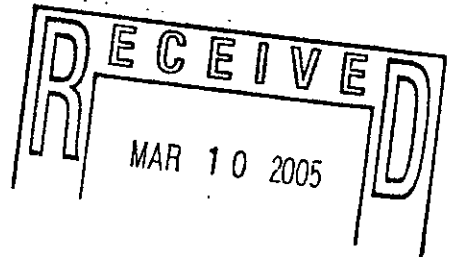


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March 7, 2005

Mr. John C. Grathwol, P.E.  
Bureau of Construction Services - Division of Hazardous Waste Remediation  
New York State Department of Environmental Conservation  
625 Broadway  
Albany, NY 12233-7013



Re: Former Accurate Die Casting Site  
Fayetteville, NY

File: 2488/25463 #2

Dear Mr. Grathwol:

This letter presents the status of ground water treatment plant operations for the former Accurate Die Casting site in Fayetteville, New York for the fourth quarter of 2004 (September 30 to 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:**

1. As of December 30, 2004, a total of 61,015,290 gallons of groundwater has been treated since startup on February 5, 1996. Since September 30, 2004, 1,094,300 gallons of groundwater have been treated; 349,430 gallons from recovery well RW-1, 744,530 gallons from recovery well RW-2, 290 gallons from the sump located outside the northeast corner of the building, and 50 gallons from the groundwater collection trench constructed in the former VOC/PAH/PCB Soils Area.
2. 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 in October, November, and December 2004 are summarized in Table 1. The laboratory analytical data sheets are provided as Attachment A.
3. O'Brien & Gere conducted the annual round of ground water level measurements and sampling using passive diffusion bags. Table 2 presents the ground water elevation summary. Ground water was collected from the following monitoring wells: MW-5, MW-9, MW-12, MW-14, MW-15B, MW-16B, MW-17, MW-21, MW-22, MW-24, PZ-1 and PZ-2. The sample from each of the recovery wells listed above was analyzed for VOCs. The laboratory analytical data sheets are provided as Attachment B. Tables 2 and 3 summarize the data.
4. The spent carbon in GAC vessel 2 was removed for disposal on January 5, 2005. After replacing the carbon, the valves were configured to place GAC vessel 1 into lead service and vessel 2 into lag service.



Mr. John C. Grathwol, P.E.

March 7, 2005

Page 2

**Activities Scheduled:**

1. Continue operation of the ground water recovery and treatment system, including SPDES monitoring.

If you have any questions regarding this report, please do not hesitate to call me at (315) 437-6100.

Very truly yours,

O'BRIEN & GERE ENGINEERS, INC.



Alfred R. Farrell, P.E.  
Project Associate

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**Attachments**

cc: James Burke – NYSDEC Region 7  
Director, Bureau of Environmental Exposure Investigation – NYSDOH  
H. Hamel – NYSDOH  
T. Slutzky – The Anderson Company  
J. Sutphen – O'Brien & Gere, Office of General Counsel  
G. Swenson – O'Brien & Gere Engineers, Inc.  
W. Monette – O'Brien & Gere Engineers, Inc.  
D. Carnevale – O'Brien & Gere Engineers, Inc.

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

Analyte (units)	Monitoring Requirements				Effluent	Effluent	Effluent	Effluent
	Discharge Limitation Daily Average	Discharge Limitation Daily Maximum	Minimum Measurement Frequency(1)	Sample Type	10/01/2004	10/04/2004	10/05/2004	10/06/2004
Flow (GPD)	Monitor	150000	Continuous	Meter	13020	13097	12800	12970
pH (SU)	6.5 - 8.5		2/Week	Grab	7.07	7.07	7.09	7.09
Residue, non-filterable (mg/L)	Monitor	20	Weekly	3-hr comp.	---	---	---	---
Total dissolved solids (TDS) (mg/L)	Monitor	Monitor	Weekly	3-hr comp.	---	---	---	---
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	---	---	---	---
trans-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab	---	---	---	---
Methylene chloride (ug/L)	Monitor	20	2/Month	Grab	---	---	---	---
1,1,2,2-Tetrachloroethane (ug/L)	Monitor	10	2/Month	Grab	---	---	---	---
Tetrachloroethene (ug/L)	Monitor	10	2/Month	Grab	---	---	---	---
Toluene (ug/L)	Monitor	20	2/Month	Grab	---	---	---	---
Trichloroethene (ug/L)	Monitor	10	2/Month	Grab	---	---	---	---

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



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

Analyte	Effluent 10/07/2004	Effluent 10/08/2004	Effluent 10/11/2004	Effluent 10/12/2004	Effluent 10/13/2004	Effluent 10/14/2004	Effluent 10/15/2004	Effluent 10/18/2004
Flow (GPD)	12891	12790	12827	12810	12810	12770	12750	12620
pH (SU)	7.09	7.09	7.11	7.11	7.11	7.11	7.11	7.11
Residue, non-filterable (mg/L)	5.0 U	---	---	---	---	5.0 U	---	---
Total dissolved solids (TDS) (mg/L)	710	---	---	---	---	580	---	---
Mercury, total (mg/L)	---	---	---	---	---	---	---	---
Zinc, total (mg/L)	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethene (ug/L)	0.50 U	---	---	---	---	---	---	---
trans-1,2-Dichloroethene (ug/L)	0.50 U	---	---	---	---	---	---	---
Methylene chloride (ug/L)	2.0 U	---	---	---	---	---	---	---
1,1,2,2-Tetrachloroethane (ug/L)	0.50 U	---	---	---	---	---	---	---
Tetrachloroethene (ug/L)	0.50 U	---	---	---	---	---	---	---
Toluene (ug/L)	0.50 U	---	---	---	---	---	---	---
Trichloroethene (ug/L)	0.50 U	---	---	---	---	---	---	---

NOTES: (1) Minimum monitoring requirements based on the SPDES permit modified November 21, 1997.  
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**Table 1**  
**Accurate Die Casting Site**  
**Fayetteville, New York**  
**Monitoring Requirements and Effluent Data**

Analyte	Effluent 10/19/2004	Effluent 10/21/2004	Effluent 10/22/2004	Effluent 10/25/2004	Effluent 10/26/2004	Effluent 10/27/2004	Effluent 10/28/2004	Effluent 10/29/2004
Flow (GPD)	12500	12586	12794	12603	12551	12540	12490	12500
pH (SU)	7.11	7.11	7.13	7.13	7.11	7.11	7.11	7.11
Residue, non-filterable (mg/L)	---	---	5.0 U	---	---	---	5.0 U	---
Total dissolved solids (TDS) (mg/L)	---	---	580	---	---	---	590	---
Mercury, total (mg/L)	---	---	---	---	---	---	---	---
Zinc, total (mg/L)	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethene (ug/L)	---	---	0.50 U	---	---	---	---	---
trans-1,2-Dichloroethene (ug/L)	---	---	0.50 U	---	---	---	---	---
Methylene chloride (ug/L)	---	---	2.0 U	---	---	---	---	---
1,1,2,2-Tetrachloroethane (ug/L)	---	---	0.50 U	---	---	---	---	---
Tetrachloroethene (ug/L)	---	---	0.50 U	---	---	---	---	---
Toluene (ug/L)	---	---	0.50 U	---	---	---	---	---
Trichloroethene (ug/L)	---	---	0.50 U	---	---	---	---	---

NOTES: (1) Minimum monitoring requirements based on the SPDES permit modified November 21, 1997.  
 --- - Not analyzed, NA - Data not available  
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**Table 1**  
**Accurate Die Casting Site**  
**Fayetteville, New York**  
**Monitoring Requirements and Effluent Data**

Analyte	Effluent 11/01/2004	Effluent 11/02/2004	Effluent 11/03/2004	Effluent 11/05/2004	Effluent 11/08/2004	Effluent 11/09/2004	Effluent 11/10/2004	Effluent 11/11/2004
Flow (GPD)	12243	12170	12030	12070	13617	11850	11730	11980
pH (SU)	7:11	7:11	7:11	7:11	7:13	7:13	7:13	7:11
Residue, non-filterable (mg/L)	---	---	---	5.0 U	---	---	---	5.0 U
Total dissolved solids (TDS) (mg/L)	---	---	---	620	---	---	---	640
Mercury, total (mg/L)	---	---	---	---	---	---	---	---
Zinc, total (mg/L)	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethene (ug/L)	---	---	---	0.50 U	---	---	---	---
trans-1,2-Dichloroethene (ug/L)	---	---	---	0.50 U	---	---	---	---
Methylene chloride (ug/L)	---	---	---	2.0 U	---	---	---	---
1,1,2,2-Tetrachloroethane (ug/L)	---	---	---	0.50 U	---	---	---	---
Tetrachloroethene (ug/L)	---	---	---	0.50 U	---	---	---	---
Toluene (ug/L)	---	---	---	0.50 U	---	---	---	---
Trichloroethene (ug/L)	---	---	---	0.50 U	---	---	---	---

NOTES: (1) Minimum monitoring requirements based on the SPDES permit modified November 21, 1997.  
 --- - Not analyzed, NA - Data not available  
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**Table 1**  
**Accurate Die Casting Site**  
**Fayetteville, New York**  
**Monitoring Requirements and Effluent Data**

Analyte	Effluent 11/15/2004	Effluent 11/16/2004	Effluent 11/17/2004	Effluent 11/18/2004	Effluent 11/19/2004	Effluent 11/23/2004	Effluent 11/24/2004	Effluent 11/25/2004
Flow (GPD)	11858	11520	11242	11628	11413	11198	11050	10892
pH (SU)	7.11	7.11	7.11	7.12	7.11	7.13	7.13	7.13
Residue, non-filterable (mg/L)	---	---	---	5.0 U	---	---	5.0 U	---
Total dissolved solids (TDS) (mg/L)	---	---	---	640	---	---	620	---
Mercury, total (mg/L)	---	---	---	---	---	---	---	---
Zinc, total (mg/L)	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethene (ug/L)	---	---	---	0.50 U	---	---	---	---
trans-1,2-Dichloroethene (ug/L)	---	---	---	0.50 U	---	---	---	---
Methylene chloride (ug/L)	---	---	---	2.0 U	---	---	---	---
1,1,2,2-Tetrachloroethane (ug/L)	---	---	---	0.50 U	---	---	---	---
Tetrachloroethene (ug/L)	---	---	---	0.50 U	---	---	---	---
Toluene (ug/L)	---	---	---	0.50 U	---	---	---	---
Trichloroethene (ug/L)	---	---	---	0.50 U	---	---	---	---

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

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

Analyte	Effluent 11/29/2004	Effluent 11/30/2004	Effluent 12/01/2004	Effluent 12/02/2004	Effluent 12/03/2004	Effluent 12/06/2004	Effluent 12/07/2004	Effluent 12/08/2004
Flow (GPD)	10892	10840	11220	10920	11220	11220	11160	11440
pH (SU)	7.13	7.13	7.13	7.13	7.13	7.13	7.13	7.13
Residue, non-filterable (mg/L)	---	---	---	---	5.0 U	---	---	---
Total dissolved solids (TDS) (mg/L)	---	---	---	---	610	---	---	---
Mercury, total (mg/L)	---	---	---	---	---	---	---	---
Zinc, total (mg/L)	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethene (ug/L)	---	---	---	---	0.50 U	---	---	---
trans-1,2-Dichloroethene (ug/L)	---	---	---	---	0.50 U	---	---	---
Methylene chloride (ug/L)	---	---	---	---	2.0 U	---	---	---
1,1,2,2-Tetrachloroethane (ug/L)	---	---	---	---	0.50 U	---	---	---
Tetrachloroethene (ug/L)	---	---	---	---	0.50 U	---	---	---
Toluene (ug/L)	---	---	---	---	0.50 U	---	---	---
Trichloroethene (ug/L)	---	---	---	---	0.50 U	---	---	---

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

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

Analyte	Effluent 12/21/2004	Effluent 12/22/2004	Effluent 12/23/2004	Effluent 12/27/2004	Effluent 12/28/2004	Effluent 12/29/2004	Effluent 12/30/2004
Flow (GPD)	12340	12320	12260	12290	12190	12360	12403
pH (SU)	7.16	7.13	7.13	7.16	7.16	7.13	7.16
Residue, non-filterable (mg/L)	---	---	5.0 U	---	---	5.0 U	---
Total dissolved solids (TDS) (mg/L)	---	---	590	---	---	630	---
Mercury, total (mg/L)	---	---	---	---	---	1 U	---
Zinc, total (mg/L)	---	---	---	---	---	---	---
cis-1,2-Dichloroethene (ug/L)	---	---	---	---	---	---	---
trans-1,2-Dichloroethene (ug/L)	---	---	---	---	---	---	---
Methylene chloride (ug/L)	---	---	---	---	---	---	---
1,1,2,2-Tetrachloroethane (ug/L)	---	---	---	---	---	---	---
Tetrachloroethene (ug/L)	---	---	---	---	---	---	---
Toluene (ug/L)	---	---	---	---	---	---	---
Trichloroethene (ug/L)	---	---	---	---	---	---	---

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



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

WELL #	Ground Elevation (ft)	Well Casing Elevation (ft)	Screened Interval Elevation (ft)	Ground Water Elevation (ft) 05/28/1992	Ground Water Elevation (ft) 06/26/1992	Ground Water Elevation (ft) 08/07/1992	Ground Water Elevation (ft) 09/26/1994	Ground Water Elevation (ft) 09/27/1994	Ground Water Elevation (ft) 10/18/1994
MW-01	99.36	101.11	75.4 - 85.4	DRY	DRY	79.69	---	---	DRY
MW-02	91.80	94.68	76.6 - 86.6	83.21	82.81	84.32	83.10	83.28	80.12
MW-03	97.65	99.63	73.7 - 83.7	80.44	80.09	81.63	AB	AB	AB
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	60.50	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	53.90	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	43.0 - 53.0	61.15	61.99	61.69	---	---	56.02
MW-11 (B)	91.48	93.80	43.1 - 53.1	62.34	63.70	63.66	58.41	58.39	57.47
MW-12	93.62	94.14	51.9 - 61.9	62.24	60.74	62.77	59.77	59.79	59.31
MW-13	98.80	98.70	77.7 - 87.7	DRY	80.62	80.92	---	---	78.70
MW-14	98.76	100.62	74.6 - 84.6	75.11	79.07	81.54	---	---	86.18
MW-15 (B)	96.10	98.90	32.7 - 42.7	NI	NI	NI	---	---	53.47
MW-16 (B)	98.50	100.85	50.8 - 60.8	NI	NI	NI	---	---	61.67
MW-17	66.90	69.24	53.7 - 63.7	NI	NI	NI	54.61	54.61	54.08
MW-18	76.50	78.29	61.5 - 71.5	NI	NI	NI	NI	NI	NI
MW-19	69.50	71.27	46.5 - 56.5	NI	NI	NI	NI	NI	NI
MW-20	70.98	72.89	51.9 - 61.9	NI	NI	NI	NI	NI	NI
MW-21	69.90	71.87	59.5 - 64.5	NI	NI	NI	NI	NI	NI
MW-22	71.50	73.34	60.9 - 65.9	NI	NI	NI	NI	NI	NI
MW-23 (B)	89.80	91.72	17.3 - 22.3	NI	NI	NI	NI	NI	NI
MW-24				NI	NI	NI	NI	NI	NI
PZ-01	81.80	83.95	49.8 - 59.8	NI	NI	NI	59.56	59.57	59.10
PZ-02	80.60	83.06	42.8 - 52.8	NI	NI	NI	59.35	59.36	58.89
RW-01	78.40	80.28	29.4-39.4 - 45.4-50.4	NI	NI	NI	56.88	56.89	58.22
RW-02 (B)	91.58	95.18	NA - NA	NI	NI	NI	NI	NI	NI
SUMP	NA	97.93	NA - NA	NI	NI	NI	NI	NI	NI

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 start-up 02/06/96; System shutdown 02/15/96; System restored 02/20/96. 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.





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

WELL #	Ground Water Elevation (ft) 11/02/1994	Ground Water Elevation (ft) 11/17/1994	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) 01/13/1995	Ground Water Elevation (ft) 01/25/1995	Ground Water Elevation (ft) 02/09/1995	Ground Water Elevation (ft) 02/23/1995
MW-01	---	---	---	---	---	---	---	---	---
MW-02	---	---	---	---	---	---	---	---	---
MW-03	AB	AB	AB	AB	AB	AB	AB	AB	AB
MW-04	---	---	---	---	---	---	---	---	---
MW-05	---	---	---	---	---	---	---	---	---
MW-06	---	---	---	---	---	---	---	---	---
MW-07 (B)	---	---	---	---	---	---	---	---	---
MW-08	---	---	---	---	---	---	---	---	---
MW-09	---	---	---	---	---	---	---	---	---
MW-10 (B)	55.07	55.19	54.94	55.19	55.02	54.94	54.95	54.52	54.36
MW-11 (B)	50.01	56.68	55.59	56.63	56.55	55.63	55.63	56.13	55.63
MW-12	---	---	---	---	---	---	---	---	---
MW-13	82.92	78.21	78.21	80.92	78.34	78.25	77.83	77.84	77.75
MW-14	80.12	80.54	80.54	80.20	80.54	80.62	80.45	78.95	79.54
MW-15 (B)	---	---	---	---	---	---	---	---	---
MW-16 (B)	---	---	---	---	---	---	---	---	---
MW-17	---	---	---	---	---	---	---	---	---
MW-18	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-19	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 (B)	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-24	NI	NI	NI	NI	NI	NI	NI	NI	NI
PZ-01	---	---	---	---	---	---	---	---	---
PZ-02	---	---	---	---	---	---	---	---	---
RW-01	---	---	---	---	---	---	---	---	---
RW-02 (B)	NI	NI	NI	NI	NI	NI	NI	NI	NI
SUMP	76.04	74.83	75.00	75.17	74.83	75.00	75.00	74.88	75.00

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 start-up 02/06/96; System shutdown 02/15/96; System restored 02/20/96. 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.





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

WELL #	Ground Water Elevation (ft) 03/09/1995	Ground Water Elevation (ft) 04/26/1995	Ground Water Elevation (ft) 07/25/1995	Ground Water Elevation (ft) 10/17/1995	Ground Water Elevation (ft) 02/05/1996	Ground Water Elevation (ft) 02/07/1996	Ground Water Elevation (ft) 02/15/1996	Ground Water Elevation (ft) 02/16/1996	Ground Water Elevation (ft) 02/20/1996
MW-01	---	DRY	DRY	DRY	77.06	76.64	75.30	DRY	DRY
MW-02	---	83.28	82.42	84.22	84.04	83.87	83.41	83.34	83.15
MW-03	AB	AB	AB	AB	AB	AB	AB	AB	AB
MW-04	---	51.44	45.94	50.05	53.60	52.06	55.39	54.43	52.46
MW-05	---	60.34	58.78	---	61.26	61.01	60.80	60.73	60.50
MW-06	---	60.02	58.52	58.10	60.86	60.44	60.41	60.11	59.80
MW-07 (B)	---	54.51	53.27	52.71	55.16	54.67	55.03	54.52	54.45
MW-08	---	63.41	59.82	60.76	66.61	66.40	65.93	65.84	65.47
MW-09	---	60.10	58.56	58.16	60.95	60.70	60.48	60.35	60.07
MW-10 (B)	55.02	57.49	54.60	54.61	62.00	59.88	62.11	60.42	59.96
MW-11 (B)	56.55	58.86	55.72	55.31	62.63	60.37	62.67	60.88	60.35
MW-12	---	60.30	58.76	58.35	61.11	60.83	60.65	60.50	60.21
MW-13	77.67	DRY	DRY	DRY	80.00	79.98	79.91	79.90	79.88
MW-14	80.12	80.61	80.61	80.72	79.91	80.02	80.28	80.29	80.35
MW-15 (B)	---	54.71	51.60	50.47	59.24	59.37	59.79	59.63	59.56
MW-16 (B)	---	63.86	59.41	58.06	67.14	67.17	66.90	66.79	66.57
MW-17	---	59.02	57.71	DRY	60.29	60.17	59.75	59.70	59.52
MW-18	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-19	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 (B)	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-24	NI	NI	NI	NI	NI	NI	NI	NI	NI
PZ-01	---	60.08	58.58	58.16	60.92	60.61	60.46	60.28	59.99
PZ-02	---	59.88	58.37	57.97	60.70	60.30	60.26	59.97	59.66
RW-01	---	59.14	57.60	57.11	59.64	55.04	59.22	54.71	54.40
RW-02 (B)	NI	NI	NI	56.05	63.80	59.98	63.83	60.67	60.09
SUMP	78.00	75.09	75.25	76.94	74.67	74.68	74.64	74.63	74.63

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 start-up 02/06/96; System shutdown 02/15/96; System restored 02/20/96. 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.



**O'BRIEN & GERE**  
ENGINEERS, INC.

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

WELL #	Ground Water Elevation (ft) 02/22/1996	Ground Water Elevation (ft) 02/29/1996	Ground Water Elevation (ft) 03/07/1996	Ground Water Elevation (ft) 03/21/1996	Ground Water Elevation (ft) 04/04/1996	Ground Water Elevation (ft) 04/10/1996	Ground Water Elevation (ft) 04/18/1996	Ground Water Elevation (ft) 05/02/1996	Ground Water Elevation (ft) 06/06/1996
MW-01	DRY	75.36	75.17	77.34	DRY	DRY	DRY	77.73	DRY
MW-02	83.32	83.67	83.50	84.24	83.68	83.68	84.86	85.35	83.17
MW-03	AB	AB	AB	AB	AB	AB	AB	AB	AB
MW-04	60.37	58.14	55.10	59.26	52.66	54.43	60.28	59.70	51.63
MW-05	60.40	60.14	59.73	58.85	58.32	58.14	58.20	58.71	60.54
MW-06	59.75	59.45	58.96	58.02	57.48	57.28	57.41	58.17	59.91
MW-07 (B)	54.58	54.46	54.32	54.29	54.17	54.15	54.32	54.75	55.02
MW-08	65.42	65.12	64.68	64.76	64.10	63.83	64.08	65.43	67.07
MW-09	60.02	59.71	59.22	58.30	57.78	57.59	57.73	58.46	60.18
MW-10 (B)	59.91	59.64	59.43	59.07	58.81	58.72	58.61	59.72	62.25
MW-11 (B)	60.29	59.99	59.78	59.38	59.10	59.01	58.94	60.35	62.68
MW-12	60.16	59.86	59.37	58.44	57.93	57.74	57.86	58.59	60.33
MW-13	79.87	79.86	79.77	79.68	79.60	79.57	79.52	79.44	79.28
MW-14	80.38	80.44	80.45	80.49	80.52	80.55	78.14	79.29	80.56
MW-15 (B)	59.56	59.46	59.40	59.14	59.07	59.04	58.84	59.87	62.62
MW-16 (B)	66.52	66.39	66.17	65.99	65.99	65.90	65.84	67.02	68.40
MW-17	59.64	59.42	59.28	59.30	59.27	59.14	59.30	59.95	59.22
MW-18	NI	NI	NI	NI	NI	NI	NI	NI	72.95
MW-19	NI	NI	NI	NI	NI	NI	NI	NI	DRY
MW-20	NI	NI	NI	NI	NI	NI	NI	NI	DRY
MW-21	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-22	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-23 (B)	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-24	NI	NI	NI	NI	NI	NI	NI	NI	NI
PZ-01	59.93	59.63	59.14	58.21	57.67	57.47	57.60	58.34	60.09
PZ-02	59.61	59.33	58.83	57.90	57.39	57.19	57.30	58.04	59.77
RW-01	54.35	54.05	53.58	52.76	52.24	52.03	52.11	52.69	53.82
RW-02 (B)	59.97	59.63	59.41	58.95	58.63	58.52	58.41	59.63	62.56
SUMP	75.30	74.90	74.65	74.87	74.69	74.99	75.89	75.76	74.73

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 start-up 02/06/96; System shutdown 02/15/96; System restored 02/20/96. 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.

