elevation (ft) 11/20/2009	Ground Water Elevation (ft) 4/30/2010	Ground Water Elevation (ft) 11/17/2010	Ground Water Elevation (ft) 5/12/2011	Ground Water Elevation (ft) 11/29/2011	Ground Water Elevation (ft) 5/22/2012	Ground Water Elevation (ft) 11/28/2012	Ground Water Elevation (ft) 4/18/2013	Ground Water Elevation (ft) 10/1/2013	Ground Water Elevation (ft)	Ground Water Elevation (ft)
MW-01	79.49	80.73	79.87	80.71	75.97	75.07	75.06	78.43	75.06		
MW-02	83.24	83.13	83.6	NM	83.98	83.36	83.4	84.68	83.36		
MW-03	---	---	---	---	---	---	---	---	---		
MW-04	---	---	---	---	---	---	---	---	---		
MW-05	60.32	60.7	60.62	62.32	60.66	60.54	60.02	61.08	60.38		
MW-06	60.03	60.34	60.26	NM	60.26	60.16	59.78	60.98	60.04		
MW-07 (B)	52.88	54.04	52.94	53.84	53.18	53.32	52.24	54.12	53.14		
MW-08	61.93	65.94	64.7	NM	63	62.44	60.93	65.6	62.66		
MW-09	60.03	60.37	60.27	61.9	60.25	60.19	59.76	60.71	60.05		
MW-10 (B)	53.77	58.97	58.77	66.37	55.73	55.41	52.47	58.67	55.39		
MW-11 (B)	52.98	57.95	57.84	64.85	54.56	54.2	51.58	57.48	54.1		
MW-12	60.24	60.56	60.44	62.02	60.46	60.38	59.98	60.88	60.24		
MW-13	78.02	Dry	Dry	Dry	Dry	Dry	Dry	Dry	78		
MW-14	82.67	82.62	82.77	81.74	82.7	82.64	82.54	82.54	82.82		
MW-15 (B)	54.7	60.4	60.1	62.56	57.88	57.6	52.1	60.12	57.65		
MW-16 (B)	64.11	66.77	66.41	74.8	64.83	64.81	61.03	67.15	64.75		
MW-17	58.38	58.96	58.89	60.26	58.96	58.92	54.44	59.88	58.24		
MW-18	71.91	72.53	72.95	73.26	73.05	72.47	70.83	74.27	71.07		
MW-19	47.11	Dry	47.13	DRY	47.13	47.12	Dry	Dry	Dry		
MW-20	---	---	---	---	---	---	---	---	---		
MW-21	62.43	62.31	63.31	62.36	62.85	62.12	60.57	62.92	60.91		
MW-22	68.29	68.26	68.88	68.44	68.74	68.3	68.34	68.3	66.39		
MW-23 (B)	35.06	38.38	38.08	42.22	36.96	37.4	34	38.6	36.86		
MW-24*	-11.12	-10.5	-10.44	-10.4	-10.36	-10.48	Dry	Dry	Dry		
PZ-01	60.03	60.37	60.27	61.85	60.27	60.2	59.79	60.69	60.07		
PZ-02	59.86	60.18	60.1	61.61	60.11	60.02	59.62	60.51	59.88		
RW-01	---	---	---	---	---	---	33.54	34.88	34.38		
RW-02 (B)	---	---	---	---	---	---	43.33	54.73	44.02		
SUMP	---	---	---	---	---	---	---	---	---		

Notes: NI-Well not installed at time of monitoring, NA-Data not available, AB-Well was abandoned, --- Water level not monitored, (B)-Bedrock ground water monitoring well,
* - Measurement relative to top of well casing. Elevations based on assumed datum. MW-01 through MW-16 installed during Remedial Investigation (Stearns & Wheler).
MW-03 was removed as part of the TCE Soils Interim Remedial Measure (IRM) completed in September 1994. System shutdown 02/15/96; System restored 02/20/96.
System start-up 02/06/96; MW-13 casing elev. changed 06/06/96. MW-04 and MW-20 were abandoned and replaced by MW-21 and MW-22 on 01/20/97.

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

Sample Date Location ID	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
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).
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
Ground Water Trichloroethene Concentrations

Sample Date / Location ID	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
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).
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
Ground Water Trichloroethene Concentrations

Sample Date / Location ID	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
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).
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
Ground Water Trichloroethene Concentrations

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

Notes:
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MW-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
Ground Water Trichloroethene Concentrations

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

Notes:
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MW-01 through MW-16 installed during Remedial Investigation (Stearns & Wheler).
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
Ground Water Trichloroethene Concentrations

Sample Date / Location ID	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
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	---

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).
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
Ground Water Trichloroethene Concentrations

Sample Date Location ID	October-13 Trichloroethene ug/l
MW-01	---
MW-02	---
MW-03	---
MW-04	---
MW-05	73
MW-06	64
MW-07	---
MW-08	---
MW-09	52
MW-10	84
MW-11	760
MW-12	16
MW-13	290
MW-14	1600
MW-15	0.69 J
MW-16	1.5
MW-17	330
MW-18	1700
MW-20	---
MW-21	15
MW-22	1.5
MW-23	---
MW-24	530
PZ-01	90
PZ-02	97
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). MW-03 removed as part of TCE Soils Interim Remedial Measure (IRM) completed in September 1994. Data was collected by Stearns & Wheler prior to 07/22/94. MW-04 and MW-20 were abandoned and replaced by MW-21 and MW-22 on 01/20/97. Data provided only for wells presently included in either the annual or semi-annual monitoring list of wells.

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

Location ID	Chemical Name Sample Date	cis-1,2-Dichloroethene ug/l	Tetrachloroethene ug/l	Toluene ug/l	trans-1,2-Dichloroethene ug/l
MW-01	11/8/2001	1 U	1 U	1 U	1 U
MW-02	10/22/1996	1 U	1 U	1 U	1 U
MW-02	10/22/1997	1 U	1 U	1 U	1 U
MW-02	10/21/1998	1 U	1 U	1 U	1 U
MW-02	10/19/1999	1 U	1 U	1 U	1 U
MW-02	11/9/2000	1 U	1 U	1 U	1 U
MW-02	11/10/2001	1 U	1 U	1 U	1 U
MW-04	10/22/1996	**12**	1 U	1 U	1 U
MW-05	10/21/1996	10 U	10 U	10 U	10 U
MW-05	10/22/1997	10 U	10 U	10 U	10 U
MW-05	10/20/1998	10 U	10 U	10 U	10 U
MW-05	10/19/1999	10 U	10 U	10 U	10 U
MW-05	11/8/2000	5 U	5 U	5 U	5 U
MW-05	11/9/2001	5 U	5 U	5 U	5 U
MW-05	10/10/2002	5 U	5 U	5 U	5 U
MW-05	12/8/2003	5 U	5 U	5 U	5 U
MW-05	12/28/2004	2.5 U	**2.7**	2.5 U	2.5 U
MW-05	11/9/2005	2.50 U	2.50 U	2.50 U	2.50 U
MW-05	1/2/2007	2.5 U	2.5 U	2.5 U	2.5 U
MW-05	11/29/2007	0.5 U	**2.5**	0.5 U	0.5 U
MW-05	11/1/2008	**1.52**	**1.95**	0.5 U	0.5 U
MW-05	11/20/2009	**1.15**	**2.25**	0.5 U	0.5 U
MW-05	11/17/2010	2.5 U	2.5 U	2.5 U	2.5 U
MW-05	11/29/2011	2.5 U	2.5 U	2.5 U	2.5 U
MW-05	11/28/2012	2.5 U	**2.5**	2.5 U	2.5 U
MW-05	10/1/2013	**1.3**	**2.5**	1 U	1 U
MW-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-07	10/21/1996	1 U	1 U	1 U	1 U
MW-07	10/22/1997	1 U	1 U	1 U	1 U
MW-07	10/20/1998	1 U	1 U	1 U	1 U
MW-07	10/19/1999	1 U	1 U	1 U	1 U
MW-07	11/9/2001	1 U	1 U	1 U	1 U
MW-08	10/22/1996	1 U	1 U	1 U	1 U
MW-08	10/21/1998	1 U	1 U	1 U	1 U
MW-08	10/19/1999	1 U	1 U	1 U	1 U
MW-08	11/7/2000	1 U	1 U	1 U	1 U
MW-08	11/8/2001	1 U	1 U	1 U	1 U
MW-09	1/17/1996	---	5 U	5 U	---
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

Notes: U - Not detected, NS - Not sampled, --- - Not Analyzed, Detects in BOLD.
MW-04, MW-20 were abandoned and replaced by MW-21, MW-22 on 1/20/97.

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	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-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-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

Notes: U - Not detected, NS - Not sampled, --- - Not Analyzed, Detects in BOLD.
MW-04, MW-20 were abandoned and replaced by MW-21, MW-22 on 1/20/97.

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-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-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-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-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

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Fayetteville, New York
Other Detected Volatile Organic Compounds

Location ID	Chemical Name / Sample Date	cis-1,2-Dichloroethene ug/l	Tetrachloroethene ug/l	Toluene ug/l	trans-1,2-Dichloroethene ug/l
MW-14	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-15	10/22/1996	1 U	1 U	1 U	1 U
MW-15	10/22/1997	1 U	1 U	1 U	1 U
MW-15	10/21/1998	1 U	1 U	1 U	1 U
MW-15	10/19/1999	1 U	1 U	1 U	1 U
MW-15	11/9/2000	1 U	1 U	1 U	1 U
MW-15	11/8/2001	1 U	1 U	1 U	1 U
MW-15	10/11/2002	1 U	1 U	1 U	1 U
MW-15	12/8/2003	1 U	1 U	1 U	1 U
MW-15	12/28/2004	0.50 U	0.50 U	0.50 U	0.50 U
MW-15	11/9/2005	**2.19**	0.50 U	0.50 U	0.50 U
MW-15	1/2/2007	**1.8**	0.5 U	0.5 U	0.5 U
MW-15	11/29/2007	**1.7**	0.5 U	0.5 U	0.5 U
MW-15	11/1/2008	0.5 U	0.5 U	0.5 U	0.5 U
MW-15	11/20/2009	**0.71**	0.5 U	0.5 U	0.5 U
MW-15	11/17/2010	0.5 U	0.5 U	0.5 U	0.5 U
MW-15	11/29/2011	0.5 U	0.5 U	0.5 U	0.5 U
MW-15	11/28/2012	0.5 U	0.5 U	0.5 U	0.5 U
MW-15	10/1/2013	1 U	1 U	1 U	1 U
MW-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-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

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Fayetteville, New York
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Location ID	Chemical Name / Sample Date	cis-1,2-Dichloroethene ug/l	Tetrachloroethene ug/l	Toluene ug/l	trans-1,2-Dichloroethene ug/l
MW-17	4/29/1999	10 U	**23**	10 U	10 U
MW-17	10/19/1999	10 U	10 U	10 U	10 U
MW-17	4/6/2000	10 U	10 U	10 U	10 U
MW-17	11/9/2000	**15**	**7**	5 U	5 U
MW-17	7/3/2001	**10**	**7**	5 U	5 U
MW-17	11/10/2001	**10**	**8**	5 U	5 U
MW-17	10/11/2002	**22**	5 U	5 U	5 U
MW-17	12/8/2003	10 U	10 U	10 U	10 U
MW-17	12/28/2004	**5.1**	**11**	5.0 U	5.0 U
MW-17	11/9/2005	**17.9**	**9.5**	2.50 U	2.50 U
MW-17	1/2/2007	**9.45**	**10.2**	2.5 U	2.5 U
MW-17	11/29/2007	**22**	**6.9**	0.5 U	0.5 U
MW-17	11/1/2008	**21.7**	**5.06**	0.5 U	0.5 U
MW-17	11/20/2009	**11.6**	**6.1**	5 U	5 U
MW-17	11/17/2010	**2.4**	**6.18**	1.25 U	1.25 U
MW-17	11/29/2011	**20.2**	**19.7**	5 U	5 U
MW-17	11/28/2012	**10.7**	**5.25**	2.5 U	2.5 U
MW-17	10/1/2013	**31**	**8.1**	1 U	1 U
MW-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-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

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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-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-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-23	4/15/1997	1 U	1 U	1 U	1 U
MW-23	7/8/1997	1 U	1 U	1 U	1 U
MW-23	10/22/1997	1 U	1 U	1 U	1 U
MW-23	1/29/1998	1 U	1 U	1 U	1 U
MW-23	10/21/1998	1 U	1 U	1 U	1 U
MW-23	10/19/1999	1 U	1 U	1 U	1 U
MW-23	11/7/2000	1 U	1 U	1 U	1 U
MW-23	11/8/2001	1 U	1 U	1 U	1 U
MW-24	11/9/1998	**2600**	200 U	200 U	200 U
MW-24	4/29/1999	**1600**	100 U	100 U	100 U
MW-24	10/19/1999	**3000**	100 U	100 U	100 U
MW-24	4/6/2000	**250**	20 U	20 U	20 U
MW-24	11/7/2000	**1200**	50 U	50 U	50 U
MW-24	7/3/2001	**400**	50 U	50 U	50 U
MW-24	11/10/2001	**2100**	50 U	50 U	50 U
MW-24	6/11/2002	**680**	50 U	50 U	50 U
MW-24	5/1/2003	**410**	10 U	10 U	10 U
MW-24	12/8/2003	**81**	10 U	10 U	10 U
MW-24	7/19/2004	**680**	10 U	10 U	10 U
MW-24	12/28/2004	**69**	5.0 U	5.0 U	5.0 U
MW-24	4/8/2005	**44**	2.0 U	2.0 U	2.0 U
MW-24	11/9/2005	**75.6**	2.50 U	2.50 U	2.50 U
MW-24	4/21/2006	**180**	2.5 U	2.5 U	2.5 U
MW-24	1/2/2007	**5.15**	2.5 U	2.5 U	2.5 U
MW-24	5/31/2007	**45.7**	2.5 U	2.5 U	2.5 U
MW-24	11/29/2007	**42**	0.5 U	0.5 U	0.5 U
MW-24	5/1/2008	**8.21**	0.5 U	0.5 U	0.5 U
MW-24	11/1/2008	**51.9**	5 U	5 U	5 U
MW-24	04/22/2009	**8.1**	5 U	5 U	5 U
MW-24	04/30/2010	**11**	2.5 U	2.5 U	2.5 U
MW-24	11/17/2010	**212**	2.5 U	2.5 U	2.5 U
MW-24	5/21/2011	**492**	5 U	5 U	5 U
MW-24	11/29/2011	**43.3**	5 U	5 U	5 U
MW-24	5/22/2012	**36.9**	5 U	5 U	5 U
MW-24	11/28/2012	**111**	25 U	25 U	25 U

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MW-24	4/18/2013	**43**	25 U	25 U	25 U
MW-24	10/1/2013	**150**	1 U	1 U	**1.9**
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-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

Notes: U - Not detected, NS - Not sampled, --- - Not Analyzed, Detects in BOLD.
MW-04, MW-20 were abandoned and replaced by MW-21, MW-22 on 1/20/97.

Life Science Laboratories, Inc.
5854 Butternut Drive
East Syracuse, NY 13057 **(315) 445-1900**

Friday, October 11, 2013

Mr. Al Farrell
O'Brien & Gere Engineers, Inc.
333 W. Washington St.
P.O. Box 4873
Syracuse, NY 13221-4873

TEL: 315-956-6100

Project: FORMER ACCURATE DIE CAST
RE: Analytical Results Order No.: K1310034

Dear Mr. Al Farrell:

Life Science Laboratories, Inc. received 1 sample(s) on 10/3/2013 for the analyses presented in the following report. Sample results relate only to the samples as received by the laboratory.

Very truly yours,
Life Science Laboratories, Inc.

Anthony Crescenzi
Project Manager

Life Science Laboratories, Inc.
5854 Butternut Drive
East Syracuse , NY 13057 **(315) 445-1900**

Analytical Results

StateCertNo: 10248

CLIENT O'Brien & Gere Engineers, Inc.
Project: Former Accurate Die Cast
W Order: K1310034
Matrix: WATER

Lab ID: **K1310034-001A**
Client Sample ID: *Effluent Comp 10/3/13*
Collection Date: 10/03/13 7:15
Date Received: 10/03/13 8:00

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
RESIDUE-FILTERABLE (TDS)			**SM 18-20 2540 C**			
Residue-filterable (TDS)	630		10	mg/L	1	10/03/13
RESIDUE-NON-FILTERABLE (TSS)			**SM 18-20 2540 D**			
Residue-non-filterable (TSS)	ND		5.0	mg/L	1	10/03/13

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

K1310034

Life Science Laboratories, Inc.
Brittonfield Lab

5854 Butternut Drive
East Syracuse, New York 13057
(315) 445-1105

Chain of Custody

Client: O'BRIEN & GERE

Project: FORMER ACCURATE DIE

Sampled by: MARTIN KOENNECKE

Client Contact: AL FARREL Phone #

Sample Description

Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	Analysis/Method: TSS, TDS							Comments
EFFLUENT	10-3-13	7:15	WATER	COMP	1	1							

Relinquished by: Matt Koenecke Date: 10-3-13 Time: 805

Relinquished by: Date: Time:

Relinquished by: Date: Time:

Shipment Method: HAND

Received by: Date: Time:

Received by: Date: Time:

Received by Lab: Date: 10/3/13 Time: 8:00

Airbill Number:

Turnaround Time Required:
Routine X
Rush (Specify)

Comments:

Cooler Temperature: 6°C

Original - Laboratory
Copy - Client

Life Science Laboratories, Inc.

Sample Receipt Checklist

Client Name: **OBG-MS**

Date and Time Received: **10/3/2013 4:00:00 PM**

Work Order Number: **K1310034**

Received by: hg

Checklist completed by: GS (Initials) 10-3-13 (Date)

Reviewed by: AC (Initials) 10-3-13 (Date)

Delivery Method: Hand Delivered

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Applicable ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☑

Comments:

Corrective Action:

Life Science Laboratories, Inc.
5854 Butternut Drive
East Syracuse, NY 13057 (315) 445-1900

Sunday, October 27, 2013

Mr. Al Farrell
O'Brien & Gere Engineers, Inc.
333 W. Washington St.
P.O. Box 4873
Syracuse, NY 13221-4873

TEL: 315-956-6100

Project: FORMER ACCURATE DIE CAST
RE: Analytical Results Order No.: K1310145

Dear Mr. Al Farrell:

Life Science Laboratories, Inc. received 5 sample(s) on 10/10/2013 for the analyses presented in the following report. Sample results relate only to the samples as received by the laboratory.

Very truly yours,
Life Science Laboratories, Inc.

Anthony Crescenzi
Project Manager

Life Science Laboratories, Inc.
5854 Butternut Drive
East Syracuse , NY 13057 **(315) 445-1900**

Analytical Results

StateCertNo: 10248

CLIENT O'Brien & Gere Engineers, Inc.
Project: Former Accurate Die Cast
W Order: K1310145
Matrix: WATER

Lab ID: **K1310145-001A**
Client Sample ID: *Influent Comp 10/10/13*

Collection Date: 10/10/13 7:20
Date Received: 10/10/13 8:05

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
MERCURY			**EPA 245.1**		**(E245.1)**	
Mercury	ND		0.00020	mg/L	1	10/11/13 15:31
TOTAL METALS BY ICP			**EPA 200.7**		**(E200.2)**	
Zinc	ND		0.020	mg/L	1	10/24/13 13:47

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Print Date: 10/27/13 10:46 **Project Supervisor:** Anthony Crescenzi

Life Science Laboratories, Inc.
5854 Butternut Drive
East Syracuse , NY 13057 **(315) 445-1900**

Analytical Results

StateCertNo: 10248

CLIENT O'Brien & Gere Engineers, Inc.
Project: Former Accurate Die Cast
W Order: K1310145
Matrix: WATER

Lab ID: **K1310145-002A**
Client Sample ID: *Effluent Comp 10/10/13*
Collection Date: 10/10/13 7:20
Date Received: 10/10/13 8:05

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
MERCURY			**EPA 245.1**		**(E245.1)**	
Mercury	ND		0.00020	mg/L	1	10/11/13 15:33
TOTAL METALS BY ICP			**EPA 200.7**		**(E200.2)**	
Zinc	ND		0.020	mg/L	1	10/24/13 14:03

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Life Science Laboratories, Inc.
5854 Butternut Drive
East Syracuse , NY 13057 **(315) 445-1900**

Analytical Results

StateCertNo: 10248

CLIENT O'Brien & Gere Engineers, Inc.
Project: Former Accurate Die Cast
W Order: K1310145
Matrix: WATER

Lab ID: **K1310145-002B**
Client Sample ID: *Effluent Comp 10/10/13*
Collection Date: 10/10/13 7:20
Date Received: 10/10/13 8:05

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
RESIDUE-FILTERABLE (TDS)				**SM 18-20 2540 C**		
Residue-filterable (TDS)	640		10	mg/L	1	10/10/13
RESIDUE-NON-FILTERABLE (TSS)				**SM 18-20 2540 D**		
Residue-non-filterable (TSS)	ND		5.0	mg/L	1	10/15/13

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Life Science Laboratories, Inc.

5854 Butternut Drive
East Syracuse, NY 13057 (315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT	O'Brien & Gere Engineers, Inc.	**Lab ID:**	**K1310145-003A**
Project:	Former Accurate Die Cast	**Client Sample ID:**	***Effluent Grab 10/10/13***
W Order:	K1310145		
Matrix:	WATER	**Collection Date:**	10/10/13 7:20
		Date Received:	10/10/13 8:05
Inst. ID:	MSK_75	**Sample Size** 10 mL	**PrepDate:**
ColumnID:	Rtx-VMS	**%Moisture:**	**BatchNo:** R26228
Revision:	10/15/13 8:27	**TestCode** 8260W	**FileID:** 1-SAMP-K3956.D
Col Type:			

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				**SW8260B**		
1,1,2,2-Tetrachloroethane	ND		0.50	µg/L	1	10/11/13 12:38
cis-1,2-Dichloroethene	ND		0.50	µg/L	1	10/11/13 12:38
Methylene chloride	ND		2.00	µg/L	1	10/11/13 12:38
Tetrachloroethene	ND		0.50	µg/L	1	10/11/13 12:38
Toluene	ND		0.50	µg/L	1	10/11/13 12:38
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	10/11/13 12:38
Trichloroethene	ND		0.50	µg/L	1	10/11/13 12:38
Surr: 1,2-Dichloroethane-d4	99		75-130	%REC	1	10/11/13 12:38
Surr: 4-Bromofluorobenzene	104		75-125	%REC	1	10/11/13 12:38
Surr: Toluene-d8	92		75-125	%REC	1	10/11/13 12:38

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Life Science Laboratories, Inc.
5854 Butternut Drive
East Syracuse, NY 13057 (315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT	O'Brien & Gere Engineers, Inc.	**Lab ID:**	**K1310145-004A**
Project:	Former Accurate Die Cast	**Client Sample ID:**	***Between Carbon Grab 10/10/13***
W Order:	K1310145		
Matrix:	WATER	**Collection Date:**	10/10/13 7:20
		Date Received:	10/10/13 8:05
Inst. ID:	MSK_75	**Sample Size** 10 mL	**PrepDate:**
ColumnID:	Rtx-VMS	**%Moisture:**	**BatchNo:** R26228
Revision:	10/15/13 8:27	**TestCode** 8260W	**FileID:** 1-SAMP-K3957.D
Col Type:			

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				**SW8260B**		
1,1,2,2-Tetrachloroethane	ND		0.50	µg/L	1	10/11/13 13:10
cis-1,2-Dichloroethene	1.38		0.50	µg/L	1	10/11/13 13:10
Methylene chloride	ND		2.00	µg/L	1	10/11/13 13:10
Tetrachloroethene	ND		0.50	µg/L	1	10/11/13 13:10
Toluene	ND		0.50	µg/L	1	10/11/13 13:10
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	10/11/13 13:10
Trichloroethene	2.14		0.50	µg/L	1	10/11/13 13:10
Surr: 1,2-Dichloroethane-d4	101		75-130	%REC	1	10/11/13 13:10
Surr: 4-Bromofluorobenzene	95		75-125	%REC	1	10/11/13 13:10
Surr: Toluene-d8	103		75-125	%REC	1	10/11/13 13:10

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Life Science Laboratories, Inc.

5854 Butternut Drive
East Syracuse, NY 13057 (315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT	O'Brien & Gere Engineers, Inc.	**Lab ID:**	**K1310145-005A**
Project:	Former Accurate Die Cast	**Client Sample ID:**	***Influent Grab 10/10/13***
W Order:	K1310145		
Matrix:	WATER	**Collection Date:**	10/10/13 7:20
		Date Received:	10/10/13 8:05
Inst. ID:	MSK_75	**Sample Size** 10 mL	**PrepDate:**
ColumnID:	Rtx-VMS	**%Moisture:**	**BatchNo:** R26228
Revision:	10/15/13 8:27	**TestCode** 8260W	**FileID:** 1-SAMP-K3958.D
Col Type:			

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				**SW8260B**		
1,1,2,2-Tetrachloroethane	ND		10.0	µg/L	20	10/11/13 13:42
cis-1,2-Dichloroethene	ND		10.0	µg/L	20	10/11/13 13:42
Methylene chloride	ND		40.0	µg/L	20	10/11/13 13:42
Tetrachloroethene	ND		10.0	µg/L	20	10/11/13 13:42
Toluene	ND		10.0	µg/L	20	10/11/13 13:42
trans-1,2-Dichloroethene	ND		10.0	µg/L	20	10/11/13 13:42
Trichloroethene	437		10.0	µg/L	20	10/11/13 13:42
Surr: 1,2-Dichloroethane-d4	103		75-130	%REC	20	10/11/13 13:42
Surr: 4-Bromofluorobenzene	98		75-125	%REC	20	10/11/13 13:42
Surr: Toluene-d8	103		75-125	%REC	20	10/11/13 13:42

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

K1310145

Life Science Laboratories, Inc.
Brittonfield Lab

5854 Butternut Drive
East Syracuse, New York 13057
(315) 445-1105

Chain of Custody

Client: OBRIEN & GERE

Project: FORMER ACCURATE DIE

Sampled by: MARTIN KOENNECKE

Client Contact: AL FARREL Phone #

Sample Description

Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	Hg Zn	TSS, TDS	8260	8021				Comments
INFLUENT	10-10-13	7:20	WATER	COMP	1	1							
EFFLUENT	10-10-13	7:20	WATER	COMP	2	1	1						
EFFLUENT	10-10-13	7:20	WATER	GRAB	3			3					
BETWEEN CARBONS	10-10-13	7:20	WATER	GRAB	3				3				
INFLUENT	10-10-13	7:20	WATER	GRAB	3				3				

Relinquished by: Martin Koennecke Date: 10-10-13 Time: 8:05

Relinquished by: Date: Time:

Relinquished by: Date: Time:

Shipment Method: HAND

Received by: Date: Time:

Received by: Date: Time:

Received by Lab: Date: 10-10-13 Time: 8:05

Airbill Number:

Turnaround Time Required:

Routine X

Rush (Specify)

Comments:

Cooler Temperature: 11.7°C on Ice

Original - Laboratory
Copy - Client

Life Science Laboratories, Inc.

Sample Receipt Checklist

Client Name: **OBG-MS** Date and Time Received: **10/10/2013 8:05:00 AM**

Work Order Number: **K1310145** Received by: gis

Checklist completed by: GS (Initials) 10-10-13 (Date) Reviewed by: AC (Initials) 10-10-13 (Date)

Delivery Method: Hand Delivered

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Applicable ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☑	No ☐	Not Applicable ☐

pH	Preservative	pH Acceptable	Sample ID	Volume of Preservative added in Lab.
>12	NaOH	Yes ☐ N ☐ NA ☑		
<2	HNO3	Yes ☑ N ☐ NA ☐		
<2	HSO4	Yes ☐ N ☐ NA ☑		
<2	1:1 HCL	Yes ☐ N ☐ NA ☑		
5-9	Pest/PCBs (608/8081)	Yes ☐ N ☐ NA ☑		

Comments:

Corrective Action:

Life Science Laboratories, Inc.
5854 Butternut Drive
East Syracuse, NY 13057 **(315) 445-1900**

Wednesday, October 23, 2013

Mr. Al Farrell
O'Brien & Gere Engineers, Inc.
333 W. Washington St.
P.O. Box 4873
Syracuse, NY 13221-4873

TEL: 315-956-6100

Project: FORMER ACCURATE DIE CAST
RE: Analytical Results Order No.: K1310175

Dear Mr. Al Farrell:

Life Science Laboratories, Inc. received 1 sample(s) on 10/14/2013 for the analyses presented in the following report. Sample results relate only to the samples as received by the laboratory.

Very truly yours,
Life Science Laboratories, Inc.

Anthony Crescenzi
Project Manager

Life Science Laboratories, Inc.
5854 Butternut Drive
East Syracuse , NY 13057 (315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT O'Brien & Gere Engineers, Inc.
Project: Former Accurate Die Cast
W Order: K1310175
Matrix: WATER

Lab ID: K1310175-001A
Client Sample ID: *Effluent Comp 10/14/13*
Collection Date: 10/14/13 7:00
Date Received: 10/14/13 8:05

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
RESIDUE-FILTERABLE (TDS)				**SM 18-20 2540 C**		
Residue-filterable (TDS)	670		10	mg/L	1	10/15/13
RESIDUE-NON-FILTERABLE (TSS)				**SM 18-20 2540 D**		
Residue-non-filterable (TSS)	ND		5.0	mg/L	1	10/17/13

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

K1310175

Life Science Laboratories, Inc.
Brittonfield Lab

5854 Butternut Drive
East Syracuse, New York 13057
(315) 445-1105

Chain of Custody

Client: OBRIEN & GERE
Project: FORMER ACCURATE DIE
Sampled by: MARTIN KOENNECKE
Client Contact: AL FARREL Phone #

Sample Description

Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	Analysis/Method: TSS, TDS	Comments
001 EFFLUENT	10-14-13	17:00	WATER	COMP	1	1	

Relinquished by: Martin Koennecke Date: 10-14-13 Time: 805
Relinquished by: Date: Time:
Relinquished by: Date: Time:
Shipment Method: HAND

Received by: Date: Time:
Received by: Date: Time:
Received by Lab: GS Date: 10-14-13 Time: 8:05
Airbill Number:

Turnaround Time Required:
Routine X
Rush (Specify)

Comments:

Cooler Temperature: 12.6°

Original - Laboratory
Copy - Client

Life Science Laboratories, Inc.

Sample Receipt Checklist

Client Name: **OBG-MS**

Date and Time Received: **10/14/2013 8:05:00 AM**

Work Order Number: **K1310175**

Received by: gis

Checklist completed by: GS (Initials) 10-14-13 (Date)

Reviewed by: AC (Initials) 10-22-13 (Date)

Delivery Method: Hand Delivered

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Applicable ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☑

Comments:

Corrective Action:

Life Science Laboratories, Inc.
5854 Butternut Drive
East Syracuse, NY 13057 **(315) 445-1900**

Thursday, October 31, 2013

Mr. Al Farrell
O'Brien & Gere Engineers, Inc.
333 W. Washington St.
P.O. Box 4873
Syracuse, NY 13202

TEL: 315-956-6100

Project: FORMER ACCURATE DIE CAST
RE: Analytical Results Order No.: K1310233

Dear Mr. Al Farrell:

Life Science Laboratories, Inc. received 2 sample(s) on 10/21/2013 for the analyses presented in the following report. Sample results relate only to the samples as received by the laboratory.

Very truly yours,
Life Science Laboratories, Inc.

Anthony Crescenzi
Project Manager

Life Science Laboratories, Inc.
5854 Butternut Drive
East Syracuse , NY 13057 **(315) 445-1900**

Analytical Results

StateCertNo: 10248

CLIENT O'Brien & Gere Engineers, Inc.
Project: Former Accurate Die Cast
W Order: K1310233
Matrix: WATER

Lab ID: **K1310233-001A**
Client Sample ID: *Effluent Comp 10/21/13 07:30*
Collection Date: 10/21/13 7:30
Date Received: 10/21/13 8:20

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
RESIDUE-FILTERABLE (TDS)			**SM 18-20 2540 C**			
Residue-filterable (TDS)	770		10	mg/L	1	10/22/13
RESIDUE-NON-FILTERABLE (TSS)			**SM 18-20 2540 D**			
Residue-non-filterable (TSS)	9.5		5.0	mg/L	1	10/22/13

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

Life Science Laboratories, Inc.

5854 Butternut Drive
East Syracuse, NY 13057 (315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT O'Brien & Gere Engineers, Inc.
Project: Former Accurate Die Cast
W Order: K1310233
Matrix: WATER

Lab ID: K1310233-002A
Client Sample ID: *Effluent Grab 10/21/13 07:30*
Collection Date: 10/21/13 7:30
Date Received: 10/21/13 8:20

Inst. ID: MSK_75 **Sample Size** 10 mL
ColumnID: Rtx-VMS **%Moisture:**
Revision: 10/28/13 9:21 **TestCode** 8260W
Col Type:

PrepDate:
BatchNo: R26314
FileID: 1-SAMP-K4048.D

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS				**SW8260B**		
1,1,2,2-Tetrachloroethane	ND		0.50	µg/L	1	10/23/13 20:12
cis-1,2-Dichloroethene	ND		0.50	µg/L	1	10/23/13 20:12
Methylene chloride	ND		2.00	µg/L	1	10/23/13 20:12
Tetrachloroethene	ND		0.50	µg/L	1	10/23/13 20:12
Toluene	ND		0.50	µg/L	1	10/23/13 20:12
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	10/23/13 20:12
Trichloroethene	ND		0.50	µg/L	1	10/23/13 20:12
Surr: 1,2-Dichloroethane-d4	108		75-130	%REC	1	10/23/13 20:12
Surr: 4-Bromofluorobenzene	106		75-125	%REC	1	10/23/13 20:12
Surr: Toluene-d8	100		75-125	%REC	1	10/23/13 20:12

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

K1310233

Life Science Laboratories, Inc.
Brittonfield Lab

5854 Butternut Drive
East Syracuse, New York 13057
(315) 445-1105

Chain of Custody

Client: OBRIEN & GERE
Project: FORMER ACCURATE DIE
Sampled by: MARTIN KOENNECKE
Client Contact: AL FARREL Phone #

Sample Description

Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	Analysis/Method: TSS, TDS	Analysis/Method: 8260	Comments
001 EFFLUENT	10-21-13	730	WATER	COMP	1	1		
EFFLUENT	10-21-13	730	WATER	GRAB	3		3	

Relinquished by: Martin Koennecke Date: 10-21-13 Time: 820
Relinquished by: Date: Time:
Relinquished by: Date: Time:
Shipment Method: HAND

Received by: Date: Time:
Received by: Date: Time:
Received by Lab: Date: 10-21-13 Time: 8:20
Airbill Number:

Turnaround Time Required:
Routine X
Rush (Specify)

Comments:

Cooler Temperature: 12-3°C on Ice.

Original - Laboratory
Copy - Client

Life Science Laboratories, Inc.

Sample Receipt Checklist

Client Name: **OBG-MS** Date and Time Received: **10/21/2013 8:20:00 AM**

Work Order Number: **K1310233** Received by: gis

Checklist completed by: GS (Initials) 10-21-13 (Date) Reviewed by: AL (Initials) 10-23-13 (Date)

Delivery Method: Hand Delivered

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Applicable ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Water - VOA vials have zero headspace?	Yes ☑	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☑

Comments:

Corrective Action:

Life Science Laboratories, Inc.
5854 Butternut Drive
East Syracuse, NY 13057 **(315) 445-1900**

Sunday, November 03, 2013

Mr. Al Farrell
O'Brien & Gere Engineers, Inc.
333 W. Washington St.
P.O. Box 4873
Syracuse, NY 13221-4873

TEL: 315-956-6100

Project: FORMER ACCURATE DIE CAST
RE: Analytical Results Order No.: K1310289

Dear Mr. Al Farrell:

Life Science Laboratories, Inc. received 1 sample(s) on 10/28/2013 for the analyses presented in the following report. Sample results relate only to the samples as received by the laboratory.

Very truly yours,
Life Science Laboratories, Inc.

Anthony Crescenzi
Project Manager

Life Science Laboratories, Inc.
5854 Butternut Drive
East Syracuse , NY 13057 **(315) 445-1900**

Analytical Results

StateCertNo: 10248

CLIENT O'Brien & Gere Engineers, Inc.
Project: Former Accurate Die Cast
W Order: K1310289
Matrix: WATER

Lab ID: **K1310289-001A**
Client Sample ID: *Effluent Comp 10/28/13*
Collection Date: 10/28/13 7:15
Date Received: 10/28/13 8:00

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
RESIDUE-FILTERABLE (TDS)				**SM 18-20 2540 C**		
Residue-filterable (TDS)	700		10	mg/L	1	10/29/13
RESIDUE-NON-FILTERABLE (TSS)				**SM 18-20 2540 D**		
Residue-non-filterable (TSS)	ND		5.0	mg/L	1	10/29/13

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value exceeds the instrument calibration range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below the PQL	ND	Not Detected at the Practical Quantitation Limit (PQL)
P	Prim./Conf. column %D or RPD exceeds limit	S	Spike Recovery outside accepted recovery limits

K1310289

Life Science Laboratories, Inc.
Brittonfield Lab

5854 Butternut Drive
East Syracuse, New York 13057
(315) 445-1105

Chain of Custody

Client: OBRIEN & GERE
Project: FORMER ACCURATE DIE
Sampled by: MARTIN Koenecke
Client Contact: AL FARREL Phone #

Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	TSS, TDS							Comments
EffLuent	10-28-13	7:15	water	Comp	1	1							

Relinquished by: Martin Koenecke	Date: 10-28-13	Time: 805	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by Lab: [signature]	Date: 10/28	Time: 8^00
Shipment Method: HAND			Airbill Number:		

13.6 on Ice

Turnaround Time Required:
Routine X
Rush (Specify)

Comments:

Cooler Temperature:

Original - Laboratory
Copy - Client

Life Science Laboratories, Inc.

Sample Receipt Checklist

Client Name: **OBG-MS** Date and Time Received: **10/28/2013 8:00:00 AM**

Work Order Number: **K1310289** Received by: gis

Checklist completed by: GS (Initials) 10-28-13 (Date) Reviewed by: AC (Initials) 10-28-13 (Date)

Delivery Method: Hand Delivered

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Applicable ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	
Water - VOA vials have zero headspace?	Yes ☐	No ☐	No VOA vials submitted ☑
Water - pH acceptable upon receipt?	Yes ☐	No ☐	Not Applicable ☑

Comments:

Corrective Action:

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

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

TestAmerica Job ID: 480-49692-1
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. Al Farrell

Authorized for release by:
11/18/2013 4:43:37 PM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

Melissa Deyo, Project Manager I
(716)504-9874
melissa.deyo@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
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-49692-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-49692-1

Receipt
The samples were received on 11/8/2013 2:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice.
The temperature of the cooler at receipt was 2.3º C.

GC/MS VOA
No analytical or quality issues were noted.

General Chemistry
No analytical or quality issues were noted.

Detection Summary

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

TestAmerica Job ID: 480-49692-1

Client Sample ID: Effluent — Lab Sample ID: 480-49692-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	711		10.0	4.0	mg/L	1		SM2540 C	Total/NA

Client Sample ID: Between Carbons — Lab Sample ID: 480-49692-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.9		1.0	0.81	ug/L	1		8260C	Total/NA
Trichloroethene	23		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: Effluent — Lab Sample ID: 480-49692-3

No Detections.

Client Sample ID: QC Trip Blank — Lab Sample ID: 480-49692-4

No Detections.

This Detection Summary does not include radiochemical test results.

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

TestAmerica Job ID: 480-49692-1

Client Sample ID: Effluent

Lab Sample ID: 480-49692-1

Date Collected: 11/07/13 07:10
Matrix: Water
Date Received: 11/08/13 02:30

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**711**		10.0	4.0	mg/L			11/11/13 23:36	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			11/08/13 10:55	1

Client Sample ID: Between Carbons

Lab Sample ID: 480-49692-2

Date Collected: 11/07/13 07:10
Matrix: Water
Date Received: 11/08/13 02:30

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			11/15/13 06:38	1
cis-1,2-Dichloroethene	**3.9**		1.0	0.81	ug/L			11/15/13 06:38	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/15/13 06:38	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/15/13 06:38	1
Toluene	ND		1.0	0.51	ug/L			11/15/13 06:38	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/15/13 06:38	1
Trichloroethene	**23**		1.0	0.46	ug/L			11/15/13 06:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*66 - 137*		*11/15/13 06:38*	*1*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*11/15/13 06:38*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*		*11/15/13 06:38*	*1*

Client Sample ID: Effluent

Lab Sample ID: 480-49692-3

Date Collected: 11/07/13 07:10
Matrix: Water
Date Received: 11/08/13 02:30

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			11/15/13 07:02	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/15/13 07:02	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/15/13 07:02	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/15/13 07:02	1
Toluene	ND		1.0	0.51	ug/L			11/15/13 07:02	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/15/13 07:02	1
Trichloroethene	ND		1.0	0.46	ug/L			11/15/13 07:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*66 - 137*		*11/15/13 07:02*	*1*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*11/15/13 07:02*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*		*11/15/13 07:02*	*1*

Client Sample ID: QC Trip Blank

Lab Sample ID: 480-49692-4

Date Collected: 11/07/13 00:00
Matrix: Water
Date Received: 11/08/13 02:30

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			11/15/13 07:27	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/15/13 07:27	1

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

TestAmerica Job ID: 480-49692-1

Client Sample ID: QC Trip Blank
Date Collected: 11/07/13 00:00
Date Received: 11/08/13 02:30

Lab Sample ID: 480-49692-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		1.0	0.44	ug/L			11/15/13 07:27	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/15/13 07:27	1
Toluene	ND		1.0	0.51	ug/L			11/15/13 07:27	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/15/13 07:27	1
Trichloroethene	ND		1.0	0.46	ug/L			11/15/13 07:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*66 - 137*		*11/15/13 07:27*	*1*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*11/15/13 07:27*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*		*11/15/13 07:27*	*1*

Surrogate Summary

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

TestAmerica Job ID: 480-49692-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	BFB	TOL
Lab Sample ID	Client Sample ID	(66-137)	(73-120)	(71-126)
480-49692-2	Between Carbons	98	100	95
480-49692-3	Effluent	94	98	94
480-49692-4	QC Trip Blank	96	99	95
LCS 480-152166/5	Lab Control Sample	96	104	97
MB 480-152166/7	Method Blank	94	99	97

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

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

TestAmerica Job ID: 480-49692-1

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

Lab Sample ID: MB 480-152166/7
Matrix: Water
Analysis Batch: 152166

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			11/14/13 23:07	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/14/13 23:07	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/14/13 23:07	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/14/13 23:07	1
Toluene	ND		1.0	0.51	ug/L			11/14/13 23:07	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/14/13 23:07	1
Trichloroethene	ND		1.0	0.46	ug/L			11/14/13 23:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*94*		*66 - 137*		*11/14/13 23:07*	*1*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*11/14/13 23:07*	*1*
Toluene-d8 (Surr)	*97*		*71 - 126*		*11/14/13 23:07*	*1*

Lab Sample ID: LCS 480-152166/5
Matrix: Water
Analysis Batch: 152166

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,2-Dichloroethene	25.0	25.4		ug/L		102	74 - 124
Tetrachloroethene	25.0	30.2		ug/L		121	74 - 122
Toluene	25.0	25.0		ug/L		100	80 - 122
trans-1,2-Dichloroethene	25.0	24.4		ug/L		98	73 - 127
Trichloroethene	25.0	26.9		ug/L		108	74 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*66 - 137*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*
Toluene-d8 (Surr)	*97*		*71 - 126*

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

Lab Sample ID: MB 480-150678/1
Matrix: Water
Analysis Batch: 150678

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			11/08/13 10:35	1

Lab Sample ID: LCS 480-150678/2
Matrix: Water
Analysis Batch: 150678

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	221	202.8		mg/L		92	88 - 110

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

TestAmerica Job ID: 480-49692-1

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-151344/1
Matrix: Water
Analysis Batch: 151344

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			11/11/13 23:19	1

Lab Sample ID: LCS 480-151344/2
Matrix: Water
Analysis Batch: 151344

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	466.0		mg/L		93	85 - 115		

QC Association Summary

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

TestAmerica Job ID: 480-49692-1

GC/MS VOA

Analysis Batch: 152166

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-49692-2	Between Carbons	Total/NA	Water	8260C	
480-49692-3	Effluent	Total/NA	Water	8260C	
480-49692-4	QC Trip Blank	Total/NA	Water	8260C	
LCS 480-152166/5	Lab Control Sample	Total/NA	Water	8260C	
MB 480-152166/7	Method Blank	Total/NA	Water	8260C	

General Chemistry

Analysis Batch: 150678

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-49692-1	Effluent	Total/NA	Water	SM 2540D	
LCS 480-150678/2	Lab Control Sample	Total/NA	Water	SM 2540D	
MB 480-150678/1	Method Blank	Total/NA	Water	SM 2540D	

Analysis Batch: 151344

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-49692-1	Effluent	Total/NA	Water	SM2540 C	
LCS 480-151344/2	Lab Control Sample	Total/NA	Water	SM2540 C	
MB 480-151344/1	Method Blank	Total/NA	Water	SM2540 C	

Lab Chronicle

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

TestAmerica Job ID: 480-49692-1

Client Sample ID: Effluent
Lab Sample ID: 480-49692-1
Date Collected: 11/07/13 07:10
Matrix: Water
Date Received: 11/08/13 02:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	150678	11/08/13 10:55	KJ1	TAL BUF
Total/NA	Analysis	SM2540 C		1	151344	11/11/13 23:36	KS	TAL BUF

Client Sample ID: Between Carbons
Lab Sample ID: 480-49692-2
Date Collected: 11/07/13 07:10
Matrix: Water
Date Received: 11/08/13 02:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	152166	11/15/13 06:38	LCH	TAL BUF

Client Sample ID: Effluent
Lab Sample ID: 480-49692-3
Date Collected: 11/07/13 07:10
Matrix: Water
Date Received: 11/08/13 02:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	152166	11/15/13 07:02	LCH	TAL BUF

Client Sample ID: QC Trip Blank
Lab Sample ID: 480-49692-4
Date Collected: 11/07/13 00:00
Matrix: Water
Date Received: 11/08/13 02:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	152166	11/15/13 07:27	LCH	TAL BUF

Laboratory References:

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

Certification Summary

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

TestAmerica Job ID: 480-49692-1

Laboratory: TestAmerica Buffalo

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-14
California	NELAP	9	1169CA	09-30-14
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-14
Georgia	State Program	4	N/A	03-31-14
Illinois	NELAP	5	200003	09-30-14
Iowa	State Program	7	374	03-01-15
Kansas	NELAP	7	E-10187	01-31-14
Kentucky	State Program	4	90029	12-31-13 *
Kentucky (UST)	State Program	4	30	04-01-14
Louisiana	NELAP	6	02031	06-30-14
Maine	State Program	1	NY00044	12-04-14
Maryland	State Program	3	294	03-31-14
Massachusetts	State Program	1	M-NY044	06-30-14
Michigan	State Program	5	9937	04-01-14
Minnesota	NELAP	5	036-999-337	12-31-13 *
New Hampshire	NELAP	1	2973	09-11-14
New Jersey	NELAP	2	NY455	06-30-14
New York	NELAP	2	10026	04-01-14
North Dakota	State Program	8	R-176	03-31-14
Oklahoma	State Program	6	9421	08-31-14
Oregon	NELAP	10	NY200003	06-09-14
Pennsylvania	NELAP	3	68-00281	07-31-14
Rhode Island	State Program	1	LAO00328	12-31-13
Tennessee	State Program	4	TN02970	04-01-14
Texas	NELAP	6	T104704412-11-2	07-31-14
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-14
Washington	State Program	10	C784	02-10-14
West Virginia DEP	State Program	3	252	12-31-13
Wisconsin	State Program	5	998310390	08-31-14

* Expired certification is currently pending renewal and is considered valid.

Method Summary

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

TestAmerica Job ID: 480-49692-1

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

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 = 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

TestAmerica Job ID: 480-49692-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-49692-1	Effluent	Water	11/07/13 07:10	11/08/13 02:30
480-49692-2	Between Carbons	Water	11/07/13 07:10	11/08/13 02:30
480-49692-3	Effluent	Water	11/07/13 07:10	11/08/13 02:30
480-49692-4	QC Trip Blank	Water	11/07/13 00:00	11/08/13 02:30

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: MARTIN Koenecke	Lab PM: Deyo, Melissa L	Carrier Tracking No(s):	COC No: 480-39985-10588.1
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: melissa.deyo@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 #: 11312000EST			
Email: yuri.Veliz@obg.com	WO #:			
Project Name: Former Accurate Die Cast	Project #: 48008584			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, 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~~ Effluent	11-7-13	7:10	C	Water			1	1		2	
Between Carbons	11-7-13	7:10	G	Water					3	3	
Effluent	11-7-13	7:10	G	water					3	3	
QC TRIP BLANK				water					1	1	

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 Koenecke	11-7-13 / 11:15	OBG	RENGLISH	11-7-13, 11:15	Syr
2	11-7-13	Date/Time: 19:00	Company	Received by:	Date/Time: 11-8-13 0230	Company TAL
3		Date/Time:	Company	Received by:	Date/Time:	Company

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

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-49692-1

Login Number: 49692

List Source: TestAmerica Buffalo

List Number: 1

Creator: Wienke, Robert K

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.	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	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	OBG
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

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

TestAmerica Job ID: 480-50104-1
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. Al Farrell

Authorized for release by:
11/20/2013 3:35:42 PM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

Melissa Deyo, Project Manager I
(716)504-9874
melissa.deyo@testamericainc.com

Table of Contents

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

TestAmerica Job ID: 480-50104-1

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
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

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

TestAmerica Job ID: 480-50104-1

Job ID: 480-50104-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-50104-1

Receipt
The sample was received on 11/14/2013 1:30 AM; the sample arrived in good condition, properly preserved and, where required, on ice.
The temperature of the cooler at receipt was 2.6º C.