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

WELL #	Ground Water Elevation (ft) 07/16/1996	Ground Water Elevation (ft) 09/05/1996	Ground Water Elevation (ft) 10/21/1996	Ground Water Elevation (ft) 11/19/1996	Ground Water Elevation (ft) 01/16/1997	Ground Water Elevation (ft) 02/04/1997	Ground Water Elevation (ft) 04/15/1997	Ground Water Elevation (ft) 07/08/1997	Ground Water Elevation (ft) 10/22/1997
MW-01	DRY	DRY	DRY	76.60	75.15	---	75.64	DRY	DRY
MW-02	83.32	82.57	83.18	84.22	83.56	---	83.81	83.09	82.84
MW-03	AB	AB	AB	AB	AB	AB	AB	AB	AB
MW-04	52.45	DRY	55.91	55.91	53.12	---	AB	AB	AB
MW-05	58.98	56.33	55.40	56.49	59.15	---	59.83	59.16	58.34
MW-06	58.13	54.95	53.71	55.61	58.39	---	59.34	58.58	57.97
MW-07 (B)	53.95	52.44	51.22	52.68	54.28	---	54.70	52.93	50.63
MW-08	64.50	59.05	59.56	63.61	64.67	---	65.15	61.65	58.90
MW-09	58.38	55.38	54.24	56.64	58.65	---	59.60	58.76	58.00
MW-10 (B)	59.17	53.88	51.06	54.95	59.61	---	58.11	53.44	50.75
MW-11 (B)	59.53	54.72	52.88	55.85	60.15	---	58.59	55.20	52.50
MW-12	58.54	55.48	54.30	56.18	58.81	---	59.72	58.92	58.21
MW-13	79.35	79.15	79.07	80.68	80.49	---	80.33	79.84	79.53
MW-14	80.66	80.59	80.61	80.08	80.59	---	80.53	80.55	80.58
MW-15 (B)	59.24	54.83	51.58	51.99	58.83	---	59.83	56.63	50.48
MW-16 (B)	65.57	63.31	60.09	61.06	66.13	---	66.89	64.43	58.45
MW-17	58.46	57.89	55.96	58.02	59.33	---	59.64	58.33	DRY
MW-18	72.32	70.81	70.77	73.04	73.31	72.78	73.60	71.34	69.71
MW-19	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-20	50.26	DRY	DRY	DRY	DRY	---	AB	AB	AB
MW-21	NI	NI	NI	NI	NI	63.69	63.74	63.06	62.93
MW-22	NI	NI	NI	NI	NI	63.69	67.92	67.35	65.96
MW-23 (B)	NI	NI	NI	NI	NI	NI	37.71	35.61	32.29
MW-24	NI	NI	NI	NI	NI	NI	NI	NI	NI
PZ-01	58.31	55.13	53.90	55.83	58.57	---	59.51	58.70	58.01
PZ-02	57.97	54.90	53.53	55.25	58.23	---	59.13	58.34	57.65
RW-01	51.94	48.05	41.80	47.33	50.74	---	50.30	43.34	42.03
RW-02 (B)	59.14	51.01	42.02	55.39	60.03	---	55.69	44.07	42.89
SUMP	74.78	74.56	74.85	74.77	74.71	---	74.94	75.01	74.75

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 & Wheeler). MW-03 was removed as part of the TCE Soils Interim Remedial Measure (IRM) completed in September 1994. System start-up 02/06/96; System shutdown 02/15/96; System restored 02/20/96. 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.



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

WELL #	Ground Water Elevation (ft) 01/29/1998	Ground Water Elevation (ft) 04/15/1998	Ground Water Elevation (ft) 10/20/1998	Ground Water Elevation (ft) 04/28/1999	Ground Water Elevation (ft) 10/19/1999	Ground Water Elevation (ft) 04/06/2000	Ground Water Elevation (ft) 11/07/2000	Ground Water Elevation (ft) 07/03/2001	Ground Water Elevation (ft) 11/08/2001
MW-01	DRY	DRY	DRY	DRY	DRY	80.92	DRY	77.46	76.87
MW-02	83.47	83.52	83.54	83.38	84.44	86.58	83.06	84.33	83.67
MW-03	AB	AB	AB	AB	AB	AB	AB	AB	AB
MW-04	AB	AB	AB	AB	AB	AB	AB	AB	AB
MW-05	60.86	61.05	60.04	59.91	55.35	60.52	59.83	60.92	60.10
MW-06	60.46	60.57	59.69	59.11	53.34	60.36	59.40	55.87	59.67
MW-07 (B)	52.90	53.82	51.76	54.57	51.73	54.87	DRY	53.34	51.92
MW-08	64.98	67.17	59.86	64.21	62.37	66.41	61.45	65.63	60.92
MW-09	60.51	60.56	59.71	59.68	54.25	60.62	59.42	60.51	59.68
MW-10 (B)	55.78	61.08	51.88	57.97	51.32	57.60	52.73	57.22	52.60
MW-11 (B)	56.75	61.73	53.98	58.36	53.31	59.39	54.66	59.15	54.73
MW-12	60.67	60.80	59.89	59.53	54.09	60.71	59.62	60.63	59.87
MW-13	78.87	78.67	78.31	78.08	80.75	80.89	80.53	79.95	80.10
MW-14	80.78	80.78	80.64	80.54	80.67	80.60	80.75	79.74	80.77
MW-15 (B)	56.34	62.10	52.58	58.94	50.95	58.81	54.32	58.98	53.52
MW-16 (B)	65.71	68.03	61.84	65.99	59.81	66.92	63.57	66.14	63.58
MW-17	59.70	59.51	57.93	58.76	57.47	60.28	58.33	58.55	58.02
MW-18	73.50	73.29	70.74	72.46	70.78	75.08	71.61	72.09	71.36
MW-19	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-20	AB	AB	AB	AB	AB	AB	AB	AB	AB
MW-21	63.82	63.54	63.23	63.31	62.69	64.42	62.59	62.53	62.58
MW-22	68.51	68.39	67.83	68.05	67.69	68.52	66.42	68.13	68.15
MW-23 (B)	34.95	37.95	33.57	36.76	32.48	36.69	33.97	36.21	33.25
MW-24	NI	NI	NI	-7.38*	-10.22*	-9.96*	-10.43*	-10.41*	-10.39*
PZ-01	60.50	60.61	59.70	59.30	53.65	60.51	59.44	---	59.70
PZ-02	60.22	60.34	59.46	59.03	52.71	60.17	59.16	---	59.48
RW-01	43.13	32.60	32.36	54.69	---	50.73	40.88	---	36.48
RW-02 (B)	52.74	59.94	44.33	56.74	---	54.52	42.86	---	42.97
SUMP	74.89	74.96	75.20	75.26	---	78.49	74.91	75.33	75.05

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 start-up 02/06/96; System shutdown 02/15/96; System restored 02/20/96. 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.



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

WELL #	Ground Water Elevation (ft) 04/03/2002	Ground Water Elevation (ft) 10/09/2002	Ground Water Elevation (ft) 12/28/2004
MW-01	77.42	101.11	76.70
MW-02	84.28	83.60	83.67
MW-03	AB	AB	AB
MW-04	AB	AB	AB
MW-05	60.80	58.42	60.79
MW-06	60.42	59.84	60.35
MW-07 (B)	53.59	52.34	54.11
MW-08	64.16	60.73	63.24
MW-09	60.47	59.85	60.36
MW-10 (B)	56.07	54.57	54.86
MW-11 (B)	57.19	54.77	56.54
MW-12	60.64	60.06	60.54
MW-13	78.65	79.62	83.48
MW-14	80.48	82.87	81.72
MW-15 (B)	59.03	54.40	57.78
MW-16 (B)	66.25	63.50	65.64
MW-17	59.24	57.58	58.91
MW-18	73.75	69.84	72.88
MW-19	DRY	DRY	DRY
MW-20	AB	AB	AB
MW-21	63.39	61.82	62.54
MW-22	68.71	67.24	63.41
MW-23 (B)	35.68	33.63	36.49
MW-24	-10.35*	-10.30*	-10.33*
PZ-01	60.45	59.87	60.40
PZ-02	60.18	59.65	60.23
RW-01	36.53	34.88	---
RW-02 (B)	49.85	44.13	---
SUMP	75.13	74.94	---

NOTES: NI-Well not installed at time of monitoring, NA-Data not available, AB-Well was abandoned, --- Water level not monitored, (B)-Bedrock 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 & Wheeler). MW-03 was removed as part of the TCE Soils Interim Remedial Measure (IRM) completed in September 1994. System start-up 02/06/96; System shutdown 02/15/96; System restored 02/20/96. 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 Trichloroethylene Concentrations**

Date Sampled:	08/1989	12/1989	05/1990	05/1992	07/1994	10/1994	02/1995	04/1995	07/1995
TCE	TCE	TCE	TCE	TCE	TCE	TCE	TCE	TCE	TCE
ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
WELL #									
MW-01	112	ND	2	ND	---	DRY	---	DRY	DRY
MW-02	ND	ND	1	ND	---	ND	ND	ND	ND
MW-03	Product	>55000	440000	340000	AB	AB	AB	AB	AB
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 (B)	---	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 (B)	---	---	---	4500	1600	1300	1400	1200	900
MW-11 (B)	---	---	---	5200	5500	5300	4300	3900	4000
MW-12	---	---	---	36	44	35	33	30	25
MW-13	---	---	---	110	740	510	---	DRY	DRY
MW-14	---	---	---	67	150	120	79	95	140
MW-15 (B)	---	---	---	NI	---	14	11	10	17
MW-16 (B)	---	---	---	NI	---	6	17	7	18
MW-17	---	---	---	NI	260	140	200	130	160
MW-18	---	---	---	NI	NI	NI	NI	NI	NI
MW-19	---	---	---	NI	NI	NI	NI	NI	NI
MW-20	---	---	---	NI	NI	NI	NI	NI	NI
MW-21	---	---	---	NI	NI	NI	NI	NI	NI
MW-22	---	---	---	NI	NI	NI	NI	NI	NI
MW-23 (B)	---	---	---	---	---	---	---	---	---
MW-24	NI	NI	NI	NI	NI	NI	NI	NI	NI
PZ-01	---	---	---	---	---	---	---	---	120
PZ-02	---	---	---	---	---	---	---	490	400
RW-01	---	---	---	NI	---	---	---	---	---
RW-02 (B)	---	---	---	NI	NI	NI	NI	NI	NI
SUMP	---	---	---	NI	NI	NI	---	---	---

NOTES: ND - Not detected above method detection limit, --- - 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.





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

WELL #	Date Sampled: 10/1995 TCE ug/L	01/1996 TCE ug/L	04/1996 TCE ug/L	05/1996 TCE ug/L	07/1996 TCE ug/L	10/1996 TCE ug/L	01/1997 TCE ug/L	04/1997 TCE ug/L	07/1997 TCE ug/L
MW-01	DRY	---	DRY	---	DRY	---	---	---	DRY
MW-02	ND	---	---	---	---	ND	---	---	---
MW-03	AB	AB	AB	AB	AB	AB	AB	AB	AB
MW-04	15	---	---	---	---	62	---	AB	AB
MW-05	---	---	---	---	---	180	---	---	---
MW-06	180	170	110	---	98	71	75	52	---
MW-07 (B)	ND	---	---	---	---	ND	---	---	---
MW-08	ND	---	---	---	---	ND	---	---	---
MW-09	68	100	64	---	65	50	95	83	66
MW-10 (B)	890	900	820	---	960	1700	1900	1200	---
MW-11 (B)	2600	2500	1500	---	1400	1600	1500	800	---
MW-12	29	---	---	---	---	17	---	---	---
MW-13	DRY	---	---	---	---	370	---	---	---
MW-14	78	84	250	---	230	170	390	400	260
MW-15 (B)	7	---	---	---	---	20	---	---	---
MW-16 (B)	20	---	---	---	---	11	---	---	---
MW-17	---	180	350	---	460	300	450	220	150
MW-18	NI	NI	NI	1200	---	2900	850	410	1800
MW-19	NI	NI	NI	---	DRY	DRY	DRY	DRY	DRY
MW-20	NI	NI	NI	70	---	DRY	DRY	AB	AB
MW-21	NI	NI	NI	NI	NI	NI	NI	520	310
MW-22	NI	NI	NI	NI	NI	NI	NI	1	3
MW-23 (B)	---	---	---	---	---	---	---	ND	ND
MW-24	NI	NI	NI	NI	NI	NI	NI	NI	NI
PZ-01	---	---	---	---	---	32	---	---	---
PZ-02	---	---	---	---	---	540	---	---	---
RW-01	---	---	---	---	---	---	---	---	---
RW-02 (B)	---	---	---	---	---	---	---	---	---
SUMP	---	170	180	---	1000	---	320	180	---

NOTES: ND - Not detected above method detection limit, --- - 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.



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

Date Sampled:	10/1997	01/1998	04/1998	10/1998	11/1998	04/1999	10/1999	04/2000	11/2000
	TCE	TCE	TCE	TCE	TCE	TCE	TCE	TCE	TCE
WELL #	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-01	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-02	ND	---	---	ND	---	---	ND	---	ND
MW-03	AB	AB	AB	AB	AB	AB	AB	AB	AB
MW-04	AB	AB	AB	AB	AB	AB	AB	AB	AB
MW-05	220	---	---	200	---	---	78	---	110
MW-06	ND	---	140	92	---	63	72	30	48
MW-07 (B)	ND	---	---	ND	---	---	ND	---	---
MW-08	---	---	---	ND	---	---	ND	---	ND
MW-09	61	140	120	80	---	120	46	69	60
MW-10 (B)	1300	---	930	880	---	720	700	530	690
MW-11 (B)	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 (B)	18	---	---	21	---	---	13	---	7
MW-16 (B)	14	---	---	4	---	---	15	---	3
MW-17	---	270	800	250	---	280	180	160	220
MW-18	3100	1000	1100	3600	---	620	1800	360	1900
MW-19	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-20	AB	AB	AB	AB	AB	AB	AB	AB	AB
MW-21	450	120	1300	180	---	510	90	42	73
MW-22	8	5	10	14	---	10	9	13	12
MW-23 (B)	ND	ND	---	ND	---	---	ND	---	ND
MW-24	NI	NI	NI	NI	6000	4300	4300	690	2400
PZ-01	48	---	---	85	---	---	410	---	29
PZ-02	420	---	---	250	---	---	18	---	160
RW-01	---	---	---	---	---	---	---	---	---
RW-02 (B)	---	---	---	---	---	---	---	---	---
SUMP	2600	---	560	850	---	400	---	490	1100

NOTES: ND - Not detected above method detection limit, --- - 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.





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

Date Sampled:	07/2001	11/2001	01/2002	04/2002	06/2002	10/2002	05/2003	09/2003	12/2003
	TCE	TCE	TCE	TCE	TCE	TCE	TCE	TCE	TCE
WELL #	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-01	DRY	ND	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-02	---	ND	---	---	---	---	---	---	---
MW-03	AB	AB	AB	AB	AB	AB	AB	AB	AB
MW-04	AB	AB	AB	AB	AB	AB	AB	AB	AB
MW-05	---	120	---	---	---	100	---	---	110
MW-06	89	92	---	---	---	92	---	---	110
MW-07 (B)	---	ND	---	---	---	---	---	---	---
MW-08	---	ND	---	---	---	---	---	---	---
MW-09	70	77	---	---	---	67	---	---	110
MW-10 (B)	600	900	---	740	---	700	530	---	570
MW-11 (B)	680	1000	---	870	---	760	940	---	620
MW-12	---	19	---	---	---	18	---	---	20
MW-13	---	520	---	---	360	370	---	---	---
MW-14	270	240	---	---	---	200	310	---	190
MW-15 (B)	---	27	---	---	---	21	---	---	26
MW-16 (B)	---	3	---	---	---	1	---	---	3
MW-17	240	230	---	---	---	290	---	---	310
MW-18	970	2000	---	350	---	2500	2100	---	2300
MW-19	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-20	AB	AB	AB	AB	AB	AB	AB	AB	AB
MW-21	35	38	---	---	---	---	---	---	12
MW-22	13	13	---	---	---	4	---	---	18
MW-23 (B)	---	ND	---	---	---	---	---	---	---
MW-24	600	1500	---	---	470	---	390	---	190
PZ-01	---	---	---	---	---	---	---	---	---
PZ-02	---	---	---	---	---	---	---	---	---
RW-01	---	---	---	---	---	---	---	---	---
RW-02 (B)	---	---	---	---	---	---	---	---	---
SUMP	1000	1500	---	210	---	1100	640	---	---

NOTES: ND - Not detected above method detection limit, --- - 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.



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

WELL #	Date Sampled: 07/2004	12/2004
	TCE ug/L	TCE ug/L
MW-01	DRY	DRY
MW-02	---	---
MW-03	AB	AB
MW-04	AB	AB
MW-05	---	98
MW-06	---	---
MW-07 (B)	---	---
MW-08	---	---
MW-09	---	110
MW-10 (B)	470	---
MW-11 (B)	490	---
MW-12	---	21
MW-13	---	---
MW-14	---	200
MW-15 (B)	---	2.1
MW-16 (B)	---	2.1
MW-17	---	140
MW-18	1600	---
MW-19	DRY	DRY
MW-20	AB	AB
MW-21	---	4.9
MW-22	---	18
MW-23 (B)	---	---
MW-24	170	96
PZ-01	---	---
PZ-02	---	---
RW-01	---	---
RW-02 (B)	---	---
SUMP	---	---

NOTES: ND - Not detected above method detection limit, --- - 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.



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

Analyte	MW-04	MW-10 (B)	MW-11 (B)	MW-12	MW-13	MW-15 (B)	MW-17	MW-17
	10/22/1996	04/29/1999	04/29/1999	10/10/2002	11/08/2001	12/08/2003	04/10/1996	10/22/1996
	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
cis-1,2-Dichloroethene	12	---	---	---	---	---	---	7
Chloroform	---	29	60	---	40	---	---	---
Tetrachloroethene	---	---	---	---	---	---	20	12
Vinyl chloride	---	---	---	---	---	---	---	---

NOTES: --- Not detected.  
 MW-04 and MW-20 were abandoned and replaced by MW-21 and MW-22 on 01/20/97.

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

Analyte	MW-17 01/16/1997 ug/L	MW-17 04/15/1997 ug/L	MW-17 07/08/1997 ug/L	MW-17 01/29/1998 ug/L	MW-17 10/20/1998 ug/L	MW-17 04/29/1999 ug/L	MW-17 11/09/2000 ug/L	MW-17 07/03/2001 ug/L
cis-1,2-Dichloroethene	---	---	---	---	---	---	15	10
Chloroform	---	---	---	---	---	---	---	---
Tetrachloroethene	22	15	18	12	17	23	7	7
Vinyl chloride	---	---	---	---	---	---	---	---

NOTES: --- Not detected.  
MW-04 and MW-20 were abandoned and replaced by MW-21 and MW-22 on 01/20/97.



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

Analyte	MW-17 11/10/2001 ug/L	MW-17 10/11/2002 ug/L	MW-18 10/22/1996 ug/L	MW-18 07/08/1997 ug/L	MW-18 10/21/1998 ug/L	MW-18 04/29/1999 ug/L	MW-18 04/06/2000 ug/L	MW-18 11/09/2000 ug/L
cis-1,2-Dichloroethene	10	22	81	66	160	37	14	100
Chloroform	---	---	---	---	---	---	---	---
Tetrachloroethene	8	---	---	---	---	---	---	---
Vinyl chloride	---	---	---	---	---	---	---	---

NOTES: --- Not detected.  
MW-04 and MW-20 were abandoned and replaced by MW-21 and MW-22 on 01/20/97.



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

Analyte	MW-21 11/10/2001 ug/L	MW-21 12/08/2003 ug/L	MW-22 01/21/1997 ug/L	MW-22 04/16/1997 ug/L	MW-22 07/08/1997 ug/L	MW-22 10/23/1997 ug/L	MW-22 01/29/1998 ug/L	MW-22 04/16/1998 ug/L
cis-1,2-Dichloroethene	240	32	5	4	9	22	11	22
Chloroform	---	---	---	---	---	---	---	---
Tetrachloroethene	---	---	---	---	---	---	---	---
Vinyl chloride	---	---	---	---	---	3	---	---

NOTES: --- Not detected.  
MW-04 and MW-20 were abandoned and replaced by MW-21 and MW-22 on 01/20/97.



Table 4

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

Analyte	MW-22 10/21/1998 ug/L	MW-22 04/29/1999 ug/L	MW-22 10/19/1999 ug/L	MW-22 04/06/2000 ug/L	MW-22 11/09/2000 ug/L	MW-22 07/03/2001 ug/L	MW-22 11/10/2001 ug/L	MW-22 10/11/2002 ug/L
cis-1,2-Dichloroethene	35	24	28	26	29	37	36	51
Chloroform	---	---	---	---	---	---	---	---
Tetrachloroethene	---	---	---	---	---	---	---	---
Vinyl chloride	---	---	---	---	---	---	---	---

NOTES: --- Not detected.  
MW-04 and MW-20 were abandoned and replaced by MW-21 and MW-22 on 01/20/97.



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

Analyte	MW-24 06/11/2002 ug/L	MW-24 05/01/2003 ug/L	MW-24 12/08/2003 ug/L	SUMP 11/08/2000 ug/L	SUMP 11/08/2001 ug/L
cis-1,2-Dichloroethene	680	410	81	51	---
Chloroform	---	---	---	---	180
Tetrachloroethene	---	---	---	---	---
Vinyl chloride	---	---	---	---	---

NOTES: --- Not detected.  
 MW-04 and MW-20 were abandoned and replaced by MW-21 and MW-22 on 01/20/97.



**ATTACHMENT A**

**SPDES PERMIT COMPLIANCE MONITORING  
LABORATORY ANALYTICAL DATA REPORT**

# O'Brien & Gere Laboratories, Inc.

# Analytical Results Method: 8260

Client: O'Brien & Gere Inc. of North America  
 Project: Former Accurate Die - Fayetteville, NY  
 Proj. Desc:  
 Package#: 9083  
 Sample: E7788  
 Sample Description: WTP EFFLUENT-GRAB  
 Instrument: HP5973 GC/MS#1  
 Units: ug/L  
 Number of analytes: 7

Job No.: 3027.001.11102  
 Certification NY No.: 10155

Collected: 10/07/04 Matrix: Water  
 Received: 10/07/04 QC Batch: 100804W1  
 Prepared: 10/08/04 %Solids:  
 Sample Size: 10 mL  
 Dilution: 1

Parameter	Result	Qual	PQL	Analyzed Notes
Methylene chloride	<2.0	U	2.0	10/08/04
trans-1,2-Dichloroethene	<.50	U	.50	10/08/04
cis-1,2-Dichloroethene	<.50	U	.50	10/08/04
Trichloroethene	<.50	U	.50	10/08/04
Toluene	<.50	U	.50	10/08/04
Tetrachloroethene	<.50	U	.50	10/08/04
1,1,2,2-Tetrachloroethane	<.50	U	.50	10/08/04

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	107		78-120
1,2-Dichloroethane-d4 (surrogate)	113		71-126
Toluene-d8 (surrogate)	107		80-120
Bromofluorobenzene (surrogate)	100		78-120

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.  
 # - Outside control limits U - Undetected at the reported level.  
 J - reported value is estimated. D - Result is diluted.  
 E - concentration exceeded the calibration range and is estimated.

Authorized: *Monika Santucci*  
 Date: October 11, 2004 Monika Santucci

# O'Brien & Gere Laboratories, Inc.

## Analytical Results Method: 8260

Client: O'Brien & Gere Inc. of North America  
Project: Former Accurate Die - Fayetteville, NY  
Proj. Desc:  
Package#: 9083  
Sample: E7789  
Sample Description: WTP IN BETWEEN  
Instrument: HP5973 GC/MS#1  
Units: ug/L  
Number of analytes: 7

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 10/07/04 Matrix: Water  
Received: 10/07/04 QC Batch: 100804W1  
Prepared: 10/08/04 %Solids:  
Sample Size: 10 mL  
Dilution: 1

Parameter	Result	Qual	PQL	Analyzed Notes
Methylene chloride	<2.0	U	2.0	10/08/04
trans-1,2-Dichloroethene	<.50	U	.50	10/08/04
cis-1,2-Dichloroethene	<.50	U	.50	10/08/04
Trichloroethene	<.50	U	.50	10/08/04
Toluene	<.50	U	.50	10/08/04
Tetrachloroethene	<.50	U	.50	10/08/04
1,1,2,2-Tetrachloroethane	<.50	U	.50	10/08/04

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	108		78-120
1,2-Dichloroethane-d4 (surrogate)	114		71-126
Toluene-d8 (surrogate)	106		80-120
Bromofluorobenzene (surrogate)	100		78-120

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.  
# - Outside control limits U - Undetected at the reported level.  
J - reported value is estimated. D - Result is diluted.  
E - concentration exceeded the calibration range and is estimated.