General Chemistry
No analytical or quality issues were noted.

Detection Summary

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

TestAmerica Job ID: 480-50104-1

Client Sample ID: Effluent

Lab Sample ID: 480-50104-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	687		10.0	4.0	mg/L	1		SM2540 C	Total/NA

This Detection Summary does not include radiochemical test results.

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

TestAmerica Job ID: 480-50104-1

Client Sample ID: Effluent
Date Collected: 11/13/13 07:30
Date Received: 11/14/13 01:30

Lab Sample ID: 480-50104-1
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**687**		10.0	4.0	mg/L			11/15/13 00:53	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			11/15/13 17:50	1

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

Lab Sample ID: MB 480-152456/1
Matrix: Water
Analysis Batch: 152456

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			11/15/13 17:50	1

Lab Sample ID: LCS 480-152456/2
Matrix: Water
Analysis Batch: 152456

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	240	219.6		mg/L		91	88 - 110

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-152197/1
Matrix: Water
Analysis Batch: 152197

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			11/15/13 00:30	1

Lab Sample ID: LCS 480-152197/2
Matrix: Water
Analysis Batch: 152197

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	464.0		mg/L		92	85 - 115

QC Association Summary

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

TestAmerica Job ID: 480-50104-1

General Chemistry

Analysis Batch: 152197

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-50104-1	Effluent	Total/NA	Water	SM2540 C	
LCS 480-152197/2	Lab Control Sample	Total/NA	Water	SM2540 C	
MB 480-152197/1	Method Blank	Total/NA	Water	SM2540 C	

Analysis Batch: 152456

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-50104-1	Effluent	Total/NA	Water	SM 2540D	
LCS 480-152456/2	Lab Control Sample	Total/NA	Water	SM 2540D	
MB 480-152456/1	Method Blank	Total/NA	Water	SM 2540D	

Lab Chronicle

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

TestAmerica Job ID: 480-50104-1

Client Sample ID: Effluent
Date Collected: 11/13/13 07:30
Date Received: 11/14/13 01:30

Lab Sample ID: 480-50104-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM2540 C		1	152197	11/15/13 00:53	KS	TAL BUF
Total/NA	Analysis	SM 2540D		1	152456	11/15/13 17:50	JMB	TAL BUF

Laboratory References:

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

Certification Summary

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

TestAmerica Job ID: 480-50104-1

Laboratory: TestAmerica Buffalo

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-14
California	NELAP	9	1169CA	09-30-14
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-14
Georgia	State Program	4	N/A	03-31-14
Illinois	NELAP	5	200003	09-30-14
Iowa	State Program	7	374	03-01-15
Kansas	NELAP	7	E-10187	01-31-14
Kentucky	State Program	4	90029	12-31-13 *
Kentucky (UST)	State Program	4	30	04-01-14
Louisiana	NELAP	6	02031	06-30-14
Maine	State Program	1	NY00044	12-04-14
Maryland	State Program	3	294	03-31-14
Massachusetts	State Program	1	M-NY044	06-30-14
Michigan	State Program	5	9937	04-01-14
Minnesota	NELAP	5	036-999-337	12-31-13 *
New Hampshire	NELAP	1	2973	09-11-14
New Jersey	NELAP	2	NY455	06-30-14
New York	NELAP	2	10026	04-01-14
North Dakota	State Program	8	R-176	03-31-14
Oklahoma	State Program	6	9421	08-31-14
Oregon	NELAP	10	NY200003	06-09-14
Pennsylvania	NELAP	3	68-00281	07-31-14
Rhode Island	State Program	1	LAO00328	12-31-13
Tennessee	State Program	4	TN02970	04-01-14
Texas	NELAP	6	T104704412-11-2	07-31-14
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-14
Washington	State Program	10	C784	02-10-14
West Virginia DEP	State Program	3	252	12-31-13
Wisconsin	State Program	5	998310390	08-31-14

* Expired certification is currently pending renewal and is considered valid.

Method Summary

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

TestAmerica Job ID: 480-50104-1

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 = 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

TestAmerica Job ID: 480-50104-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-50104-1	Effluent	Water	11/13/13 07:30	11/14/13 01:30

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: Martin Kvennecke	Lab PM: Deyo, Melissa L	Carrier Tracking No(s):	COC No: 480-39982-10586.1
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: melissa.deyo@testamericainc.com		Page: Page 1 of 1
Company: O'Brien & Gere Inc of North America				Job #:
Address: 333 West Washington St. PO BOX 4873	Due Date Requested:	Analysis Requested		Preservation Codes:
City: East Syracuse	TAT Requested (days):			A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, 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 #: 11312000EST			Other:
Email: Yuri.Veliz@obg.com	WO #:			
Project Name: Former Accurate Die Cast	Project #: 48008584			
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	2540D - Total Suspended Solids	2540C_Calcd - Total Dissolved Solids	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
Effluent	11-13-13	730	Comp	Water			1	1	2	

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 Kvennecke	11-13-13 / 11:55	OBG	[illegible]	11-13-13 11:55	[illegible]
2	[illegible]	11-13-13 1900	[illegible]	[illegible]	11-14-13 0830	TAL
3						

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.6 #1

Page 13 of 14

11/20/2013

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-50104-1

Login Number: 50104

List Source: TestAmerica Buffalo

List Number: 1

Creator: Wienke, Robert K

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.	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	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	OBG
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

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

TestAmerica Job ID: 480-50366-1
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. Al Farrell

Authorized for release by:
11/27/2013 12:53:48 PM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

Melissa Deyo, Project Manager I
(716)504-9874
melissa.deyo@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
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-50366-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-50366-1

Receipt
The samples were received on 11/19/2013 2:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.6º C.

GC/MS VOA
No analytical or quality issues were noted.

General Chemistry
No analytical or quality issues were noted.

Detection Summary

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

TestAmerica Job ID: 480-50366-1

Client Sample ID: Effluent Grab — Lab Sample ID: 480-50366-1

No Detections.

Client Sample ID: Effluent Comp — Lab Sample ID: 480-50366-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	703		10.0	4.0	mg/L	1		SM2540 C	Total/NA

Client Sample ID: QC Trip Blank — Lab Sample ID: 480-50366-3

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: Effluent Grab

Lab Sample ID: 480-50366-1

Date Collected: 11/18/13 07:30
Matrix: Water
Date Received: 11/19/13 02:00

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			11/25/13 16:19	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/25/13 16:19	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/25/13 16:19	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/25/13 16:19	1
Toluene	ND		1.0	0.51	ug/L			11/25/13 16:19	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/25/13 16:19	1
Trichloroethene	ND		1.0	0.46	ug/L			11/25/13 16:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*89*		*66 - 137*		*11/25/13 16:19*	*1*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*		*11/25/13 16:19*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*		*11/25/13 16:19*	*1*

Client Sample ID: Effluent Comp

Lab Sample ID: 480-50366-2

Date Collected: 11/18/13 07:30
Matrix: Water
Date Received: 11/19/13 02:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**703**		10.0	4.0	mg/L			11/19/13 22:05	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			11/20/13 17:09	1

Client Sample ID: QC Trip Blank

Lab Sample ID: 480-50366-3

Date Collected: 11/18/13 00:00
Matrix: Water
Date Received: 11/19/13 02:00

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			11/25/13 16:43	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/25/13 16:43	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/25/13 16:43	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/25/13 16:43	1
Toluene	ND		1.0	0.51	ug/L			11/25/13 16:43	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/25/13 16:43	1
Trichloroethene	ND		1.0	0.46	ug/L			11/25/13 16:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*66 - 137*		*11/25/13 16:43*	*1*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*		*11/25/13 16:43*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*		*11/25/13 16:43*	*1*

Surrogate Summary

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

TestAmerica Job ID: 480-50366-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)		
		12DCE	BFB	TOL
Lab Sample ID	Client Sample ID	(66-137)	(73-120)	(71-126)
480-50366-1	Effluent Grab	89	93	96
480-50366-3	QC Trip Blank	91	93	95
LCS 480-154205/5	Lab Control Sample	93	96	94
MB 480-154205/8	Method Blank	92	93	96

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

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

TestAmerica Job ID: 480-50366-1

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

Lab Sample ID: MB 480-154205/8
Matrix: Water
Analysis Batch: 154205

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			11/25/13 13:25	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			11/25/13 13:25	1
Methylene Chloride	ND		1.0	0.44	ug/L			11/25/13 13:25	1
Tetrachloroethene	ND		1.0	0.36	ug/L			11/25/13 13:25	1
Toluene	ND		1.0	0.51	ug/L			11/25/13 13:25	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			11/25/13 13:25	1
Trichloroethene	ND		1.0	0.46	ug/L			11/25/13 13:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*66 - 137*		*11/25/13 13:25*	*1*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*		*11/25/13 13:25*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*		*11/25/13 13:25*	*1*

Lab Sample ID: LCS 480-154205/5
Matrix: Water
Analysis Batch: 154205

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,2-Dichloroethene	25.0	24.5		ug/L		98	74 - 124
Tetrachloroethene	25.0	25.5		ug/L		102	74 - 122
Toluene	25.0	23.6		ug/L		94	80 - 122
trans-1,2-Dichloroethene	25.0	24.6		ug/L		99	73 - 127
Trichloroethene	25.0	24.3		ug/L		97	74 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*66 - 137*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*
Toluene-d8 (Surr)	*94*		*71 - 126*

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

Lab Sample ID: MB 480-153174/1
Matrix: Water
Analysis Batch: 153174

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			11/20/13 17:03	1

Lab Sample ID: LCS 480-153174/2
Matrix: Water
Analysis Batch: 153174

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	240	228.8		mg/L		95	88 - 110

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

TestAmerica Job ID: 480-50366-1

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-153209/1
Matrix: Water
Analysis Batch: 153209

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			11/19/13 22:05	1

Lab Sample ID: LCS 480-153209/2
Matrix: Water
Analysis Batch: 153209

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Total Dissolved Solids			501	484.0		mg/L		97	85 - 115		

QC Association Summary

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

TestAmerica Job ID: 480-50366-1

GC/MS VOA

Analysis Batch: 154205

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-50366-1	Effluent Grab	Total/NA	Water	8260C	
480-50366-3	QC Trip Blank	Total/NA	Water	8260C	
LCS 480-154205/5	Lab Control Sample	Total/NA	Water	8260C	
MB 480-154205/8	Method Blank	Total/NA	Water	8260C	

General Chemistry

Analysis Batch: 153174

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-50366-2	Effluent Comp	Total/NA	Water	SM 2540D	
LCS 480-153174/2	Lab Control Sample	Total/NA	Water	SM 2540D	
MB 480-153174/1	Method Blank	Total/NA	Water	SM 2540D	

Analysis Batch: 153209

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-50366-2	Effluent Comp	Total/NA	Water	SM2540 C	
LCS 480-153209/2	Lab Control Sample	Total/NA	Water	SM2540 C	
MB 480-153209/1	Method Blank	Total/NA	Water	SM2540 C	

Lab Chronicle

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

TestAmerica Job ID: 480-50366-1

Client Sample ID: Effluent Grab

Lab Sample ID: 480-50366-1

Date Collected: 11/18/13 07:30
Matrix: Water
Date Received: 11/19/13 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	154205	11/25/13 16:19	LCH	TAL BUF

Client Sample ID: Effluent Comp

Lab Sample ID: 480-50366-2

Date Collected: 11/18/13 07:30
Matrix: Water
Date Received: 11/19/13 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	153174	11/20/13 17:09	JMB	TAL BUF
Total/NA	Analysis	SM2540 C		1	153209	11/19/13 22:05	JMB	TAL BUF

Client Sample ID: QC Trip Blank

Lab Sample ID: 480-50366-3

Date Collected: 11/18/13 00:00
Matrix: Water
Date Received: 11/19/13 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	154205	11/25/13 16:43	LCH	TAL BUF

Laboratory References:

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

Certification Summary

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

TestAmerica Job ID: 480-50366-1

Laboratory: TestAmerica Buffalo

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-14
California	NELAP	9	1169CA	09-30-14
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-14
Georgia	State Program	4	N/A	03-31-14
Illinois	NELAP	5	200003	09-30-14
Iowa	State Program	7	374	03-01-15
Kansas	NELAP	7	E-10187	01-31-14
Kentucky	State Program	4	90029	12-31-13 *
Kentucky (UST)	State Program	4	30	04-01-14
Louisiana	NELAP	6	02031	06-30-14
Maine	State Program	1	NY00044	12-04-14
Maryland	State Program	3	294	03-31-14
Massachusetts	State Program	1	M-NY044	06-30-14
Michigan	State Program	5	9937	04-01-14
Minnesota	NELAP	5	036-999-337	12-31-13 *
New Hampshire	NELAP	1	2337	11-17-14
New Jersey	NELAP	2	NY455	06-30-14
New York	NELAP	2	10026	04-01-14
North Dakota	State Program	8	R-176	03-31-14
Oklahoma	State Program	6	9421	08-31-14
Oregon	NELAP	10	NY200003	06-09-14
Pennsylvania	NELAP	3	68-00281	07-31-14
Rhode Island	State Program	1	LAO00328	12-31-13
Tennessee	State Program	4	TN02970	04-01-14
Texas	NELAP	6	T104704412-11-2	07-31-14
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-14
Washington	State Program	10	C784	02-10-14
West Virginia DEP	State Program	3	252	12-31-13
Wisconsin	State Program	5	998310390	08-31-14

* Expired certification is currently pending renewal and is considered valid.

Method Summary

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

TestAmerica Job ID: 480-50366-1

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

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 = 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

TestAmerica Job ID: 480-50366-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-50366-1	Effluent Grab	Water	11/18/13 07:30	11/19/13 02:00
480-50366-2	Effluent Comp	Water	11/18/13 07:30	11/19/13 02:00
480-50366-3	QC Trip Blank	Water	11/18/13 00:00	11/19/13 02:00

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: MARTIN Koennecke	Lab PM: Deyo, Melissa L	Carrier Tracking No(s):	COC No: 480-39984-10587.1
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: melissa.deyo@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 #: 11312000EST			
Email: Yuri.Veliz@obg.com	WO #:			
Project Name: Former Accurate Die Cast	Project #: 48008584			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
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	11-18-13	730	G	Water					3	3	
EFFLUENT	11-18-13	730	C	water			1	1		2	
QC TRIP BLANK									1	1	

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

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

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

Special Instructions/QC Requirements:

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

	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by: Martin Koennecke	11-18-13 / 1035	OBG		11-18-13 1030	
Relinquished by:	Date/Time: 11-18-13 19:00	Company	Received by:	Date/Time: 11-19-13 0200	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 2.5 H1

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-50366-1

Login Number: 50366

List Source: TestAmerica Buffalo

List Number: 1

Creator: Wienke, Robert K

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.	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	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	OBG
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

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

TestAmerica Job ID: 480-50964-1
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. Al Farrell

Authorized for release by:
12/2/2013 4:56:30 PM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

Melissa Deyo, Project Manager I
(716)504-9874
melissa.deyo@testamericainc.com

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

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

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

Table of Contents

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

TestAmerica Job ID: 480-50964-1

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
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-50964-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-50964-1

Receipt
The sample was received on 11/27/2013 3:30 AM; the sample arrived in good condition, properly preserved and, where required, on ice.
The temperature of the cooler at receipt was 2.7º C.

General Chemistry
No analytical or quality issues were noted.

Detection Summary

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

TestAmerica Job ID: 480-50964-1

Client Sample ID: Effluent

Lab Sample ID: 480-50964-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	679		10.0	4.0	mg/L	1		SM2540 C	Total/NA

This Detection Summary does not include radiochemical test results.

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

TestAmerica Job ID: 480-50964-1

Client Sample ID: Effluent
Date Collected: 11/26/13 08:00
Date Received: 11/27/13 03:30

Lab Sample ID: 480-50964-1
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**679**		10.0	4.0	mg/L			11/27/13 18:02	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			11/29/13 17:11	1

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

TestAmerica Job ID: 480-50964-1

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

Lab Sample ID: MB 480-154964/1
Matrix: Water
Analysis Batch: 154964

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			11/29/13 17:11	1

Lab Sample ID: LCS 480-154964/2
Matrix: Water
Analysis Batch: 154964

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	236	219.2		mg/L		93	88 - 110

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-154791/1
Matrix: Water
Analysis Batch: 154791

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			11/27/13 18:02	1

Lab Sample ID: LCS 480-154791/2
Matrix: Water
Analysis Batch: 154791

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	501	486.0		mg/L		97	85 - 115

QC Association Summary

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

TestAmerica Job ID: 480-50964-1

General Chemistry

Analysis Batch: 154791

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-50964-1	Effluent	Total/NA	Water	SM2540 C	
LCS 480-154791/2	Lab Control Sample	Total/NA	Water	SM2540 C	
MB 480-154791/1	Method Blank	Total/NA	Water	SM2540 C	

Analysis Batch: 154964

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-50964-1	Effluent	Total/NA	Water	SM 2540D	
LCS 480-154964/2	Lab Control Sample	Total/NA	Water	SM 2540D	
MB 480-154964/1	Method Blank	Total/NA	Water	SM 2540D	

Lab Chronicle

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

TestAmerica Job ID: 480-50964-1

Client Sample ID: Effluent
Date Collected: 11/26/13 08:00
Date Received: 11/27/13 03:30

Lab Sample ID: 480-50964-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM2540 C		1	154791	11/27/13 18:02	JMB	TAL BUF
Total/NA	Analysis	SM 2540D		1	154964	11/29/13 17:11	JMB	TAL BUF

Laboratory References:

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

Certification Summary

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

TestAmerica Job ID: 480-50964-1

Laboratory: TestAmerica Buffalo

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-14
California	NELAP	9	1169CA	09-30-14
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-14
Georgia	State Program	4	N/A	03-31-14
Illinois	NELAP	5	200003	09-30-14
Iowa	State Program	7	374	03-01-15
Kansas	NELAP	7	E-10187	01-31-14
Kentucky	State Program	4	90029	12-31-13 *
Kentucky (UST)	State Program	4	30	04-01-14
Louisiana	NELAP	6	02031	06-30-14
Maine	State Program	1	NY00044	12-04-14
Maryland	State Program	3	294	03-31-14
Massachusetts	State Program	1	M-NY044	06-30-14
Michigan	State Program	5	9937	04-01-14
Minnesota	NELAP	5	036-999-337	12-31-13 *
New Hampshire	NELAP	1	2337	11-17-14
New Jersey	NELAP	2	NY455	06-30-14
New York	NELAP	2	10026	04-01-14
North Dakota	State Program	8	R-176	03-31-14
Oklahoma	State Program	6	9421	08-31-14
Oregon	NELAP	10	NY200003	06-09-14
Pennsylvania	NELAP	3	68-00281	07-31-14
Rhode Island	State Program	1	LAO00328	12-31-13
Tennessee	State Program	4	TN02970	04-01-14
Texas	NELAP	6	T104704412-11-2	07-31-14
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-14
Washington	State Program	10	C784	02-10-14
West Virginia DEP	State Program	3	252	12-31-13
Wisconsin	State Program	5	998310390	08-31-14

* Expired certification is currently pending renewal and is considered valid.

Method Summary

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

TestAmerica Job ID: 480-50964-1

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 = 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

TestAmerica Job ID: 480-50964-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-50964-1	Effluent	Water	11/26/13 08:00	11/27/13 03:30

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: MARTIN Koennecke	Lab PM: Deyo, Melissa L	Carrier Tracking No(s):	COC No: 480-39983-10586.1
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: melissa.deyo@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 #: 11312000EST			
Email: Yuri.Veliz@obg.com	WO #:			
Project Name: Former Accurate Die Cast	Project #: 48008584			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
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	11-26-13	8:00	C	Water			1	1	2	

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	11-26-13 / 1030	OBG		11-26-13	
2		11-26-13 19:00			11-27-13 0330	
3		Date/Time:	Company	Received by:	Date/Time:	Company

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

Cooler Temperature(s) °C and Other Remarks: 2.7+1

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-50964-1

Login Number: 50964

List Source: TestAmerica Buffalo

List Number: 1

Creator: Wienke, Robert K

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.	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	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	OBG
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

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

TestAmerica Job ID: 480-51212-1
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. Al Farrell

Authorized for release by:
12/10/2013 4:26:28 PM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

Melissa Deyo, Project Manager I
(716)504-9874
melissa.deyo@testamericainc.com

Table of Contents

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
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-51212-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-51212-1

Receipt
The samples were received on 12/4/2013 2:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice.
The temperature of the cooler at receipt was 2.7º C.

GC/MS VOA
No analytical or quality issues were noted.

General Chemistry
No analytical or quality issues were noted.

Detection Summary

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

TestAmerica Job ID: 480-51212-1

Client Sample ID: Effluent — Lab Sample ID: 480-51212-1

No Detections.

Client Sample ID: Between Carbons — Lab Sample ID: 480-51212-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.34	J	1.0	0.29	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	5.7		1.0	0.81	ug/L	1		8260C	Total/NA
Trichloroethene	65		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: Effluent — Lab Sample ID: 480-51212-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	673		10.0	4.0	mg/L	1		SM2540 C	Total/NA

Client Sample ID: QC Trip Blank — Lab Sample ID: 480-51212-4

No Detections.

This Detection Summary does not include radiochemical test results.