Authorized: Monika Santucci  
Date: October 11, 2004 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

**O'Brien & Gere  
Laboratories, Inc.**

**Analytical Results  
Method: 8260**

Client: O'Brien & Gere Inc. of North America  
 Project: Former Accurate Die - Fayetteville, NY  
 Proj. Desc:  
 Package#: 9083  
 Sample: E7790  
 Sample Description: WTP INFLUENT  
 Instrument: HP5973 GC/MS#1  
 Units: ug/L  
 Number of analytes: 7

Job No.: 3027.001.11102  
 Certification NY No.: 10155

Collected: 10/07/04 Matrix: Water  
 Received: 10/07/04 QC Batch: 100804W1  
 Prepared: 10/08/04 %Solids:  
 Sample Size: 10 mL  
 Dilution: 20

Parameter	Result	Qual	PQL	Analyzed Notes
Methylene chloride	<40.	U	40.	10/08/04
trans-1,2-Dichloroethene	<10.	U	10.	10/08/04
cis-1,2-Dichloroethene	<10.	U	10.	10/08/04
Trichloroethene	790.		10.	10/08/04
Toluene	<10.	U	10.	10/08/04
Tetrachloroethene	<10.	U	10.	10/08/04
1,1,2,2-Tetrachloroethane	<10.	U	10.	10/08/04

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	108		78 - 120
1,2-Dichloroethane-d4 (surrogate)	114		71 - 126
Toluene-d8 (surrogate)	107		80 - 120
Bromofluorobenzene (surrogate)	101		78 - 120

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.  
 # - Outside control limits U - Undetected at the reported level.  
 J - reported value is estimated. D - Result is diluted.  
 E - concentration exceeded the calibration range and is estimated.

Authorized: *Monika Santucci*  
 Date: October 11, 2004 Monika Santucci

**O'Brien & Gere  
Laboratories, Inc.**

**Analytical Results  
Wet Chemistry**

Client: O'Brien & Gere Inc. of North America  
Project: Former Accurate Die - Fayetteville, NY  
Proj. Desc:  
Package#: 9083  
Sample: E7787  
Samp. Description: WTP EFFLUENT-COMP

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 10/07/04  
Received: 10/07/04 11:55  
Matrix: Water  
Number of Analytes: 2

Parameter	Result	Q	Units	Method	PQL	Analyzed	QC Batch	Dil	Note
Total dissolved solids	710.		mg/L	EPA 160.1	10.	10/14/04	101404W27	1	
Total suspended solids	<5.0	U	mg/L	EPA 160.2	5.0	10/08/04	100804W4	1	

Notes:

B - Analyte detected above the PQL in the associated Prep Blank  
U - Undetected at the reported level.  
J - Reported value is estimated. D- Result is diluted.  
E - Concentration exceeded the calibration range and is estimated.

Authorized: Monika Santucci  
Date: October 20, 2004 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

# O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway  
 East Syracuse, New York 13057  
 (315) 437-0200

# Chain of Custody

Client: <u>OGINA</u>						Analysis/Method											
Project: <u>Former Accurate Die Cast</u>						TSS/TDS Voc's 8260 Voc's 8021 <del>Voc's</del>	9063	Sample Description						Comments			
Sampled by: <u>Richard McLaughlin</u>																	
Client Contact: <u>Al Farrell</u> Phone # <u>2316</u>																	
Sample Description																	
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers												
<u>WTP Effluent</u>	<u>10/7/04</u>	<u>11:00</u>	<u>Water</u>	<u>Comp</u>	<u>1</u>	<u>1</u>											
<u>WTP Effluent</u>	<u>10/7/04</u>	<u>07:00</u>	<u>Water</u>	<u>Grab</u>	<u>2</u>		<u>2</u>										
<u>WTP In Between</u>	<u>10/7/04</u>	<u>07:00</u>	<u>Water</u>	<u>Grab</u>	<u>2</u>			<u>2</u>									
<u>WTP - Influent</u>	<u>10/7/04</u>	<u>07:00</u>	<u>Water</u>	<u>Grab</u>	<u>2</u>			<u>2</u>									
Relinquished by: <u>Richard McLaughlin</u>						Date: <u>10/7/04</u> Time: <u>11:55</u>		Received by:		Date:		Time:					
Relinquished by:						Date:		Time:		Received by:		Date:		Time:			
Relinquished by:						Date:		Time:		Received by Lab: <u>Jerry Rose</u>		Date: <u>10/7/04</u> Time: <u>11:55</u>					
Shipment Method: <u>Hand</u>						Airbill Number:											

Turnaround Time Required:  Routine  
 Rush (Specify) \_\_\_\_\_  
 Cooler Temperature: 6.6°C

Comments:

Original - Laboratory  
 Copy - Client

**O'Brien & Gere  
Laboratories, Inc.**

**Analytical Results  
Wet Chemistry**

Client: O'Brien & Gere Inc. of North America  
Project: Former Accurate Die - Fayetteville, NY  
Proj. Desc:  
Package#: 9133  
Sample: E8061  
Samp. Description: WTP Effluent

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 10/14/04  
Received: 10/14/04 12:00  
Matrix: Water  
Number of Analytes: 2

Parameter	Result	Q	Units	Method	PQL	Analyzed	QC Batch	Dil	Note
Total dissolved solids	580.		mg/L	EPA 160.1	10.	10/19/04	101904W18	1	
Total suspended solids	<5.0	U	mg/L	EPA 160.2	5.0	10/20/04	102004W17	1	

Notes:

B - Analyte detected above the PQL in the associated Prep Blank  
U - Undetected at the reported level.  
J - Reported value is estimated. D- Result is diluted.  
E - Concentration exceeded the calibration range and is estimated.

Authorized: Monika Santucci  
Date: November 1, 2004 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

# O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway  
 East Syracuse, New York 13057  
 (315) 437-0200

# Chain of Custody

Client: <i>OGINA</i>						Analysis/Method					
Project: <i>Former Accurate Die Cast</i>						<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); border: 1px solid black; padding: 5px;">TSS/TPS</div> <div style="border: 1px solid black; padding: 5px;">9133</div> </div>					
Sampled by: <i>Richard M<sup>e</sup>Laughlin</i>											
Client Contact: <i>Al Farrell</i> Phone # <i>2316</i>											
<b>Sample Description</b>											
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	Comments					
<i>WTP Effluent</i>	<i>10/14/04</i>	<i>10:00</i>	<i>Water</i>	<i>Comp</i>	<i>1</i>						
Relinquished by: <i>Richard M<sup>e</sup>Laughlin</i>			Date: <i>10/14/04</i> Time: <i>12:00</i>			Received by:			Date:                      Time:		
Relinquished by:			Date:                      Time:			Received by:			Date:                      Time:		
Relinquished by:			Date:                      Time:			Received by Lab: <i>[Signature]</i>			Date: <i>10/14/04</i> Time: <i>12:00</i>		
Shipment Method:						Airbill Number:					

Turnaround Time Required:  Routine  
 Rush (Specify) \_\_\_\_\_

Comments:

Cooler Temperature: *8°C (Freeze)*

Original - Laboratory  
 Copy - Client



# O'Brien & Gere Laboratories, Inc.

# Analytical Results Method: 8260

Client: O'Brien & Gere Inc. of North America  
 Project: Former Accurate Die - Fayetteville, NY  
 Proj. Desc:  
 Package#: 9198  
 Sample: E8439  
 Sample Description: WTP EFFLUENT-GRAB  
 Instrument: HP5973 GC/MS#1  
 Units: ug/L  
 Number of analytes: 7

Job No.: 3027.001.11102  
 Certification NY No.: 10155

Collected: 10/22/04 Matrix: Water  
 Received: 10/22/04 QC Batch: 102804W4  
 Prepared: 10/29/04 %Solids:  
 Sample Size: 10 mL  
 Dilution: 1

Parameter	Result	Qual	PQL	Analyzed Notes
Methylene chloride	<2.0	U	2.0	10/29/04
trans-1,2-Dichloroethene	<.50	U	.50	10/29/04
cis-1,2-Dichloroethene	<.50	U	.50	10/29/04
Trichloroethene	<.50	U	.50	10/29/04
Toluene	<.50	U	.50	10/29/04
Tetrachloroethene	<.50	U	.50	10/29/04
1,1,2,2-Tetrachloroethane	<.50	U	.50	10/29/04

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	99		78 - 120
1,2-Dichloroethane-d4 (surrogate)	99		71 - 126
Toluene-d8 (surrogate)	98		80 - 120
Bromofluorobenzene (surrogate)	95		78 - 120

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.  
 # - Outside control limits U - Undetected at the reported level.  
 J - reported value is estimated. D - Result is diluted.  
 E - concentration exceeded the calibration range and is estimated.

Authorized: *Monika Santucci*  
 Date: October 29, 2004 Monika Santucci

**O'Brien & Gere  
Laboratories, Inc.**

**Analytical Results  
Wet Chemistry**

Client: O'Brien & Gere Inc. of North America  
Project: Former Accurate Die - Fayetteville, NY  
Proj. Desc:  
Package#: 9198  
Sample: E8438  
Samp. Description: WTP EFFLUENT-COMP

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 10/22/04  
Received: 10/22/04 10:48  
Matrix: Water  
Number of Analytes: 2

Parameter	Result	Q	Units	Method	PQL	Analyzed	QC Batch	Dil	Note
Total dissolved solids	580.		mg/L	EPA 160.1	10.	10/22/04 17:00	102204W18	1	
Total suspended solids	<5.0	U	mg/L	EPA 160.2	5.0	10/26/04	102604W17	1	

Notes:

- B - Analyte detected above the PQL in the associated Prep Blank
- U - Undetected at the reported level.
- J - Reported value is estimated. D- Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.

Authorized: Monika Santucci  
Date: November 4, 2004 Monika Santucci

# O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway  
 East Syracuse, New York 13057  
 (315) 437-0200

# Chain of Custody

Client: <u>OGINA</u>						Analysis/Method										
Project: <u>Former Accurate Die Cast</u>						TSS/TDS VOC's 8260	1	2	1	1	1	1	1	1	1	9198
Sampled by: <u>Richard McLaughlin</u>																
Client Contact: <u>Al Farrell</u> Phone # <u>2316</u>																
- Sample Description																
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers										Comments	
<u>WTP Effluent</u>	<u>10/22/04</u>	<u>9:00</u>	<u>WATER</u>	<u>Comp</u>	<u>1</u>											
<u>WTP Effluent</u>	<u>10/22/04</u>	<u>9:00</u>	<u>WATER</u>	<u>Grab</u>	<u>2</u>											
Relinquished by: <u>Richard McLaughlin</u>						Date: <u>10/22/04</u> Time: <u>10:48</u>		Received by:		Date:		Time:				
Relinquished by:						Date:		Time:		Received by:		Date:		Time:		
Relinquished by:						Date:		Time:		Received by Lab: <u>J. Scott</u>		Date: <u>10/22/04</u> Time: <u>10:48</u>				
Shipment Method:						Airbill Number:										

Turnaround Time Required:  Routine  Rush (Specify) \_\_\_\_\_  
 Cooler Temperature: 12°C welliced

Original - Laboratory  
 Copy - Client

**O'Brien & Gere  
Laboratories, Inc.**

**Analytical Results  
Wet Chemistry**

Client: O'Brien & Gere Inc. of North America  
Project: Former Accurate Die - Fayetteville, NY  
Proj. Desc:

Job No.: 3027.001.11102  
Certification NY No.: 10155

Package#: 9244  
Sample: E8702  
Samp. Description: WTP EFFLUENT

Collected: 10/28/04  
Received: 10/28/04 13:40  
Matrix: Water  
Number of Analytes: 2

Parameter	Result	Q	Units	Method	PQL	Analyzed	QC Batch	Dil	Note
Total dissolved solids	590.		mg/L	EPA 160.1	10.	11/02/04	110204W3	1	
Total suspended solids	<5.0	U	mg/L	EPA 160.2	5.0	10/30/04	103004W12	1	

Notes:

- B - Analyte detected above the PQL in the associated Prep Blank
- U - Undetected at the reported level.
- J - Reported value is estimated. D- Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.

Authorized: Monika Santucci  
Date: November 11, 2004 Monika Santucci

# O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway  
 East Syracuse, New York 13057  
 (315) 437-0200

# Chain of Custody

Client: <u>OG/NA</u>						Analysis/Method							
Project: <u>Former Accurate Die Cast</u>						<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TSS/TDS</div> <div style="font-size: 2em;">9244</div> </div>							
Sampled by: <u>Richard McLaughlin</u>													
Client Contact: <u>Al Farnell</u> Phone # <u>2316</u>													
<b>Sample Description</b>													
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	Comments							
<u>WTP Effluent</u>	<u>10/28/04</u>	<u>10:00</u>	<u>WATER</u>	<u>Comp</u>	<u>1</u>								
Relinquished by: <u>Richard McLaughlin</u>						Date: <u>10/28/04</u> Time: <u>13:40</u>		Received by:		Date:		Time:	
Relinquished by:						Date:		Time:		Received by:		Date:	
Relinquished by:						Date:		Time:		Received by Lab: <u>[Signature]</u>		Date: <u>10/28/04</u> Time: <u>1340</u>	
Shipment Method:						Airbill Number:							

Turnaround Time Required:  Routine  Rush (Specify) \_\_\_\_\_  
 Comments: \_\_\_\_\_  
 Cooler Temperature: 7°C welliced

Original - Laboratory  
 Copy - Client

**O'Brien & Gere  
Laboratories, Inc.**

**Analytical Results  
Wet Chemistry**

Client: O'Brien & Gere Inc. of North America  
Project: Former Accurate Die - Fayetteville, NY  
Proj. Desc:  
Package#: 9296  
Sample: E9048  
Samp. Description: WTP EFFLUENT-COMP

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 11/05/04  
Received: 11/05/04 11:15  
Matrix: Water  
Number of Analytes: 2

Parameter	Result	Q	Units	Method	PQL	Analyzed	QC Batch	Dil	Note
Total dissolved solids	620.		mg/L	EPA 160.1	10.	11/08/04	110804W25	1	
Total suspended solids	<5.0	U	mg/L	EPA 160.2	5.0	11/09/04	110904W26	.1	

Notes:

- B - Analyte detected above the PQL in the associated Prep Blank
- U - Undetected at the reported level.
- J - Reported value is estimated. D- Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.

Authorized: Monika Santucci  
Date: November 21, 2004 Monika Santucci

# O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway  
 East Syracuse, New York 13057  
 (315) 437-0200

# Chain of Custody

Client: <i>OGINA</i>						Analysis/Method											
Project: <i>Former Accurate Pie Cast</i>						<i>TSS/TPS</i> <i>Voc's 8260</i> <i>Voc's 8021</i>									<i>9296</i>		
Sampled by: <i>Richard McLaughlin</i>																	
Client Contact: <i>Al Farrell</i> Phone # <i>2316</i>																	
<b>Sample Description</b>																	
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers											Comments	
<i>WTP Effluent</i>	<i>11/5/04</i>	<i>10:00</i>	<i>WATER</i>	<i>Comp</i>	<i>1</i>	<i>1</i>											
<i>WTP Effluent</i>	<i>11/5/04</i>	<i>10:00</i>	<i>WATER</i>	<i>Grab</i>	<i>2</i>		<i>2</i>										
<i>WTP In Between</i>	<i>11/5/04</i>	<i>10:00</i>	<i>WATER</i>	<i>Grab</i>	<i>2</i>			<i>✓</i>									
Relinquished by: <i>Richard McLaughlin</i> Date: <i>11/5/04</i> Time: <i>11:15</i>						Received by: _____ Date: _____ Time: _____											
Relinquished by: _____ Date: _____ Time: _____						Received by: <i>[Signature]</i> Date: _____ Time: _____											
Relinquished by: _____ Date: _____ Time: _____						Received by Lab: <i>[Signature]</i> Date: <i>11/5/04</i> Time: <i>11:15</i>											
Shipment Method: _____						Airbill Number: _____											

Turnaround Time Required:  Routine  Rush (Specify) \_\_\_\_\_  
 Cooler Temperature: 4°C well iced      Comments: \_\_\_\_\_

Original - Laboratory  
 Copy - Client

**O'Brien & Gere  
Laboratories, Inc.**

**Analytical Results  
Wet Chemistry**

Client: O'Brien & Gere Inc. of North America  
Project: Former Accurate Die - Fayetteville, NY  
Proj. Desc:

Job No.: 3027.001.11102  
Certification NY No.: 10155

Package#: 9331  
Sample: E9276  
Samp. Description: WTP EFFLUENT

Collected: 11/11/04  
Received: 11/11/04 10:20  
Matrix: Water  
Number of Analytes: 2

Parameter	Result	Q	Units	Method	PQL	Analyzed	QC Batch	Dil	Note
Total dissolved solids	640.		mg/L	EPA 160.1	10.	11/12/04	111204W25	1	
Total suspended solids	<5.0	U	mg/L	EPA 160.2	5.0	11/12/04	111204W11	1	

Notes:

B - Analyte detected above the PQL in the associated Prep Blank  
U - Undetected at the reported level.  
J - Reported value is estimated. D- Result is diluted.  
E - Concentration exceeded the calibration range and is estimated.

Authorized: Monika Santucci  
Date: November 25, 2004 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200



**O'Brien & Gere Laboratories, Inc.**

5000 Brittonfield Parkway  
 East Syracuse, New York 13057  
 (315) 437-0200

**Chain of Custody**

Client: <u>OGINA</u>						Analysis/Method							
Project: <u>Former Accurate Die Cast</u>						TSS/TDS							9331
Sampled by: <u>Richard McLaughlin</u>													
Client Contact: <u>Al Farrell</u> Phone # <u>2316</u>													
<b>Sample Description</b>													
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers								Comments
<u>WTP Effluent</u>	<u>11/11/04</u>	<u>10:00</u>	<u>Water</u>	<u>Comp</u>	<u>1</u>	<u>1</u>							
Relinquished by: <u>Richard McLaughlin</u> Date: <u>11/11/04</u> Time: <u>10:20</u>						Received by: _____ Date: _____ Time: _____							
Relinquished by: _____ Date: _____ Time: _____						Received by: _____ Date: _____ Time: _____							
Relinquished by: _____ Date: _____ Time: _____						Received by Lab: <u>Al Farrell</u> Date: <u>11/11/04</u> Time: <u>10:20</u>							
Shipment Method: _____						Airbill Number: _____							

Turnaround Time Required:  Routine \_\_\_\_\_  
 Rush (Specify) \_\_\_\_\_  
 Cooler Temperature: 10°C well iced

Comments: \_\_\_\_\_

Original - Laboratory  
 Copy - Client

**O'Brien & Gere  
Laboratories, Inc.**

**Analytical Results  
Wet Chemistry**

Client: O'Brien & Gere Inc. of North America  
Project: Former Accurate Die - Fayetteville, NY  
Proj. Desc:  
Package#: 9402  
Sample: E9736  
Samp. Description: WTP EFFLUENT-COMP

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 11/18/04  
Received: 11/18/04 14:20  
Matrix: Water  
Number of Analytes: 2

Parameter	Result	Q	Units	Method	PQL	Analyzed	QC Batch	Dil	Note
Total dissolved solids	640.		mg/L	EPA 160.1	10.	11/22/04	112204W25	1	
Total suspended solids	<5.0	U	mg/L	EPA 160.2	5.0	11/22/04	112204W3	1	

Notes:

B - Analyte detected above the PQL in the associated Prep Blank  
U - Undetected at the reported level.  
J - Reported value is estimated. D- Result is diluted.  
E - Concentration exceeded the calibration range and is estimated.

Authorized: Monika Santucci  
Date: December 2, 2004 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

Client: <i>OGINA</i>						Analysis/Method									
Project: <i>Former Accurate Die Cast</i>						<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TSS / SDS</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">VOC's 8260</div> </div> <div style="text-align: right; font-size: 2em; margin-top: 20px;">9402</div>									
Sampled by: <i>Richard McLaughlin</i>															
Client Contact: <i>Al Farrell</i> Phone # <i>2316</i>															
Sample Description															
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	Comments									
<i>WTP Effluent</i>	<i>11/18/04</i>	<i>10:30</i>	<i>Water</i>	<i>Comp</i>	<i>1</i>										
<i>WTP Effluent</i>	<i>11/18/04</i>	<i>10:30</i>	<i>Water</i>	<i>Grab</i>	<i>2</i>										
Relinquished by: <i>Richard McLaughlin</i>						Date: <i>11/18/04</i>		Time: <i>1420</i>		Received by:		Date:		Time:	
Relinquished by:						Date:		Time:		Received by:		Date:		Time:	
Relinquished by:						Date:		Time:		Received by Lab: <i>Monika Santucci</i>		Date: <i>11/18/04</i>		Time: <i>2<sup>20</sup> pm</i>	
Shipment Method:						Airbill Number:									

Turnaround Time Required:  Routine  Rush (Specify) \_\_\_\_\_  
 Cooler Temperature: *5.6°C*

Comments: \_\_\_\_\_  
 Original - Laboratory  
 Copy - Client

**O'Brien & Gere  
Laboratories, Inc.**

**Analytical Results  
Wet Chemistry**

Client: O'Brien & Gere Inc. of North America  
Project: Former Accurate Die - Fayetteville, NY  
Proj. Desc:

Job No.: 3027.001.11102  
Certification NY No.: 10155

Package#: 9444  
Sample: F0036  
Samp. Description: WTP EFFLUENT

Collected: 11/24/04  
Received: 11/24/04 10:25  
Matrix: Water  
Number of Analytes: 2

<u>Parameter</u>	<u>Result</u>	<u>Q</u>	<u>Units</u>	<u>Method</u>	<u>PQL</u>	<u>Analyzed</u>	<u>QC Batch</u>	<u>Dil</u>	<u>Note</u>
Total dissolved solids	620.		mg/L	EPA 160.1	10.	12/01/04	120104W4	1	
Total suspended solids	<5.0	U	mg/L	EPA 160.2	5.0	11/29/04	112904W12	1	

Notes:

B - Analyte detected above the PQL in the associated Prep Blank  
U - Undetected at the reported level.  
J - Reported value is estimated. D- Result is diluted.  
E - Concentration exceeded the calibration range and is estimated.

Authorized: Monika Santucci  
Date: December 8, 2004 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

Client: <u>OGINA</u>						Analysis/Method									
Project: <u>FORMER ACCURATE DIE CAST</u>						TSS/TDS								9444	
Sampled by: <u>Richard McLaughlin</u>															
Client Contact: <u>Al Farrell</u> Phone # <u>2316</u>															
Sample Description															
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers										Comments
<u>WTP Effluent</u>	<u>11/24/04</u>	<u>10:00</u>	<u>Water</u>	<u>Comp</u>	<u>1</u>										
Relinquished by: <u>Richard McLaughlin</u> Date: <u>11/24/04</u> Time: <u>10:25</u>						Received by: _____ Date: _____ Time: _____									
Relinquished by: _____ Date: _____ Time: _____						Received by: _____ Date: _____ Time: _____									
Relinquished by: _____ Date: _____ Time: _____						Received by Lab: <u>[Signature]</u> Date: <u>11/24/04</u> Time: <u>10:25</u>									
Shipment Method: <u>Hand</u>						Airbill Number: _____									

Turnaround Time Required: ✓ Routine \_\_\_\_\_  
 Rush (Specify) \_\_\_\_\_  
 Cooler Temperature: 7°C welliced

Original - Laboratory  
 Copy - Client

**O'Brien & Gere  
Laboratories, Inc.**

**Analytical Results  
Method: 8260**

Client: O'Brien & Gere Inc. of North America  
 Project: Former Accurate Die - Fayetteville, NY  
 Proj. Desc:  
 Package#: 9485  
 Sample: F0302  
 Sample Description: WTP EFFLUENT-GRAB  
 Instrument: HP5973 GC/MS#1  
 Units: ug/L  
 Number of analytes: 7

Job No.: 3027.001.11102  
 Certification NY No.: 10155

Collected: 12/03/04 Matrix: Water  
 Received: 12/03/04 QC Batch: 120704W1  
 Prepared: 12/07/04 %Solids:  
 Sample Size: 10 mL  
 Dilution: 1

Parameter	Result	Qual.	PQL	Analyzed	Notes
Methylene chloride	<2.0	U	2.0	12/07/04	
trans-1,2-Dichloroethene	<.50	U	.50	12/07/04	
cis-1,2-Dichloroethene	<.50	U	.50	12/07/04	
Trichloroethene	<.50	U	.50	12/07/04	
Toluene	<.50	U	.50	12/07/04	
Tetrachloroethene	<.50	U	.50	12/07/04	
1,1,2,2-Tetrachloroethane	<.50	U	.50	12/07/04	

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	99		78 - 120
1,2-Dichloroethane-d4 (surrogate)	110		71 - 126
Toluene-d8 (surrogate)	98		80 - 120
Bromofluorobenzene (surrogate)	95		78 - 120

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.  
 # - Outside control limits U - Undetected at the reported level.  
 J - reported value is estimated. D - Result is diluted.  
 E - concentration exceeded the calibration range and is estimated.