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

TestAmerica Job ID: 480-51212-1

Client Sample ID: Effluent
Date Collected: 12/03/13 08:00
Date Received: 12/04/13 02:00

Lab Sample ID: 480-51212-1
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			12/04/13 18:31	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/04/13 18:31	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/04/13 18:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/04/13 18:31	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/04/13 18:31	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/04/13 18:31	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/04/13 18:31	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/04/13 18:31	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/04/13 18:31	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/04/13 18:31	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/04/13 18:31	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/04/13 18:31	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/04/13 18:31	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/04/13 18:31	1
2-Hexanone	ND		5.0	1.2	ug/L			12/04/13 18:31	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/04/13 18:31	1
Acetone	ND		10	3.0	ug/L			12/04/13 18:31	1
Benzene	ND		1.0	0.41	ug/L			12/04/13 18:31	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/04/13 18:31	1
Bromoform	ND		1.0	0.26	ug/L			12/04/13 18:31	1
Bromomethane	ND		1.0	0.69	ug/L			12/04/13 18:31	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/04/13 18:31	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/04/13 18:31	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/04/13 18:31	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/04/13 18:31	1
Chloroethane	ND		1.0	0.32	ug/L			12/04/13 18:31	1
Chloroform	ND		1.0	0.34	ug/L			12/04/13 18:31	1
Chloromethane	ND		1.0	0.35	ug/L			12/04/13 18:31	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/04/13 18:31	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/04/13 18:31	1
Cyclohexane	ND		1.0	0.18	ug/L			12/04/13 18:31	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/04/13 18:31	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/04/13 18:31	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/04/13 18:31	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/04/13 18:31	1
Methyl acetate	ND		1.0	0.50	ug/L			12/04/13 18:31	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/04/13 18:31	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/04/13 18:31	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/04/13 18:31	1
Styrene	ND		1.0	0.73	ug/L			12/04/13 18:31	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/04/13 18:31	1
Toluene	ND		1.0	0.51	ug/L			12/04/13 18:31	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/04/13 18:31	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/04/13 18:31	1
Trichloroethene	ND		1.0	0.46	ug/L			12/04/13 18:31	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/04/13 18:31	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/04/13 18:31	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/04/13 18:31	1

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

TestAmerica Job ID: 480-51212-1

Client Sample ID: Effluent

Lab Sample ID: 480-51212-1

Date Collected: 12/03/13 08:00

Matrix: Water

Date Received: 12/04/13 02:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*99*		*71 - 126*		*12/04/13 18:31*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*66 - 137*		*12/04/13 18:31*	*1*
4-Bromofluorobenzene (Surr)	*91*		*73 - 120*		*12/04/13 18:31*	*1*

Client Sample ID: Between Carbons

Lab Sample ID: 480-51212-2

Date Collected: 12/03/13 08:00

Matrix: Water

Date Received: 12/04/13 02:00

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			12/04/13 18:54	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/04/13 18:54	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/04/13 18:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/04/13 18:54	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/04/13 18:54	1
1,1-Dichloroethene	**0.34**	**J**	1.0	0.29	ug/L			12/04/13 18:54	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/04/13 18:54	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/04/13 18:54	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/04/13 18:54	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/04/13 18:54	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/04/13 18:54	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/04/13 18:54	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/04/13 18:54	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/04/13 18:54	1
2-Hexanone	ND		5.0	1.2	ug/L			12/04/13 18:54	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/04/13 18:54	1
Acetone	ND		10	3.0	ug/L			12/04/13 18:54	1
Benzene	ND		1.0	0.41	ug/L			12/04/13 18:54	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/04/13 18:54	1
Bromoform	ND		1.0	0.26	ug/L			12/04/13 18:54	1
Bromomethane	ND		1.0	0.69	ug/L			12/04/13 18:54	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/04/13 18:54	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/04/13 18:54	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/04/13 18:54	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/04/13 18:54	1
Chloroethane	ND		1.0	0.32	ug/L			12/04/13 18:54	1
Chloroform	ND		1.0	0.34	ug/L			12/04/13 18:54	1
Chloromethane	ND		1.0	0.35	ug/L			12/04/13 18:54	1
cis-1,2-Dichloroethene	**5.7**		1.0	0.81	ug/L			12/04/13 18:54	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/04/13 18:54	1
Cyclohexane	ND		1.0	0.18	ug/L			12/04/13 18:54	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/04/13 18:54	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/04/13 18:54	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/04/13 18:54	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/04/13 18:54	1
Methyl acetate	ND		1.0	0.50	ug/L			12/04/13 18:54	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/04/13 18:54	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/04/13 18:54	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/04/13 18:54	1
Styrene	ND		1.0	0.73	ug/L			12/04/13 18:54	1

Client Sample ID: Between Carbons

Lab Sample ID: 480-51212-2

Date Collected: 12/03/13 08:00

Matrix: Water

Date Received: 12/04/13 02:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		1.0	0.36	ug/L			12/04/13 18:54	1
Toluene	ND		1.0	0.51	ug/L			12/04/13 18:54	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/04/13 18:54	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/04/13 18:54	1
Trichloroethene	**65**		1.0	0.46	ug/L			12/04/13 18:54	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/04/13 18:54	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/04/13 18:54	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/04/13 18:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*71 - 126*		*12/04/13 18:54*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*66 - 137*		*12/04/13 18:54*	*1*
4-Bromofluorobenzene (Surr)	*92*		*73 - 120*		*12/04/13 18:54*	*1*

Client Sample ID: Effluent

Lab Sample ID: 480-51212-3

Date Collected: 12/03/13 08:00

Matrix: Water

Date Received: 12/04/13 02:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**673**		10.0	4.0	mg/L			12/06/13 18:30	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			12/04/13 15:24	1

Client Sample ID: QC Trip Blank

Lab Sample ID: 480-51212-4

Date Collected: 12/03/13 00:00

Matrix: Water

Date Received: 12/04/13 02:00

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			12/04/13 19:19	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/04/13 19:19	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/04/13 19:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/04/13 19:19	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/04/13 19:19	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/04/13 19:19	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/04/13 19:19	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/04/13 19:19	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/04/13 19:19	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/04/13 19:19	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/04/13 19:19	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/04/13 19:19	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/04/13 19:19	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/04/13 19:19	1
2-Hexanone	ND		5.0	1.2	ug/L			12/04/13 19:19	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/04/13 19:19	1
Acetone	ND		10	3.0	ug/L			12/04/13 19:19	1
Benzene	ND		1.0	0.41	ug/L			12/04/13 19:19	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/04/13 19:19	1
Bromoform	ND		1.0	0.26	ug/L			12/04/13 19:19	1

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

TestAmerica Job ID: 480-51212-1

Client Sample ID: QC Trip Blank
Date Collected: 12/03/13 00:00
Date Received: 12/04/13 02:00

Lab Sample ID: 480-51212-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		1.0	0.69	ug/L			12/04/13 19:19	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/04/13 19:19	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/04/13 19:19	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/04/13 19:19	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/04/13 19:19	1
Chloroethane	ND		1.0	0.32	ug/L			12/04/13 19:19	1
Chloroform	ND		1.0	0.34	ug/L			12/04/13 19:19	1
Chloromethane	ND		1.0	0.35	ug/L			12/04/13 19:19	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/04/13 19:19	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/04/13 19:19	1
Cyclohexane	ND		1.0	0.18	ug/L			12/04/13 19:19	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/04/13 19:19	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/04/13 19:19	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/04/13 19:19	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/04/13 19:19	1
Methyl acetate	ND		1.0	0.50	ug/L			12/04/13 19:19	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/04/13 19:19	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/04/13 19:19	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/04/13 19:19	1
Styrene	ND		1.0	0.73	ug/L			12/04/13 19:19	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/04/13 19:19	1
Toluene	ND		1.0	0.51	ug/L			12/04/13 19:19	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/04/13 19:19	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/04/13 19:19	1
Trichloroethene	ND		1.0	0.46	ug/L			12/04/13 19:19	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/04/13 19:19	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/04/13 19:19	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/04/13 19:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*71 - 126*		*12/04/13 19:19*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*66 - 137*		*12/04/13 19:19*	*1*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*		*12/04/13 19:19*	*1*

Surrogate Summary

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

TestAmerica Job ID: 480-51212-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)		
		TOL	12DCE	BFB
Lab Sample ID	Client Sample ID	(71-126)	(66-137)	(73-120)
480-51212-1	Effluent	99	93	91
480-51212-2	Between Carbons	97	93	92
480-51212-4	QC Trip Blank	98	94	93
LCS 480-155572/7	Lab Control Sample	100	94	96
MB 480-155572/6	Method Blank	99	93	92

Surrogate Legend

TOL = Toluene-d8 (Surr)

12DCE = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

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

TestAmerica Job ID: 480-51212-1

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

Lab Sample ID: MB 480-155572/6
Matrix: Water
Analysis Batch: 155572

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			12/04/13 12:45	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/04/13 12:45	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/04/13 12:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/04/13 12:45	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/04/13 12:45	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/04/13 12:45	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/04/13 12:45	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/04/13 12:45	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/04/13 12:45	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/04/13 12:45	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/04/13 12:45	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/04/13 12:45	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/04/13 12:45	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/04/13 12:45	1
2-Hexanone	ND		5.0	1.2	ug/L			12/04/13 12:45	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/04/13 12:45	1
Acetone	ND		10	3.0	ug/L			12/04/13 12:45	1
Benzene	ND		1.0	0.41	ug/L			12/04/13 12:45	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/04/13 12:45	1
Bromoform	ND		1.0	0.26	ug/L			12/04/13 12:45	1
Bromomethane	ND		1.0	0.69	ug/L			12/04/13 12:45	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/04/13 12:45	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/04/13 12:45	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/04/13 12:45	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/04/13 12:45	1
Chloroethane	ND		1.0	0.32	ug/L			12/04/13 12:45	1
Chloroform	ND		1.0	0.34	ug/L			12/04/13 12:45	1
Chloromethane	ND		1.0	0.35	ug/L			12/04/13 12:45	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/04/13 12:45	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/04/13 12:45	1
Cyclohexane	ND		1.0	0.18	ug/L			12/04/13 12:45	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/04/13 12:45	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/04/13 12:45	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/04/13 12:45	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/04/13 12:45	1
Methyl acetate	ND		1.0	0.50	ug/L			12/04/13 12:45	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/04/13 12:45	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/04/13 12:45	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/04/13 12:45	1
Styrene	ND		1.0	0.73	ug/L			12/04/13 12:45	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/04/13 12:45	1
Toluene	ND		1.0	0.51	ug/L			12/04/13 12:45	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/04/13 12:45	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/04/13 12:45	1
Trichloroethene	ND		1.0	0.46	ug/L			12/04/13 12:45	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/04/13 12:45	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/04/13 12:45	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/04/13 12:45	1

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

Lab Sample ID: MB 480-155572/6
Matrix: Water
Analysis Batch: 155572

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*99*		*71 - 126*		*12/04/13 12:45*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*66 - 137*		*12/04/13 12:45*	*1*
4-Bromofluorobenzene (Surr)	*92*		*73 - 120*		*12/04/13 12:45*	*1*

Lab Sample ID: LCS 480-155572/7
Matrix: Water
Analysis Batch: 155572

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	23.9		ug/L		96	71 - 129
1,1-Dichloroethene	25.0	23.1		ug/L		92	58 - 121
1,2-Dichlorobenzene	25.0	26.0		ug/L		104	80 - 124
1,2-Dichloroethane	25.0	24.3		ug/L		97	75 - 127
Benzene	25.0	25.1		ug/L		100	71 - 124
Chlorobenzene	25.0	27.0		ug/L		108	72 - 120
cis-1,2-Dichloroethene	25.0	26.2		ug/L		105	74 - 124
Ethylbenzene	25.0	25.0		ug/L		100	77 - 123
Methyl tert-butyl ether	25.0	24.7		ug/L		99	64 - 127
Tetrachloroethene	25.0	28.2		ug/L		113	74 - 122
Toluene	25.0	24.9		ug/L		100	80 - 122
trans-1,2-Dichloroethene	25.0	24.9		ug/L		100	73 - 127
Trichloroethene	25.0	25.4		ug/L		101	74 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	*100*		*71 - 126*
1,2-Dichloroethane-d4 (Surr)	*94*		*66 - 137*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*

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

Lab Sample ID: MB 480-155663/1
Matrix: Water
Analysis Batch: 155663

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			12/04/13 15:24	1

Lab Sample ID: LCS 480-155663/2
Matrix: Water
Analysis Batch: 155663

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	228	209.2		mg/L		92	88 - 110

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

TestAmerica Job ID: 480-51212-1

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-156244/1
Matrix: Water
Analysis Batch: 156244

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			12/06/13 18:25	1

Lab Sample ID: LCS 480-156244/2
Matrix: Water
Analysis Batch: 156244

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	507.0		mg/L		101	85 - 115		

QC Association Summary

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

TestAmerica Job ID: 480-51212-1

GC/MS VOA

Analysis Batch: 155572

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-51212-1	Effluent	Total/NA	Water	8260C	
480-51212-2	Between Carbons	Total/NA	Water	8260C	
480-51212-4	QC Trip Blank	Total/NA	Water	8260C	
LCS 480-155572/7	Lab Control Sample	Total/NA	Water	8260C	
MB 480-155572/6	Method Blank	Total/NA	Water	8260C	

General Chemistry

Analysis Batch: 155663

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-51212-3	Effluent	Total/NA	Water	SM 2540D	
LCS 480-155663/2	Lab Control Sample	Total/NA	Water	SM 2540D	
MB 480-155663/1	Method Blank	Total/NA	Water	SM 2540D	

Analysis Batch: 156244

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-51212-3	Effluent	Total/NA	Water	SM2540 C	
LCS 480-156244/2	Lab Control Sample	Total/NA	Water	SM2540 C	
MB 480-156244/1	Method Blank	Total/NA	Water	SM2540 C	

Lab Chronicle

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

TestAmerica Job ID: 480-51212-1

Client Sample ID: Effluent
Lab Sample ID: 480-51212-1
Date Collected: 12/03/13 08:00
Matrix: Water
Date Received: 12/04/13 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	155572	12/04/13 18:31	RAL	TAL BUF

Client Sample ID: Between Carbons
Lab Sample ID: 480-51212-2
Date Collected: 12/03/13 08:00
Matrix: Water
Date Received: 12/04/13 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	155572	12/04/13 18:54	RAL	TAL BUF

Client Sample ID: Effluent
Lab Sample ID: 480-51212-3
Date Collected: 12/03/13 08:00
Matrix: Water
Date Received: 12/04/13 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	155663	12/04/13 15:24	JMB	TAL BUF
Total/NA	Analysis	SM2540 C		1	156244	12/06/13 18:30	KS	TAL BUF

Client Sample ID: QC Trip Blank
Lab Sample ID: 480-51212-4
Date Collected: 12/03/13 00:00
Matrix: Water
Date Received: 12/04/13 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	155572	12/04/13 19:19	RAL	TAL BUF

Laboratory References:

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

Certification Summary

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

TestAmerica Job ID: 480-51212-1

Laboratory: TestAmerica Buffalo

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-14
California	NELAP	9	1169CA	09-30-14
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-14
Georgia	State Program	4	N/A	03-31-14
Illinois	NELAP	5	200003	09-30-14
Iowa	State Program	7	374	03-01-15
Kansas	NELAP	7	E-10187	01-31-14
Kentucky	State Program	4	90029	12-31-13 *
Kentucky (UST)	State Program	4	30	04-01-14
Louisiana	NELAP	6	02031	06-30-14
Maine	State Program	1	NY00044	12-04-14
Maryland	State Program	3	294	03-31-14
Massachusetts	State Program	1	M-NY044	06-30-14
Michigan	State Program	5	9937	04-01-14
Minnesota	NELAP	5	036-999-337	12-31-13 *
New Hampshire	NELAP	1	2337	11-17-14
New Jersey	NELAP	2	NY455	06-30-14
New York	NELAP	2	10026	04-01-14
North Dakota	State Program	8	R-176	03-31-14
Oklahoma	State Program	6	9421	08-31-14
Oregon	NELAP	10	NY200003	06-09-14
Pennsylvania	NELAP	3	68-00281	07-31-14
Rhode Island	State Program	1	LAO00328	12-31-13 *
Tennessee	State Program	4	TN02970	04-01-14
Texas	NELAP	6	T104704412-11-2	07-31-14
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-14
Washington	State Program	10	C784	02-10-14
West Virginia DEP	State Program	3	252	12-31-13 *
Wisconsin	State Program	5	998310390	08-31-14

* Expired certification is currently pending renewal and is considered valid.

Method Summary

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

TestAmerica Job ID: 480-51212-1

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

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 = 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

TestAmerica Job ID: 480-51212-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-51212-1	Effluent	Water	12/03/13 08:00	12/04/13 02:00
480-51212-2	Between Carbons	Water	12/03/13 08:00	12/04/13 02:00
480-51212-3	Effluent	Water	12/03/13 08:00	12/04/13 02:00
480-51212-4	QC Trip Blank	Water	12/03/13 00:00	12/04/13 02:00

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: MARTIN Koennecke	Lab PM: Deyo, Melissa L	Carrier Tracking No(s):	COC No: 480-39986-10588.1
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: melissa.deyo@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 #: 11312000EST			
Email: yuri.Veliz@obg.com	WO #:			
Project Name: Former Accurate Die Cast	Project #: 48008584			
State:	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 - Na2S2SO3
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	12-3-13	8:00	G	Water					3	3	
Between Carbons	12-3-13	8:00	G	Water					3	3	
Effluent	12-3-13	8:00	C	water			1	1		2	
QC TRIP BLANK				water					1	1	

Possible Hazard Identification

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

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

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

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: Martin Koennecke	Date/Time: 12-3-13 / 9:45	Company OBG	Received by:	Date/Time: 12-3-13 9:45	Company SyR
Relinquished by:	Date/Time: 12-3-13, 1902	Company SyR	Received by:	Date/Time: 12.4.13 0200	Company TAL
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes, Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 2.7 #1

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-51212-1

Login Number: 51212

List Source: TestAmerica Buffalo

List Number: 1

Creator: Wienke, Robert K

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.	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	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	OBG
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

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

TestAmerica Job ID: 480-51643-1
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. Al Farrell

Authorized for release by:
12/12/2013 6:08:43 PM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

Melissa Deyo, Project Manager I
(716)504-9874
melissa.deyo@testamericainc.com

Table of Contents

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

TestAmerica Job ID: 480-51643-1

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
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-51643-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-51643-1

Receipt
The sample was received on 12/10/2013 2:45 AM; the sample arrived in good condition, properly preserved and, where required, on ice.
The temperature of the cooler at receipt was 2.8º C.

General Chemistry
No analytical or quality issues were noted.

Detection Summary

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

TestAmerica Job ID: 480-51643-1

Client Sample ID: Effluent

Lab Sample ID: 480-51643-1

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

This Detection Summary does not include radiochemical test results.

Client Sample Results

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

TestAmerica Job ID: 480-51643-1

Client Sample ID: Effluent
Date Collected: 12/09/13 07:30
Date Received: 12/10/13 02:45

Lab Sample ID: 480-51643-1
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**701**		10.0	4.0	mg/L			12/10/13 21:28	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			12/10/13 16:38	1

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

TestAmerica Job ID: 480-51643-1

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

Lab Sample ID: MB 480-156840/1
Matrix: Water
Analysis Batch: 156840

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			12/10/13 16:24	1

Lab Sample ID: LCS 480-156840/2
Matrix: Water
Analysis Batch: 156840

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	228	217.6		mg/L		95	88 - 110

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-156849/1
Matrix: Water
Analysis Batch: 156849

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			12/10/13 21:25	1

Lab Sample ID: LCS 480-156849/2
Matrix: Water
Analysis Batch: 156849

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	493.0		mg/L		98	85 - 115

QC Association Summary

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

TestAmerica Job ID: 480-51643-1

General Chemistry

Analysis Batch: 156840

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-51643-1	Effluent	Total/NA	Water	SM 2540D	
LCS 480-156840/2	Lab Control Sample	Total/NA	Water	SM 2540D	
MB 480-156840/1	Method Blank	Total/NA	Water	SM 2540D	

Analysis Batch: 156849

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-51643-1	Effluent	Total/NA	Water	SM2540 C	
LCS 480-156849/2	Lab Control Sample	Total/NA	Water	SM2540 C	
MB 480-156849/1	Method Blank	Total/NA	Water	SM2540 C	

Lab Chronicle

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

TestAmerica Job ID: 480-51643-1

Client Sample ID: Effluent
Date Collected: 12/09/13 07:30
Date Received: 12/10/13 02:45

Lab Sample ID: 480-51643-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	156840	12/10/13 16:38	KS	TAL BUF
Total/NA	Analysis	SM2540 C		1	156849	12/10/13 21:28	KS	TAL BUF

Laboratory References:

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

Certification Summary

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

TestAmerica Job ID: 480-51643-1

Laboratory: TestAmerica Buffalo

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-14
California	NELAP	9	1169CA	09-30-14
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-14
Georgia	State Program	4	N/A	03-31-14
Illinois	NELAP	5	200003	09-30-14
Iowa	State Program	7	374	03-01-15
Kansas	NELAP	7	E-10187	01-31-14
Kentucky	State Program	4	90029	12-31-13 *
Kentucky (UST)	State Program	4	30	04-01-14
Louisiana	NELAP	6	02031	06-30-14
Maine	State Program	1	NY00044	12-04-14
Maryland	State Program	3	294	03-31-14
Massachusetts	State Program	1	M-NY044	06-30-14
Michigan	State Program	5	9937	04-01-14
Minnesota	NELAP	5	036-999-337	12-31-13 *
New Hampshire	NELAP	1	2337	11-17-14
New Jersey	NELAP	2	NY455	06-30-14
New York	NELAP	2	10026	04-01-14
North Dakota	State Program	8	R-176	03-31-14
Oklahoma	State Program	6	9421	08-31-14
Oregon	NELAP	10	NY200003	06-09-14
Pennsylvania	NELAP	3	68-00281	07-31-14
Rhode Island	State Program	1	LAO00328	12-31-13 *
Tennessee	State Program	4	TN02970	04-01-14
Texas	NELAP	6	T104704412-11-2	07-31-14
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-14
Washington	State Program	10	C784	02-10-14
West Virginia DEP	State Program	3	252	12-31-13 *
Wisconsin	State Program	5	998310390	08-31-14

* Expired certification is currently pending renewal and is considered valid.

Method Summary

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

TestAmerica Job ID: 480-51643-1

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 = 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

TestAmerica Job ID: 480-51643-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-51643-1	Effluent	Water	12/09/13 07:30	12/10/13 02:45

Chain of Custody Record

TestAmerica
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Client Information	Sampler: Martin Koennecke	Lab PM: Deyo, Melissa L	Carrier Tracking No(s):	COC No: 480-39988-10586.1
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: melissa.deyo@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:	
City: East Syracuse	TAT Requested (days):	
State, Zip: NY, 13221		
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: 11312000EST	
Email: Yuri.Veliz@obg.com	WO #:	
Project Name: Former Accurate Die Cast	Project #: 48008584	
Site:	SSOW#:	

480-51643 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 - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	2540D - Total Suspended Solids	2540C_Calcd - Total Dissolved Solids	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
Effluent	12-9-13	730	C	Water			1	1	2	

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: 12-9-13 1030	Company OBG	Received by:	Date/Time: 12-9-13 1030	Company
Relinquished by: 12-9-13	Date/Time: 1900	Company	Received by:	Date/Time: 12-10-13 0245	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

12/12/2013

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-51643-1

Login Number: 51643

List Source: TestAmerica Buffalo

List Number: 1

Creator: Wienke, Robert K

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.	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	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	OBG
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

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

TestAmerica Job ID: 480-52449-1
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. Al Farrell

Authorized for release by:
1/6/2014 9:56:26 AM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

Melissa Deyo, Project Manager I
(716)504-9874
melissa.deyo@testamericainc.com

Table of Contents

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits

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
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-52449-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-52449-1

Receipt
The samples were received on 12/21/2013 2:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.8º C.

GC/MS VOA
Method(s) 8260C: The Matrix Spike Blank recovery was above TestAmerica's statistically developed internal laboratory QC limits for Chloromethane. This analyte was not a requested spiking compound; therefore the recovery is being reported for advisory purposes only. All other quality control indicators, including the continuing calibration verification, were within method prescribed limits for this analyte.

No other analytical or quality issues were noted.

General Chemistry
No analytical or quality issues were noted.

Detection Summary

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

TestAmerica Job ID: 480-52449-1

Client Sample ID: Effluent — Lab Sample ID: 480-52449-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	677		10.0	4.0	mg/L	1		SM2540 C	Total/NA

Client Sample ID: Effluent — Lab Sample ID: 480-52449-2

No Detections.

Client Sample ID: QC Trip Blank — Lab Sample ID: 480-52449-3

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: Effluent

Lab Sample ID: 480-52449-1

Date Collected: 12/20/13 08:30

Matrix: Water

Date Received: 12/21/13 02:00

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**677**		10.0	4.0	mg/L			12/24/13 17:48	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			12/24/13 15:24	1

Client Sample ID: Effluent

Lab Sample ID: 480-52449-2

Date Collected: 12/20/13 08:30

Matrix: Water

Date Received: 12/21/13 02:00

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			01/02/14 18:19	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/02/14 18:19	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/02/14 18:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			01/02/14 18:19	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/02/14 18:19	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/02/14 18:19	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/02/14 18:19	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			01/02/14 18:19	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/02/14 18:19	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/02/14 18:19	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/02/14 18:19	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/02/14 18:19	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/02/14 18:19	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/02/14 18:19	1
2-Hexanone	ND		5.0	1.2	ug/L			01/02/14 18:19	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/02/14 18:19	1
Acetone	ND		10	3.0	ug/L			01/02/14 18:19	1
Benzene	ND		1.0	0.41	ug/L			01/02/14 18:19	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/02/14 18:19	1
Bromoform	ND		1.0	0.26	ug/L			01/02/14 18:19	1
Bromomethane	ND		1.0	0.69	ug/L			01/02/14 18:19	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/02/14 18:19	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/02/14 18:19	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/02/14 18:19	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/02/14 18:19	1
Chloroethane	ND		1.0	0.32	ug/L			01/02/14 18:19	1
Chloroform	ND		1.0	0.34	ug/L			01/02/14 18:19	1
Chloromethane	ND	*	1.0	0.35	ug/L			01/02/14 18:19	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/02/14 18:19	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/02/14 18:19	1
Cyclohexane	ND		1.0	0.18	ug/L			01/02/14 18:19	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/02/14 18:19	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/02/14 18:19	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			01/02/14 18:19	1
Isopropylbenzene	ND		1.0	0.79	ug/L			01/02/14 18:19	1
Methyl acetate	ND		1.0	0.50	ug/L			01/02/14 18:19	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/02/14 18:19	1
Methylcyclohexane	ND		1.0	0.16	ug/L			01/02/14 18:19	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/02/14 18:19	1

Client Sample ID: Effluent
Date Collected: 12/20/13 08:30
Date Received: 12/21/13 02:00

Lab Sample ID: 480-52449-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		1.0	0.73	ug/L			01/02/14 18:19	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/02/14 18:19	1
Toluene	ND		1.0	0.51	ug/L			01/02/14 18:19	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/02/14 18:19	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/02/14 18:19	1
Trichloroethene	ND		1.0	0.46	ug/L			01/02/14 18:19	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			01/02/14 18:19	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/02/14 18:19	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/02/14 18:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*71 - 126*		*01/02/14 18:19*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*66 - 137*		*01/02/14 18:19*	*1*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*01/02/14 18:19*	*1*

Client Sample ID: QC Trip Blank
Date Collected: 12/20/13 00:00
Date Received: 12/21/13 02:00

Lab Sample ID: 480-52449-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			01/02/14 18:40	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/02/14 18:40	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/02/14 18:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			01/02/14 18:40	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/02/14 18:40	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/02/14 18:40	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/02/14 18:40	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			01/02/14 18:40	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/02/14 18:40	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/02/14 18:40	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/02/14 18:40	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/02/14 18:40	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/02/14 18:40	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/02/14 18:40	1
2-Hexanone	ND		5.0	1.2	ug/L			01/02/14 18:40	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/02/14 18:40	1
Acetone	ND		10	3.0	ug/L			01/02/14 18:40	1
Benzene	ND		1.0	0.41	ug/L			01/02/14 18:40	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/02/14 18:40	1
Bromoform	ND		1.0	0.26	ug/L			01/02/14 18:40	1
Bromomethane	ND		1.0	0.69	ug/L			01/02/14 18:40	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/02/14 18:40	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/02/14 18:40	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/02/14 18:40	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/02/14 18:40	1
Chloroethane	ND		1.0	0.32	ug/L			01/02/14 18:40	1
Chloroform	ND		1.0	0.34	ug/L			01/02/14 18:40	1
Chloromethane	ND	*	1.0	0.35	ug/L			01/02/14 18:40	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/02/14 18:40	1

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

TestAmerica Job ID: 480-52449-1

Client Sample ID: QC Trip Blank
Date Collected: 12/20/13 00:00
Date Received: 12/21/13 02:00

Lab Sample ID: 480-52449-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/02/14 18:40	1
Cyclohexane	ND		1.0	0.18	ug/L			01/02/14 18:40	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/02/14 18:40	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/02/14 18:40	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			01/02/14 18:40	1
Isopropylbenzene	ND		1.0	0.79	ug/L			01/02/14 18:40	1
Methyl acetate	ND		1.0	0.50	ug/L			01/02/14 18:40	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/02/14 18:40	1
Methylcyclohexane	ND		1.0	0.16	ug/L			01/02/14 18:40	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/02/14 18:40	1
Styrene	ND		1.0	0.73	ug/L			01/02/14 18:40	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/02/14 18:40	1
Toluene	ND		1.0	0.51	ug/L			01/02/14 18:40	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/02/14 18:40	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/02/14 18:40	1
Trichloroethene	ND		1.0	0.46	ug/L			01/02/14 18:40	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			01/02/14 18:40	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/02/14 18:40	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/02/14 18:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*71 - 126*		*01/02/14 18:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*		*66 - 137*		*01/02/14 18:40*	*1*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*01/02/14 18:40*	*1*

Surrogate Summary

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

TestAmerica Job ID: 480-52449-1

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

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

		Percent Surrogate Recovery (Acceptance Limits)		
		TOL	12DCE	BFB
Lab Sample ID	Client Sample ID	(71-126)	(66-137)	(73-120)
480-52449-2	Effluent	97	106	97
480-52449-3	QC Trip Blank	101	104	97
LCS 480-160145/5	Lab Control Sample	103	105	97
MB 480-160145/6	Method Blank	100	106	98

Surrogate Legend

TOL = Toluene-d8 (Surr)
12DCE = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

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

Lab Sample ID: MB 480-160145/6
Matrix: Water
Analysis Batch: 160145

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			01/02/14 11:27	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			01/02/14 11:27	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			01/02/14 11:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			01/02/14 11:27	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			01/02/14 11:27	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			01/02/14 11:27	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			01/02/14 11:27	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			01/02/14 11:27	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			01/02/14 11:27	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			01/02/14 11:27	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			01/02/14 11:27	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			01/02/14 11:27	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			01/02/14 11:27	1
2-Butanone (MEK)	ND		10	1.3	ug/L			01/02/14 11:27	1
2-Hexanone	ND		5.0	1.2	ug/L			01/02/14 11:27	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			01/02/14 11:27	1
Acetone	ND		10	3.0	ug/L			01/02/14 11:27	1
Benzene	ND		1.0	0.41	ug/L			01/02/14 11:27	1
Bromodichloromethane	ND		1.0	0.39	ug/L			01/02/14 11:27	1
Bromoform	ND		1.0	0.26	ug/L			01/02/14 11:27	1
Bromomethane	ND		1.0	0.69	ug/L			01/02/14 11:27	1
Carbon disulfide	ND		1.0	0.19	ug/L			01/02/14 11:27	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			01/02/14 11:27	1
Chlorobenzene	ND		1.0	0.75	ug/L			01/02/14 11:27	1
Dibromochloromethane	ND		1.0	0.32	ug/L			01/02/14 11:27	1
Chloroethane	ND		1.0	0.32	ug/L			01/02/14 11:27	1
Chloroform	ND		1.0	0.34	ug/L			01/02/14 11:27	1
Chloromethane	ND		1.0	0.35	ug/L			01/02/14 11:27	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			01/02/14 11:27	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			01/02/14 11:27	1
Cyclohexane	ND		1.0	0.18	ug/L			01/02/14 11:27	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			01/02/14 11:27	1
Ethylbenzene	ND		1.0	0.74	ug/L			01/02/14 11:27	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			01/02/14 11:27	1
Isopropylbenzene	ND		1.0	0.79	ug/L			01/02/14 11:27	1
Methyl acetate	ND		1.0	0.50	ug/L			01/02/14 11:27	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			01/02/14 11:27	1
Methylcyclohexane	ND		1.0	0.16	ug/L			01/02/14 11:27	1
Methylene Chloride	ND		1.0	0.44	ug/L			01/02/14 11:27	1
Styrene	ND		1.0	0.73	ug/L			01/02/14 11:27	1
Tetrachloroethene	ND		1.0	0.36	ug/L			01/02/14 11:27	1
Toluene	ND		1.0	0.51	ug/L			01/02/14 11:27	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			01/02/14 11:27	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			01/02/14 11:27	1
Trichloroethene	ND		1.0	0.46	ug/L			01/02/14 11:27	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			01/02/14 11:27	1
Vinyl chloride	ND		1.0	0.90	ug/L			01/02/14 11:27	1
Xylenes, Total	ND		2.0	0.66	ug/L			01/02/14 11:27	1

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

Lab Sample ID: MB 480-160145/6
Matrix: Water
Analysis Batch: 160145

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*100*		*71 - 126*		*01/02/14 11:27*	*1*
1,2-Dichloroethane-d4 (Surr)	*106*		*66 - 137*		*01/02/14 11:27*	*1*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*01/02/14 11:27*	*1*

Lab Sample ID: LCS 480-160145/5
Matrix: Water
Analysis Batch: 160145

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	27.4		ug/L		109	71 - 129
1,1-Dichloroethene	25.0	27.2		ug/L		109	58 - 121
1,2-Dichlorobenzene	25.0	26.4		ug/L		106	80 - 124
1,2-Dichloroethane	25.0	24.4		ug/L		98	75 - 127
Benzene	25.0	28.5		ug/L		114	71 - 124
Chlorobenzene	25.0	24.7		ug/L		99	72 - 120
cis-1,2-Dichloroethene	25.0	26.3		ug/L		105	74 - 124
Ethylbenzene	25.0	25.3		ug/L		101	77 - 123
Methyl tert-butyl ether	25.0	27.2		ug/L		109	64 - 127
Tetrachloroethene	25.0	24.9		ug/L		100	74 - 122
Toluene	25.0	25.8		ug/L		103	80 - 122
trans-1,2-Dichloroethene	25.0	27.0		ug/L		108	73 - 127
Trichloroethene	25.0	26.0		ug/L		104	74 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	*103*		*71 - 126*
1,2-Dichloroethane-d4 (Surr)	*105*		*66 - 137*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*

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

Lab Sample ID: MB 480-159342/1
Matrix: Water
Analysis Batch: 159342

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			12/24/13 15:24	1

Lab Sample ID: LCS 480-159342/2
Matrix: Water
Analysis Batch: 159342

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	236	216.8		mg/L		92	88 - 110

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

TestAmerica Job ID: 480-52449-1

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-159345/1
Matrix: Water
Analysis Batch: 159345

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			12/24/13 17:48	1

Lab Sample ID: LCS 480-159345/2
Matrix: Water
Analysis Batch: 159345

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Total Dissolved Solids			501	438.0		mg/L		87	85 - 115		

QC Association Summary

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

TestAmerica Job ID: 480-52449-1

GC/MS VOA

Analysis Batch: 160145

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-52449-2	Effluent	Total/NA	Water	8260C	
480-52449-3	QC Trip Blank	Total/NA	Water	8260C	
LCS 480-160145/5	Lab Control Sample	Total/NA	Water	8260C	
MB 480-160145/6	Method Blank	Total/NA	Water	8260C	

General Chemistry

Analysis Batch: 159342

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-52449-1	Effluent	Total/NA	Water	SM 2540D	
LCS 480-159342/2	Lab Control Sample	Total/NA	Water	SM 2540D	
MB 480-159342/1	Method Blank	Total/NA	Water	SM 2540D	

Analysis Batch: 159345

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-52449-1	Effluent	Total/NA	Water	SM2540 C	
LCS 480-159345/2	Lab Control Sample	Total/NA	Water	SM2540 C	
MB 480-159345/1	Method Blank	Total/NA	Water	SM2540 C	

Lab Chronicle

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

TestAmerica Job ID: 480-52449-1

Client Sample ID: Effluent
Lab Sample ID: 480-52449-1

Date Collected: 12/20/13 08:30
Matrix: Water
Date Received: 12/21/13 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	159342	12/24/13 15:24	JMB	TAL BUF
Total/NA	Analysis	SM2540 C		1	159345	12/24/13 17:48	JMB	TAL BUF

Client Sample ID: Effluent
Lab Sample ID: 480-52449-2

Date Collected: 12/20/13 08:30
Matrix: Water
Date Received: 12/21/13 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	160145	01/02/14 18:19	NMD1	TAL BUF

Client Sample ID: QC Trip Blank
Lab Sample ID: 480-52449-3

Date Collected: 12/20/13 00:00
Matrix: Water
Date Received: 12/21/13 02:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	160145	01/02/14 18:40	NMD1	TAL BUF

Laboratory References:

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

Certification Summary

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

TestAmerica Job ID: 480-52449-1

Laboratory: TestAmerica Buffalo

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-14
California	NELAP	9	1169CA	09-30-14
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-14
Georgia	State Program	4	N/A	03-31-14
Illinois	NELAP	5	200003	09-30-14
Iowa	State Program	7	374	03-01-15
Kansas	NELAP	7	E-10187	01-31-14
Kentucky	State Program	4	90029	12-31-13 *
Kentucky (UST)	State Program	4	30	04-01-14
Louisiana	NELAP	6	02031	06-30-14
Maine	State Program	1	NY00044	12-04-14
Maryland	State Program	3	294	03-31-14
Massachusetts	State Program	1	M-NY044	06-30-14
Michigan	State Program	5	9937	04-01-14
Minnesota	NELAP	5	036-999-337	12-31-13 *
New Hampshire	NELAP	1	2337	11-17-14
New Jersey	NELAP	2	NY455	06-30-14
New York	NELAP	2	10026	04-01-14
North Dakota	State Program	8	R-176	03-31-14
Oklahoma	State Program	6	9421	08-31-14
Oregon	NELAP	10	NY200003	06-09-14
Pennsylvania	NELAP	3	68-00281	07-31-14
Rhode Island	State Program	1	LAO00328	12-31-13 *
Tennessee	State Program	4	TN02970	04-01-14
Texas	NELAP	6	T104704412-11-2	07-31-14
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-14
Washington	State Program	10	C784	02-10-14
West Virginia DEP	State Program	3	252	03-31-14
Wisconsin	State Program	5	998310390	08-31-14

* Expired certification is currently pending renewal and is considered valid.

Method Summary

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

TestAmerica Job ID: 480-52449-1

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

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 = 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

TestAmerica Job ID: 480-52449-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-52449-1	Effluent	Water	12/20/13 08:30	12/21/13 02:00
480-52449-2	Effluent	Water	12/20/13 08:30	12/21/13 02:00
480-52449-3	QC Trip Blank	Water	12/20/13 00:00	12/21/13 02:00

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: MARTin Koennecke	Lab PM: Deyo, Melissa L	Carrier Tracking No(s):	COC No: 480-39987-10587.1
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: melissa.deyo@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 #: 11312000EST			
Email: Yuri.Veliz@obg.com	WO #:			
Project Name: Former Accurate Die Cast	Project #: 48008584			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, 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	12-20-13	830	C	Water			1	1		2	
EFFLUENT	12-20-13	830	G	WATER					3	3	
QC TRIP BLANK				WATER					1	1	

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	12-20-13 / 1015	OBG		12-20-13 1015	
2		12-20-13 1900			12-21-13 0200	
3						

Custody Seals Intact: Δ Yes Δ No

Custody Seal No.:

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

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-52449-1

Login Number: 52449

List Source: TestAmerica Buffalo

List Number: 1

Creator: Wienke, Robert K

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.	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	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	OBG
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

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

TestAmerica Job ID: 480-52531-1
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. Al Farrell

Authorized for release by:
12/31/2013 9:59:50 AM
Rebecca Jones, Project Management Assistant I
rebecca.jones@testamericainc.com

Designee for

Melissa Deyo, Project Manager I
(716)504-9874
melissa.deyo@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
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-52531-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-52531-1

Receipt
The sample was received on 12/24/2013 11:30 AM; the sample arrived in good condition, properly preserved and, where required, on ice.
The temperature of the cooler at receipt was 2.7º C.

General Chemistry
No analytical or quality issues were noted.

Detection Summary

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

TestAmerica Job ID: 480-52531-1

Client Sample ID: Effluent

Lab Sample ID: 480-52531-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	677		10.0	4.0	mg/L	1		SM2540 C	Total/NA

This Detection Summary does not include radiochemical test results.

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

TestAmerica Job ID: 480-52531-1

Client Sample ID: Effluent
Date Collected: 12/23/13 07:30
Date Received: 12/24/13 11:30

Lab Sample ID: 480-52531-1
Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**677**		10.0	4.0	mg/L			12/26/13 23:51	1

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			12/26/13 17:28	1

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

Lab Sample ID: MB 480-159511/1
Matrix: Water
Analysis Batch: 159511

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

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	ND		4.0	4.0	mg/L			12/26/13 17:11	1

Lab Sample ID: LCS 480-159511/2
Matrix: Water
Analysis Batch: 159511

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	236	225.6		mg/L		96	88 - 110

Method: SM2540 C - Total Dissolved Solids

Lab Sample ID: MB 480-159529/1
Matrix: Water
Analysis Batch: 159529

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			12/26/13 23:31	1

Lab Sample ID: LCS 480-159529/2
Matrix: Water
Analysis Batch: 159529

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	501	496.0		mg/L		99	85 - 115

QC Association Summary

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

TestAmerica Job ID: 480-52531-1

General Chemistry

Analysis Batch: 159511

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-52531-1	Effluent	Total/NA	Water	SM 2540D	
LCS 480-159511/2	Lab Control Sample	Total/NA	Water	SM 2540D	
MB 480-159511/1	Method Blank	Total/NA	Water	SM 2540D	

Analysis Batch: 159529

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-52531-1	Effluent	Total/NA	Water	SM2540 C	
LCS 480-159529/2	Lab Control Sample	Total/NA	Water	SM2540 C	
MB 480-159529/1	Method Blank	Total/NA	Water	SM2540 C	

Lab Chronicle

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

TestAmerica Job ID: 480-52531-1

Client Sample ID: Effluent
Date Collected: 12/23/13 07:30
Date Received: 12/24/13 11:30

Lab Sample ID: 480-52531-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540D		1	159511	12/26/13 17:28	KS	TAL BUF
Total/NA	Analysis	SM2540 C		1	159529	12/26/13 23:51	KS	TAL BUF

Laboratory References:

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

Certification Summary

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

TestAmerica Job ID: 480-52531-1

Laboratory: TestAmerica Buffalo

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-14
California	NELAP	9	1169CA	09-30-14
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-14
Georgia	State Program	4	N/A	03-31-14
Illinois	NELAP	5	200003	09-30-14
Iowa	State Program	7	374	03-01-15
Kansas	NELAP	7	E-10187	01-31-14
Kentucky	State Program	4	90029	12-31-13 *
Kentucky (UST)	State Program	4	30	04-01-14
Louisiana	NELAP	6	02031	06-30-14
Maine	State Program	1	NY00044	12-04-14
Maryland	State Program	3	294	03-31-14
Massachusetts	State Program	1	M-NY044	06-30-14
Michigan	State Program	5	9937	04-01-14
Minnesota	NELAP	5	036-999-337	12-31-13 *
New Hampshire	NELAP	1	2337	11-17-14
New Jersey	NELAP	2	NY455	06-30-14
New York	NELAP	2	10026	04-01-14
North Dakota	State Program	8	R-176	03-31-14
Oklahoma	State Program	6	9421	08-31-14
Oregon	NELAP	10	NY200003	06-09-14
Pennsylvania	NELAP	3	68-00281	07-31-14
Rhode Island	State Program	1	LAO00328	12-31-13 *
Tennessee	State Program	4	TN02970	04-01-14
Texas	NELAP	6	T104704412-11-2	07-31-14
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-14
Washington	State Program	10	C784	02-10-14
West Virginia DEP	State Program	3	252	12-31-13 *
Wisconsin	State Program	5	998310390	08-31-14

* Expired certification is currently pending renewal and is considered valid.

Method Summary

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

TestAmerica Job ID: 480-52531-1

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 = 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

TestAmerica Job ID: 480-52531-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-52531-1	Effluent	Water	12/23/13 07:30	12/24/13 11:30

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: MARTIN Koennecke	Lab PM: Deyo, Melissa L	Carrier Tracking No(s):	COC No: 480-39989-10586.1
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: melissa.deyo@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 #: 11312000EST
Email: Yuri.Veliz@obg.com	WO #:
Project Name: Former Accurate Die Cast	Project #: 48008584
Site:	SSOW#:

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2SO3
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	12-23-13	7:30	C	Water			1	1	2	

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: Matt Koennecke	Date/Time: 12-23-13 11:45	Company: OBG	Received by:	Date/Time: 12-23-13 11:45	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 12/24/13 11:30	Company: TA BUFFALO
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: #3 2.7

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-52531-1

Login Number: 52531

List Source: TestAmerica Buffalo

List Number: 1

Creator: Wienke, Robert K

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.	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	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	OBG
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

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

TestAmerica Job ID: 480-46928-1
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. Al Farrell

Authorized for release by:
10/15/2013 10:12:40 AM
Rebecca Jones, Project Mgmt. Assistant
rebecca.jones@testamericainc.com

Designee for

Melissa Deyo, Project Manager I
(716)504-9874
melissa.deyo@testamericainc.com

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

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

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

Table of Contents

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

TestAmerica Job ID: 480-46928-1

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.
*	LCS or LCSD exceeds the control limits

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
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-46928-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative
480-46928-1

Receipt
The samples were received on 10/2/2013 4:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.7º C.

GC/MS VOA
Method(s) 8260C: The laboratory control sample (LCS) for batch 144588 recovered outside control limits for the following analytes: Dichlorodifluoromethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method(s) 8260C: The laboratory control sample (LCS) for batch 144588 exceeded control limits for the following analyte: 2-Butanone. This is due to the coelution with Ethyl Acetate in the spiking solution.

Method(s) 8260C: The following sample(s) was diluted to bring the concentration of target analytes within the calibration range: MW-11 100113 (480-46928-4), MW-13 100113 (480-46928-12), MW-14 100113 (480-46928-13), MW-17 100113 (480-46928-9), MW-18 100113 (480-46928-14). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-24 100113 (480-46928-17). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The laboratory control sample (LCS) for batch 144647 exceeded control limits for the following analyte: 2-Butanone. This is due to the coelution with Ethyl Acetate in the spiking solution.

Method(s) 8260C: The laboratory control sample (LCS) for batch 144647 recovered outside control limits for the following analytes: Cyclohexane and Dichlorodifluoromethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

No other analytical or quality issues were noted.

Detection Summary

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

TestAmerica Job ID: 480-46928-1

Client Sample ID: MW-5 100113 — Lab Sample ID: 480-46928-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.0	J	10	3.0	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	1.3		1.0	0.81	ug/L	1		8260C	Total/NA
Tetrachloroethene	2.5		1.0	0.36	ug/L	1		8260C	Total/NA
Trichloroethene	73		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: MW-6 100113 — Lab Sample ID: 480-46928-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.2	J	10	3.0	ug/L	1		8260C	Total/NA
Trichloroethene	64		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: PZ-1 100113 — Lab Sample ID: 480-46928-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	90		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: MW-11 100113 — Lab Sample ID: 480-46928-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.1		1.0	0.81	ug/L	1		8260C	Total/NA
Trichloroethene - DL	760		10	4.6	ug/L	10		8260C	Total/NA

Client Sample ID: MW-10 100113 — Lab Sample ID: 480-46928-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.2	J	10	3.0	ug/L	1		8260C	Total/NA
Chloroform	0.54	J	1.0	0.34	ug/L	1		8260C	Total/NA
Trichloroethene	84		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: MW-12 100113 — Lab Sample ID: 480-46928-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	16		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: MW-9 100113 — Lab Sample ID: 480-46928-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	52		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: PZ-2 100113 — Lab Sample ID: 480-46928-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.0	J	10	3.0	ug/L	1		8260C	Total/NA
Tetrachloroethene	0.57	J	1.0	0.36	ug/L	1		8260C	Total/NA
Trichloroethene	97		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: MW-17 100113 — Lab Sample ID: 480-46928-9

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

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-17 100113 (Continued) — Lab Sample ID: 480-46928-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	31		1.0	0.81	ug/L	1		8260C	Total/NA
Tetrachloroethene	8.1		1.0	0.36	ug/L	1		8260C	Total/NA
Trichloroethene - DL	330		5.0	2.3	ug/L	5		8260C	Total/NA

Client Sample ID: MW-15 100113 — Lab Sample ID: 480-46928-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.0	J	10	3.0	ug/L	1		8260C	Total/NA
Methyl tert-butyl ether	0.30	J	1.0	0.16	ug/L	1		8260C	Total/NA
Trichloroethene	0.69	J	1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: MW-16 100113 — Lab Sample ID: 480-46928-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	1.5		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: MW-13 100113 — Lab Sample ID: 480-46928-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene - DL	290		4.0	1.8	ug/L	4		8260C	Total/NA

Client Sample ID: MW-14 100113 — Lab Sample ID: 480-46928-13

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
trans-1,2-Dichloroethene	0.93	J	1.0	0.90	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene - DL	200		20	16	ug/L	20		8260C	Total/NA
Trichloroethene - DL	1600		20	9.2	ug/L	20		8260C	Total/NA

Client Sample ID: MW-18 100113 — Lab Sample ID: 480-46928-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.64	J	1.0	0.29	ug/L	1		8260C	Total/NA
Tetrachloroethene	0.42	J	1.0	0.36	ug/L	1		8260C	Total/NA
trans-1,2-Dichloroethene	0.90	J	1.0	0.90	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene - DL	210		20	16	ug/L	20		8260C	Total/NA
Trichloroethene - DL	1700		20	9.2	ug/L	20		8260C	Total/NA

Client Sample ID: MW-22 100113 — Lab Sample ID: 480-46928-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	3.7	J	10	3.0	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	48		1.0	0.81	ug/L	1		8260C	Total/NA
trans-1,2-Dichloroethene	2.4		1.0	0.90	ug/L	1		8260C	Total/NA
Trichloroethene	1.5		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: MW-21 100113 — Lab Sample ID: 480-46928-16

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

This Detection Summary does not include radiochemical test results.