Authorized: Monika Santucci  
 Date: December 9, 2004 Monika Santucci

# O'Brien & Gere Laboratories, Inc.

## Analytical Results Method: 8260

Client: O'Brien & Gere Inc. of North America  
Project: Former Accurate Die - Fayetteville, NY  
Proj. Desc:  
Package#: 9485  
Sample: F0303  
Sample Description: WTP IN-BETWEEN  
Instrument: HP5973 GC/MS#1  
Units: ug/L  
Number of analytes: 7

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 12/03/04 Matrix: Water  
Received: 12/03/04 QC Batch: 120704W1  
Prepared: 12/07/04 %Solids:  
Sample Size: 10 mL  
Dilution: 1

Parameter	Result	Qual	PQL	Analyzed Notes
Methylene chloride	<2.0	U	2.0	12/07/04
trans-1,2-Dichloroethene	<.50	U	.50	12/07/04
cis-1,2-Dichloroethene	2.1		.50	12/07/04
Trichloroethene	<.50	U	.50	12/07/04
Toluene	<.50	U	.50	12/07/04
Tetrachloroethene	<.50	U	.50	12/07/04
1,1,2,2-Tetrachloroethane	<.50	U	.50	12/07/04

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	100		78-120
1,2-Dichloroethane-d4 (surrogate)	110		71-126
Toluene-d8 (surrogate)	99		80-120
Bromofluorobenzene (surrogate)	96		78-120

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.  
# - Outside control limits U - Undetected at the reported level.  
J - reported value is estimated. D - Result is diluted.  
E - concentration exceeded the calibration range and is estimated.

Authorized: Monika Santucci  
Date: December 9, 2004 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

**O'Brien & Gere  
Laboratories, Inc.**

**Analytical Results  
Wet Chemistry**

Client: O'Brien & Gere Inc. of North America  
Project: Former Accurate Die - Fayetteville, NY  
Proj. Desc:  
Package#: 9485  
Sample: F0301  
Samp. Description: WTP EFFLUENT-COMP

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 12/03/04  
Received: 12/03/04 14:30  
Matrix: Water  
Number of Analytes: 2

Parameter	Result	Q	Units	Method	PQL	Analyzed	QC Batch	Dil	Note
Total dissolved solids	610.		mg/L	EPA 160.1	10.	12/07/04	120704W12	1	
Total suspended solids	<5.0	U	mg/L	EPA 160.2	5.0	12/07/04	120704W13	1	

Notes:

- B - Analyte detected above the PQL in the associated Prep Blank
- U - Undetected at the reported level.
- J - Reported value is estimated. D- Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.

Authorized: Monika Santucci  
Date: December 16, 2004 Monika Santucci



# O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway  
 East Syracuse, New York 13057  
 (315) 437-0200

# Chain of Custody

Client: <u>OGINA</u>						Analysis/Method									
Project: <u>Accurate Die Cast</u>						TSS/TDS	Voc's 8260	Voc's 802							9485
Sampled by: <u>Richard McLaughlin</u>															
Client Contact: <u>Al Farnell</u> Phone # <u>2316</u>															
Sample Description															
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers									Comments	
<u>WTP Effluent</u>	<u>12/3/04</u>	<u>7:00</u>	<u>Water</u>	<u>Comp</u>	<u>1</u>	<u>1</u>									
<u>WTP Effluent</u>	<u>12/3/04</u>	<u>7:00</u>	<u>Water</u>	<u>Grab</u>	<u>2</u>		<u>2</u>								
<u>WTP IN - Between</u>	<u>12/3/04</u>	<u>7:00</u>	<u>Water</u>	<u>Grab</u>	<u>2</u>			<u>2</u>							
Relinquished by: <u>Richard McLaughlin</u> Date: <u>12/3/04</u> Time: <u>14:30</u>						Received by: _____ Date: _____ Time: _____									
Relinquished by: _____ Date: _____ Time: _____						Received by: _____ Date: _____ Time: _____									
Relinquished by: _____ Date: _____ Time: _____						Received by Lab: <u>Thomas Klepode</u> Date: <u>12/3/04</u> Time: <u>14:30</u>									
Shipment Method: <u>Hand</u>						Airbill Number: _____									

Turnaround Time Required:  
 Routine  \_\_\_\_\_  
 Rush (Specify) \_\_\_\_\_

Comments:

Cooler Temperature: 5.2°C on ice

Original - Laboratory  
 Copy - Client

**O'Brien & Gere  
Laboratories, Inc.**

**Analytical Results  
Wet Chemistry**

Client: O'Brien & Gere Inc. of North America  
Project: Former Accurate Die - Fayetteville, NY  
Proj. Desc:

Job No.: 3027.001.11102  
Certification NY No.: 10155

Package#: 9527  
Sample: F0555  
Samp. Description: WTP EFFLUENT

Collected: 12/09/04  
Received: 12/09/04 11:25  
Matrix: Water  
Number of Analytes: 2

Parameter	Result	Q	Units	Method	PQL	Analyzed	QC Batch	Dil	Note
Total dissolved solids	620.		mg/L	EPA 160.1	10.	12/14/04	121404W12	1	
Total suspended solids	<5.0	U	mg/L	EPA 160.2	5.0	12/10/04	121004W15	1	

Notes:

- B - Analyte detected above the PQL in the associated Prep Blank
- U - Undetected at the reported level.
- J - Reported value is estimated. D- Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.

Authorized: Monika Santucci  
Date: December 21, 2004 Monika Santucci

Client: <u>OGINA</u>						Analysis/Method					
Project: <u>Former ACCURATE DIE CAST</u>						<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); border: 1px solid black; padding: 5px;">TSS / TDS</div> <div style="border: 1px solid black; padding: 20px;">9527</div> </div>					
Sampled by: <u>Richard McLaughlin</u>											
Client Contact: <u>Al Farnell</u> Phone # <u>2316</u>											
<b>Sample Description</b>											
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	Comments					
<u>WTP Effluent</u>	<u>12/9/04</u>		<u>Water</u>	<u>Comp</u>	<u>1</u>						
Relinquished by: <u>[Signature]</u>			Date: <u>12/9/04</u> Time: <u>11:25</u>			Received by:			Date:            Time:		
Relinquished by:			Date:            Time:			Received by:			Date:            Time:		
Relinquished by:			Date:            Time:			Received by Lab: <u>[Signature]</u>			Date: <u>12/9/04</u> Time: <u>11:25</u>		
Shipment Method: <u>Hand</u>						Airbill Number:					

Turnaround Time Required:  
 Routine ✓  
 Rush (Specify) \_\_\_\_\_

Comments:

Cooler Temperature: 50C (WELL-ICE)

# O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway  
 East Syracuse, New York 13057  
 (315) 437-0200

# Chain of Custody

Client: <u>OGINA</u>						Analysis/Method				
Project: <u>Former Accurate Die Cast</u>						TSS/TPS VOC: 8260				9591
Sampled by: <u>Richard McLaughlin</u>										
Client Contact: <u>Al Farrell</u> Phone # <u>2316</u>										
Sample Description										
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers					Comments
<u>WTP Effluent</u>	<u>12/16/04</u>	<u>10:00</u>	<u>Water</u>	<u>Comp</u>	<u>1</u>	1				
<u>WTP Effluent</u>	<u>12/16/04</u>	<u>10:00</u>	<u>Water</u>	<u>Grab</u>	<u>2</u>		2			
Relinquished by: <u>Ram Lauglin</u> Date: <u>12/16/04</u> Time: <u>11:25</u>						Received by: <u>John Ruth</u>		Date: <u>12/16/04</u> Time: <u>11:25</u>		12 <del>AB</del>
Relinquished by: _____ Date: _____ Time: _____						Received by: _____		Date: _____ Time: _____		
Relinquished by: _____ Date: _____ Time: _____						Received by Lab: _____		Date: _____ Time: _____		
Shipment Method: <u>Hand</u>						Airbill Number: _____				

Turnaround Time Required:  
 Routine  \_\_\_\_\_  
 Rush (Specify) \_\_\_\_\_  
 Cooler Temperature: 8°C

Comments: ICED

Original - Laboratory  
 Copy - Client

**O'Brien & Gere  
Laboratories, Inc.**

**Analytical Results  
Wet Chemistry**

Client: O'Brien & Gere Inc. of North America  
Project: Former Accurate Die - Fayetteville, NY  
Proj. Desc:

Job No.: 3027.001.11102  
Certification NY No.: 10155

Package#: 9655  
Sample: F1416  
Samp. Description: WTP EFFLUENT

Collected: 12/23/04  
Received: 12/23/04 11:15  
Matrix: Water  
Number of Analytes: 2

Parameter	Result	Q	Units	Method	PQL	Analyzed	QC Batch	Dil	Note
Total dissolved solids	590.		mg/L	EPA 160.1	10.	12/29/04	122904W11	1	
Total suspended solids	<5.0	U	mg/L	EPA 160.2	5.0	12/29/04	122904W12	1	

Notes:

B - Analyte detected above the PQL in the associated Prep Blank  
U - Undetected at the reported level.  
J - Reported value is estimated. D- Result is diluted.  
E - Concentration exceeded the calibration range and is estimated.

Authorized: Monika Santucci  
Date: January 4, 2005     Monika Santucci

O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway  
East Syracuse, New York 13057  
(315) 437-0200

Chain of Custody

Client: <i>OGINA</i>						Analysis/Method								
Project: <i>Former Accurate Die Cast</i>						<i>TSS/TDS</i>							<i>9655</i>	
Sampled by: <i>Richard McLaughlin</i>														
Client Contact: <i>Al Farrell</i> Phone # <i>2316</i>														
Sample Description														
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers								Comments	
<i>WTP Effluent</i>	<i>12/23/04</i>	<i>10:00</i>	<i>WATER</i>	<i>Comp</i>	<i>1</i>	<i>1</i>								
Relinquished by: <i>Richard McLaughlin</i>						Date: <i>12/23/04</i> Time: <i>11:15</i>			Received by:			Date:	Time:	
Relinquished by:						Date:			Time:			Received by:	Date:	Time:
Relinquished by:						Date:			Time:			Received by Lab: <i>[Signature]</i>	Date: <i>12/23/04</i> Time: <i>11:15</i>	
Shipment Method: <i>HAND</i>						Airbill Number:								

Turnaround Time Required:  Routine  Rush (Specify) \_\_\_\_\_  
 Comments: \_\_\_\_\_  
 Cooler Temperature: *6°C well iced*

Original - Laboratory  
Copy - Client

# O'Brien & Gere Laboratories, Inc.

# Analytical Results Wet Chemistry

Client: O'Brien & Gere Inc. of North America  
Project: Former Accurate Die - Fayetteville, NY  
Proj. Desc:

Job No.: 3027.001.11102  
Certification NY No.: 10155

Package#: 9669  
Sample: F1465  
Samp. Description: WTP EFFLUENT

Collected: 12/29/04  
Received: 12/29/04 11:20  
Matrix: Water  
Number of Analytes: 2

Parameter	Result	Q	Units	Method	PQL	Analyzed	QC Batch	Dil	Note
Total dissolved solids	630.		mg/L	EPA 160.1	10.	12/29/04	122904W11	1	
Total suspended solids	<5.0	U	mg/L	EPA 160.2	5.0	12/29/04	122904W12	1	

Notes:

- B - Analyte detected above the PQL in the associated Prep Blank
- U - Undetected at the reported level.
- J - Reported value is estimated. D- Result is diluted.
- E - Concentration exceeded the calibration range and is estimated.

Authorized: Monika Santucci  
Date: January 12, 2005 Monika Santucci

January 17, 2005

Service Request No: K2410280

Al Farrell  
O'Brien & Gere Laboratories, Inc.  
5000 Brittonfield Parkway  
East Syracuse, NY 13057

**RE: Former Accurate Die Cast / 32249**

Dear Al:


Enclosed are the results of the sample(s) submitted to our laboratory on December 30, 2004. For your reference, these analyses have been assigned our service request number K2410280.

All analyses were performed according to our laboratory's quality assurance program. The test results meet requirements of the NELAC standards except as noted in the case narrative report. All results are intended to be considered in their entirety, and Columbia Analytical Services, Inc. (CAS) is not responsible for use of less than the complete report. Results apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report.

Please call if you have any questions. My extension is 3376.

Respectfully submitted,

Columbia Analytical Services, Inc.



Gregory Salata, Ph.D.  
Project Chemist

GS/jeb

Page 1 of 10



## Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	<i>Environmental Laboratory Accreditation Program</i>
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	<i>Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.</i>

### Inorganic Data Qualifiers

- \* The result is an outlier. See case narrative.
- # The control limit criteria is not applicable. See case narrative.
- B The analyte was found in the associated method blank at a level that is significant relative to the sample result.
- E The result is an estimate amount because the value exceeded the instrument calibration range.
- J The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
- U The compound was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL.
- i The MRL/MDL has been elevated due to a matrix interference.
- X See case narrative.

### Metals Data Qualifiers

- # The control limit criteria is not applicable. See case narrative.
- B The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
- E The percent difference for the serial dilution was greater than 10%, indicating a possible matrix interference in the sample.
- M The duplicate injection precision was not met.
- N The Matrix Spike sample recovery is not within control limits. See case narrative.
- S The reported value was determined by the Method of Standard Additions (MSA).
- U The compound was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL.
- W The post-digestion spike for furnace AA analysis is out of control limits, while sample absorbance is less than 50% of spike absorbance.
- i The MRL/MDL has been elevated due to a matrix interference.
- X See case narrative.
- \* The duplicate analysis not within control limits. See case narrative.
- + The correlation coefficient for the MSA is less than 0.995.

### Organic Data Qualifiers

- \* The result is an outlier. See case narrative.
- # The control limit criteria is not applicable. See case narrative.
- A A tentatively identified compound, a suspected aldol-condensation product.
- B The analyte was found in the associated method blank at a level that is significant relative to the sample result.
- C The analyte was qualitatively confirmed using GC/MS techniques, pattern recognition, or by comparing to historical data.
- D The reported result is from a dilution.
- E The result is an estimate amount because the value exceeded the instrument calibration range.
- J The result is an estimated concentration that is less than the MRL but greater than or equal to the MDL.
- N The result is presumptive. The analyte was tentatively identified, but a confirmation analysis was not performed.
- P The GC or HPLC confirmation criteria was exceeded. The relative percent difference is greater than 40% between the two analytical results (25% for CLP Pesticides).
- U The compound was analyzed for, but was not detected ("Non-detect") at or above the MRL/MDL.
- i The MRL/MDL has been elevated due to a chromatographic interference.
- X See case narrative.

### Additional Petroleum Hydrocarbon Specific Qualifiers

- F The chromatographic fingerprint of the sample matches the elution pattern of the calibration standard.
- L The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of lighter molecular weight constituents than the calibration standard.
- H The chromatographic fingerprint of the sample resembles a petroleum product, but the elution pattern indicates the presence of a greater amount of heavier molecular weight constituents than the calibration standard.
- O The chromatographic fingerprint of the sample resembles an oil, but does not match the calibration standard.
- Y The chromatographic fingerprint of the sample resembles a petroleum product eluting in approximately the correct carbon range, but the elution pattern does not match the calibration standard.
- Z The chromatographic fingerprint does not resemble a petroleum product.

00003

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

**Client:** O'Brien & Gere Laboratories, Inc.  
**Project:** Former Accurate Die Cast/32249  
**Sample Matrix:** Water

**Service Request:** K2410280  
**Date Collected:** 12/29/04  
**Date Received:** 12/30/04

Mercury, Total

**Prep Method:** METHOD  
**Analysis Method:** 1631E  
**Test Notes:**

**Units:** ng/L  
**Basis:** NA

Sample Name	Lab Code	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
WTP Effluent	K2410280-001	1.0	1	1/13/05	1/13/05	ND	
WTP Influent	K2410280-002	1.0	1	1/13/05	1/13/05	ND	
Method Blank 1	K2410280-MB1	1.0	1	1/13/05	1/13/05	ND	
Method Blank 2	K2410280-MB2	1.0	1	1/13/05	1/13/05	ND	
Method Blank 3	K2410280-MB3	1.0	1	1/13/05	1/13/05	ND	

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

Client: O'Brien & Gere Laboratories, Inc.  
 Project: Former Accurate Die Cast/32249  
 Sample Matrix: Water

Service Request: K2410280  
 Date Collected: 12/29/04  
 Date Received: 12/30/04  
 Date Extracted: 1/13/05  
 Date Analyzed: 1/13/05

Matrix Spike/Duplicate Matrix Spike Summary  
 Total Metals

Sample Name: Final Effluent 3573  
 Lab Code: K2410177-001S, K2410177-001SD  
 Test Notes:

Units: ng/L  
 Basis: NA

Percent Recovery

Analyte	Prep Method	Analysis Method	MRL	Spike Level		Sample Result	Spike Result		Percent Recovery		CAS Acceptance Limits	Relative Percent Difference	Result Notes
				MS	DMS		MS	DMS	MS	DMS			
Mercury	METHOD	1631E	1.0	25	25	ND	25.6	24.8	102	99	71-125	3	

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

**Client:** O'Brien & Gere Laboratories, Inc.  
**Project:** Former Accurate Die Cast/32249  
**LCS Matrix:** Water

**Service Request:** K2410280  
**Date Collected:** NA  
**Date Received:** NA  
**Date Extracted:** 1/13/05  
**Date Analyzed:** 1/13/05

Ongoing Precision and Recovery (OPR) Sample Summary  
Total Metals

**Sample Name:** Ongoing Precision and Recovery (Initial) **Units:** ng/L  
**Basis:** NA

**Test Notes:**

Analyte	Prep Method	Analysis Method	True Value	Result	Percent Recovery	CAS	Result Notes
						Percent Recovery	
Mercury	METHOD	1631E	5.00	5.45	109	77-123	

00006

COLUMBIA ANALYTICAL SERVICES, INC.

QA/QC Report

**Client:** O'Brien & Gere Laboratories, Inc.  
**Project:** Former Accurate Die Cast/32249  
**LCS Matrix:** Water

**Service Request:** K2410280  
**Date Collected:** NA  
**Date Received:** NA  
**Date Extracted:** 1/13/05  
**Date Analyzed:** 1/13/05

Quality Control Sample (QCS) Summary  
Total Metals

**Sample Name:** Quality Control Sample  
**Lab Code:** K2410177-QCS  
**Test Notes:**

**Units:** ng/L  
**Basis:** NA

Analyte	Prep Method	Analysis Method	True Value	Result	Percent Recovery	CAS	Result Notes
						Percent Recovery Acceptance Limits	
Mercury	METHOD	1631E	5.00	5.59	112	77-123	

00008

PROJECT NAME: <u>Formen Accurate Die Cast</u>				
PROJECT NUMBER: <u>32249</u>				
PROJECT MANAGER: <u>AL FARRELL</u>				
COMPANY/ADDRESS: <u>O'BRIEN &amp; GERE</u>				
CITY/STATE/ZIP: <u>5000 Brittonfield Plwy E. Syracuse NY 13057</u>				
E-MAIL ADDRESS: _____				
PHONE #: <u>315-437-6100</u>		FAX: <u>315-437-9800</u>		
SAMPLER'S SIGNATURE: <u>Richard A M Lauglin</u>				
SAMPLE I.D.	DATE	TIME	LAB I.D.	MATRIX
<u>WTP Effluent</u>	<u>12/2/04</u>	<u>11:00</u>	<u>1</u>	<u>Water</u>
<u>WTP Influent</u>	<u>12/2/04</u>	<u>11:00</u>	<u>2</u>	<u>Water</u>

- NUMBER OF CONTAINERS
- Semivolatile Organics by GC/MS: 625  8270  8270LL
  - Volatile Organics: 624  8260
  - Hydrocarbons (\*see below): 8021  BTEX
  - Gas  Diesel  Oil
  - Fuel Fingerprint (FIO)
  - NW-HCID Screen
  - Oil & Grease/TRPH: 1664 HEM  1664 SGT
  - PCBs
  - Aroclors
  - Pesticides/Herbicides: 608  8081A  8141A  8151A
  - Chlorophenolics: Tri  Tetra  8151M  PCP
  - PAHS: 8310  SIM
  - Metals, Total or Dissolved (See list below): Cyanide
  - Hex-Chrom
  - pH, Cond, Cl, SO<sub>4</sub>, NO<sub>3</sub>, BOD, TSS, PO<sub>4</sub>, F, NO<sub>2</sub>, NH<sub>3</sub>-N, COD, Total-P, TKN, TOC, DOC (circle) NO<sub>2</sub>+NO<sub>3</sub>
  - AOX 1650  506
  - Mercury by EPA 1631

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REMARKS

<p><b>REPORT REQUIREMENTS</b></p> <p><input type="checkbox"/> I. Routine Report: Method Blank, Surrogate, as required</p> <p><input type="checkbox"/> II. Report Dup., MS, MSD as required</p> <p><input type="checkbox"/> III. Data Validation Report (includes all raw data)</p> <p><input type="checkbox"/> IV. CLP Deliverable Report</p> <p><input type="checkbox"/> V. EDD</p>	<p><b>INVOICE INFORMATION</b></p> <p>P.O. # _____</p> <p>Bill To: _____</p>	<p><i>Circle which metals are to be analyzed:</i></p> <p>Total Metals: Al As Sb Ba Be B Ca Cd Co Cr Cu Fe Pb Mg Mn Mo Ni K Ag Na Se Sr Tl Sn V Zn Hg</p> <p>Dissolved Metals: Al As Sb Ba Be B Ca Cd Co Cr Cu Fe Pb Mg Mn Mo Ni K Ag Na Se Sr Tl Sn V Zn Hg</p> <p>*INDICATE STATE HYDROCARBON PROCEDURE: AK CA WI NORTHWEST OTHER: _____ (CIRCLE ONE)</p> <p><b>TURNAROUND REQUIREMENTS</b></p> <p>_____ 24 hr. _____ 48 hr.</p> <p>_____ 5 Day</p> <p>_____ Standard (10-15 working days)</p> <p>_____ Provide FAX Results</p> <p>Requested Report Date _____</p>
<p><b>SPECIAL INSTRUCTIONS/COMMENTS:</b></p>		

<p><b>RELINQUISHED BY:</b></p> <p><u>RAM Lauglin</u> <u>12/2/04 11:00</u></p> <p>Signature Date/Time</p> <p><u>M. LAUGLIN</u> <u>O'Brien &amp; Gere</u></p> <p>Printed Name Firm</p>	<p><b>RECEIVED BY:</b></p> <p><u>[Signature]</u> <u>12/2/04 10:00</u></p> <p>Signature Date/Time</p> <p><u>[Printed Name]</u> <u>[Firm]</u></p> <p>Printed Name Firm</p>	<p><b>RELINQUISHED BY:</b></p> <p>_____ Signature Date/Time</p> <p>_____ Printed Name Firm</p>	<p><b>RECEIVED BY:</b></p> <p>_____ Signature Date/Time</p> <p>_____ Printed Name Firm</p>
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# Columbia Analytical Services, Inc. General Terms and Conditions

## Laboratory Services • 1-800-695-7222

1. These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory ("LAB") and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to LAB. The invalidity or unenforceability, in whole or in part of any provision, term or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state from which services are procured.

**Warranty.** Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

At LAB sole discretion, preliminary results may be given in advance of the laboratory report. Such preliminary results are tentative, subject to confirmation and final review by LAB. Client's use of preliminary results in any manner shall be at Client's sole risk.

**Scope and Compensation.** LAB agrees to perform the services described in the proposal or agreement to which these Terms and Conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described.

Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1 1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sales, use or other taxes. Such taxes will be added to invoice prices when required. LAB reserves the right to require payment prior to release of data. Until such time as Client invoices are paid in full, LAB has no obligation, and will not defend, reproduce, return, or supplement data results.

**4. Prices.** Compensation for services performed will be based on the current Lab Analytical Fee Schedule, or on verbal quotations agreed to in writing by the parties. Unless specifically indicated on the written confirmation of quotation, analytical turnaround times are not guaranteed. The minimum charge will be \$100.00 unless otherwise noted.

**Methods.** Where applicable, LAB will use analytical methodologies which are in substantial conformity with U.S. Environmental Protection Agency (EPA), State Agency, American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods for the Examination of Water and Wastewater, or other recognized methodologies. LAB reserves the right to deviate from these methodologies, if necessary or appropriate, due to the nature or composition of the sample or otherwise, based on the reasonable judgment of LAB. Deviations, if any, will be made on a basis consistent with recognized standards of the industry and/or LAB's standard operating procedures.

**Limitations of Liability.** In the event of any error, omission or other professional negligence, the sole and exclusive responsibility of LAB shall be to reperform the deficient work at its own expense, and LAB shall have no other liability whatsoever. Claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.

LAB shall have no liability, obligation or responsibility of any kind for losses, costs, expenses or other damages (including but not limited to any special, indirect, incidental or consequential damages) with respect to LAB's services or results.

All results provided by LAB are strictly for the use of its clients, and LAB is in no way responsible for the use of such results by clients or third parties. All results should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of the results.

**Hazard Disclosure.** Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance which is to be delivered to LAB will be packaged, labeled, transported and delivered properly and in accordance with applicable laws.

**Sample Handling.** Prior to LAB's acceptance of any sample (or after any notification of acceptance), the entire risk of loss of or damage to such sample remains

with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility or liability for the action or inaction of any carrier shipping or delivering any sample to or from LAB's premises.

LAB will use its best efforts to arrange for the shipment of specially prepared sample bottles, sampling instructions per Client instruction by the readily available, least cost method. Any other shipment arrangements will be at Client's expense.

Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis, unless modified by applicable state or federal laws. Client will be required to give to LAB written instructions concerning disposal of these samples.

LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample which, in the sole judgment of LAB, (a) is of unsuitable volume, (b) may be or become unsuitable for, or may pose a risk in handling, transport or processing for any health, safety, environmental or other reason, whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) has been delivered to the LAB more than 72 hours after sampling or if one half or more of the recommended holding time for the analysis has lapsed.

**9. Legal Responsibility.** LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort, including negligence.

**10. Data Deliverables.** Where specifically requested by Client, LAB agrees to produce electronic data representing services performed hereunder, subject to the following specific understanding between the parties: LAB agrees to supply Client with electronic data as mutually defined, using an agreed medium. Client recognizes that LAB is not a software consultant, manufacturer or reseller; any transfer of electronic data pursuant to services provided by LAB is an accommodation to and strictly for the convenience of the client who is solely liable for the choice and maintenance of the medium utilized. Electronic data provided under this agreement is not deemed to be the project deliverable for the purpose of fulfilling obligations under the Agreement. The provision of electronic data does not in any way modify the intention of the parties that the Client rely on the written or hard copy form of the deliverable.

Except with regard to any limited warranty as specifically set forth below, LAB disclaims and excludes all warranties express or implied with regard to the creation, transmittal or use of electronic data hereunder. The limited warranty in this Agreement replaces all other warranties, express or implied, including any warranties of merchantability or fitness for a particular purpose. Professional warranties extend to written or hard copy deliverables only and do not extend to electronic data supplied to Client. Professional warranties in the Agreement which extend to written or hard copy deliverables shall be undisturbed by this Amendment. LAB's liability for medium failure shall be limited to replacement of the electronic data with a hard copy for a period of thirty days from the date of delivery. LAB's electronic data transfer is derived in part from or is created using third party software, and no such third party warrants or assumes any liability regarding use of or undertakes to provide support information relating to LAB's electronic data. LAB will utilize anti-virus programs on a best efforts basis in preparation of the electronic data transfer, but LAB makes no warranty as to the effectiveness of such screening. LAB will also use its best efforts to ensure that its electronic data will meet all criteria as specified by Client, including criteria regarding date/time data, if, and when, included; but LAB makes no warranty as to the appropriateness of the client specified criteria by accepting the same.

In addition to indemnities contained in the underlying agreement between LAB and Client, Client shall hold LAB harmless from any claims, suits or liability arising from or related to electronic data supplied pursuant to this Agreement. Any reuse of original or altered files by Client shall be at Client's risk and without liability or responsibility to LAB, but shall entitle LAB to additional compensation for such unauthorized reuse. In no event will LAB's liability for electronic data include any special, incidental or consequential damages, whether or not LAB has knowledge of the potential for loss or damage.

**11. Force Majeure.** LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not be limited to, acts of God, acts of Client, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.



# SHORT HOLD TIME

Columbia Analytical Services Inc.  
Cooler Receipt and Preservation Form

PC Reg

Project/Client O'Brien & Gore Work Order K240 10280

Cooler received on 12/30/04 and opened on 12/30/04 by [Signature]

- 1. Were custody seals on outside of coolers? FX  N  
If yes, how many and where? 1F
- 2. Were custody seals intact?  N
- 3. Were signature and date present on the custody seals?  N
- 4. Is the shipper's airbill available and filed? If no, record airbill number: 675276113350 Y
- 5. COC# \_\_\_\_\_  
Temperature of cooler(s) upon receipt: (°C) 2.0 \_\_\_\_\_  
Temperature Blank: (°C) 0.4 \_\_\_\_\_
- Were samples hand delivered on the same day as collection? ~~Y~~ N
- 6. Were custody papers properly filled out (ink, signed, etc.)?  N
- 7. Type of packing material present ICE
- 8. Did all bottles arrive in good condition (unbroken)?  N
- 9. Were all bottle labels complete (i.e analysis, preservation, etc.)?  N
- 10. Did all bottle labels and tags agree with custody papers?  N
- 11. Were the correct types of bottles used for the tests indicated?  N
- 12. Were all of the preserved bottles received at the lab with the appropriate pH? Y ~~N~~
- 13. Were VOA vials checked for absence of air bubbles, and if present, noted below? Y ~~N~~
- 14. Did the bottles originate from CAS/K or a branch laboratory?  N
- 15. Are CWA Microbiology samples received with >1/2 the 24hr. hold time remaining from collection? Y ~~N~~
- 16. Was C12/Res negative? Y ~~N~~

Explain any discrepancies: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

RESOLUTION: \_\_\_\_\_

Samples that required preservation or received out of temperature:

Sample ID	Reagent	Volume	Lot Number	Bottle Type	Rec'd out of Temperature	Initials

00010

**ATTACHMENT B**

**ANNUAL GROUND WATER MONITORING WELL SAMPLING  
LABORATORY ANALYTICAL DATA REPORT**

# O'Brien & Gere Laboratories, Inc.

## Analytical Results Method: 8260

Client: O'Brien & Gere Inc. of North America  
 Project: Former Accurate Die - Fayetteville, NY  
 Proj. Desc:  
 Package#: 9667  
 Sample: F1452  
 Sample Description: MW-5  
 Instrument: HP5973 GC/MS#1  
 Units: ug/L  
 Number of analytes: 7

Job No.: 3027.001.11102  
 Certification NY No.: 10155

Collected: 12/28/04 Matrix: Water  
 Received: 12/28/04 QC Batch: 123004W1  
 Prepared: 12/30/04 %Solids:  
 Sample Size: 10 mL  
 Dilution: 5

Parameter	Result	Qual	PQL	Analyzed Notes
Methylene chloride	<10.	U	10.	12/30/04
trans-1,2-Dichloroethene	<2.5	U	2.5	12/30/04
cis-1,2-Dichloroethene	<2.5	U	2.5	12/30/04
Trichloroethene	98.		2.5	12/30/04
Toluene	<2.5	U	2.5	12/30/04
Tetrachloroethene	2.7		2.5	12/30/04
1,1,2,2-Tetrachloroethane	<2.5	U	2.5	12/30/04

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	109		78-120
1,2-Dichloroethane-d4 (surrogate)	111		71-126
Toluene-d8 (surrogate)	97		80-120
Bromofluorobenzene (surrogate)	89		78-120

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.  
 # - Outside control limits U - Undetected at the reported level.  
 J - reported value is estimated. D - Result is diluted.  
 E - concentration exceeded the calibration range and is estimated.

Authorized: *Monika Santucci*  
 Date: January 5, 2005 Monika Santucci

# O'Brien & Gere Laboratories, Inc.

# Analytical Results Method: 8260

Client: O'Brien & Gere Inc. of North America  
 Project: Former Accurate Die - Fayetteville, NY  
 Proj. Desc:  
 Package#: 9667  
 Sample: F1457  
 Sample Description: MW-9  
 Instrument: HP5973 GC/MS#1  
 Units: ug/L  
 Number of analytes: 7

Job No.: 3027.001.11102  
 Certification NY No.: 10155

Collected: 12/28/04 Matrix: Water  
 Received: 12/28/04 QC Batch: 123004W1  
 Prepared: 12/30/04 %Solids:  
 Sample Size: 10 mL  
 Dilution: 2

Parameter	Result	Qual	PQL	Analyzed Notes
Methylene chloride	<4.0	U	4.0	12/30/04
trans-1,2-Dichloroethene	<1.0	U	1.0	12/30/04
cis-1,2-Dichloroethene	<1.0	U	1.0	12/30/04
Trichloroethene	110.	E	1.0	12/30/04
Toluene	<1.0	U	1.0	12/30/04
Tetrachloroethene	<1.0	U	1.0	12/30/04
1,1,2,2-Tetrachloroethane	<1.0	U	1.0	12/30/04

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	110		78 - 120
1,2-Dichloroethane-d4 (surrogate)	119		71 - 126
Toluene-d8 (surrogate)	98		80 - 120
Bromofluorobenzene (surrogate)	91		78 - 120

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.  
 # - Outside control limits U - Undetected at the reported level.  
 J - reported value is estimated. D - Result is diluted.  
 E - concentration exceeded the calibration range and is estimated.

Authorized: Monika Santucci  
 Date: January 5, 2005 Monika Santucci

# O'Brien & Gere Laboratories, Inc.

## Analytical Results Method: 8260

Client: O'Brien & Gere Inc. of North America  
 Project: Former Accurate Die - Fayetteville, NY  
 Proj. Desc:  
 Package#: 9667  
 Sample: F1457 DL  
 Sample Description: MW-9  
 Instrument: HP5973 GC/MS#1  
 Units: ug/L  
 Number of analytes: 7

Job No.: 3027.001.11102  
 Certification NY No.: 10155

Collected: 12/28/04 Matrix: Water  
 Received: 12/28/04 QC Batch: 010305W1  
 Prepared: 01/03/05 %Solids:  
 Sample Size: 10 mL  
 Dilution: 5

Parameter	Result	Qual	PQL	Analyzed Notes
Methylene chloride	<10.	U	10.	01/03/05
trans-1,2-Dichloroethene	<2.5	U	2.5	01/03/05
cis-1,2-Dichloroethene	<2.5	U	2.5	01/03/05
Trichloroethene	110.		2.5	01/03/05
Toluene	<2.5	U	2.5	01/03/05
Tetrachloroethene	<2.5	U	2.5	01/03/05
1,1,2,2-Tetrachloroethane	<2.5	U	2.5	01/03/05

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	108		78-120
1,2-Dichloroethane-d4 (surrogate)	117		71-126
Toluene-d8 (surrogate)	96		80-120
Bromofluorobenzene (surrogate)	90		78-120

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.  
 # - Outside control limits U - Undetected at the reported level.  
 J - reported value is estimated. D - Result is diluted.  
 E - concentration exceeded the calibration range and is estimated.

Authorized: Monika Santucci  
 Date: January 5, 2005 Monika Santucci

# O'Brien & Gere Laboratories, Inc.

# Analytical Results Method: 8260

Client: O'Brien & Gere Inc. of North America  
Project: Former Accurate Die - Fayetteville, NY  
Proj. Desc:  
Package#: 9667  
Sample: F1456  
Sample Description: MW-12  
Instrument: HP5973 GC/MS#1  
Units: ug/L  
Number of analytes: 7

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 12/28/04 Matrix: Water  
Received: 12/28/04 QC Batch: 123004W1  
Prepared: 12/30/04 %Solids:  
Sample Size: 10 mL  
Dilution: 1

Parameter	Result	Qual	PQL	Analyzed	Notes
Methylene chloride	<2.0	U	2.0	12/30/04	
trans-1,2-Dichloroethene	<.50	U	.50	12/30/04	
cis-1,2-Dichloroethene	<.50	U	.50	12/30/04	
Trichloroethene	21.		.50	12/30/04	
Toluene	<.50	U	.50	12/30/04	
Tetrachloroethene	<.50	U	.50	12/30/04	
1,1,2,2-Tetrachloroethane	<.50	U	.50	12/30/04	

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	110		78 - 120
1,2-Dichloroethane-d4 (surrogate)	118		71 - 126
Toluene-d8 (surrogate)	98		80 - 120
Bromofluorobenzene (surrogate)	89		78 - 120

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.  
# - Outside control limits U - Undetected at the reported level.  
J - reported value is estimated. D - Result is diluted.  
E - concentration exceeded the calibration range and is estimated.

Authorized: *Monika Santucci*  
Date: January 5, 2005 Monika Santucci

**O'Brien & Gere  
Laboratories, Inc.**

**Analytical Results  
Method: 8260**

Client: O'Brien & Gere Inc. of North America  
 Project: Former Accurate Die - Fayetteville, NY  
 Proj. Desc:  
 Package#: 9667  
 Sample: F1451  
 Sample Description: MW-14  
 Instrument: HP5973 GC/MS#1  
 Units: ug/L  
 Number of analytes: 7

Job No.: 3027.001.11102  
 Certification NY No.: 10155

Collected: 12/28/04 Matrix: Water  
 Received: 12/28/04 QC Batch: 123004W1  
 Prepared: 12/30/04 %Solids:  
 Sample Size: 10 mL  
 Dilution: 10

Parameter	Result	Qual	PQL	Analyzed Notes
Methylene chloride	<20.	U	20.	12/30/04
trans-1,2-Dichloroethene	<5.0	U	5.0	12/30/04
cis-1,2-Dichloroethene	<5.0	U	5.0	12/30/04
Trichloroethene	200.		5.0	12/30/04
Toluene	<5.0	U	5.0	12/30/04
Tetrachloroethene	<5.0	U	5.0	12/30/04
1,1,2,2-Tetrachloroethane	<5.0	U	5.0	12/30/04

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	106		78 - 120
1,2-Dichloroethane-d4 (surrogate)	112		71 - 126
Toluene-d8 (surrogate)	97		80 - 120
Bromofluorobenzene (surrogate)	91		78 - 120

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.  
 # - Outside control limits U - Undetected at the reported level.  
 J - reported value is estimated. D - Result is diluted.  
 E - concentration exceeded the calibration range and is estimated.

Authorized: Monika Santucci  
 Date: January 5, 2005 Monika Santucci

# O'Brien & Gere Laboratories, Inc.

# Analytical Results Method: 8260

Client: O'Brien & Gere Inc. of North America  
 Project: Former Accurate Die - Fayetteville, NY  
 Proj. Desc:  
 Package#: 9667  
 Sample: F1461  
 Sample Description: MW-15B  
 Instrument: HP5973 GC/MS#1  
 Units: ug/L  
 Number of analytes: 7

Job No.: 3027.001.11102  
 Certification NY No.: 10155

Collected: 12/28/04 Matrix: Water  
 Received: 12/28/04 QC Batch: 010305W1  
 Prepared: 01/03/05 %Solids:  
 Sample Size: 10 mL  
 Dilution: 1

Parameter	Result	Qual	PQL	Analyzed Notes
Methylene chloride	<2.0	U	2.0	01/03/05
trans-1,2-Dichloroethene	<.50	U	.50	01/03/05
cis-1,2-Dichloroethene	<.50	U	.50	01/03/05
Trichloroethene	2.1		.50	01/03/05
Toluene	<.50	U	.50	01/03/05
Tetrachloroethene	<.50	U	.50	01/03/05
1,1,2,2-Tetrachloroethane	<.50	U	.50	01/03/05

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	106		78 - 120
1,2-Dichloroethane-d4 (surrogate)	114		71 - 126
Toluene-d8 (surrogate)	95		80 - 120
Bromofluorobenzene (surrogate)	91		78 - 120

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.  
 # - Outside control limits U - Undetected at the reported level.  
 J - reported value is estimated. D - Result is diluted.  
 E - concentration exceeded the calibration range and is estimated.

Authorized: Monika Santucci  
 Date: January 5, 2005 Monika Santucci



# O'Brien & Gere Laboratories, Inc.

## Analytical Results Method: 8260

Client: O'Brien & Gere Inc. of North America  
 Project: Former Accurate Die - Fayetteville, NY  
 Proj. Desc:  
 Package#: 9667  
 Sample: F1462  
 Sample Description: MW-16B  
 Instrument: HP5973 GC/MS#1  
 Units: ug/L  
 Number of analytes: 7

Job No.: 3027.001.11102  
 Certification NY No.: 10155

Collected: 12/28/04 Matrix: Water  
 Received: 12/28/04 QC Batch: 010305W1  
 Prepared: 01/03/05 %Solids:  
 Sample Size: 10 mL  
 Dilution: 1

Parameter	Result	Qual	PQL	Analyzed Notes
Methylene chloride	<2.0	U	2.0	01/03/05
trans-1,2-Dichloroethene	<.50	U	.50	01/03/05
cis-1,2-Dichloroethene	<.50	U	.50	01/03/05
Trichloroethene	2.1		.50	01/03/05
Toluene	<.50	U	.50	01/03/05
Tetrachloroethene	<.50	U	.50	01/03/05
1,1,2,2-Tetrachloroethane	<.50	U	.50	01/03/05

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	106		78-120
1,2-Dichloroethane-d4 (surrogate)	116		71-126
Toluene-d8 (surrogate)	96		80-120
Bromofluorobenzene (surrogate)	90		78-120

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.  
 # - Outside control limits U - Undetected at the reported level.  
 J - reported value is estimated. D - Result is diluted.  
 E - concentration exceeded the calibration range and is estimated.

Authorized: Monika Santucci  
 Date: January 5, 2005 Monika Santucci

# O'Brien & Gere Laboratories, Inc.

# Analytical Results Method: 8260

Client: O'Brien & Gere Inc. of North America  
 Project: Former Accurate Die - Fayetteville, NY  
 Proj. Desc:  
 Package#: 9667  
 Sample: F1455  
 Sample Description: MW-17  
 Instrument: HP5973 GC/MS#1  
 Units: ug/L  
 Number of analytes: 7

Job No.: 3027.001.11102  
 Certification NY No.: 10155

Collected: 12/28/04 Matrix: Water  
 Received: 12/28/04 QC Batch: 123004W1  
 Prepared: 12/30/04 %Solids:  
 Sample Size: 10 mL  
 Dilution: 10

Parameter	Result	Qual	PQL	Analyzed Notes
Methylene chloride	<20.	U	20.	12/30/04
trans-1,2-Dichloroethene	<5.0	U	5.0	12/30/04
cis-1,2-Dichloroethene	5.1		5.0	12/30/04
Trichloroethene	140.		5.0	12/30/04
Toluene	<5.0	U	5.0	12/30/04
Tetrachloroethene	11.		5.0	12/30/04
1,1,2,2-Tetrachloroethane	<5.0	U	5.0	12/30/04

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	108		78 - 120
1,2-Dichloroethane-d4 (surrogate)	116		71 - 126
Toluene-d8 (surrogate)	97		80 - 120
Bromofluorobenzene (surrogate)	90		78 - 120

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.  
 # - Outside control limits U - Undetected at the reported level.  
 J - reported value is estimated. D - Result is diluted.  
 E - concentration exceeded the calibration range and is estimated.

Authorized: *Monika Santucci*  
 Date: January 5, 2005 Monika Santucci

# O'Brien & Gere Laboratories, Inc.

# Analytical Results Method: 8260

Client: O'Brien & Gere Inc. of North America  
 Project: Former Accurate Die - Fayetteville, NY  
 Proj. Desc:  
 Package#: 9667  
 Sample: F1459  
 Sample Description: MW-21  
 Instrument: HP5973 GC/MS#1  
 Units: ug/L  
 Number of analytes: 7

Job No.: 3027.001.11102  
 Certification NY No.: 10155

Collected: 12/28/04 Matrix: Water  
 Received: 12/28/04 QC Batch: 123004W1  
 Prepared: 12/30/04 %Solids:  
 Sample Size: 10 mL  
 Dilution: 1

Parameter	Result	Qual	PQL	Analyzed Notes
Methylene chloride	<2.0	U	2.0	12/30/04
trans-1,2-Dichloroethene	<.50	U	.50	12/30/04
cis-1,2-Dichloroethene	2.8		.50	12/30/04
Trichloroethene	4.9		.50	12/30/04
Toluene	<.50	U	.50	12/30/04
Tetrachloroethene	<.50	U	.50	12/30/04
1,1,2,2-Tetrachloroethane	<.50	U	.50	12/30/04

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	108		78 - 120
1,2-Dichloroethane-d4 (surrogate)	120		71 - 126
Toluene-d8 (surrogate)	96		80 - 120
Bromofluorobenzene (surrogate)	90		78 - 120

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.  
 # - Outside control limits U - Undetected at the reported level.  
 J - reported value is estimated. D - Result is diluted.  
 E - concentration exceeded the calibration range and is estimated.

Authorized: Monika Santucci  
 Date: January 5, 2005 Monika Santucci

# O'Brien & Gere Laboratories, Inc.

# Analytical Results Method: 8260

Client: O'Brien & Gere Inc. of North America  
 Project: Former Accurate Die - Fayetteville, NY  
 Proj. Desc:  
 Package#: 9667  
 Sample: F1458  
 Sample Description: MW-22  
 Instrument: HP5973 GC/MS#1  
 Units: ug/L  
 Number of analytes: 7

Job No.: 3027.001.11102  
 Certification NY No.: 10155  
 Collected: 12/28/04 Matrix: Water  
 Received: 12/28/04 QC Batch: 123004W1  
 Prepared: 12/30/04 %Solids:  
 Sample Size: 10 mL  
 Dilution: 2

Parameter	Result	Qual	PQL	Analyzed Notes
Methylene chloride	<4.0	U	4.0	12/30/04
trans-1,2-Dichloroethene	1.1		1.0	12/30/04
cis-1,2-Dichloroethene	47.		1.0	12/30/04
Trichloroethene	18.		1.0	12/30/04
Toluene	<1.0	U	1.0	12/30/04
Tetrachloroethene	<1.0	U	1.0	12/30/04
1,1,2,2-Tetrachloroethane	<1.0	U	1.0	12/30/04

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	108		78-120
1,2-Dichloroethane-d4 (surrogate)	117		71-126
Toluene-d8 (surrogate)	93		80-120
Bromofluorobenzene (surrogate)	89		78-120

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.  
 # - Outside control limits U - Undetected at the reported level.  
 J - reported value is estimated. D - Result is diluted.  
 E - concentration exceeded the calibration range and is estimated.

Authorized: Monika Santucci  
 Date: January 5, 2005 Monika Santucci

# O'Brien & Gere Laboratories, Inc.

# Analytical Results Method: 8260

Client: O'Brien & Gere Inc. of North America  
 Project: Former Accurate Die - Fayetteville, NY  
 Proj. Desc:  
 Package#: 9667  
 Sample: F1460  
 Sample Description: MW-24  
 Instrument: HP5973 GC/MS#1  
 Units: ug/L  
 Number of analytes: 7

Job No.: 3027.001.11102  
 Certification NY No.: 10155

Collected: 12/28/04 Matrix: Water  
 Received: 12/28/04 QC Batch: 123004W1  
 Prepared: 12/30/04 %Solids:  
 Sample Size: 10 mL  
 Dilution: 10

Parameter	Result	Qual	PQL	Analyzed Notes
Methylene chloride	<20.	U	20.	12/30/04
trans-1,2-Dichloroethene	<5.0	U	5.0	12/30/04
cis-1,2-Dichloroethene	69.		5.0	12/30/04
Trichloroethene	96.		5.0	12/30/04
Toluene	<5.0	U	5.0	12/30/04
Tetrachloroethene	<5.0	U	5.0	12/30/04
1,1,2,2-Tetrachloroethane	<5.0	U	5.0	12/30/04

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	110		78-120
1,2-Dichloroethane-d4 (surrogate)	118		71-126
Toluene-d8 (surrogate)	96		80-120
Bromofluorobenzene (surrogate)	91		78-120

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.  
 # - Outside control limits U - Undetected at the reported level.  
 J - reported value is estimated. D - Result is diluted.  
 E - concentration exceeded the calibration range and is estimated.