Client Sample ID: MW-21 100113 (Continued) — Lab Sample ID: 480-46928-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	28		1.0	0.81	ug/L	1		8260C	Total/NA
Trichloroethene	15		1.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: MW-24 100113 — Lab Sample ID: 480-46928-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethene	0.47	J	1.0	0.29	ug/L	1		8260C	Total/NA
Acetone	4.1	J	10	3.0	ug/L	1		8260C	Total/NA
trans-1,2-Dichloroethene	1.9		1.0	0.90	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene - DL	150		10	8.1	ug/L	10		8260C	Total/NA
Trichloroethene - DL	530		10	4.6	ug/L	10		8260C	Total/NA

Client Sample ID: QC TRIP BLANK — Lab Sample ID: 480-46928-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.47	J	1.0	0.46	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

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

TestAmerica Job ID: 480-46928-1

Client Sample ID: MW-5 100113
Date Collected: 10/01/13 07:50
Date Received: 10/02/13 04:00

Lab Sample ID: 480-46928-1
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			10/12/13 12:52	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/12/13 12:52	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/12/13 12:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/12/13 12:52	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/12/13 12:52	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/12/13 12:52	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/12/13 12:52	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/12/13 12:52	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/12/13 12:52	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/12/13 12:52	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/12/13 12:52	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/12/13 12:52	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/12/13 12:52	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/12/13 12:52	1
2-Hexanone	ND		5.0	1.2	ug/L			10/12/13 12:52	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/12/13 12:52	1
Acetone	**3.0**	**J**	10	3.0	ug/L			10/12/13 12:52	1
Benzene	ND		1.0	0.41	ug/L			10/12/13 12:52	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/12/13 12:52	1
Bromoform	ND		1.0	0.26	ug/L			10/12/13 12:52	1
Bromomethane	ND		1.0	0.69	ug/L			10/12/13 12:52	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/12/13 12:52	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/12/13 12:52	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/12/13 12:52	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/12/13 12:52	1
Chloroethane	ND		1.0	0.32	ug/L			10/12/13 12:52	1
Chloroform	ND		1.0	0.34	ug/L			10/12/13 12:52	1
Chloromethane	ND		1.0	0.35	ug/L			10/12/13 12:52	1
cis-1,2-Dichloroethene	**1.3**		1.0	0.81	ug/L			10/12/13 12:52	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/12/13 12:52	1
Cyclohexane	ND		1.0	0.18	ug/L			10/12/13 12:52	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/12/13 12:52	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/12/13 12:52	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/12/13 12:52	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/12/13 12:52	1
Methyl acetate	ND		1.0	0.50	ug/L			10/12/13 12:52	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/12/13 12:52	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/12/13 12:52	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/12/13 12:52	1
Styrene	ND		1.0	0.73	ug/L			10/12/13 12:52	1
Tetrachloroethene	**2.5**		1.0	0.36	ug/L			10/12/13 12:52	1
Toluene	ND		1.0	0.51	ug/L			10/12/13 12:52	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/12/13 12:52	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/12/13 12:52	1
Trichloroethene	**73**		1.0	0.46	ug/L			10/12/13 12:52	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/12/13 12:52	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/12/13 12:52	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/12/13 12:52	1

Client Sample ID: MW-5 100113

Lab Sample ID: 480-46928-1

Date Collected: 10/01/13 07:50

Matrix: Water

Date Received: 10/02/13 04:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*96*		*71 - 126*		*10/12/13 12:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*66 - 137*		*10/12/13 12:52*	*1*
4-Bromofluorobenzene (Surr)	*108*		*73 - 120*		*10/12/13 12:52*	*1*

Client Sample ID: MW-6 100113

Lab Sample ID: 480-46928-2

Date Collected: 10/01/13 08:15

Matrix: Water

Date Received: 10/02/13 04:00

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			10/12/13 13:16	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/12/13 13:16	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/12/13 13:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/12/13 13:16	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/12/13 13:16	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/12/13 13:16	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/12/13 13:16	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/12/13 13:16	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/12/13 13:16	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/12/13 13:16	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/12/13 13:16	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/12/13 13:16	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/12/13 13:16	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/12/13 13:16	1
2-Hexanone	ND		5.0	1.2	ug/L			10/12/13 13:16	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/12/13 13:16	1
Acetone	**3.2**	**J**	10	3.0	ug/L			10/12/13 13:16	1
Benzene	ND		1.0	0.41	ug/L			10/12/13 13:16	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/12/13 13:16	1
Bromoform	ND		1.0	0.26	ug/L			10/12/13 13:16	1
Bromomethane	ND		1.0	0.69	ug/L			10/12/13 13:16	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/12/13 13:16	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/12/13 13:16	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/12/13 13:16	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/12/13 13:16	1
Chloroethane	ND		1.0	0.32	ug/L			10/12/13 13:16	1
Chloroform	ND		1.0	0.34	ug/L			10/12/13 13:16	1
Chloromethane	ND		1.0	0.35	ug/L			10/12/13 13:16	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/12/13 13:16	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/12/13 13:16	1
Cyclohexane	ND		1.0	0.18	ug/L			10/12/13 13:16	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/12/13 13:16	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/12/13 13:16	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/12/13 13:16	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/12/13 13:16	1
Methyl acetate	ND		1.0	0.50	ug/L			10/12/13 13:16	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/12/13 13:16	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/12/13 13:16	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/12/13 13:16	1
Styrene	ND		1.0	0.73	ug/L			10/12/13 13:16	1

Client Sample ID: MW-6 100113
Date Collected: 10/01/13 08:15
Date Received: 10/02/13 04:00

Lab Sample ID: 480-46928-2
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		1.0	0.36	ug/L			10/12/13 13:16	1
Toluene	ND		1.0	0.51	ug/L			10/12/13 13:16	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/12/13 13:16	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/12/13 13:16	1
Trichloroethene	**64**		1.0	0.46	ug/L			10/12/13 13:16	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/12/13 13:16	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/12/13 13:16	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/12/13 13:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*94*		*71 - 126*		*10/12/13 13:16*	*1*
1,2-Dichloroethane-d4 (Surr)	*89*		*66 - 137*		*10/12/13 13:16*	*1*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*10/12/13 13:16*	*1*

Client Sample ID: PZ-1 100113
Date Collected: 10/01/13 08:35
Date Received: 10/02/13 04:00

Lab Sample ID: 480-46928-3
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			10/12/13 13:40	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/12/13 13:40	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/12/13 13:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/12/13 13:40	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/12/13 13:40	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/12/13 13:40	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/12/13 13:40	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/12/13 13:40	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/12/13 13:40	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/12/13 13:40	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/12/13 13:40	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/12/13 13:40	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/12/13 13:40	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/12/13 13:40	1
2-Hexanone	ND		5.0	1.2	ug/L			10/12/13 13:40	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/12/13 13:40	1
Acetone	ND		10	3.0	ug/L			10/12/13 13:40	1
Benzene	ND		1.0	0.41	ug/L			10/12/13 13:40	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/12/13 13:40	1
Bromoform	ND		1.0	0.26	ug/L			10/12/13 13:40	1
Bromomethane	ND		1.0	0.69	ug/L			10/12/13 13:40	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/12/13 13:40	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/12/13 13:40	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/12/13 13:40	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/12/13 13:40	1
Chloroethane	ND		1.0	0.32	ug/L			10/12/13 13:40	1
Chloroform	ND		1.0	0.34	ug/L			10/12/13 13:40	1
Chloromethane	ND		1.0	0.35	ug/L			10/12/13 13:40	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/12/13 13:40	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/12/13 13:40	1

Client Sample ID: PZ-1 100113

Lab Sample ID: 480-46928-3

Date Collected: 10/01/13 08:35

Matrix: Water

Date Received: 10/02/13 04:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	ND		1.0	0.18	ug/L			10/12/13 13:40	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/12/13 13:40	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/12/13 13:40	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/12/13 13:40	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/12/13 13:40	1
Methyl acetate	ND		1.0	0.50	ug/L			10/12/13 13:40	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/12/13 13:40	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/12/13 13:40	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/12/13 13:40	1
Styrene	ND		1.0	0.73	ug/L			10/12/13 13:40	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/12/13 13:40	1
Toluene	ND		1.0	0.51	ug/L			10/12/13 13:40	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/12/13 13:40	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/12/13 13:40	1
Trichloroethene	**90**		1.0	0.46	ug/L			10/12/13 13:40	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/12/13 13:40	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/12/13 13:40	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/12/13 13:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*95*		*71 - 126*		*10/12/13 13:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*66 - 137*		*10/12/13 13:40*	*1*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*10/12/13 13:40*	*1*

Client Sample ID: MW-11 100113

Lab Sample ID: 480-46928-4

Date Collected: 10/01/13 09:00

Matrix: Water

Date Received: 10/02/13 04:00

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			10/12/13 14:04	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/12/13 14:04	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/12/13 14:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/12/13 14:04	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/12/13 14:04	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/12/13 14:04	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/12/13 14:04	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/12/13 14:04	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/12/13 14:04	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/12/13 14:04	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/12/13 14:04	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/12/13 14:04	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/12/13 14:04	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/12/13 14:04	1
2-Hexanone	ND		5.0	1.2	ug/L			10/12/13 14:04	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/12/13 14:04	1
Acetone	ND		10	3.0	ug/L			10/12/13 14:04	1
Benzene	ND		1.0	0.41	ug/L			10/12/13 14:04	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/12/13 14:04	1
Bromoform	ND		1.0	0.26	ug/L			10/12/13 14:04	1

Client Sample ID: MW-11 100113

Lab Sample ID: 480-46928-4

Date Collected: 10/01/13 09:00

Matrix: Water

Date Received: 10/02/13 04:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		1.0	0.69	ug/L			10/12/13 14:04	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/12/13 14:04	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/12/13 14:04	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/12/13 14:04	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/12/13 14:04	1
Chloroethane	ND		1.0	0.32	ug/L			10/12/13 14:04	1
Chloroform	ND		1.0	0.34	ug/L			10/12/13 14:04	1
Chloromethane	ND		1.0	0.35	ug/L			10/12/13 14:04	1
cis-1,2-Dichloroethene	**1.1**		1.0	0.81	ug/L			10/12/13 14:04	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/12/13 14:04	1
Cyclohexane	ND		1.0	0.18	ug/L			10/12/13 14:04	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/12/13 14:04	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/12/13 14:04	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/12/13 14:04	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/12/13 14:04	1
Methyl acetate	ND		1.0	0.50	ug/L			10/12/13 14:04	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/12/13 14:04	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/12/13 14:04	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/12/13 14:04	1
Styrene	ND		1.0	0.73	ug/L			10/12/13 14:04	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/12/13 14:04	1
Toluene	ND		1.0	0.51	ug/L			10/12/13 14:04	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/12/13 14:04	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/12/13 14:04	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/12/13 14:04	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/12/13 14:04	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/12/13 14:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*71 - 126*		*10/12/13 14:04*	*1*
1,2-Dichloroethane-d4 (Surr)	*87*		*66 - 137*		*10/12/13 14:04*	*1*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*10/12/13 14:04*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	**760**		10	4.6	ug/L			10/13/13 17:24	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*92*		*71 - 126*		*10/13/13 17:24*	*10*
1,2-Dichloroethane-d4 (Surr)	*92*		*66 - 137*		*10/13/13 17:24*	*10*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*10/13/13 17:24*	*10*

Client Sample ID: MW-10 100113

Lab Sample ID: 480-46928-5

Date Collected: 10/01/13 09:20

Matrix: Water

Date Received: 10/02/13 04:00

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			10/12/13 14:28	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/12/13 14:28	1

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

TestAmerica Job ID: 480-46928-1

Client Sample ID: MW-10 100113
Date Collected: 10/01/13 09:20
Date Received: 10/02/13 04:00

Lab Sample ID: 480-46928-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/12/13 14:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/12/13 14:28	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/12/13 14:28	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/12/13 14:28	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/12/13 14:28	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/12/13 14:28	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/12/13 14:28	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/12/13 14:28	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/12/13 14:28	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/12/13 14:28	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/12/13 14:28	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/12/13 14:28	1
2-Hexanone	ND		5.0	1.2	ug/L			10/12/13 14:28	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/12/13 14:28	1
Acetone	**4.2**	**J**	10	3.0	ug/L			10/12/13 14:28	1
Benzene	ND		1.0	0.41	ug/L			10/12/13 14:28	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/12/13 14:28	1
Bromoform	ND		1.0	0.26	ug/L			10/12/13 14:28	1
Bromomethane	ND		1.0	0.69	ug/L			10/12/13 14:28	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/12/13 14:28	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/12/13 14:28	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/12/13 14:28	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/12/13 14:28	1
Chloroethane	ND		1.0	0.32	ug/L			10/12/13 14:28	1
Chloroform	**0.54**	**J**	1.0	0.34	ug/L			10/12/13 14:28	1
Chloromethane	ND		1.0	0.35	ug/L			10/12/13 14:28	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/12/13 14:28	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/12/13 14:28	1
Cyclohexane	ND		1.0	0.18	ug/L			10/12/13 14:28	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/12/13 14:28	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/12/13 14:28	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/12/13 14:28	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/12/13 14:28	1
Methyl acetate	ND		1.0	0.50	ug/L			10/12/13 14:28	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/12/13 14:28	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/12/13 14:28	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/12/13 14:28	1
Styrene	ND		1.0	0.73	ug/L			10/12/13 14:28	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/12/13 14:28	1
Toluene	ND		1.0	0.51	ug/L			10/12/13 14:28	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/12/13 14:28	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/12/13 14:28	1
Trichloroethene	**84**		1.0	0.46	ug/L			10/12/13 14:28	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/12/13 14:28	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/12/13 14:28	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/12/13 14:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*94*		*71 - 126*		*10/12/13 14:28*	*1*
1,2-Dichloroethane-d4 (Surr)	*89*		*66 - 137*		*10/12/13 14:28*	*1*

Client Sample ID: MW-10 100113

Lab Sample ID: 480-46928-5

Date Collected: 10/01/13 09:20

Matrix: Water

Date Received: 10/02/13 04:00

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*109*		*73 - 120*		*10/12/13 14:28*	*1*

Client Sample ID: MW-12 100113

Lab Sample ID: 480-46928-6

Date Collected: 10/01/13 10:00

Matrix: Water

Date Received: 10/02/13 04:00

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			10/12/13 14:51	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/12/13 14:51	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/12/13 14:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/12/13 14:51	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/12/13 14:51	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/12/13 14:51	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/12/13 14:51	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/12/13 14:51	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/12/13 14:51	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/12/13 14:51	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/12/13 14:51	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/12/13 14:51	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/12/13 14:51	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/12/13 14:51	1
2-Hexanone	ND		5.0	1.2	ug/L			10/12/13 14:51	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/12/13 14:51	1
Acetone	ND		10	3.0	ug/L			10/12/13 14:51	1
Benzene	ND		1.0	0.41	ug/L			10/12/13 14:51	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/12/13 14:51	1
Bromoform	ND		1.0	0.26	ug/L			10/12/13 14:51	1
Bromomethane	ND		1.0	0.69	ug/L			10/12/13 14:51	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/12/13 14:51	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/12/13 14:51	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/12/13 14:51	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/12/13 14:51	1
Chloroethane	ND		1.0	0.32	ug/L			10/12/13 14:51	1
Chloroform	ND		1.0	0.34	ug/L			10/12/13 14:51	1
Chloromethane	ND		1.0	0.35	ug/L			10/12/13 14:51	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/12/13 14:51	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/12/13 14:51	1
Cyclohexane	ND		1.0	0.18	ug/L			10/12/13 14:51	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/12/13 14:51	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/12/13 14:51	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/12/13 14:51	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/12/13 14:51	1
Methyl acetate	ND		1.0	0.50	ug/L			10/12/13 14:51	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/12/13 14:51	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/12/13 14:51	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/12/13 14:51	1
Styrene	ND		1.0	0.73	ug/L			10/12/13 14:51	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/12/13 14:51	1

Client Sample ID: MW-12 100113

Lab Sample ID: 480-46928-6

Date Collected: 10/01/13 10:00

Matrix: Water

Date Received: 10/02/13 04:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		1.0	0.51	ug/L			10/12/13 14:51	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/12/13 14:51	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/12/13 14:51	1
Trichloroethene	**16**		1.0	0.46	ug/L			10/12/13 14:51	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/12/13 14:51	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/12/13 14:51	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/12/13 14:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*93*		*71 - 126*		*10/12/13 14:51*	*1*
1,2-Dichloroethane-d4 (Surr)	*89*		*66 - 137*		*10/12/13 14:51*	*1*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*10/12/13 14:51*	*1*

Client Sample ID: MW-9 100113

Lab Sample ID: 480-46928-7

Date Collected: 10/01/13 10:20

Matrix: Water

Date Received: 10/02/13 04:00

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			10/12/13 15:15	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/12/13 15:15	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/12/13 15:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/12/13 15:15	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/12/13 15:15	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/12/13 15:15	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/12/13 15:15	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/12/13 15:15	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/12/13 15:15	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/12/13 15:15	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/12/13 15:15	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/12/13 15:15	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/12/13 15:15	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/12/13 15:15	1
2-Hexanone	ND		5.0	1.2	ug/L			10/12/13 15:15	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/12/13 15:15	1
Acetone	ND		10	3.0	ug/L			10/12/13 15:15	1
Benzene	ND		1.0	0.41	ug/L			10/12/13 15:15	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/12/13 15:15	1
Bromoform	ND		1.0	0.26	ug/L			10/12/13 15:15	1
Bromomethane	ND		1.0	0.69	ug/L			10/12/13 15:15	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/12/13 15:15	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/12/13 15:15	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/12/13 15:15	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/12/13 15:15	1
Chloroethane	ND		1.0	0.32	ug/L			10/12/13 15:15	1
Chloroform	ND		1.0	0.34	ug/L			10/12/13 15:15	1
Chloromethane	ND		1.0	0.35	ug/L			10/12/13 15:15	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/12/13 15:15	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/12/13 15:15	1
Cyclohexane	ND		1.0	0.18	ug/L			10/12/13 15:15	1

Client Sample ID: MW-9 100113

Lab Sample ID: 480-46928-7

Date Collected: 10/01/13 10:20

Matrix: Water

Date Received: 10/02/13 04:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/12/13 15:15	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/12/13 15:15	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/12/13 15:15	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/12/13 15:15	1
Methyl acetate	ND		1.0	0.50	ug/L			10/12/13 15:15	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/12/13 15:15	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/12/13 15:15	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/12/13 15:15	1
Styrene	ND		1.0	0.73	ug/L			10/12/13 15:15	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/12/13 15:15	1
Toluene	ND		1.0	0.51	ug/L			10/12/13 15:15	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/12/13 15:15	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/12/13 15:15	1
Trichloroethene	**52**		1.0	0.46	ug/L			10/12/13 15:15	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/12/13 15:15	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/12/13 15:15	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/12/13 15:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*92*		*71 - 126*		*10/12/13 15:15*	*1*
1,2-Dichloroethane-d4 (Surr)	*89*		*66 - 137*		*10/12/13 15:15*	*1*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*10/12/13 15:15*	*1*

Client Sample ID: PZ-2 100113

Lab Sample ID: 480-46928-8

Date Collected: 10/01/13 10:35

Matrix: Water

Date Received: 10/02/13 04:00

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			10/12/13 15:39	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/12/13 15:39	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/12/13 15:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/12/13 15:39	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/12/13 15:39	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/12/13 15:39	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/12/13 15:39	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/12/13 15:39	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/12/13 15:39	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/12/13 15:39	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/12/13 15:39	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/12/13 15:39	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/12/13 15:39	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/12/13 15:39	1
2-Hexanone	ND		5.0	1.2	ug/L			10/12/13 15:39	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/12/13 15:39	1
Acetone	**3.0**	**J**	10	3.0	ug/L			10/12/13 15:39	1
Benzene	ND		1.0	0.41	ug/L			10/12/13 15:39	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/12/13 15:39	1
Bromoform	ND		1.0	0.26	ug/L			10/12/13 15:39	1
Bromomethane	ND		1.0	0.69	ug/L			10/12/13 15:39	1

Client Sample ID: PZ-2 100113

Lab Sample ID: 480-46928-8

Date Collected: 10/01/13 10:35

Matrix: Water

Date Received: 10/02/13 04:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	ND		1.0	0.19	ug/L			10/12/13 15:39	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/12/13 15:39	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/12/13 15:39	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/12/13 15:39	1
Chloroethane	ND		1.0	0.32	ug/L			10/12/13 15:39	1
Chloroform	ND		1.0	0.34	ug/L			10/12/13 15:39	1
Chloromethane	ND		1.0	0.35	ug/L			10/12/13 15:39	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/12/13 15:39	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/12/13 15:39	1
Cyclohexane	ND		1.0	0.18	ug/L			10/12/13 15:39	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/12/13 15:39	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/12/13 15:39	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/12/13 15:39	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/12/13 15:39	1
Methyl acetate	ND		1.0	0.50	ug/L			10/12/13 15:39	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/12/13 15:39	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/12/13 15:39	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/12/13 15:39	1
Styrene	ND		1.0	0.73	ug/L			10/12/13 15:39	1
Tetrachloroethene	**0.57**	**J**	1.0	0.36	ug/L			10/12/13 15:39	1
Toluene	ND		1.0	0.51	ug/L			10/12/13 15:39	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/12/13 15:39	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/12/13 15:39	1
Trichloroethene	**97**		1.0	0.46	ug/L			10/12/13 15:39	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/12/13 15:39	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/12/13 15:39	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/12/13 15:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*92*		*71 - 126*		*10/12/13 15:39*	*1*
1,2-Dichloroethane-d4 (Surr)	*88*		*66 - 137*		*10/12/13 15:39*	*1*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*10/12/13 15:39*	*1*

Client Sample ID: MW-17 100113

Lab Sample ID: 480-46928-9

Date Collected: 10/01/13 10:50

Matrix: Water

Date Received: 10/02/13 04:00

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			10/12/13 16:03	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/12/13 16:03	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/12/13 16:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/12/13 16:03	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/12/13 16:03	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/12/13 16:03	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/12/13 16:03	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/12/13 16:03	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/12/13 16:03	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/12/13 16:03	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/12/13 16:03	1

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

TestAmerica Job ID: 480-46928-1

Client Sample ID: MW-17 100113
Date Collected: 10/01/13 10:50
Date Received: 10/02/13 04:00

Lab Sample ID: 480-46928-9
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/12/13 16:03	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/12/13 16:03	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/12/13 16:03	1
2-Hexanone	ND		5.0	1.2	ug/L			10/12/13 16:03	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/12/13 16:03	1
Acetone	**3.0**	**J**	10	3.0	ug/L			10/12/13 16:03	1
Benzene	ND		1.0	0.41	ug/L			10/12/13 16:03	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/12/13 16:03	1
Bromoform	ND		1.0	0.26	ug/L			10/12/13 16:03	1
Bromomethane	ND		1.0	0.69	ug/L			10/12/13 16:03	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/12/13 16:03	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/12/13 16:03	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/12/13 16:03	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/12/13 16:03	1
Chloroethane	ND		1.0	0.32	ug/L			10/12/13 16:03	1
Chloroform	ND		1.0	0.34	ug/L			10/12/13 16:03	1
Chloromethane	ND		1.0	0.35	ug/L			10/12/13 16:03	1
cis-1,2-Dichloroethene	**31**		1.0	0.81	ug/L			10/12/13 16:03	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/12/13 16:03	1
Cyclohexane	ND		1.0	0.18	ug/L			10/12/13 16:03	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/12/13 16:03	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/12/13 16:03	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/12/13 16:03	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/12/13 16:03	1
Methyl acetate	ND		1.0	0.50	ug/L			10/12/13 16:03	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/12/13 16:03	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/12/13 16:03	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/12/13 16:03	1
Styrene	ND		1.0	0.73	ug/L			10/12/13 16:03	1
Tetrachloroethene	**8.1**		1.0	0.36	ug/L			10/12/13 16:03	1
Toluene	ND		1.0	0.51	ug/L			10/12/13 16:03	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/12/13 16:03	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/12/13 16:03	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/12/13 16:03	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/12/13 16:03	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/12/13 16:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*71 - 126*		*10/12/13 16:03*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*66 - 137*		*10/12/13 16:03*	*1*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*10/12/13 16:03*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	**330**		5.0	2.3	ug/L			10/13/13 17:49	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*89*		*71 - 126*		*10/13/13 17:49*	*5*
1,2-Dichloroethane-d4 (Surr)	*93*		*66 - 137*		*10/13/13 17:49*	*5*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*10/13/13 17:49*	*5*

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

TestAmerica Job ID: 480-46928-1

Client Sample ID: MW-15 100113
Date Collected: 10/01/13 11:20
Date Received: 10/02/13 04:00

Lab Sample ID: 480-46928-10
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			10/12/13 16:26	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/12/13 16:26	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/12/13 16:26	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/12/13 16:26	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/12/13 16:26	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/12/13 16:26	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/12/13 16:26	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/12/13 16:26	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/12/13 16:26	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/12/13 16:26	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/12/13 16:26	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/12/13 16:26	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/12/13 16:26	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/12/13 16:26	1
2-Hexanone	ND		5.0	1.2	ug/L			10/12/13 16:26	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/12/13 16:26	1
Acetone	**3.0**	**J**	10	3.0	ug/L			10/12/13 16:26	1
Benzene	ND		1.0	0.41	ug/L			10/12/13 16:26	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/12/13 16:26	1
Bromoform	ND		1.0	0.26	ug/L			10/12/13 16:26	1
Bromomethane	ND		1.0	0.69	ug/L			10/12/13 16:26	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/12/13 16:26	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/12/13 16:26	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/12/13 16:26	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/12/13 16:26	1
Chloroethane	ND		1.0	0.32	ug/L			10/12/13 16:26	1
Chloroform	ND		1.0	0.34	ug/L			10/12/13 16:26	1
Chloromethane	ND		1.0	0.35	ug/L			10/12/13 16:26	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/12/13 16:26	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/12/13 16:26	1
Cyclohexane	ND		1.0	0.18	ug/L			10/12/13 16:26	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/12/13 16:26	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/12/13 16:26	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/12/13 16:26	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/12/13 16:26	1
Methyl acetate	ND		1.0	0.50	ug/L			10/12/13 16:26	1
Methyl tert-butyl ether	**0.30**	**J**	1.0	0.16	ug/L			10/12/13 16:26	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/12/13 16:26	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/12/13 16:26	1
Styrene	ND		1.0	0.73	ug/L			10/12/13 16:26	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/12/13 16:26	1
Toluene	ND		1.0	0.51	ug/L			10/12/13 16:26	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/12/13 16:26	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/12/13 16:26	1
Trichloroethene	**0.69**	**J**	1.0	0.46	ug/L			10/12/13 16:26	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/12/13 16:26	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/12/13 16:26	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/12/13 16:26	1

Client Sample ID: MW-15 100113

Lab Sample ID: 480-46928-10

Date Collected: 10/01/13 11:20

Matrix: Water

Date Received: 10/02/13 04:00

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*92*		*71 - 126*		*10/12/13 16:26*	*1*
1,2-Dichloroethane-d4 (Surr)	*89*		*66 - 137*		*10/12/13 16:26*	*1*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*		*10/12/13 16:26*	*1*