Authorized: Monika Santucci  
 Date: January 5, 2005 Monika Santucci

# O'Brien & Gere Laboratories, Inc.

# Analytical Results Method: 8260

Client: O'Brien & Gere Inc. of North America  
 Project: Former Accurate Die - Fayetteville, NY  
 Proj. Desc:  
 Package#: 9667  
 Sample: F1453  
 Sample Description: PZ-1  
 Instrument: HP5973 GC/MS#1  
 Units: ug/L  
 Number of analytes: 7

Job No.: 3027.001.11102  
 Certification NY No.: 10155

Collected: 12/28/04 Matrix: Water  
 Received: 12/28/04 QC Batch: 123004W1  
 Prepared: 12/30/04 %Solids:  
 Sample Size: 10 mL  
 Dilution: 5

Parameter	Result	Qual	PQL	Analyzed Notes
Methylene chloride	<10.	U	10.	12/30/04
trans-1,2-Dichloroethene	<2.5	U	2.5	12/30/04
cis-1,2-Dichloroethene	<2.5	U	2.5	12/30/04
Trichloroethene	120.		2.5	12/30/04
Toluene	<2.5	U	2.5	12/30/04
Tetrachloroethene	<2.5	U	2.5	12/30/04
1,1,2,2-Tetrachloroethane	<2.5	U	2.5	12/30/04

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	108		78-120
1,2-Dichloroethane-d4 (surrogate)	115		71-126
Toluene-d8 (surrogate)	97		80-120
Bromofluorobenzene (surrogate)	88		78-120

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.  
 # - Outside control limits U - Undetected at the reported level.  
 J - reported value is estimated. D - Result is diluted.  
 E - concentration exceeded the calibration range and is estimated.

Authorized: Monika Santucci  
 Date: January 5, 2005 Monika Santucci

# O'Brien & Gere Laboratories, Inc.

# Analytical Results Method: 8260

Client: O'Brien & Gere Inc. of North America  
 Project: Former Accurate Die - Fayetteville, NY  
 Proj. Desc:  
 Package#: 9667  
 Sample: F1454  
 Sample Description: PZ-2  
 Instrument: HP5973 GC/MS#1  
 Units: ug/L  
 Number of analytes: 7

Job No.: 3027.001.11102  
 Certification NY No.: 10155

Collected: 12/28/04 Matrix: Water  
 Received: 12/28/04 QC Batch: 123004W1  
 Prepared: 12/30/04 %Solids:  
 Sample Size: 10 mL  
 Dilution: 5

Parameter	Result	Qual	PQL	Analyzed Notes
Methylene chloride	<10.	U	10.	12/30/04
trans-1,2-Dichloroethene	<2.5	U	2.5	12/30/04
cis-1,2-Dichloroethene	<2.5	U	2.5	12/30/04
Trichloroethene	130.		2.5	12/30/04
Toluene	<2.5	U	2.5	12/30/04
Tetrachloroethene	<2.5	U	2.5	12/30/04
1,1,2,2-Tetrachloroethane	<2.5	U	2.5	12/30/04

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	107		78 - 120
1,2-Dichloroethane-d4 (surrogate)	113		71 - 126
Toluene-d8 (surrogate)	97		80 - 120
Bromofluorobenzene (surrogate)	90		78 - 120

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.  
 # - Outside control limits U - Undetected at the reported level.  
 J - reported value is estimated. D - Result is diluted.  
 E - concentration exceeded the calibration range and is estimated.

Authorized: *Monika Santucci*  
 Date: January 5, 2005 Monika Santucci

# O'Brien & Gere Laboratories, Inc.

## Analytical Results Method: 8260

Client: O'Brien & Gere Inc. of North America  
 Project: Former Accurate Die - Fayetteville, NY  
 Proj. Desc:  
 Package#: 9667  
 Sample: F1463  
 Sample Description: QC Trip Blank  
 Instrument: HP5973 GC/MS#1  
 Units: ug/L  
 Number of analytes: 7

Job No.: 3027.001.11102  
 Certification NY No.: 10155

Collected: 12/28/04 Matrix: Water  
 Received: 12/28/04 QC Batch: 010305W1  
 Prepared: 01/03/05 %Solids:  
 Sample Size: 10 mL  
 Dilution: 1

Parameter	Result	Qual	PQL	Analyzed Notes
Methylene chloride	<2.0	U	2.0	01/03/05
trans-1,2-Dichloroethene	<.50	U	.50	01/03/05
cis-1,2-Dichloroethene	<.50	U	.50	01/03/05
Trichloroethene	<.50	U	.50	01/03/05
Toluene	<.50	U	.50	01/03/05
Tetrachloroethene	<.50	U	.50	01/03/05
1,1,2,2-Tetrachloroethane	<.50	U	.50	01/03/05

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	105		78 - 120
1,2-Dichloroethane-d4 (surrogate)	111		71 - 126
Toluene-d8 (surrogate)	95		80 - 120
Bromofluorobenzene (surrogate)	93		78 - 120

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.  
 # - Outside control limits U - Undetected at the reported level.  
 J - reported value is estimated. D - Result is diluted.  
 E - concentration exceeded the calibration range and is estimated.

Authorized: Monika Santucci  
 Date: January 5, 2005 Monika Santucci



Client:						Analysis/Method									
Project: <i>Accurate Dip</i>						<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">VOCS (5260)</div> <div style="font-size: 2em;">9667</div> </div>									
Sampled by:															
Client Contact:			Phone #												
Sample Description															
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers						Comments				
MW-14	12/28/04	1215	Water	Grab	3	X									
MW-5		1302													
PZ-1		1320													
PZ-2		1340													
MW-17		1402													
MW-12		1420													
MW-9		1435													
MW-22		1445													
MW-21		1500													
MW-24		1530													
MW-15B		1540													
MW-16B		1600													
Relinquished by: <i>YVVI VLLI2</i>			Date: 12/28/04 Time: <del>17:50</del> 16:55			Received by:			Date:		Time:				
Relinquished by:			Date:			Time:			Received by:			Date:		Time:	
Relinquished by:			Date:			Time:			Received by Lab: <i>[Signature]</i>			Date: 12/28/04		Time: 4:55	
Shipment Method:						Airbill Number:									

Turnaround Time Required:

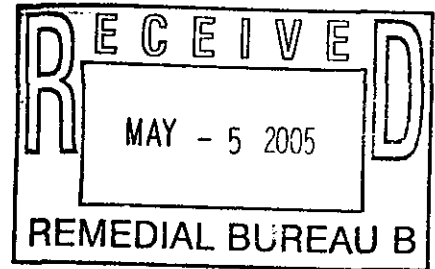
Routine \_\_\_\_\_  
 Rush (Specify) \_\_\_\_\_

Cooler Temperature: 4°C Welliced

Comments: *2 Trip blanks for VOCS*



May 3, 2005



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

Re: Former Accurate Die Casting Site  
Fayetteville, NY

File: 2488/25463 #2

Dear Mr. Grathwol:

This letter presents the status of ground water treatment plant operations for the former Accurate Die Casting site in Fayetteville, New York for the first quarter of 2005 (December 30, 2004 through March 31, 2005). 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:**

1. As of March 31, 2005, a total of 62,142,440 gallons of groundwater has been treated since startup on February 5, 1996. Since December 30, 2004, 1,127,150 gallons of groundwater have been treated; 319,620 gallons from recovery well RW-1, 807,200 gallons from recovery well RW-2, 260 gallons from the sump located outside the northeast corner of the building, and 70 gallons from the groundwater collection trench constructed in the former VOC/PAH/PCB Soils Area.
2. 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 in January, February, and March 2005 are summarized in Table 1. The laboratory analytical data sheets are provided as Attachment A.

**Activities Scheduled:**

1. Continue operation of the ground water recovery and treatment system, including SPDES monitoring.

If you have any questions regarding this report, please do not hesitate to call me at (315) 437-6100.

Very truly yours,

O'BRIEN & GERE ENGINEERS, INC.

A handwritten signature in cursive script, appearing to read 'Alfred R. Farrell'.

Alfred R. Farrell, P.E.  
Project Associate

I:\DIV7\PROJECTS\2488\25463\2\_CORRES\1st\_qtr2005report.doc

Attachments



O'Brien & Gere Engineers, Inc., an O'Brien & Gere company  
5000 Brittonfield Parkway / P.O. Box 4873, Syracuse, New York 13221-4873  
(315) 437-6100 / FAX (315) 463-7554 • [http:// www.obg.com](http://www.obg.com)  
... and offices in major U.S. cities

Mr. John C. Grathwol, P.E.

May 3, 2005

Page 2

cc: James Burke – NYSDEC Region 7  
H. Hamel – NYSDOH  
T. Slutzky – The Anderson Company  
J. Sutphen – O'Brien & Gere, Office of General Counsel  
G. Swenson – O'Brien & Gere Engineers, Inc.  
W. Monette – O'Brien & Gere Engineers, Inc.  
D. Carnevale – O'Brien & Gere Engineers, Inc.



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

Analyte (units)	Monitoring Requirements				Effluent 1/3/2005	Effluent 1/4/2005	Effluent 1/5/2005	Effluent 1/6/2005
	Discharge Limitation Daily Average	Discharge Limitation Daily Maximum	Minimum Measurement Frequency (1)	Sample Type				
Flow (GPD)	Monitor	150000	Continuous	Meter	12,124	12,385	12,160	12,125
pH (SU)	6.5-8.5		2/Week	Grab	7.21	7.48	7.21	7.53
Residue, non-filterable (mg/L)	Monitor	20	Weekly	3-hr comp.	---	---	---	5.0 U
Total dissolved solids (TDS) (mg/L)	Monitor	Monitor	Weekly	3-hr comp.	---	---	---	550
Mercury, total (mg/L)	Monitor	0.0008	Quarterly	3-hr comp.	---	---	---	0.00020 U
Zinc, total (mg/L)	Monitor	0.3	Quarterly	3-hr comp.	---	---	---	0.095
cis-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab	---	---	---	0.50 U
trans-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab	---	---	---	0.50 U
Methylene chloride (ug/L)	Monitor	20	2/Month	Grab	---	---	---	2.0 U
1,1,2,2-Tetrachloroethane (ug/L)	Monitor	10	2/Month	Grab	---	---	---	0.50 U
Tetrachloroethene (ug/L)	Monitor	10	2/Month	Grab	---	---	---	0.50 U
Toluene (ug/L)	Monitor	20	2/Month	Grab	---	---	---	0.50 U
Trichloroethene (ug/L)	Monitor	10	2/Month	Grab	---	---	---	0.50 U

NOTES:  
 --- - Not analyzed, NA - Data Not available  
 U - Not Detected, J - Estimated

(1) Minimum monitoring requirements based on the SPDES permit modified November 21, 1997.



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

Analyte (units)	Effluent 1/7/2005	Effluent 1/10/2005	Effluent 1/11/2005	Effluent 1/12/2005	Effluent 1/13/2005	Effluent 1/14/2005	Effluent 1/17/2005	Effluent 1/18/2005	Effluent 1/19/2005
Flow (GPD)	12,260	12,203	12,130	12,270	12,240	12,300	12,301	12,500	12,509
pH (SU)	7.29	7.25	7.22	7.22	7.22	7.22	7.29	7.31	7.29
Residue, non-filterable (mg/L)	---	---	---	---	5.0 U	---	---	---	---
Total dissolved solids (TDS) (mg/L)	---	---	---	---	400	---	---	---	---
Mercury, total (mg/L)	---	---	---	---	---	---	---	---	---
Zinc, total (mg/L)	---	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethene (ug/L)	---	---	---	---	---	---	---	---	---
trans-1,2-Dichloroethene (ug/L)	---	---	---	---	---	---	---	---	---
Methylene chloride (ug/L)	---	---	---	---	---	---	---	---	---
1,1,2,2-Tetrachloroethane (ug/L)	---	---	---	---	---	---	---	---	---
Tetrachloroethene (ug/L)	---	---	---	---	---	---	---	---	---
Toluene (ug/L)	---	---	---	---	---	---	---	---	---
Trichloroethene (ug/L)	---	---	---	---	---	---	---	---	---

NOTES:  
 --- - Not analyzed, NA - Data Not available  
 U - Not Detected, J - Estimated

(1) Minimum monitoring requirements based on the SPDES permit modified November 21, 1997.

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

Analyte (units)	Effluent 1/20/2005	Effluent 1/24/2005	Effluent 1/25/2005	Effluent 1/26/2005	Effluent 1/28/2005	Effluent 1/31/2005	Effluent 2/1/2005	Effluent 2/2/2005	Effluent 2/3/2005
Flow (GPD)	12,250	12,528	12,881	12,560	12,449	12,500	12,490	12,440	12,560
pH (SU)	7.29	7.31	7.31	7.26	7.23	7.21	7.21	7.19	7.21
Residue, non-filterable (mg/L)	5.0 U	---	---	---	5.0 U	---	---	---	5.0 U
Total dissolved solids (TDS) (mg/L)	590	---	---	---	610	---	---	---	530
Mercury, total (mg/L)	---	---	---	---	---	---	---	---	---
Zinc, total (mg/L)	---	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethene (ug/L)	0.50 U	---	---	---	---	---	---	---	0.50 U
trans-1,2-Dichloroethene (ug/L)	0.50 U	---	---	---	---	---	---	---	0.50 U
Methylene chloride (ug/L)	2.0 U	---	---	---	---	---	---	---	2.0 U
1,1,2,2-Tetrachloroethane (ug/L)	0.50 U	---	---	---	---	---	---	---	0.50 U
Tetrachloroethene (ug/L)	0.50 U	---	---	---	---	---	---	---	0.50 U
Toluene (ug/L)	0.50 U	---	---	---	---	---	---	---	0.50 U
Trichloroethene (ug/L)	0.50 U	---	---	---	---	---	---	---	0.50 U

NOTES:

--- - Not analyzed, NA - Data Not available

U - Not Detected, J - Estimated

(1) Minimum monitoring requirements based on the SPDES permit modified November 21, 1997.

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

Analyte (units)	Effluent 2/4/2005	Effluent 2/7/2005	Effluent 2/8/2005	Effluent 2/9/2005	Effluent 2/10/2005	Effluent 2/11/2005	Effluent 2/14/2005	Effluent 2/15/2005	Effluent 2/16/2005
Flow (GPD)	12,410	12,050	12,320	12,470	12,442	12,469	12,393	12,390	12,470
pH (SU)	7.19	7.19	7.18	7.18	7.18	7.19	7.19	7.17	7.19
Residue, non-filterable (mg/L)	---	---	---	---	5.0 U	---	---	---	---
Total dissolved solids (TDS) (mg/L)	---	---	---	---	620	---	---	---	---
Mercury, total (mg/L)	---	---	---	---	---	---	---	---	---
Zinc, total (mg/L)	---	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethene (ug/L)	---	---	---	---	---	---	---	---	---
trans-1,2-Dichloroethene (ug/L)	---	---	---	---	---	---	---	---	---
Methylene chloride (ug/L)	---	---	---	---	---	---	---	---	---
1,1,2,2-Tetrachloroethane (ug/L)	---	---	---	---	---	---	---	---	---
Tetrachloroethene (ug/L)	---	---	---	---	---	---	---	---	---
Toluene (ug/L)	---	---	---	---	---	---	---	---	---
Trichloroethene (ug/L)	---	---	---	---	---	---	---	---	---

NOTES:

--- - Not analyzed, NA - Data Not available

U - Not Detected, J - Estimated

(1) Minimum monitoring requirements based on the SPDES permit modified November 21, 1997.



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

Analyte (units)	Effluent 2/16/2005	Effluent 2/17/2005	Effluent 2/21/2005	Effluent 2/22/2005	Effluent 2/23/2005	Effluent 2/24/2005	Effluent 2/25/2005	Effluent 2/28/2005	Effluent 3/1/2005
Flow (GPD)	12,380	12,306	12,387	12,368	12,570	12,300	12,430	12,407	12,470
pH (SU)	7.19	7.17	7.17	7.17	7.17	7.16	7.17	7.17	7.17
Residue, non-filterable (mg/L)	5.0 U	---	---	---	---	5.0 U	---	---	---
Total dissolved solids (TDS) (mg/L)	610	---	---	---	---	530	---	---	---
Mercury, total (mg/L)	---	---	---	---	---	---	---	---	---
Zinc, total (mg/L)	---	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethene (ug/L)	0.50 U	---	---	---	---	---	---	---	---
trans-1,2-Dichloroethene (ug/L)	0.50 U	---	---	---	---	---	---	---	---
Methylene chloride (ug/L)	2.0 U	---	---	---	---	---	---	---	---
1,1,2,2-Tetrachloroethane (ug/L)	0.50 U	---	---	---	---	---	---	---	---
Tetrachloroethene (ug/L)	0.50 U	---	---	---	---	---	---	---	---
Toluene (ug/L)	0.50 U	---	---	---	---	---	---	---	---
Trichloroethene (ug/L)	0.50 U	---	---	---	---	---	---	---	---

NOTES:  
 --- - Not analyzed, NA - Data Not available  
 U - Not Detected, J - Estimated

(1) Minimum monitoring requirements based on the SPDES permit modified November 21, 1997.





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

Analyte (units)	Effluent 3/2/2005	Effluent 3/3/2005	Effluent 3/4/2005	Effluent 3/7/2005	Effluent 3/8/2005	Effluent 3/9/2005	Effluent 3/10/2005	Effluent 3/11/2005	Effluent 3/14/2005
Flow (GPD)	12,340	12,350	12,400	12,326	12,520	12,230	12,370	11,820	12,587
pH (SU)	7.18	7.17	7.19	7.19	7.19	7.19	7.19	7.19	7.19
Residue, non-filterable (mg/L)	---	---	5.0 U	---	---	---	5.0 U	---	---
Total dissolved solids (TDS) (mg/L)	---	---	420	---	---	---	610	---	---
Mercury, total (mg/L)	---	---	---	---	---	---	---	---	---
Zinc, total (mg/L)	---	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethene (ug/L)	---	---	0.50 U	---	---	---	---	---	---
trans-1,2-Dichloroethene (ug/L)	---	---	0.50 U	---	---	---	---	---	---
Methylene chloride (ug/L)	---	---	2.0 U	---	---	---	---	---	---
1,1,2,2-Tetrachloroethane (ug/L)	---	---	0.50 U	---	---	---	---	---	---
Tetrachloroethene (ug/L)	---	---	0.50 U	---	---	---	---	---	---
Toluene (ug/L)	---	---	0.50 U	---	---	---	---	---	---
Trichloroethene (ug/L)	---	---	0.50 U	---	---	---	---	---	---

NOTES:  
 --- - Not analyzed, NA - Data Not available  
 U - Not Detected, J - Estimated

(1) Minimum monitoring requirements based on the SPDES permit modified November 21, 1997.



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

Analyte (units)	Effluent 3/15/2005	Effluent 3/16/2005	Effluent 3/17/2005	Effluent 3/18/2005	Effluent 3/21/2005	Effluent 3/22/2005	Effluent 3/23/2005	Effluent 3/24/2005	Effluent 3/25/2005
Flow (GPD)	12,350	12,360	12,350	12,519	12,369	12,400	12,440	12,284	12,449
pH (SU)	7.19	7.19	7.19	7.19	7.19	7.17	3.17	7.17	7.19
Residue, non-filterable (mg/L)	---	---	5.0 U	---	---	---	---	5.0 U	---
Total dissolved solids (TDS) (mg/L)	---	---	600	---	---	---	---	600	---
Mercury, total (mg/L)	---	---	---	---	---	---	---	---	---
Zinc, total (mg/L)	---	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethene (ug/L)	---	---	0.50 U	---	---	---	---	---	---
trans-1,2-Dichloroethene (ug/L)	---	---	0.50 U	---	---	---	---	---	---
Methylene chloride (ug/L)	---	---	2.0 U	---	---	---	---	---	---
1,1,2,2-Tetrachloroethane (ug/L)	---	---	0.50 U	---	---	---	---	---	---
Tetrachloroethene (ug/L)	---	---	0.50 U	---	---	---	---	---	---
Toluene (ug/L)	---	---	0.50 U	---	---	---	---	---	---
Trichloroethene (ug/L)	---	---	0.5 U	---	---	---	---	---	---

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



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

Analyte (units)	Effluent 3/28/2005	Effluent 3/29/2005	Effluent 3/31/2005
Flow (GPD)	12,433	12,550	12,590
pH (SU)	7.19	7.19	7.17
Residue, non-filterable (mg/L)	---	---	5.0 U
Total dissolved solids (TDS) (mg/L)	---	---	600
Mercury, total (mg/L)	---	---	---
Zinc, total (mg/L)	---	---	---
cis-1,2-Dichloroethene (ug/L)	---	---	---
trans-1,2-Dichloroethene (ug/L)	---	---	---
Methylene chloride (ug/L)	---	---	---
1,1,2,2-Tetrachloroethane (ug/L)	---	---	---
Tetrachloroethene (ug/L)	---	---	---
Toluene (ug/L)	---	---	---
Trichloroethene (ug/L)	---	---	---

NOTES:

--- - Not analyzed, NA - Data Not available

U - Not Detected, J - Estimated

(1) Minimum monitoring requirements based on the SPDES permit modified November 21, 1997.

**ATTACHMENT A**

**SPDES PERMIT COMPLIANCE MONITORING  
LABORATORY ANALYTICAL DATA REPORT**

# O'Brien & Gere Laboratories, Inc.

## Analytical Results Method: 8260

Client: O'Brien & Gere Inc. of North America  
Project: Former Accurate Die - Fayetteville, NY  
Proj. Desc:  
Package#: 9714  
Sample: F1712  
Sample Description: WTP Influent  
Instrument: HP5973 GC/MS#1  
Units: ug/L  
Number of analytes: 7

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 01/06/05 Matrix: Water  
Received: 01/06/05 QC Batch: 011205W1  
Prepared: 01/12/05 %Solids:  
Sample Size: 10 mL  
Dilution: 50

Parameter	Result	Qual	PQL	Analyzed Notes
Methylene chloride	<100.	U	100.	01/12/05
trans-1,2-Dichloroethene	<25.	U	25.	01/12/05
cis-1,2-Dichloroethene	<25.	U	25.	01/12/05
Trichloroethene	1100.		25.	01/12/05
Toluene	<25.	U	25.	01/12/05
Tetrachloroethene	<25.	U	25.	01/12/05
1,1,2,2-Tetrachloroethane	<25.	U	25.	01/12/05

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	114		78-120
1,2-Dichloroethane-d4 (surrogate)	121		71-126
Toluene-d8 (surrogate)	97		80-120
Bromofluorobenzene (surrogate)	94		78-120

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.  
# - Outside control limits U - Undetected at the reported level.  
J - reported value is estimated. D - Result is diluted.  
E - concentration exceeded the calibration range and is estimated.

Authorized: Monika Santucci  
Date: January 12, 2005 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

# O'Brien & Gere Laboratories, Inc.

## Analytical Results Method: 8260

Client: O'Brien & Gere Inc. of North America  
Project: Former Accurate Die - Fayetteville, NY  
Proj. Desc:  
Package#: 9714  
Sample: F1713  
Sample Description: WTP In-between  
Instrument: HP5973 GC/MS#1  
Units: ug/L  
Number of analytes: 7

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 01/06/05 Matrix: Water  
Received: 01/06/05 QC Batch: 011205W1  
Prepared: 01/12/05 %Solids:  
Sample Size: 10 mL  
Dilution: 1

Parameter	Result	Qual	PQL	Analyzed Notes
Methylene chloride	<2.0	U	2.0	01/12/05
trans-1,2-Dichloroethene	<.50	U	.50	01/12/05
cis-1,2-Dichloroethene	<.50	U	.50	01/12/05
Trichloroethene	<.50	U	.50	01/12/05
Toluene	<.50	U	.50	01/12/05
Tetrachloroethene	<.50	U	.50	01/12/05
1,1,2,2-Tetrachloroethane	<.50	U	.50	01/12/05

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	112		78-120
1,2-Dichloroethane-d4 (surrogate)	120		71-126
Toluene-d8 (surrogate)	96		80-120
Bromofluorobenzene (surrogate)	94		78-120

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.  
# - Outside control limits U - Undetected at the reported level.  
J - reported value is estimated. D - Result is diluted.  
E - concentration exceeded the calibration range and is estimated.