Client Sample ID: MW-16 100113

Lab Sample ID: 480-46928-11

Date Collected: 10/01/13 11:40

Matrix: Water

Date Received: 10/02/13 04:00

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			10/12/13 16:50	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/12/13 16:50	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/12/13 16:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/12/13 16:50	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/12/13 16:50	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/12/13 16:50	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/12/13 16:50	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/12/13 16:50	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/12/13 16:50	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/12/13 16:50	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/12/13 16:50	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/12/13 16:50	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/12/13 16:50	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/12/13 16:50	1
2-Hexanone	ND		5.0	1.2	ug/L			10/12/13 16:50	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/12/13 16:50	1
Acetone	ND		10	3.0	ug/L			10/12/13 16:50	1
Benzene	ND		1.0	0.41	ug/L			10/12/13 16:50	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/12/13 16:50	1
Bromoform	ND		1.0	0.26	ug/L			10/12/13 16:50	1
Bromomethane	ND		1.0	0.69	ug/L			10/12/13 16:50	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/12/13 16:50	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/12/13 16:50	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/12/13 16:50	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/12/13 16:50	1
Chloroethane	ND		1.0	0.32	ug/L			10/12/13 16:50	1
Chloroform	ND		1.0	0.34	ug/L			10/12/13 16:50	1
Chloromethane	ND		1.0	0.35	ug/L			10/12/13 16:50	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/12/13 16:50	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/12/13 16:50	1
Cyclohexane	ND		1.0	0.18	ug/L			10/12/13 16:50	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/12/13 16:50	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/12/13 16:50	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/12/13 16:50	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/12/13 16:50	1
Methyl acetate	ND		1.0	0.50	ug/L			10/12/13 16:50	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/12/13 16:50	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/12/13 16:50	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/12/13 16:50	1
Styrene	ND		1.0	0.73	ug/L			10/12/13 16:50	1

Client Sample ID: MW-16 100113
Date Collected: 10/01/13 11:40
Date Received: 10/02/13 04:00

Lab Sample ID: 480-46928-11
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		1.0	0.36	ug/L			10/12/13 16:50	1
Toluene	ND		1.0	0.51	ug/L			10/12/13 16:50	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/12/13 16:50	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/12/13 16:50	1
Trichloroethene	**1.5**		1.0	0.46	ug/L			10/12/13 16:50	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/12/13 16:50	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/12/13 16:50	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/12/13 16:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*93*		*71 - 126*		*10/12/13 16:50*	*1*
1,2-Dichloroethane-d4 (Surr)	*89*		*66 - 137*		*10/12/13 16:50*	*1*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*10/12/13 16:50*	*1*

Client Sample ID: MW-13 100113
Date Collected: 10/01/13 12:00
Date Received: 10/02/13 04:00

Lab Sample ID: 480-46928-12
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			10/12/13 17:14	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/12/13 17:14	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/12/13 17:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/12/13 17:14	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/12/13 17:14	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/12/13 17:14	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/12/13 17:14	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/12/13 17:14	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/12/13 17:14	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/12/13 17:14	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/12/13 17:14	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/12/13 17:14	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/12/13 17:14	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/12/13 17:14	1
2-Hexanone	ND		5.0	1.2	ug/L			10/12/13 17:14	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/12/13 17:14	1
Acetone	ND		10	3.0	ug/L			10/12/13 17:14	1
Benzene	ND		1.0	0.41	ug/L			10/12/13 17:14	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/12/13 17:14	1
Bromoform	ND		1.0	0.26	ug/L			10/12/13 17:14	1
Bromomethane	ND		1.0	0.69	ug/L			10/12/13 17:14	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/12/13 17:14	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/12/13 17:14	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/12/13 17:14	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/12/13 17:14	1
Chloroethane	ND		1.0	0.32	ug/L			10/12/13 17:14	1
Chloroform	ND		1.0	0.34	ug/L			10/12/13 17:14	1
Chloromethane	ND		1.0	0.35	ug/L			10/12/13 17:14	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/12/13 17:14	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/12/13 17:14	1

Client Sample ID: MW-13 100113

Lab Sample ID: 480-46928-12

Date Collected: 10/01/13 12:00

Matrix: Water

Date Received: 10/02/13 04:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	ND		1.0	0.18	ug/L			10/12/13 17:14	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/12/13 17:14	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/12/13 17:14	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/12/13 17:14	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/12/13 17:14	1
Methyl acetate	ND		1.0	0.50	ug/L			10/12/13 17:14	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/12/13 17:14	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/12/13 17:14	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/12/13 17:14	1
Styrene	ND		1.0	0.73	ug/L			10/12/13 17:14	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/12/13 17:14	1
Toluene	ND		1.0	0.51	ug/L			10/12/13 17:14	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/12/13 17:14	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/12/13 17:14	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/12/13 17:14	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/12/13 17:14	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/12/13 17:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*96*		*71 - 126*		*10/12/13 17:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*89*		*66 - 137*		*10/12/13 17:14*	*1*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*10/12/13 17:14*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichloroethene	**290**		4.0	1.8	ug/L			10/13/13 18:14	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*93*		*71 - 126*		*10/13/13 18:14*	*4*
1,2-Dichloroethane-d4 (Surr)	*94*		*66 - 137*		*10/13/13 18:14*	*4*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*10/13/13 18:14*	*4*

Client Sample ID: MW-14 100113

Lab Sample ID: 480-46928-13

Date Collected: 10/01/13 12:15

Matrix: Water

Date Received: 10/02/13 04:00

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			10/12/13 17:38	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/12/13 17:38	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/12/13 17:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/12/13 17:38	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/12/13 17:38	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/12/13 17:38	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/12/13 17:38	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/12/13 17:38	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/12/13 17:38	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/12/13 17:38	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/12/13 17:38	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/12/13 17:38	1

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

TestAmerica Job ID: 480-46928-1

Client Sample ID: MW-14 100113
Date Collected: 10/01/13 12:15
Date Received: 10/02/13 04:00

Lab Sample ID: 480-46928-13
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/12/13 17:38	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/12/13 17:38	1
2-Hexanone	ND		5.0	1.2	ug/L			10/12/13 17:38	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/12/13 17:38	1
Acetone	ND		10	3.0	ug/L			10/12/13 17:38	1
Benzene	ND		1.0	0.41	ug/L			10/12/13 17:38	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/12/13 17:38	1
Bromoform	ND		1.0	0.26	ug/L			10/12/13 17:38	1
Bromomethane	ND		1.0	0.69	ug/L			10/12/13 17:38	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/12/13 17:38	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/12/13 17:38	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/12/13 17:38	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/12/13 17:38	1
Chloroethane	ND		1.0	0.32	ug/L			10/12/13 17:38	1
Chloroform	ND		1.0	0.34	ug/L			10/12/13 17:38	1
Chloromethane	ND		1.0	0.35	ug/L			10/12/13 17:38	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/12/13 17:38	1
Cyclohexane	ND		1.0	0.18	ug/L			10/12/13 17:38	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/12/13 17:38	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/12/13 17:38	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/12/13 17:38	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/12/13 17:38	1
Methyl acetate	ND		1.0	0.50	ug/L			10/12/13 17:38	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/12/13 17:38	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/12/13 17:38	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/12/13 17:38	1
Styrene	ND		1.0	0.73	ug/L			10/12/13 17:38	1
Tetrachloroethene	**0.49**	**J**	1.0	0.36	ug/L			10/12/13 17:38	1
Toluene	ND		1.0	0.51	ug/L			10/12/13 17:38	1
trans-1,2-Dichloroethene	**0.93**	**J**	1.0	0.90	ug/L			10/12/13 17:38	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/12/13 17:38	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/12/13 17:38	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/12/13 17:38	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/12/13 17:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*92*		*71 - 126*		*10/12/13 17:38*	*1*
1,2-Dichloroethane-d4 (Surr)	*92*		*66 - 137*		*10/12/13 17:38*	*1*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*10/12/13 17:38*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**200**		20	16	ug/L			10/13/13 18:40	20
Trichloroethene	**1600**		20	9.2	ug/L			10/13/13 18:40	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*93*		*71 - 126*		*10/13/13 18:40*	*20*
1,2-Dichloroethane-d4 (Surr)	*94*		*66 - 137*		*10/13/13 18:40*	*20*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*10/13/13 18:40*	*20*

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

TestAmerica Job ID: 480-46928-1

Client Sample ID: MW-18 100113
Date Collected: 10/01/13 12:50
Date Received: 10/02/13 04:00

Lab Sample ID: 480-46928-14
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			10/12/13 18:02	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/12/13 18:02	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/12/13 18:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/12/13 18:02	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/12/13 18:02	1
1,1-Dichloroethene	**0.64**	**J**	1.0	0.29	ug/L			10/12/13 18:02	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/12/13 18:02	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/12/13 18:02	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/12/13 18:02	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/12/13 18:02	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/12/13 18:02	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/12/13 18:02	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/12/13 18:02	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/12/13 18:02	1
2-Hexanone	ND		5.0	1.2	ug/L			10/12/13 18:02	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/12/13 18:02	1
Acetone	ND		10	3.0	ug/L			10/12/13 18:02	1
Benzene	ND		1.0	0.41	ug/L			10/12/13 18:02	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/12/13 18:02	1
Bromoform	ND		1.0	0.26	ug/L			10/12/13 18:02	1
Bromomethane	ND		1.0	0.69	ug/L			10/12/13 18:02	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/12/13 18:02	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/12/13 18:02	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/12/13 18:02	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/12/13 18:02	1
Chloroethane	ND		1.0	0.32	ug/L			10/12/13 18:02	1
Chloroform	ND		1.0	0.34	ug/L			10/12/13 18:02	1
Chloromethane	ND		1.0	0.35	ug/L			10/12/13 18:02	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/12/13 18:02	1
Cyclohexane	ND		1.0	0.18	ug/L			10/12/13 18:02	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/12/13 18:02	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/12/13 18:02	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/12/13 18:02	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/12/13 18:02	1
Methyl acetate	ND		1.0	0.50	ug/L			10/12/13 18:02	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/12/13 18:02	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/12/13 18:02	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/12/13 18:02	1
Styrene	ND		1.0	0.73	ug/L			10/12/13 18:02	1
Tetrachloroethene	**0.42**	**J**	1.0	0.36	ug/L			10/12/13 18:02	1
Toluene	ND		1.0	0.51	ug/L			10/12/13 18:02	1
trans-1,2-Dichloroethene	**0.90**	**J**	1.0	0.90	ug/L			10/12/13 18:02	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/12/13 18:02	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/12/13 18:02	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/12/13 18:02	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/12/13 18:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*95*		*71 - 126*		*10/12/13 18:02*	*1*
1,2-Dichloroethane-d4 (Surr)	*90*		*66 - 137*		*10/12/13 18:02*	*1*

Client Sample ID: MW-18 100113

Lab Sample ID: 480-46928-14

Date Collected: 10/01/13 12:50

Matrix: Water

Date Received: 10/02/13 04:00

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*10/12/13 18:02*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**210**		20	16	ug/L			10/13/13 19:05	20
Trichloroethene	**1700**		20	9.2	ug/L			10/13/13 19:05	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*92*		*71 - 126*		*10/13/13 19:05*	*20*
1,2-Dichloroethane-d4 (Surr)	*94*		*66 - 137*		*10/13/13 19:05*	*20*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*		*10/13/13 19:05*	*20*

Client Sample ID: MW-22 100113

Lab Sample ID: 480-46928-15

Date Collected: 10/01/13 13:10

Matrix: Water

Date Received: 10/02/13 04:00

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			10/13/13 19:31	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/13/13 19:31	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/13/13 19:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/13/13 19:31	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/13/13 19:31	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/13/13 19:31	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/13/13 19:31	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/13/13 19:31	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/13/13 19:31	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/13/13 19:31	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/13/13 19:31	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/13/13 19:31	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/13/13 19:31	1
2-Butanone (MEK)	ND	*	10	1.3	ug/L			10/13/13 19:31	1
2-Hexanone	ND		5.0	1.2	ug/L			10/13/13 19:31	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/13/13 19:31	1
Acetone	**3.7**	**J**	10	3.0	ug/L			10/13/13 19:31	1
Benzene	ND		1.0	0.41	ug/L			10/13/13 19:31	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/13/13 19:31	1
Bromoform	ND		1.0	0.26	ug/L			10/13/13 19:31	1
Bromomethane	ND		1.0	0.69	ug/L			10/13/13 19:31	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/13/13 19:31	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/13/13 19:31	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/13/13 19:31	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/13/13 19:31	1
Chloroethane	ND		1.0	0.32	ug/L			10/13/13 19:31	1
Chloroform	ND		1.0	0.34	ug/L			10/13/13 19:31	1
Chloromethane	ND		1.0	0.35	ug/L			10/13/13 19:31	1
cis-1,2-Dichloroethene	**48**		1.0	0.81	ug/L			10/13/13 19:31	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/13/13 19:31	1
Cyclohexane	ND		1.0	0.18	ug/L			10/13/13 19:31	1
Dichlorodifluoromethane	ND	*	1.0	0.68	ug/L			10/13/13 19:31	1

Client Sample ID: MW-22 100113

Lab Sample ID: 480-46928-15

Date Collected: 10/01/13 13:10

Matrix: Water

Date Received: 10/02/13 04:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	ND		1.0	0.74	ug/L			10/13/13 19:31	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/13/13 19:31	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/13/13 19:31	1
Methyl acetate	ND		1.0	0.50	ug/L			10/13/13 19:31	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/13/13 19:31	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/13/13 19:31	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/13/13 19:31	1
Styrene	ND		1.0	0.73	ug/L			10/13/13 19:31	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/13/13 19:31	1
Toluene	ND		1.0	0.51	ug/L			10/13/13 19:31	1
trans-1,2-Dichloroethene	**2.4**		1.0	0.90	ug/L			10/13/13 19:31	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/13/13 19:31	1
Trichloroethene	**1.5**		1.0	0.46	ug/L			10/13/13 19:31	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/13/13 19:31	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/13/13 19:31	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/13/13 19:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*89*		*71 - 126*		*10/13/13 19:31*	*1*
1,2-Dichloroethane-d4 (Surr)	*91*		*66 - 137*		*10/13/13 19:31*	*1*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*10/13/13 19:31*	*1*

Client Sample ID: MW-21 100113

Lab Sample ID: 480-46928-16

Date Collected: 10/01/13 13:30

Matrix: Water

Date Received: 10/02/13 04:00

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			10/12/13 18:49	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/12/13 18:49	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/12/13 18:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/12/13 18:49	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/12/13 18:49	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/12/13 18:49	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/12/13 18:49	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/12/13 18:49	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/12/13 18:49	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/12/13 18:49	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/12/13 18:49	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/12/13 18:49	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/12/13 18:49	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/12/13 18:49	1
2-Hexanone	ND		5.0	1.2	ug/L			10/12/13 18:49	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/12/13 18:49	1
Acetone	**3.0**	**J**	10	3.0	ug/L			10/12/13 18:49	1
Benzene	ND		1.0	0.41	ug/L			10/12/13 18:49	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/12/13 18:49	1
Bromoform	ND		1.0	0.26	ug/L			10/12/13 18:49	1
Bromomethane	ND		1.0	0.69	ug/L			10/12/13 18:49	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/12/13 18:49	1

Client Sample ID: MW-21 100113
Lab Sample ID: 480-46928-16
Date Collected: 10/01/13 13:30
Matrix: Water
Date Received: 10/02/13 04:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/12/13 18:49	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/12/13 18:49	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/12/13 18:49	1
Chloroethane	ND		1.0	0.32	ug/L			10/12/13 18:49	1
Chloroform	ND		1.0	0.34	ug/L			10/12/13 18:49	1
Chloromethane	ND		1.0	0.35	ug/L			10/12/13 18:49	1
cis-1,2-Dichloroethene	**28**		1.0	0.81	ug/L			10/12/13 18:49	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/12/13 18:49	1
Cyclohexane	ND		1.0	0.18	ug/L			10/12/13 18:49	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/12/13 18:49	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/12/13 18:49	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/12/13 18:49	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/12/13 18:49	1
Methyl acetate	ND		1.0	0.50	ug/L			10/12/13 18:49	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/12/13 18:49	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/12/13 18:49	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/12/13 18:49	1
Styrene	ND		1.0	0.73	ug/L			10/12/13 18:49	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/12/13 18:49	1
Toluene	ND		1.0	0.51	ug/L			10/12/13 18:49	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/12/13 18:49	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/12/13 18:49	1
Trichloroethene	**15**		1.0	0.46	ug/L			10/12/13 18:49	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/12/13 18:49	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/12/13 18:49	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/12/13 18:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*93*		*71 - 126*		*10/12/13 18:49*	*1*
1,2-Dichloroethane-d4 (Surr)	*89*		*66 - 137*		*10/12/13 18:49*	*1*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*10/12/13 18:49*	*1*

Client Sample ID: MW-24 100113
Lab Sample ID: 480-46928-17
Date Collected: 10/01/13 13:50
Matrix: Water
Date Received: 10/02/13 04:00

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			10/13/13 19:56	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/13/13 19:56	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/13/13 19:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/13/13 19:56	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/13/13 19:56	1
1,1-Dichloroethene	**0.47**	**J**	1.0	0.29	ug/L			10/13/13 19:56	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/13/13 19:56	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/13/13 19:56	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/13/13 19:56	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/13/13 19:56	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/13/13 19:56	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/13/13 19:56	1

Client Sample ID: MW-24 100113
Date Collected: 10/01/13 13:50
Date Received: 10/02/13 04:00

Lab Sample ID: 480-46928-17
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/13/13 19:56	1
2-Butanone (MEK)	ND	*	10	1.3	ug/L			10/13/13 19:56	1
2-Hexanone	ND		5.0	1.2	ug/L			10/13/13 19:56	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/13/13 19:56	1
Acetone	**4.1**	**J**	10	3.0	ug/L			10/13/13 19:56	1
Benzene	ND		1.0	0.41	ug/L			10/13/13 19:56	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/13/13 19:56	1
Bromoform	ND		1.0	0.26	ug/L			10/13/13 19:56	1
Bromomethane	ND		1.0	0.69	ug/L			10/13/13 19:56	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/13/13 19:56	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/13/13 19:56	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/13/13 19:56	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/13/13 19:56	1
Chloroethane	ND		1.0	0.32	ug/L			10/13/13 19:56	1
Chloroform	ND		1.0	0.34	ug/L			10/13/13 19:56	1
Chloromethane	ND		1.0	0.35	ug/L			10/13/13 19:56	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/13/13 19:56	1
Cyclohexane	ND		1.0	0.18	ug/L			10/13/13 19:56	1
Dichlorodifluoromethane	ND	*	1.0	0.68	ug/L			10/13/13 19:56	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/13/13 19:56	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/13/13 19:56	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/13/13 19:56	1
Methyl acetate	ND		1.0	0.50	ug/L			10/13/13 19:56	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/13/13 19:56	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/13/13 19:56	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/13/13 19:56	1
Styrene	ND		1.0	0.73	ug/L			10/13/13 19:56	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/13/13 19:56	1
Toluene	ND		1.0	0.51	ug/L			10/13/13 19:56	1
trans-1,2-Dichloroethene	**1.9**		1.0	0.90	ug/L			10/13/13 19:56	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/13/13 19:56	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/13/13 19:56	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/13/13 19:56	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/13/13 19:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*89*		*71 - 126*		*10/13/13 19:56*	*1*
1,2-Dichloroethane-d4 (Surr)	*92*		*66 - 137*		*10/13/13 19:56*	*1*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*10/13/13 19:56*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**150**		10	8.1	ug/L			10/14/13 14:10	10
Trichloroethene	**530**		10	4.6	ug/L			10/14/13 14:10	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*89*		*71 - 126*		*10/14/13 14:10*	*10*
1,2-Dichloroethane-d4 (Surr)	*92*		*66 - 137*		*10/14/13 14:10*	*10*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*10/14/13 14:10*	*10*

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

TestAmerica Job ID: 480-46928-1

Client Sample ID: QC TRIP BLANK
Date Collected: 10/01/13 00:00
Date Received: 10/02/13 04:00

Lab Sample ID: 480-46928-18
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			10/14/13 14:35	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/14/13 14:35	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/14/13 14:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/14/13 14:35	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/14/13 14:35	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/14/13 14:35	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/14/13 14:35	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/14/13 14:35	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/14/13 14:35	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/14/13 14:35	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/14/13 14:35	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/14/13 14:35	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/14/13 14:35	1
2-Butanone (MEK)	ND	*	10	1.3	ug/L			10/14/13 14:35	1
2-Hexanone	ND		5.0	1.2	ug/L			10/14/13 14:35	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/14/13 14:35	1
Acetone	ND		10	3.0	ug/L			10/14/13 14:35	1
Benzene	ND		1.0	0.41	ug/L			10/14/13 14:35	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/14/13 14:35	1
Bromoform	ND		1.0	0.26	ug/L			10/14/13 14:35	1
Bromomethane	ND		1.0	0.69	ug/L			10/14/13 14:35	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/14/13 14:35	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/14/13 14:35	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/14/13 14:35	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/14/13 14:35	1
Chloroethane	ND		1.0	0.32	ug/L			10/14/13 14:35	1
Chloroform	ND		1.0	0.34	ug/L			10/14/13 14:35	1
Chloromethane	ND		1.0	0.35	ug/L			10/14/13 14:35	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/14/13 14:35	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/14/13 14:35	1
Cyclohexane	ND	*	1.0	0.18	ug/L			10/14/13 14:35	1
Dichlorodifluoromethane	ND	*	1.0	0.68	ug/L			10/14/13 14:35	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/14/13 14:35	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/14/13 14:35	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/14/13 14:35	1
Methyl acetate	ND		1.0	0.50	ug/L			10/14/13 14:35	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/14/13 14:35	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/14/13 14:35	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/14/13 14:35	1
Styrene	ND		1.0	0.73	ug/L			10/14/13 14:35	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/14/13 14:35	1
Toluene	ND		1.0	0.51	ug/L			10/14/13 14:35	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/14/13 14:35	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/14/13 14:35	1
Trichloroethene	**0.47**	**J**	1.0	0.46	ug/L			10/14/13 14:35	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/14/13 14:35	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/14/13 14:35	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/14/13 14:35	1

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

TestAmerica Job ID: 480-46928-1

Client Sample ID: QC TRIP BLANK
Date Collected: 10/01/13 00:00
Date Received: 10/02/13 04:00

Lab Sample ID: 480-46928-18
Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	91		71 - 126		10/14/13 14:35	1
1,2-Dichloroethane-d4 (Surr)	93		66 - 137		10/14/13 14:35	1
4-Bromofluorobenzene (Surr)	105		73 - 120		10/14/13 14:35	1

Surrogate Summary

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

TestAmerica Job ID: 480-46928-1

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

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
		TOL	12DCE	BFB
Lab Sample ID	Client Sample ID	(71-126)	(66-137)	(73-120)
480-46928-1	MW-5 100113	96	91	108
480-46928-2	MW-6 100113	94	89	106
480-46928-3	PZ-1 100113	95	91	106
480-46928-4	MW-11 100113	96	87	105
480-46928-4 - DL	MW-11 100113	92	92	105
480-46928-5	MW-10 100113	94	89	109
480-46928-6	MW-12 100113	93	89	104
480-46928-7	MW-9 100113	92	89	104
480-46928-8	PZ-2 100113	92	88	104
480-46928-9	MW-17 100113	96	91	105
480-46928-9 - DL	MW-17 100113	89	93	105
480-46928-10	MW-15 100113	92	89	103
480-46928-11	MW-16 100113	93	89	104
480-46928-12	MW-13 100113	96	89	106
480-46928-12 - DL	MW-13 100113	93	94	105
480-46928-13	MW-14 100113	92	92	102
480-46928-13 - DL	MW-14 100113	93	94	106
480-46928-14	MW-18 100113	95	90	105
480-46928-14 - DL	MW-18 100113	92	94	103
480-46928-15	MW-22 100113	89	91	101
480-46928-16	MW-21 100113	93	89	105
480-46928-17	MW-24 100113	89	92	105
480-46928-17 - DL	MW-24 100113	89	92	104
480-46928-18	QC TRIP BLANK	91	93	105
LCS 480-144519/5	Lab Control Sample	95	83	108
LCS 480-144588/5	Lab Control Sample	89	97	108
LCS 480-144647/5	Lab Control Sample	92	93	111
MB 480-144519/6	Method Blank	92	85	104
MB 480-144588/8	Method Blank	92	93	105
MB 480-144647/8	Method Blank	88	86	103

Surrogate Legend

TOL = Toluene-d8 (Surr)