Authorized: Monika Santucci  
Date: January 12, 2005 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

# O'Brien & Gere Laboratories, Inc.

# Analytical Results Method: 8260

Client: O'Brien & Gere Inc. of North America  
 Project: Former Accurate Die - Fayetteville, NY  
 Proj. Desc:  
 Package#: 9714  
 Sample: F1714  
 Sample Description: WTP Effluent  
 Instrument: HP5973 GC/MS#1  
 Units: ug/L  
 Number of analytes: 7

Job No.: 3027.001.11102  
 Certification NY No.: 10155

Collected: 01/06/05 Matrix: Water  
 Received: 01/06/05 QC Batch: 011205W1  
 Prepared: 01/12/05 %Solids:  
 Sample Size: 10 mL  
 Dilution: 1

Parameter	Result	Qual	PQL	Analyzed Notes
Methylene chloride	<2.0	U	2.0	01/12/05
trans-1,2-Dichloroethene	<.50	U	.50	01/12/05
cis-1,2-Dichloroethene	<.50	U	.50	01/12/05
Trichloroethene	<.50	U	.50	01/12/05
Toluene	<.50	U	.50	01/12/05
Tetrachloroethene	<.50	U	.50	01/12/05
1,1,2,2-Tetrachloroethane	<.50	U	.50	01/12/05

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	118		78-120
1,2-Dichloroethane-d4 (surrogate)	124		71-126
Toluene-d8 (surrogate)	97		80-120
Bromofluorobenzene (surrogate)	92		78-120

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.  
 # - Outside control limits U - Undetected at the reported level.  
 J - reported value is estimated. D - Result is diluted.  
 E - concentration exceeded the calibration range and is estimated.

Authorized: Monika Santucci  
 Date: January 12, 2005 Monika Santucci

# O'Brien & Gere Laboratories, Inc.

# Analytical Results Trace Metals

Client: O'Brien & Gere Inc. of North America  
Project: Former Accurate Die - Fayetteville, NY  
Proj. Desc:  
Package#: 9714  
Sample: F1710  
Sample Description: WTP Effluent  
Units: mg/L

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 01/06/05      Matrix: Water  
Received: 01/06/05      %Solids:  
Number of analytes: 2

Parameter	Result	Q	Method	PQL	Prepared	Analyzed	QC Batch	Dil	Note
Mercury	<.00020	U	245.1	.00020	01/10/05	01/10/05	011005W1	1	
Zinc	.095		200.7	.010	01/07/05	01/11/05	010705W2	1	

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.  
U - Undetected at the reported level.  
J - Reported value is estimated. D - Result is diluted.  
E - Concentration exceeded the calibration range and is estimated.

Authorized: Monika Santucci  
Date: January 18, 2005      Monika Santucci



# O'Brien & Gere Laboratories, Inc.

# Analytical Results Trace Metals

Client: O'Brien & Gere Inc. of North America  
Project: Former Accurate Die - Fayetteville, NY  
Proj. Desc:  
Package#: 9714  
Sample: F1711  
Sample Description: WTP Influent  
Units: mg/L

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 01/06/05      Matrix: Water  
Received: 01/06/05      %Solids:  
Number of analytes: 2

Parameter	Result	Q	Method	PQL	Prepared	Analyzed	QC Batch	Dil	Note
Mercury	<.00020	U	245.1	.00020	01/10/05	01/10/05	011005W1	1	
Zinc	.044		200.7	.010	01/07/05	01/11/05	010705W2	1	

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.  
U - Undetected at the reported level.  
J - Reported value is estimated. D - Result is diluted.  
E - Concentration exceeded the calibration range and is estimated.

Authorized: Monika Santucci  
Date: January 18, 2005      Monika Santucci

# O'Brien & Gere Laboratories, Inc.

# Analytical Results Wet Chemistry

Client: O'Brien & Gere Inc. of North America  
Project: Former Accurate Die - Fayetteville, NY  
Proj. Desc:  
Package#: 9714  
Sample: F1710  
Samp. Description: WTP Effluent

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 01/06/05  
Received: 01/06/05 10:45  
Matrix: Water  
Number of Analytes: 2

<u>Parameter</u>	<u>Result</u>	<u>Q</u>	<u>Units</u>	<u>Method</u>	<u>PQL</u>	<u>Analyzed</u>	<u>QC Batch</u>	<u>Dil</u>	<u>Note</u>
Total dissolved solids	550.		mg/L	EPA 160.1	10.	01/07/05	010705W1	1	
Total suspended solids	<5.0	U	mg/L	EPA 160.2	5.0	01/07/05	010705W13	1	

Notes:

B - Analyte detected above the PQL in the associated Prep Blank  
U - Undetected at the reported level.  
J - Reported value is estimated. D- Result is diluted.  
E - Concentration exceeded the calibration range and is estimated.

Authorized: Monika Santucci  
Date: January 19, 2005 Monika Santucci

# O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway  
 East Syracuse, New York 13057  
 (315) 437-0200

# Chain of Custody

Client: <u>OG/INA</u>						Analysis/Method <u>9713 9714</u>					
Project: <u>Former Accurate Die Cast</u>						<div style="display: flex; justify-content: space-around;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TSS/TDS</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">2nd Hg 245</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">2nd Hg 245</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">VOC's 8021</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">VOC's 8021</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">VOC's 8260</div> </div>					
Sampled by: <u>Richard McLaughlin</u>											
Client Contact: <u>Al Farrell</u> Phone # <u>2316</u>											
<b>Sample Description</b>											
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers						
<u>WTP Effluent</u>	<u>1/6/05</u>	<u>10:00</u>	<u>WATER</u>	<u>Comp</u>	<u>1</u>						
<u>WTP Effluent</u>	<u>1/6/05</u>	<u>7:00</u>	<u>WATER</u>	<u>Grab</u>	<u>1</u>						
<u>WTP Influent</u>	<u>1/6/05</u>	<u>7:00</u>	<u>WATER</u>	<u>Comp</u>	<u>1</u>						
<u>WTP Influent</u>	<u>1/6/05</u>	<u>7:00</u>	<u>WATER</u>	<u>Grab</u>	<u>2</u>						
<u>WTP In-Between</u>	<u>1/6/05</u>	<u>7:00</u>	<u>WATER</u>	<u>Grab</u>	<u>2</u>						
<u>WTP Effluent</u>	<u>1/6/05</u>	<u>7:00</u>	<u>WATER</u>	<u>Grab</u>	<u>2</u>						
Relinquished by: <u>Richard McLaughlin</u>			Date: <u>1/6/05</u> Time: <u>10:45</u>			Received by:			Date: _____ Time: _____		
Relinquished by:			Date: _____ Time: _____			Received by:			Date: _____ Time: _____		
Relinquished by:			Date: _____ Time: _____			Received by Lab: <u>ZS</u>			Date: <u>1/6/05</u> Time: <u>10:45</u>		
Shipment Method: <u>HAND</u>						Airbill Number: _____					

Turnaround Time Required:  
 Routine  \_\_\_\_\_  
 Rush (Specify) \_\_\_\_\_

Comments:

Cooler Temperature: 6°C (various)

Original - Laboratory  
 Copy - Client

**O'Brien & Gere  
Laboratories, Inc.**

**Analytical Results  
Wet Chemistry**

Client: O'Brien & Gere Inc. of North America  
Project: Former Accurate Die - Fayetteville, NY  
Proj. Desc:  
Package#: 9752  
Sample: F1919  
Samp. Description: WTP EFFLUENT

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 01/13/05  
Received: 01/13/05 11:25  
Matrix: Water  
Number of Analytes: 2

<u>Parameter</u>	<u>Result</u>	<u>Q</u>	<u>Units</u>	<u>Method</u>	<u>PQL</u>	<u>Analyzed</u>	<u>QC Batch</u>	<u>Dil</u>	<u>Note</u>
Total dissolved solids	400.		mg/L	EPA 160.1	10.	01/17/05	011705W11	1	
Total suspended solids	<5.0	U	mg/L	EPA 160.2	5.0	01/17/05	011705W12	1	

Notes:

B - Analyte detected above the PQL in the associated Prep Blank  
U - Undetected at the reported level.  
J - Reported value is estimated. D- Result is diluted.  
E - Concentration exceeded the calibration range and is estimated.

Authorized: Monika Santucci  
Date: February 1, 2005 Monika Santucci

Client: <u>OGINA</u>						Analysis/Method						
Project: <u>Former Accurate Die Cast</u>						<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TSS/TDS</div> <div style="font-size: 2em;">9752</div> </div>						
Sampled by: <u>Richard McLaughlin</u>												
Client Contact: <u>A1 Farnell</u> Phone # <u>2316</u>												
Sample Description												
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers							Comments
<u>WTP Effluent</u>	<u>1/13/05</u>	<u>10:00</u>	<u>Water</u>	<u>Comp</u>	<u>1</u>							
Relinquished by: <u>Richard McLaughlin</u>				Date: <u>1/13/05</u> Time: <u>11:25</u>		Received by:				Date:      Time:		
Relinquished by:				Date:      Time:		Received by:				Date:      Time:		
Relinquished by:				Date:      Time:		Received by Lab: <u>[Signature]</u>				Date: <u>1/13/05</u> Time: <u>11:25</u>		
Shipment Method: <u>Hand.</u>						Airbill Number:						

Turnaround Time Required:  
 Routine   ✓    
 Rush (Specify)           

Comments:

Cooler Temperature: 9°C iced

# O'Brien & Gere Laboratories, Inc.

# Analytical Results Method: 8260

Client: O'Brien & Gere Inc. of North America  
Project: Former Accurate Die - Fayetteville, NY  
Proj. Desc:  
Package#: 9784  
Sample: F2126  
Sample Description: WTP EFFLUENT-GRAB  
Instrument: HP5973 GC/MS#1  
Units: ug/L  
Number of analytes: 7

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 01/20/05 Matrix: Water  
Received: 01/20/05 QC Batch: 012705W1  
Prepared: 01/27/05 %Solids:  
Sample Size: 10 mL  
Dilution: 1

Parameter	Result	Qual	PQL	Analyzed Notes
Methylene chloride	<2.0	U	2.0	01/27/05
trans-1,2-Dichloroethene	<.50	U	.50	01/27/05
cis-1,2-Dichloroethene	<.50	U	.50	01/27/05
Trichloroethene	<.50	U	.50	01/27/05
Toluene	<.50	U	.50	01/27/05
Tetrachloroethene	<.50	U	.50	01/27/05
1,1,2,2-Tetrachloroethane	<.50	U	.50	01/27/05

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	115		78-120
1,2-Dichloroethane-d4 (surrogate)	116		71-126
Toluene-d8 (surrogate)	106		80-120
Bromofluorobenzene (surrogate)	96		78-120

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.  
# - Outside control limits U - Undetected at the reported level.  
J - reported value is estimated. D - Result is diluted.  
E - concentration exceeded the calibration range and is estimated.

Authorized: Monika Santucci  
Date: January 31, 2005 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

**O'Brien & Gere  
Laboratories, Inc.**

**Analytical Results  
Wet Chemistry**

Client: O'Brien & Gere Inc. of North America  
Project: Former Accurate Die - Fayetteville, NY  
Proj. Desc:  
Package#: 9784  
Sample: F2125  
Samp. Description: WTP EFFLUENT-COMP

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 01/20/05  
Received: 01/20/05 11:20  
Matrix: Water  
Number of Analytes: 2

<u>Parameter</u>	<u>Result</u>	<u>Q</u>	<u>Units</u>	<u>Method</u>	<u>PQL</u>	<u>Analyzed</u>	<u>QC Batch</u>	<u>Dil</u>	<u>Note</u>
Total dissolved solids	590.		mg/L	EPA 160.1	10.	01/24/05	012405W12	1	
Total suspended solids	<5.0	U	mg/L	EPA 160.2	5.0	01/21/05	012105W13	1	

Notes:

B - Analyte detected above the PQL in the associated Prep Blank  
U - Undetected at the reported level.  
J - Reported value is estimated. D- Result is diluted.  
E - Concentration exceeded the calibration range and is estimated.

Authorized: Monika Santucci  
Date: February 7, 2005 Monika Santucci

# O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway  
 East Syracuse, New York 13057  
 (315) 437-0200

# Chain of Custody

Client: <u>AGINA</u>						Analysis/Method											
Project: <u>Former Accurate Die Cast</u>						TSS / TDS VOC's 8260								9784			
Sampled by: <u>Richard McLaughlin</u>																	
Client Contact: <u>Al Farnell</u> Phone # <u>2316</u>																	
Sample Description																	
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers									Comments			
<u>WTP Effluent</u>	<u>1/20/05</u>	<u>10:00</u>	<u>WATER</u>	<u>Comp</u>	<u>1</u>	1											
<u>WTP Effluent</u>	<u>1/20/05</u>	<u>10:00</u>	<u>WATER</u>	<u>Grab</u>	<u>2</u>		2										
Relinquished by: <u>[Signature]</u> Date: <u>1/20/05</u> Time: <u>11:20</u>						Received by:			Date:		Time:						
Relinquished by:						Date:			Time:		Received by:			Date:		Time:	
Relinquished by:						Date:			Time:		Received by Lab: <u>[Signature]</u>			Date: <u>1/20/05</u>		Time: <u>11:20</u>	
Shipment Method: <u>HAND</u>						Airbill Number:											

Turnaround Time Required:  
 Routine ✓  
 Rush (Specify) \_\_\_\_\_  
 Cooler Temperature: 7°C (FERS)

Comments:

Original - Laboratory  
 Copy - Client



**O'Brien & Gere  
Laboratories, Inc.**

**Analytical Results  
Wet Chemistry**

Client: O'Brien & Gere Inc. of North America  
Project: Former Accurate Die - Fayetteville, NY  
Proj. Desc:  
Package#: 9836  
Sample: F2420  
Samp. Description: WTP EFFLUENT

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 01/28/05  
Received: 01/28/05 12:20  
Matrix: Water  
Number of Analytes: 2

<u>Parameter</u>	<u>Result</u>	<u>Q</u>	<u>Units</u>	<u>Method</u>	<u>PQL</u>	<u>Analyzed</u>	<u>QC Batch</u>	<u>Dil</u>	<u>Note</u>
Total dissolved solids	610.		mg/L	EPA 160.1	10.	01/31/05	013105W15	1	
Total suspended solids	<5.0	U	mg/L	EPA 160.2	5.0	01/31/05	013105W14	1	

Notes:

B - Analyte detected above the PQL in the associated Prep Blank  
U - Undetected at the reported level.  
J - Reported value is estimated. D- Result is diluted.  
E - Concentration exceeded the calibration range and is estimated.

Authorized: Monika Santucci  
Date: February 9, 2005 Monika Santucci

Client: <u>OG/INA</u>						Analysis/Method							
Project: <u>Former Accurate Die Cast</u>						TSS/TDS							9836
Sampled by: <u>Richard McLaughlin</u>													
Client Contact: <u>Al Farnell</u> Phone # <u>2316</u>													
Sample Description													
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers								Comments
<u>WTP Effluent</u>	<u>1/28/05</u>	<u>10:00</u>	<u>Water</u>	<u>Comp</u>	<u>1</u>	<u>1</u>							
Relinquished by: <u>Richard McLaughlin</u> Date: <u>1/28/05</u> Time: <u>12:20</u>						Received by: _____ Date: _____ Time: _____							
Relinquished by: _____ Date: _____ Time: _____						Received by: _____ Date: _____ Time: _____							
Relinquished by: _____ Date: _____ Time: _____						Received by Lab: <u>[Signature]</u> Date: <u>1/28/05</u> Time: <u>12:20</u>							
Shipment Method: <u>HAND</u>						Airbill Number: _____							

Turnaround Time Required:  
 Routine   
 Rush (Specify) \_\_\_\_\_  
 Cooler Temperature: 60C (FCS)

Comments:

# O'Brien & Gere Laboratories, Inc.

## Analytical Results Method: 8260

Client: O'Brien & Gere Inc. of North America  
Project: Former Accurate Die - Fayetteville, NY  
Proj. Desc:  
Package#: 9866  
Sample: F2551  
Sample Description: WTP EFFLUENT-GRAB  
Instrument: HP5973 GC/MS#1  
Units: ug/L  
Number of analytes: 7

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 02/03/05 Matrix: Water  
Received: 02/03/05 QC Batch: 020305W1  
Prepared: 02/03/05 %Solids:  
Sample Size: 10 mL  
Dilution: 1

Parameter	Result	Qual	PQL	Analyzed	Notes
Methylene chloride	<2.0	U	2.0	02/03/05	
trans-1,2-Dichloroethene	<.50	U	.50	02/03/05	
cis-1,2-Dichloroethene	<.50	U	.50	02/03/05	
Trichloroethene	<.50	U	.50	02/03/05	
Toluene	<.50	U	.50	02/03/05	
Tetrachloroethene	<.50	U	.50	02/03/05	
1,1,2,2-Tetrachloroethane	<.50	U	.50	02/03/05	

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	106		78 - 120
1,2-Dichloroethane-d4 (surrogate)	113		71 - 126
Toluene-d8 (surrogate)	98		80 - 120
Bromofluorobenzene (surrogate)	82		78 - 120

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.  
# - Outside control limits U - Undetected at the reported level.  
J - reported value is estimated. D - Result is diluted.  
E - concentration exceeded the calibration range and is estimated.

Authorized: Monika Santucci  
Date: February 4, 2005      Monika Santucci

# O'Brien & Gere Laboratories, Inc.

# Analytical Results Method: 8260

Client: O'Brien & Gere Inc. of North America  
Project: Former Accurate Die - Fayetteville, NY  
Proj. Desc:  
Package#: 9866  
Sample: F2552  
Sample Description: WTP IN-BETWEEN  
Instrument: HP5973 GC/MS#1  
Units: ug/L  
Number of analytes: 7

Job No.: 3027.001.11102  
Certification NY No.: 10155


Collected: 02/03/05 Matrix: Water  
Received: 02/03/05 QC Batch: 020305W1  
Prepared: 02/03/05 %Solids:  
Sample Size: 10 mL  
Dilution: 1

Parameter	Result	Qual	PQL	Analyzed	Notes
Methylene chloride	<2.0	U	2.0	02/03/05	
trans-1,2-Dichloroethene	<.50	U	.50	02/03/05	
cis-1,2-Dichloroethene	<.50	U	.50	02/03/05	
Trichloroethene	<.50	U	.50	02/03/05	
Toluene	<.50	U	.50	02/03/05	
Tetrachloroethene	<.50	U	.50	02/03/05	
1,1,2,2-Tetrachloroethane	<.50	U	.50	02/03/05	

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	104		78-120
1,2-Dichloroethane-d4 (surrogate)	112		71-126
Toluene-d8 (surrogate)	97		80-120
Bromofluorobenzene (surrogate)	83		78-120

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.  
# - Outside control limits U - Undetected at the reported level.  
J - reported value is estimated. D - Result is diluted.  
E - concentration exceeded the calibration range and is estimated.

Authorized:   
Date: February 4, 2005 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

**O'Brien & Gere  
Laboratories, Inc.**

**Analytical Results  
Wet Chemistry**

Client: O'Brien & Gere Inc. of North America  
Project: Former Accurate Die - Fayetteville, NY  
Proj. Desc:  
Package#: 9866  
Sample: F2550  
Samp. Description: WTP EFFLUENT-COMP

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 02/03/05  
Received: 02/03/05 10:45  
Matrix: Water  
Number of Analytes: 2

<u>Parameter</u>	<u>Result</u>	<u>Q</u>	<u>Units</u>	<u>Method</u>	<u>PQL</u>	<u>Analyzed</u>	<u>QC Batch</u>	<u>Dil</u>	<u>Note</u>
Total dissolved solids	530.		mg/L	EPA 160.1	10.	02/04/05	020405W12	1	
Total suspended solids	<5.0	U	mg/L	EPA 160.2	5.0	02/04/05	020405W11	1	

Notes:

B - Analyte detected above the PQL in the associated Prep Blank  
U - Undetected at the reported level.  
J - Reported value is estimated. D- Result is diluted.  
E - Concentration exceeded the calibration range and is estimated.

Authorized: Monika Santucci  
Date: February 16, 2005 Monika Santucci

**O'Brien & Gere Laboratories, Inc.**

5000 Brittonfield Parkway  
 East Syracuse, New York 13057  
 (315) 437-0200

**Chain of Custody**

Client: <i>OGINA</i>						Analysis/Method										
Project: <i>Former Accurate Die Cast</i>						<i>TSS/TPS</i>	<i>VOC's 8260</i>	<i>VOC's 8021</i>							<i>9866</i>	
Sampled by: <i>Richard McLaughlin</i>																
Client Contact: <i>Al Farrell</i> Phone # <i>2316</i>																
Sample Description																
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers											Comments
<i>WTP Effluent</i>	<i>2/3/05</i>	<i>10:00</i>	<i>WATER</i>	<i>Comp</i>	<i>1</i>	<i>1</i>										
<i>WTP Effluent</i>	<i>2/3/05</i>	<i>10:00</i>	<i>WATER</i>	<i>Grab</i>	<i>3</i>		<i>3</i>									
<i>WTP In-Between</i>	<i>2/3/05</i>	<i>10:00</i>	<i>WATER</i>	<i>Grab</i>	<i>3</i>			<i>3</i>								
Relinquished by: <i>Richard McLaughlin</i> Date: <i>2/3/05</i> Time: <i>10:45</i>						Received by: _____ Date: _____ Time: _____										
Relinquished by: _____ Date: _____ Time: _____						Received by: _____ Date: _____ Time: _____										
Relinquished by: _____ Date: _____ Time: _____						Received by Lab: <i>Monika Santini</i> Date: <i>2/3/05</i> Time: <i>10:45</i>										
Shipment Method: <i>HAND</i>						Airbill Number: _____										

Turnaround Time Required:  
 Routine  \_\_\_\_\_  
 Rush (Specify) \_\_\_\_\_

Comments:  
  
*ice present*

Cooler Temperature: *8.4°C*

Original - Laboratory  
 Copy - Client

**O'Brien & Gere  
Laboratories, Inc.**

**Analytical Results  
Wet Chemistry**

Client: O'Brien & Gere Inc. of North America  
Project: Former Accurate Die - Fayetteville, NY  
Proj. Desc:  
Package#: 9900  
Sample: F2729  
Samp. Description: WTP EFFLUENT

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 02/10/05  
Received: 02/10/05 11:27  
Matrix: Water  
Number of Analytes: 2

<u>Parameter</u>	<u>Result</u>	<u>Q</u>	<u>Units</u>	<u>Method</u>	<u>PQL</u>	<u>Analyzed</u>	<u>QC Batch</u>	<u>Dil</u>	<u>Note</u>
Total dissolved solids	620.		mg/L	EPA 160.1	10.	02/11/05	021105W11	1	
Total suspended solids	<5.0	U	mg/L	EPA 160.2	5.0	02/11/05	021105W12	1	

Notes:

B - Analyte detected above the PQL in the associated Prep Blank  
U - Undetected at the reported level.  
J - Reported value is estimated. D- Result is diluted.  
E - Concentration exceeded the calibration range and is estimated.