12DCE = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

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

TestAmerica Job ID: 480-46928-1

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

Lab Sample ID: MB 480-144519/6
Matrix: Water
Analysis Batch: 144519

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			10/12/13 10:44	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/12/13 10:44	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/12/13 10:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/12/13 10:44	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/12/13 10:44	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/12/13 10:44	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/12/13 10:44	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/12/13 10:44	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/12/13 10:44	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/12/13 10:44	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/12/13 10:44	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/12/13 10:44	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/12/13 10:44	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/12/13 10:44	1
2-Hexanone	ND		5.0	1.2	ug/L			10/12/13 10:44	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/12/13 10:44	1
Acetone	ND		10	3.0	ug/L			10/12/13 10:44	1
Benzene	ND		1.0	0.41	ug/L			10/12/13 10:44	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/12/13 10:44	1
Bromoform	ND		1.0	0.26	ug/L			10/12/13 10:44	1
Bromomethane	ND		1.0	0.69	ug/L			10/12/13 10:44	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/12/13 10:44	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/12/13 10:44	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/12/13 10:44	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/12/13 10:44	1
Chloroethane	ND		1.0	0.32	ug/L			10/12/13 10:44	1
Chloroform	ND		1.0	0.34	ug/L			10/12/13 10:44	1
Chloromethane	ND		1.0	0.35	ug/L			10/12/13 10:44	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/12/13 10:44	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/12/13 10:44	1
Cyclohexane	ND		1.0	0.18	ug/L			10/12/13 10:44	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/12/13 10:44	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/12/13 10:44	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/12/13 10:44	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/12/13 10:44	1
Methyl acetate	ND		1.0	0.50	ug/L			10/12/13 10:44	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/12/13 10:44	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/12/13 10:44	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/12/13 10:44	1
Styrene	ND		1.0	0.73	ug/L			10/12/13 10:44	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/12/13 10:44	1
Toluene	ND		1.0	0.51	ug/L			10/12/13 10:44	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/12/13 10:44	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/12/13 10:44	1
Trichloroethene	ND		1.0	0.46	ug/L			10/12/13 10:44	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/12/13 10:44	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/12/13 10:44	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/12/13 10:44	1

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

Lab Sample ID: MB 480-144519/6
Matrix: Water
Analysis Batch: 144519

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	*92*		*71 - 126*		*10/12/13 10:44*	*1*
1,2-Dichloroethane-d4 (Surr)	*85*		*66 - 137*		*10/12/13 10:44*	*1*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*10/12/13 10:44*	*1*

Lab Sample ID: LCS 480-144519/5
Matrix: Water
Analysis Batch: 144519

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	22.3		ug/L		89	71 - 129
1,1-Dichloroethene	25.0	25.8		ug/L		103	58 - 121
1,2-Dichlorobenzene	25.0	24.7		ug/L		99	80 - 124
1,2-Dichloroethane	25.0	20.6		ug/L		82	75 - 127
Benzene	25.0	24.2		ug/L		97	71 - 124
Chlorobenzene	25.0	24.1		ug/L		96	72 - 120
cis-1,2-Dichloroethene	25.0	24.1		ug/L		96	74 - 124
Ethylbenzene	25.0	24.1		ug/L		96	77 - 123
Methyl tert-butyl ether	25.0	22.3		ug/L		89	64 - 127
Tetrachloroethene	25.0	26.9		ug/L		108	74 - 122
Toluene	25.0	24.3		ug/L		97	80 - 122
trans-1,2-Dichloroethene	25.0	23.7		ug/L		95	73 - 127
Trichloroethene	25.0	22.7		ug/L		91	74 - 123

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surr)	*95*		*71 - 126*
1,2-Dichloroethane-d4 (Surr)	*83*		*66 - 137*
4-Bromofluorobenzene (Surr)	*108*		*73 - 120*

Lab Sample ID: MB 480-144588/8
Matrix: Water
Analysis Batch: 144588

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			10/13/13 15:31	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/13/13 15:31	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/13/13 15:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/13/13 15:31	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/13/13 15:31	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/13/13 15:31	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/13/13 15:31	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/13/13 15:31	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/13/13 15:31	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/13/13 15:31	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/13/13 15:31	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/13/13 15:31	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/13/13 15:31	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/13/13 15:31	1
2-Hexanone	ND		5.0	1.2	ug/L			10/13/13 15:31	1

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

Lab Sample ID: MB 480-144588/8
Matrix: Water
Analysis Batch: 144588

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/13/13 15:31	1
Acetone	ND		10	3.0	ug/L			10/13/13 15:31	1
Benzene	ND		1.0	0.41	ug/L			10/13/13 15:31	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/13/13 15:31	1
Bromoform	ND		1.0	0.26	ug/L			10/13/13 15:31	1
Bromomethane	ND		1.0	0.69	ug/L			10/13/13 15:31	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/13/13 15:31	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/13/13 15:31	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/13/13 15:31	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/13/13 15:31	1
Chloroethane	ND		1.0	0.32	ug/L			10/13/13 15:31	1
Chloroform	ND		1.0	0.34	ug/L			10/13/13 15:31	1
Chloromethane	ND		1.0	0.35	ug/L			10/13/13 15:31	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/13/13 15:31	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/13/13 15:31	1
Cyclohexane	ND		1.0	0.18	ug/L			10/13/13 15:31	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/13/13 15:31	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/13/13 15:31	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/13/13 15:31	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/13/13 15:31	1
Methyl acetate	ND		1.0	0.50	ug/L			10/13/13 15:31	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/13/13 15:31	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/13/13 15:31	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/13/13 15:31	1
Styrene	ND		1.0	0.73	ug/L			10/13/13 15:31	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/13/13 15:31	1
Toluene	ND		1.0	0.51	ug/L			10/13/13 15:31	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/13/13 15:31	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/13/13 15:31	1
Trichloroethene	ND		1.0	0.46	ug/L			10/13/13 15:31	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/13/13 15:31	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/13/13 15:31	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/13/13 15:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*92*		*71 - 126*		*10/13/13 15:31*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*66 - 137*		*10/13/13 15:31*	*1*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*10/13/13 15:31*	*1*

Lab Sample ID: LCS 480-144588/5
Matrix: Water
Analysis Batch: 144588

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	27.5		ug/L		110	71 - 129
1,1-Dichloroethene	25.0	28.5		ug/L		114	58 - 121
1,2-Dichlorobenzene	25.0	23.6		ug/L		94	80 - 124
1,2-Dichloroethane	25.0	25.1		ug/L		101	75 - 127

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

Lab Sample ID: LCS 480-144588/5
Matrix: Water
Analysis Batch: 144588

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	25.0	27.0		ug/L		108	71 - 124
Chlorobenzene	25.0	25.4		ug/L		102	72 - 120
cis-1,2-Dichloroethene	25.0	26.4		ug/L		106	74 - 124
Ethylbenzene	25.0	24.9		ug/L		100	77 - 123
Methyl tert-butyl ether	25.0	26.8		ug/L		107	64 - 127
Tetrachloroethene	25.0	26.3		ug/L		105	74 - 122
Toluene	25.0	24.2		ug/L		97	80 - 122
trans-1,2-Dichloroethene	25.0	27.8		ug/L		111	73 - 127
Trichloroethene	25.0	27.3		ug/L		109	74 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*89*		*71 - 126*
1,2-Dichloroethane-d4 (Surr)	*97*		*66 - 137*
4-Bromofluorobenzene (Surr)	*108*		*73 - 120*

Lab Sample ID: MB 480-144647/8
Matrix: Water
Analysis Batch: 144647

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			10/14/13 12:40	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			10/14/13 12:40	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			10/14/13 12:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			10/14/13 12:40	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			10/14/13 12:40	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			10/14/13 12:40	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/14/13 12:40	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			10/14/13 12:40	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/14/13 12:40	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			10/14/13 12:40	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			10/14/13 12:40	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/14/13 12:40	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/14/13 12:40	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/14/13 12:40	1
2-Hexanone	ND		5.0	1.2	ug/L			10/14/13 12:40	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			10/14/13 12:40	1
Acetone	ND		10	3.0	ug/L			10/14/13 12:40	1
Benzene	ND		1.0	0.41	ug/L			10/14/13 12:40	1
Bromodichloromethane	ND		1.0	0.39	ug/L			10/14/13 12:40	1
Bromoform	ND		1.0	0.26	ug/L			10/14/13 12:40	1
Bromomethane	ND		1.0	0.69	ug/L			10/14/13 12:40	1
Carbon disulfide	ND		1.0	0.19	ug/L			10/14/13 12:40	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			10/14/13 12:40	1
Chlorobenzene	ND		1.0	0.75	ug/L			10/14/13 12:40	1
Dibromochloromethane	ND		1.0	0.32	ug/L			10/14/13 12:40	1
Chloroethane	ND		1.0	0.32	ug/L			10/14/13 12:40	1
Chloroform	ND		1.0	0.34	ug/L			10/14/13 12:40	1
Chloromethane	ND		1.0	0.35	ug/L			10/14/13 12:40	1

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

Lab Sample ID: MB 480-144647/8
Matrix: Water
Analysis Batch: 144647

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			10/14/13 12:40	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			10/14/13 12:40	1
Cyclohexane	ND		1.0	0.18	ug/L			10/14/13 12:40	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			10/14/13 12:40	1
Ethylbenzene	ND		1.0	0.74	ug/L			10/14/13 12:40	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			10/14/13 12:40	1
Isopropylbenzene	ND		1.0	0.79	ug/L			10/14/13 12:40	1
Methyl acetate	ND		1.0	0.50	ug/L			10/14/13 12:40	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			10/14/13 12:40	1
Methylcyclohexane	ND		1.0	0.16	ug/L			10/14/13 12:40	1
Methylene Chloride	ND		1.0	0.44	ug/L			10/14/13 12:40	1
Styrene	ND		1.0	0.73	ug/L			10/14/13 12:40	1
Tetrachloroethene	ND		1.0	0.36	ug/L			10/14/13 12:40	1
Toluene	ND		1.0	0.51	ug/L			10/14/13 12:40	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			10/14/13 12:40	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			10/14/13 12:40	1
Trichloroethene	ND		1.0	0.46	ug/L			10/14/13 12:40	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			10/14/13 12:40	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/14/13 12:40	1
Xylenes, Total	ND		2.0	0.66	ug/L			10/14/13 12:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*88*		*71 - 126*		*10/14/13 12:40*	*1*
1,2-Dichloroethane-d4 (Surr)	*86*		*66 - 137*		*10/14/13 12:40*	*1*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*		*10/14/13 12:40*	*1*

Lab Sample ID: LCS 480-144647/5
Matrix: Water
Analysis Batch: 144647

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	25.0	27.9		ug/L		111	71 - 129
1,1-Dichloroethene	25.0	29.5		ug/L		118	58 - 121
1,2-Dichlorobenzene	25.0	24.3		ug/L		97	80 - 124
1,2-Dichloroethane	25.0	25.8		ug/L		103	75 - 127
Benzene	25.0	27.4		ug/L		110	71 - 124
Chlorobenzene	25.0	26.0		ug/L		104	72 - 120
cis-1,2-Dichloroethene	25.0	26.8		ug/L		107	74 - 124
Ethylbenzene	25.0	26.2		ug/L		105	77 - 123
Methyl tert-butyl ether	25.0	28.9		ug/L		116	64 - 127
Tetrachloroethene	25.0	28.3		ug/L		113	74 - 122
Toluene	25.0	25.8		ug/L		103	80 - 122
trans-1,2-Dichloroethene	25.0	28.3		ug/L		113	73 - 127
Trichloroethene	25.0	28.0		ug/L		112	74 - 123

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*92*		*71 - 126*

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

Lab Sample ID: LCS 480-144647/5
Matrix: Water
Analysis Batch: 144647

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	93		66 - 137
4-Bromofluorobenzene (Surr)	111		73 - 120

GC/MS VOA

Analysis Batch: 144519

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-46928-1	MW-5 100113	Total/NA	Water	8260C	
480-46928-2	MW-6 100113	Total/NA	Water	8260C	
480-46928-3	PZ-1 100113	Total/NA	Water	8260C	
480-46928-4	MW-11 100113	Total/NA	Water	8260C	
480-46928-5	MW-10 100113	Total/NA	Water	8260C	
480-46928-6	MW-12 100113	Total/NA	Water	8260C	
480-46928-7	MW-9 100113	Total/NA	Water	8260C	
480-46928-8	PZ-2 100113	Total/NA	Water	8260C	
480-46928-9	MW-17 100113	Total/NA	Water	8260C	
480-46928-10	MW-15 100113	Total/NA	Water	8260C	
480-46928-11	MW-16 100113	Total/NA	Water	8260C	
480-46928-12	MW-13 100113	Total/NA	Water	8260C	
480-46928-13	MW-14 100113	Total/NA	Water	8260C	
480-46928-14	MW-18 100113	Total/NA	Water	8260C	
480-46928-16	MW-21 100113	Total/NA	Water	8260C	
LCS 480-144519/5	Lab Control Sample	Total/NA	Water	8260C	
MB 480-144519/6	Method Blank	Total/NA	Water	8260C	

Analysis Batch: 144588

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-46928-4 - DL	MW-11 100113	Total/NA	Water	8260C	
480-46928-9 - DL	MW-17 100113	Total/NA	Water	8260C	
480-46928-12 - DL	MW-13 100113	Total/NA	Water	8260C	
480-46928-13 - DL	MW-14 100113	Total/NA	Water	8260C	
480-46928-14 - DL	MW-18 100113	Total/NA	Water	8260C	
480-46928-15	MW-22 100113	Total/NA	Water	8260C	
480-46928-17	MW-24 100113	Total/NA	Water	8260C	
LCS 480-144588/5	Lab Control Sample	Total/NA	Water	8260C	
MB 480-144588/8	Method Blank	Total/NA	Water	8260C	

Analysis Batch: 144647

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-46928-17 - DL	MW-24 100113	Total/NA	Water	8260C	
480-46928-18	QC TRIP BLANK	Total/NA	Water	8260C	
LCS 480-144647/5	Lab Control Sample	Total/NA	Water	8260C	
MB 480-144647/8	Method Blank	Total/NA	Water	8260C	

Lab Chronicle

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

TestAmerica Job ID: 480-46928-1

Client Sample ID: MW-5 100113
Lab Sample ID: 480-46928-1
Date Collected: 10/01/13 07:50
Matrix: Water
Date Received: 10/02/13 04:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	144519	10/12/13 12:52	LCH	TAL BUF

Client Sample ID: MW-6 100113
Lab Sample ID: 480-46928-2
Date Collected: 10/01/13 08:15
Matrix: Water
Date Received: 10/02/13 04:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	144519	10/12/13 13:16	LCH	TAL BUF

Client Sample ID: PZ-1 100113
Lab Sample ID: 480-46928-3
Date Collected: 10/01/13 08:35
Matrix: Water
Date Received: 10/02/13 04:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	144519	10/12/13 13:40	LCH	TAL BUF

Client Sample ID: MW-11 100113
Lab Sample ID: 480-46928-4
Date Collected: 10/01/13 09:00
Matrix: Water
Date Received: 10/02/13 04:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	144519	10/12/13 14:04	LCH	TAL BUF
Total/NA	Analysis	8260C	DL	10	144588	10/13/13 17:24	LCH	TAL BUF

Client Sample ID: MW-10 100113
Lab Sample ID: 480-46928-5
Date Collected: 10/01/13 09:20
Matrix: Water
Date Received: 10/02/13 04:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	144519	10/12/13 14:28	LCH	TAL BUF

Client Sample ID: MW-12 100113
Lab Sample ID: 480-46928-6
Date Collected: 10/01/13 10:00
Matrix: Water
Date Received: 10/02/13 04:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	144519	10/12/13 14:51	LCH	TAL BUF

Lab Chronicle

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

TestAmerica Job ID: 480-46928-1

Client Sample ID: MW-9 100113
Lab Sample ID: 480-46928-7
Date Collected: 10/01/13 10:20
Matrix: Water
Date Received: 10/02/13 04:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	144519	10/12/13 15:15	LCH	TAL BUF

Client Sample ID: PZ-2 100113
Lab Sample ID: 480-46928-8
Date Collected: 10/01/13 10:35
Matrix: Water
Date Received: 10/02/13 04:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	144519	10/12/13 15:39	LCH	TAL BUF

Client Sample ID: MW-17 100113
Lab Sample ID: 480-46928-9
Date Collected: 10/01/13 10:50
Matrix: Water
Date Received: 10/02/13 04:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	144519	10/12/13 16:03	LCH	TAL BUF
Total/NA	Analysis	8260C	DL	5	144588	10/13/13 17:49	LCH	TAL BUF

Client Sample ID: MW-15 100113
Lab Sample ID: 480-46928-10
Date Collected: 10/01/13 11:20
Matrix: Water
Date Received: 10/02/13 04:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	144519	10/12/13 16:26	LCH	TAL BUF

Client Sample ID: MW-16 100113
Lab Sample ID: 480-46928-11
Date Collected: 10/01/13 11:40
Matrix: Water
Date Received: 10/02/13 04:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	144519	10/12/13 16:50	LCH	TAL BUF

Client Sample ID: MW-13 100113
Lab Sample ID: 480-46928-12
Date Collected: 10/01/13 12:00
Matrix: Water
Date Received: 10/02/13 04:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	144519	10/12/13 17:14	LCH	TAL BUF
Total/NA	Analysis	8260C	DL	4	144588	10/13/13 18:14	LCH	TAL BUF

Client Sample ID: MW-14 100113

Lab Sample ID: 480-46928-13

Date Collected: 10/01/13 12:15

Matrix: Water

Date Received: 10/02/13 04:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	144519	10/12/13 17:38	LCH	TAL BUF
Total/NA	Analysis	8260C	DL	20	144588	10/13/13 18:40	LCH	TAL BUF

Client Sample ID: MW-18 100113

Lab Sample ID: 480-46928-14

Date Collected: 10/01/13 12:50

Matrix: Water

Date Received: 10/02/13 04:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	144519	10/12/13 18:02	LCH	TAL BUF
Total/NA	Analysis	8260C	DL	20	144588	10/13/13 19:05	LCH	TAL BUF

Client Sample ID: MW-22 100113

Lab Sample ID: 480-46928-15

Date Collected: 10/01/13 13:10

Matrix: Water

Date Received: 10/02/13 04:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	144588	10/13/13 19:31	LCH	TAL BUF

Client Sample ID: MW-21 100113

Lab Sample ID: 480-46928-16

Date Collected: 10/01/13 13:30

Matrix: Water

Date Received: 10/02/13 04:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	144519	10/12/13 18:49	LCH	TAL BUF

Client Sample ID: MW-24 100113

Lab Sample ID: 480-46928-17

Date Collected: 10/01/13 13:50

Matrix: Water

Date Received: 10/02/13 04:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	144588	10/13/13 19:56	LCH	TAL BUF
Total/NA	Analysis	8260C	DL	10	144647	10/14/13 14:10	RAL	TAL BUF

Client Sample ID: QC TRIP BLANK

Lab Sample ID: 480-46928-18

Date Collected: 10/01/13 00:00

Matrix: Water

Date Received: 10/02/13 04:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	144647	10/14/13 14:35	RAL	TAL BUF

Laboratory References:

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

Certification Summary

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

TestAmerica Job ID: 480-46928-1

Laboratory: TestAmerica Buffalo

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-13 *
California	NELAP	9	1169CA	09-30-13 *
Connecticut	State Program	1	PH-0568	09-30-14
Florida	NELAP	4	E87672	06-30-14
Georgia	State Program	4	N/A	03-31-14
Iowa	State Program	7	374	03-15-15
Kansas	NELAP	7	E-10187	01-31-14
Kentucky	State Program	4	90029	12-31-13
Kentucky (UST)	State Program	4	30	04-01-14
Louisiana	NELAP	6	02031	06-30-14
Maine	State Program	1	NY00044	12-04-14
Maryland	State Program	3	294	03-31-14
Massachusetts	State Program	1	M-NY044	06-30-14
Michigan	State Program	5	9937	04-01-14
Minnesota	NELAP	5	036-999-337	12-31-13
New Hampshire	NELAP	1	2973	09-11-14
New Jersey	NELAP	2	NY455	06-30-14
New York	NELAP	2	10026	04-01-14
North Dakota	State Program	8	R-176	03-31-14
Oklahoma	State Program	6	9421	08-31-14
Oregon	NELAP	10	NY200003	06-09-14
Pennsylvania	NELAP	3	68-00281	07-31-14
Rhode Island	State Program	1	LAO00328	12-31-13
Tennessee	State Program	4	TN02970	04-01-14
Texas	NELAP	6	T104704412-11-2	07-31-14
USDA	Federal		P330-11-00386	11-22-14
Virginia	NELAP	3	460185	09-14-14
Washington	State Program	10	C784	02-10-14
West Virginia DEP	State Program	3	252	12-31-13
Wisconsin	State Program	5	998310390	08-31-14

* Expired certification is currently pending renewal and is considered valid.

Method Summary

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

TestAmerica Job ID: 480-46928-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	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 = 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

TestAmerica Job ID: 480-46928-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-46928-1	MW-5 100113	Water	10/01/13 07:50	10/02/13 04:00
480-46928-2	MW-6 100113	Water	10/01/13 08:15	10/02/13 04:00
480-46928-3	PZ-1 100113	Water	10/01/13 08:35	10/02/13 04:00
480-46928-4	MW-11 100113	Water	10/01/13 09:00	10/02/13 04:00
480-46928-5	MW-10 100113	Water	10/01/13 09:20	10/02/13 04:00
480-46928-6	MW-12 100113	Water	10/01/13 10:00	10/02/13 04:00
480-46928-7	MW-9 100113	Water	10/01/13 10:20	10/02/13 04:00
480-46928-8	PZ-2 100113	Water	10/01/13 10:35	10/02/13 04:00
480-46928-9	MW-17 100113	Water	10/01/13 10:50	10/02/13 04:00
480-46928-10	MW-15 100113	Water	10/01/13 11:20	10/02/13 04:00
480-46928-11	MW-16 100113	Water	10/01/13 11:40	10/02/13 04:00
480-46928-12	MW-13 100113	Water	10/01/13 12:00	10/02/13 04:00
480-46928-13	MW-14 100113	Water	10/01/13 12:15	10/02/13 04:00
480-46928-14	MW-18 100113	Water	10/01/13 12:50	10/02/13 04:00
480-46928-15	MW-22 100113	Water	10/01/13 13:10	10/02/13 04:00
480-46928-16	MW-21 100113	Water	10/01/13 13:30	10/02/13 04:00
480-46928-17	MW-24 100113	Water	10/01/13 13:50	10/02/13 04:00
480-46928-18	QC TRIP BLANK	Water	10/01/13 00:00	10/02/13 04:00

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: MARTIN Koennecke	Lab PM: Deyo, Melissa L	Carrier Tracking No(s):	COC No: 480-39904-10564.1
Client Contact: Mr. Yuri Veliz	Phone: 315 729-1300	E-Mail: melissa.deyo@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	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 - Na2S2SO3, 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 #: Purchase Order Requested		
Email: Yuri.Veliz@obg.com	WO #:		Other:
Project Name: Former Accurate Die Cast	Project #: 48008584		
Site:	SSOW#:		

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - TCL Volatiles	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A		
MW-5 100113	10-1-13	7:50	G	Water			3	3	
MW-6 100113	10-1-13	8:15	G	Water			3		
PZ-1 100113	10-1-13	8:35	G	Water			3		
MW-11 100113	10-1-13	9:00	G	Water			3		
MW-10 100113	10-1-13	9:20	G	Water			3		
MW-12 100113	10-1-13	10:00	G	Water			3		
MW-9 100113	10-1-13	10:20	G	Water			3		
PZ-2 100113	10-1-13	10:35	G	Water			3		
MW-17 100113	10-1-13	10:50	G	Water			3		
MW-15 100113	10-1-13	11:20	G	Water			3		
MW-16 100113	10-1-13	11:40	G	Water			3	3	

480-46928 Chain of Custody

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

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

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

Special Instructions/QC Requirements:

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	Martin Koennecke	10-1-13 / 14:50	OBG		10-1-13, 14:50	
2		10-1-13 19:00			10-2-13 0400	
3		Date/Time:	Company	Received by:	Date/Time:	Company

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

Cooler Temperature(s) °C and Other Remarks: 2.7 #1

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: MARTIN Koenneke	Lab PM: Deyo, Melissa L	Carrier Tracking No(s):	COC No: 480-39904-10564.2
Client Contact: Mr. Yuri Veliz	Phone: 315-729-1300	E-Mail: melissa.deyo@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
City: East Syracuse	TAT Requested (days):	
State, Zip: NY, 13221		
Phone: 315-956-6100(Tel) 315-463-7554(Fax)	PO #: Purchase Order Requested	
Email: Yuri.Veliz@obg.com	WO #:	
Project Name: Former Accurate Die Cast	Project #: 48008584	
Site:	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 - Na2S2SO3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - ph 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - TCL Volatiles	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A		
MW-13 100113	10-1-13	12:00	G	Water			3	3	
MW-14 100113	10-1-13	12:15	G	Water			3		
MW-18 100113	10-1-13	12:50	G	Water			3		
MW-22 100113	10-1-13	1310	G	Water			3		
MW-21 100113	10-1-13	1330	G	Water			3		
MW-24 100113	10-1-13	1350	G	Water			3	3	
QC TRIP BLANK							1	1	

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 Koenneke	10-1-13 / 14:50	OBG	Received by:	10-1-13, 14:50	SyR
Relinquished by:	10-1-13 19:00		Received by:	10-2-13 0700	TAL
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No

Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 2.7 #1

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 480-46928-1

Login Number: 46928

List Source: TestAmerica Buffalo

List Number: 1

Creator: Wienke, Robert K

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.	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	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	OBG
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	