Authorized: Monika Santucci  
Date: February 24, 2005 Monika Santucci

Client: <u>OGINA</u>						Analysis/Method										
Project: <u>Former Accurate Die Cast</u>						<i>TSS/TDS</i>									9900	
Sampled by: <u>Richard McLaughlin</u>																
Client Contact: <u>Al Farrell</u> Phone # <u>2316</u>																
<b>Sample Description</b>																
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers										Comments	
<u>WTP Effluent</u>	<u>2/10/05</u>	<u>10:00</u>	<u>Water</u>	<u>Comp</u>	<u>1</u>	<u>1</u>										
Relinquished by: <u>Al Farrell</u> Date: <u>2/10/05</u> Time: <u>11:22</u>						Received by:		Date:	Time:							
Relinquished by:						Received by:		Date:	Time:							
Relinquished by:						Received by Lab: <u>Al Farrell</u>		Date: <u>2/10/05</u>	Time: <u>11:27</u>							
Shipment Method: <u>Hand</u>						Airbill Number:										

Turnaround Time Required:  Routine  Rush (Specify) \_\_\_\_\_

Comments:

Cooler Temperature: 5°C unfiltered



# O'Brien & Gere Laboratories, Inc.

# Analytical Results Method: 8260

Client: O'Brien & Gere Inc. of North America  
 Project: Former Accurate Die - Fayetteville, NY  
 Proj. Desc:  
 Package#: 9944  
 Sample: F3087  
 Sample Description: WTP EFFLUENT-GRAB  
 Instrument: HP5973 GCMS#3  
 Units: ug/L  
 Number of analytes: 7

Job No.: 3027.001.11102  
 Certification NY No.: 10155

Collected: 02/16/05 Matrix: Water  
 Received: 02/17/05 QC Batch: 022405W3  
 Prepared: 02/24/05 %Solids:  
 Sample Size: 10 mL  
 Dilution: 1

Parameter	Result	Qual	PQL	Analyzed Notes
Methylene chloride	<2.0	U	2.0	02/24/05
trans-1,2-Dichloroethene	<.50	U	.50	02/24/05
cis-1,2-Dichloroethene	<.50	U	.50	02/24/05
Trichloroethene	<.50	U	.50	02/24/05
Toluene	<.50	U	.50	02/24/05
Tetrachloroethene	<.50	U	.50	02/24/05
1,1,2,2-Tetrachloroethane	<.50	U	.50	02/24/05

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	97		78-120
1,2-Dichloroethane-d4 (surrogate)	102		71-126
Toluene-d8 (surrogate)	96		80-120
Bromofluorobenzene (surrogate)	89		78-120

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.  
 # - Outside control limits U - Undetected at the reported level.  
 J - reported value is estimated. D - Result is diluted.  
 E - concentration exceeded the calibration range and is estimated.

Authorized: Monika Santucci  
 Date: February 25, 2005 Monika Santucci

**O'Brien & Gere  
Laboratories, Inc.**

**Analytical Results  
Wet Chemistry**

Client: O'Brien & Gere Inc. of North America  
Project: Former Accurate Die - Fayetteville, NY  
Proj. Desc:  
Package#: 9944  
Sample: F3086  
Samp. Description: WTP EFFLUENT-COMP

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 02/16/05  
Received: 02/17/05 11:05  
Matrix: Water  
Number of Analytes: 2

Parameter	Result	Q	Units	Method	PQL	Analyzed	QC Batch	Dil	Note
Total dissolved solids	610.		mg/L	EPA 160.1	10.	02/22/05	022205W12	1	
Total suspended solids	<5.0	U	mg/L	EPA 160.2	5.0	02/23/05	022305W4	1	

Notes:

B - Analyte detected above the PQL in the associated Prep Blank  
U - Undetected at the reported level.  
J - Reported value is estimated. D- Result is diluted.  
E - Concentration exceeded the calibration range and is estimated.

Authorized: Monika Santucci  
Date: March 1, 2005      Monika Santucci

Client: <i>OGIWA</i>						Analysis/Method						
Project: <i>Former Accurate Die Cast</i>						<i>TSS/TDS</i> <i>VOC'S 8260</i>						<i>9944</i>
Sampled by: <i>Richard McLaughlin</i>												
Client Contact: <i>Al Farrell</i> Phone # <i>2316</i>												
Sample Description												
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers							Comments
<i>WTP Effluent</i>	<i>2/16/05</i>	<i>10:30</i>	<i>Water</i>	<i>Comp</i>	<i>1</i>	<i>1</i>						
<i>WTP Effluent</i>	<i>2/16/05</i>	<i>10:30</i>	<i>Water</i>	<i>Grab</i>	<i>3</i>		<i>3</i>					
Relinquished by: <i>Richard McLaughlin</i> Date: <i>2/16/05</i> Time: <i>11:05</i>						Received by: _____ Date: _____ Time: _____						
Relinquished by: _____ Date: _____ Time: _____						Received by: _____ Date: _____ Time: _____						
Relinquished by: _____ Date: _____ Time: _____						Received by Lab: <i>[Signature]</i> Date: <i>2/17/05</i> Time: <i>11:05</i>						
Shipment Method: <i>HAND</i>						Airbill Number: _____						

Turnaround Time Required:  Routine  Rush (Specify) \_\_\_\_\_

Comments:

Cooler Temperature: *8°c welliced*

# O'Brien & Gere Laboratories, Inc.

# Analytical Results Wet Chemistry

Client: O'Brien & Gere Inc. of North America  
Project: Former Accurate Die - Fayetteville, NY  
Proj. Desc:  
Package#: 9964  
Sample: F3187  
Samp. Description: WTP EFFLUENT

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 02/24/05  
Received: 02/24/05 10:50  
Matrix: Water  
Number of Analytes: 2

Parameter	Result	Q	Units	Method	PQL	Analyzed	QC Batch	Dil	Note
Total dissolved solids	530.		mg/L	EPA 160.1	10.	02/28/05	022805W12	1	
Total suspended solids	<5.0	U	mg/L	EPA 160.2	5.0	02/25/05	022505W16	1	

Notes:

B - Analyte detected above the PQL in the associated Prep Blank  
U - Undetected at the reported level.  
J - Reported value is estimated. D- Result is diluted.  
E - Concentration exceeded the calibration range and is estimated.

Authorized: Monika Santucci  
Date: March 6, 2005      Monika Santucci

# O'Brien & Gere Laboratories, Inc.

## Analytical Results Method: 8260

Client: O'Brien & Gere Inc. of North America  
Project: Former Accurate Die - Fayetteville, NY  
Proj. Desc:  
Package#: 7  
Sample: F3468  
Sample Description: WTP EFFLUENT-GRAB  
Instrument: HP5973 GC/MS#1  
Units: ug/L  
Number of analytes: 7

Job No.: 3027.001.11102  
Certification NY No.: 10155


Collected: 03/04/05 Matrix: Water  
Received: 03/04/05 QC Batch: 030705W1  
Prepared: 03/07/05 %Solids:  
Sample Size: 10 mL  
Dilution: 1

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>PQL</u>	<u>Analyzed Notes</u>
Methylene chloride	<2.0	U	2.0	03/07/05
trans-1,2-Dichloroethene	<.50	U	.50	03/07/05
cis-1,2-Dichloroethene	<.50	U	.50	03/07/05
Trichloroethene	<.50	U	.50	03/07/05
Toluene	<.50	U	.50	03/07/05
Tetrachloroethene	<.50	U	.50	03/07/05
1,1,2,2-Tetrachloroethane	<.50	U	.50	03/07/05

<u>Surrogate</u>	<u>%R</u>	<u>Qual</u>	<u>%R Limits</u>
Dibromofluoromethane (surrogate)	94		78-120
1,2-Dichloroethane-d4 (surrogate)	88		71-126
Toluene-d8 (surrogate)	97		80-120
Bromofluorobenzene (surrogate)	89		78-120

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.  
# - Outside control limits U - Undetected at the reported level.  
J - reported value is estimated. D - Result is diluted.  
E - concentration exceeded the calibration range and is estimated.

Authorized:   
Date: March 8, 2005

Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

**O'Brien & Gere  
Laboratories, Inc.**

**Analytical Results  
Method: 8260**

Client: O'Brien & Gere Inc. of North America  
 Project: Former Accurate Die - Fayetteville, NY  
 Proj. Desc:  
 Package#: 7  
 Sample: F3469  
 Sample Description: WTP BETWEEN  
 Instrument: HP5973 GC/MS#1  
 Units: ug/L  
 Number of analytes: 7

Job No.: 3027.001.11102  
 Certification NY No.: 10155


Collected: 03/04/05 Matrix: Water  
 Received: 03/04/05 QC Batch: 030705W1  
 Prepared: 03/07/05 %Solids:  
 Sample Size: 10 mL  
 Dilution: 1

Parameter	Result	Qual	PQL	Analyzed Notes
Methylene chloride	<2.0	U	2.0	03/07/05
trans-1,2-Dichloroethene	<.50	U	.50	03/07/05
cis-1,2-Dichloroethene	<.50	U	.50	03/07/05
Trichloroethene	<.50	U	.50	03/07/05
Toluene	<.50	U	.50	03/07/05
Tetrachloroethene	<.50	U	.50	03/07/05
1,1,2,2-Tetrachloroethane	<.50	U	.50	03/07/05

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	92		78-120
1,2-Dichloroethane-d4 (surrogate)	87		71-126
Toluene-d8 (surrogate)	95		80-120
Bromofluorobenzene (surrogate)	87		78-120

Notes:

B - Analyte detected above the PQL in the associated Prep Blank.  
 # - Outside control limits U - Undetected at the reported level.  
 J - reported value is estimated. D - Result is diluted.  
 E - concentration exceeded the calibration range and is estimated.

Authorized:   
 Date: March 8, 2005 Monika Santucci

# O'Brien & Gere Laboratories, Inc.

# Analytical Results Wet Chemistry

Client: O'Brien & Gere Inc. of North America  
Project: Former Accurate Die - Fayetteville, NY  
Proj. Desc:  
Package#: 7  
Sample: F3467  
Samp. Description: WTP EFFLUENT-COMP

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 03/04/05  
Received: 03/04/05 10:35  
Matrix: Water  
Number of Analytes: 2

Parameter	Result	Q	Units	Method	PQL	Analyzed	QC Batch	Dil	Note
Total dissolved solids	420.		mg/L	EPA 160.1	10.	03/10/05	031005W18	1	
Total suspended solids	<5.0	U	mg/L	EPA 160.2	5.0	03/09/05	030905W17	1	

Notes:

B - Analyte detected above the PQL in the associated Prep Blank  
U - Undetected at the reported level.  
J - Reported value is estimated. D- Result is diluted.  
E - Concentration exceeded the calibration range and is estimated.

Authorized: Monika Santucci  
Date: March 12, 2005      Monika Santucci

Client: <i>OG/IVA</i>						Analysis/Method									
Project: <i>Former Accurate Die Cast</i>						<i>TSS/TPS</i>	<i>VOC's 8260</i>	<i>VOC's 8021</i>						<i>7</i>	
Sampled by: <i>Richard M. Laughlin</i>															
Client Contact: <i>Al Furrrell</i> Phone # <i>2316</i>															
Sample Description															
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers										Comments
<i>WTP Effluent</i>	<i>3/4/05</i>	<i>10:00</i>	<i>WATER</i>	<i>Grab</i>	<i>1</i>	<i>1</i>									
<i>WTP Effluent</i>	<i>3/4/05</i>	<i>10:00</i>	<i>WATER</i>	<i>Grab</i>	<i>3</i>		<i>3</i>								
<i>WTP Between</i>	<i>3/4/05</i>	<i>10:00</i>	<i>WATER</i>	<i>Grab</i>	<i>3</i>			<i>3</i>							
Relinquished by: <i>Richard M. Laughlin</i> Date: <i>3/4/05</i> Time: <i>10:35</i>						Received by: _____ Date: _____ Time: _____									
Relinquished by: _____ Date: _____ Time: _____						Received by: _____ Date: _____ Time: _____									
Relinquished by: _____ Date: _____ Time: _____						Received by Lab: <i>SMACK</i> Date: <i>3/4/05</i> Time: <i>1035</i>									
Shipment Method: <i>Hand</i>						Airbill Number: _____									

Turnaround Time Required:  Routine \_\_\_\_\_  
 Rush (Specify) \_\_\_\_\_

Comments:

Cooler Temperature: *6°C iced*





**O'Brien & Gere Laboratories, Inc.**

5000 Brittonfield Parkway  
East Syracuse, NY 13057

(315) 437-6100

Friday, March 25, 2005

Al Farrell  
O'Brien & Gere Engineers, Inc.  
5000 Brittonfield Parkway  
PO Box 4873  
Syracuse, NY 13221

TEL: 315-437-6100

RE: Analytical Results

Order No.: 0503029

Dear Al Farrell:

O'Brien & Gere Laboratories, Inc. received 1 sample(s) on 3/10/05 for the analyses presented in the following report.

Very truly yours,  
O'BRIEN & GERE LABORATORIES, INC.

Monika Santucci  
Project Supervisor



# O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

# Analytical Results

StateCertNo: 10155

<b>CLIENT:</b>	O'Brien & Gere Engineers, Inc.	<b>Lab ID:</b>	0503029-001A
<b>Project:</b>	Former Accurate Die Cast	<b>Client Sample ID:</b>	WTP Effluent-COMP
<b>Work Order:</b>	0503029	<b>Collection Date:</b>	3/10/2005
<b>Matrix:</b>	WATER	<b>Date Received:</b>	3/10/2005
<b>InstrumentID:</b>	Mettler balance	<b>Sample Size:</b>	NA
<b>ColumnID:</b>		<b>%Moisture:</b>	
<b>Revision:</b>	3/17/2005 7:42:15 AM	<b>TestCode:</b>	TDS160.1
		<b>PrepDate:</b>	
		<b>BatchNo:</b>	R253
		<b>FileID:</b>	

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
<b>TOTAL DISSOLVED SOLIDS</b>			<b>EPA 160.1</b>			
Total Dissolved Solids (Residue, Filterable)	610	10		mg/L	1	3/15/2005

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level	B Analyte detected in the associated Method Blank
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	ND Not Detected at the Reporting Limit
	S Spike Recovery outside accepted recovery limits	



# O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

## Analytical Results

StateCertNo: 10155

<b>CLIENT:</b>	O'Brien & Gere Engineers, Inc.	<b>Lab ID:</b>	0503029-001A
<b>Project:</b>	Former Accurate Die Cast	<b>Client Sample ID:</b>	WTP Effluent-COMP
<b>Work Order:</b>	0503029	<b>Collection Date:</b>	3/10/2005
<b>Matrix:</b>	WATER	<b>Date Received:</b>	3/10/2005
<b>InstrumentID:</b>	Mettler balance	<b>Sample Size:</b>	NA
<b>ColumnID:</b>		<b>%Moisture:</b>	
<b>Revision:</b>	3/17/2005 7:12:40 AM	<b>TestCode:</b>	TSS160.2
		<b>PrepDate:</b>	
		<b>BatchNo:</b>	R252
		<b>FileID:</b>	

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
<b>RESIDUE, SUSPENDED (TSS)</b>			<b>EPA 160.2</b>			
Residue, Suspended (TSS)	ND		5.0	mg/L	1	3/15/2005

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level	B Analyte detected in the associated Method Blank
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	ND Not Detected at the Reporting Limit
	S Spike Recovery outside accepted recovery limits	

Client: <i>OGWA</i>						Analysis/Method											
Project: <i>Former Accurate Die Cast</i>						<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-size: 2em; font-weight: bold;">TSS/TPS</div> <div style="font-size: 3em; font-weight: bold;">029</div> </div>											
Sampled by: <i>Martin Koenecke</i>																	
Client Contact: <i>Al Farrell</i> Phone # <i>2316</i>																	
Sample Description																	
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	Comments											
<i>WTP Redhead</i>	<i>3/10/05</i>	<i>11:00</i>	<i>Water Comp</i>		<i>1</i>												
Relinquished by: <i>Martin Koenecke</i>			Date: <i>3-10-05</i> Time: <i>13:05</i>			Received by:			Date:			Time:					
Relinquished by:			Date:			Time:			Received by:			Date:			Time:		
Relinquished by:			Date:			Time:			Received by Lab: <i>J Mack</i>			Date: <i>3/10/05</i>			Time: <i>1305</i>		
Shipment Method: <i>Hand</i>						Airbill Number:											

Turnaround Time Required:  Routine  
 Rush (Specify) \_\_\_\_\_  
 Cooler Temperature: *6°C iced*

Comments:



**O'Brien & Gere Laboratories, Inc.**

5000 Brittonfield Parkway  
East Syracuse, NY 13057

(315) 437-6100

Thursday, March 24, 2005

Al Farrell  
O'Brien & Gere Engineers, Inc.  
5000 Brittonfield Parkway  
PO Box 4873  
Syracuse, NY 13221

TEL: 315-437-6100

RE: Analytical Results

Order No.: 0503050

Dear Al Farrell:

O'Brien & Gere Laboratories, Inc. received 2 sample(s) on 3/17/2005 for the analyses presented in the following report.

Very truly yours,  
O'BRIEN & GERE LABORATORIES, INC.

Monika Santucci  
Project Supervisor



# O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

# Analytical Results

StateCertNo: 10155

**CLIENT:** O'Brien & Gere Inc. of North America  
**Project:** Former Accurate Die Cast  
**Work Order:** 0503050  
**Matrix:** WATER  
**InstrumentID:** MS01 11      **Sample Size:** 10 mL  
**ColumnID:** Rtx-VMS      **%Moisture:**  
**Revision:** 3/24/05 11:56:20 AM      **TestCode:** 8260W

**Lab ID:** 0503050-002A  
**Client Sample ID:** WTP Effluent-Grab  
**Collection Date:** 3/17/05  
**Date Received:** 3/17/05  
**PrepDate:**  
**BatchNo:** R356  
**FileID:** T7371.D

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
<b>VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>						
<b>SW8260B</b>						
1,1,2,2-Tetrachloroethane	ND		0.50	µg/L	1	3/23/05 6:11:00 PM
cis-1,2-Dichloroethene	ND		0.50	µg/L	1	3/23/05 6:11:00 PM
Methylene chloride	ND		2.0	µg/L	1	3/23/05 6:11:00 PM
Tetrachloroethene	ND		0.50	µg/L	1	3/23/05 6:11:00 PM
Toluene	ND		0.50	µg/L	1	3/23/05 6:11:00 PM
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	3/23/05 6:11:00 PM
Trichloroethene	ND		0.50	µg/L	1	3/23/05 6:11:00 PM
Surr: 1,2-Dichloroethane-d4	90.6		75-134	%REC	1	3/23/05 6:11:00 PM
Surr: 4-Bromofluorobenzene	87.5		75-125	%REC	1	3/23/05 6:11:00 PM
Surr: Dibromofluoromethane	94.4		75-127	%REC	1	3/23/05 6:11:00 PM
Surr: Toluene-d8	95.6		75-125	%REC	1	3/23/05 6:11:00 PM

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit



# O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

# Analytical Results

StateCertNo: 10155

<b>CLIENT:</b>	O'Brien & Gere Engineers, Inc.	<b>Lab ID:</b>	0503050-001A
<b>Project:</b>	Former Accurate Die Cast	<b>Client Sample ID:</b>	WTP Effluent-COMP
<b>Work Order:</b>	0503050	<b>Collection Date:</b>	3/17/2005
<b>Matrix:</b>	WATER	<b>Date Received:</b>	3/17/2005
<b>Inst. ID:</b>	Mettler balance	<b>Sample Size:</b>	NA
<b>ColumnID:</b>		<b>%Moisture:</b>	
<b>Revision:</b>	3/22/2005 9:18:44 AM	<b>TestCode:</b>	TDS160.1
		<b>PrepDate:</b>	
		<b>BatchNo:</b>	R312
		<b>FileID:</b>	

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
<b>TOTAL DISSOLVED SOLIDS</b>			<b>EPA 160.1</b>			
Total Dissolved Solids (Residue, Filterable)	600		10	mg/L	1	3/21/2005

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level	B Analyte detected in the associated Method Blank
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	ND Not Detected at the Reporting Limit
	S Spike Recovery outside accepted recovery limits	



# O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

# Analytical Results

StateCertNo: 10155

<b>CLIENT:</b>	O'Brien & Gere Engineers, Inc.		<b>Lab ID:</b>	0503050-001A
<b>Project:</b>	Former Accurate Die Cast		<b>Client Sample ID:</b>	WTP Effluent-COMP
<b>Work Order:</b>	0503050		<b>Collection Date:</b>	3/17/2005
<b>Matrix:</b>	WATER		<b>Date Received:</b>	3/17/2005
<b>Inst. ID:</b>	Mettler balance	<b>Sample Size:</b>	NA	<b>PrepDate:</b>
<b>ColumnID:</b>		<b>%Moisture:</b>		<b>BatchNo:</b>
<b>Revision:</b>	3/21/2005 10:06:30 A	<b>TestCode:</b>	TSS160.2	<b>FileID:</b>

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
<b>RESIDUE, SUSPENDED (TSS)</b>			<b>EPA 160.2</b>			
Residue, Suspended (TSS)	ND		5.0	mg/L	1	3/18/2005

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level	B Analyte detected in the associated Method Blank
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	ND Not Detected at the Reporting Limit
	S Spike Recovery outside accepted recovery limits	



Client: <u>OGINA</u>						Analysis/Method								
Project: <u>Former Accurate Die Cast</u>						TSS/TDS VOC's 8260								050
Sampled by: <u>Richard McLaughlin</u>														
Client Contact: <u>Al Farrell</u> Phone # <u>2316</u>														
Sample Description														
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers									
<u>WTP Effluent</u>	<u>3/17/05</u>	<u>10:05</u>	<u>Water</u>	<u>Comp</u>	<u>1</u>									
<u>WTP Effluent</u>	<u>3/17/05</u>	<u>10:00</u>	<u>Water</u>	<u>Grab</u>	<u>3</u>									
Relinquished by: <u>Richard McLaughlin</u> Date: <u>3/17/05</u> Time: <u>10:05</u>						Received by: <u>Mark J. Koehnke</u> Date: <u>3-17-05</u> Time: <u>10:05</u>								
Relinquished by: <u>Mr. Mark J. Koehnke</u> Date: <u>3-17-05</u> Time: <u>10:30</u>						Received by: _____ Date: _____ Time: _____								
Relinquished by: _____ Date: _____ Time: _____						Received by Lab: <u>Neil P. [Signature]</u> Date: <u>3/17/05</u> Time: <u>10:30</u>								
Shipment Method: <u>HAND</u>						Airbill Number: _____								

Turnaround Time Required:  Routine \_\_\_\_\_  
 Rush (Specify) \_\_\_\_\_  
 Cooler Temperature: 4°C Iced

Comments: \_\_\_\_\_  
 Original - Laboratory  
 Copy - Client



**O'Brien & Gere Laboratories, Inc.**

5000 Brittonfield Parkway  
East Syracuse, NY 13057

(315) 437-6100

Tuesday, April 12, 2005

Al Farrell  
O'Brien & Gere Engineers, Inc.  
5000 Brittonfield Parkway  
PO Box 4873  
Syracuse, NY 13221

TEL: 315-437-6100

RE: Analytical Results

Order No.: 0503084

Dear Al Farrell:

O'Brien & Gere Laboratories, Inc. received 1 sample(s) on 3/24/2005 for the analyses presented in the following report.

Very truly yours,  
O'BRIEN & GERE LABORATORIES, INC.

Monika Santucci  
Project Supervisor



# O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

# Analytical Results

StateCertNo: 10155

<b>CLIENT:</b>	O'Brien & Gere Engineers, Inc.		<b>Lab ID:</b>	0503084-001A
<b>Project:</b>	Former Accurate Die Cast		<b>Client Sample ID:</b>	WTP Effluent-COMP
<b>W Order:</b>	0503084		<b>Collection Date:</b>	3/24/2005
<b>Matrix:</b>	WATER		<b>Date Received:</b>	3/24/2005
<b>Inst. ID:</b>	Mettler balance	<b>Sample Size:</b> NA	<b>PrepDate:</b>	
<b>ColumnID:</b>		<b>%Moisture:</b>	<b>BatchNo:</b>	R389
<b>Revision:</b>	3/29/2005 9:04:26 AM	<b>TestCode:</b> TDS160.1	<b>FileID:</b>	

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
<b>TOTAL DISSOLVED SOLIDS</b>			<b>EPA 160.1</b>			
Total Dissolved Solids (Residue, Filterable)	600		10	mg/L	1	3/25/2005

<b>Qualifiers:</b>	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	S Spike Recovery outside accepted recovery limits



# O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

# Analytical Results

StateCertNo: 10155

<b>CLIENT:</b>	O'Brien & Gere Engineers, Inc.		<b>Lab ID:</b>	0503084-001A
<b>Project:</b>	Former Accurate Die Cast		<b>Client Sample ID:</b>	WTP Effluent-COMP
<b>W Order:</b>	0503084		<b>Collection Date:</b>	3/24/2005
<b>Matrix:</b>	WATER		<b>Date Received:</b>	3/24/2005
<b>Inst. ID:</b>	Mettler balance	<b>Sample Size:</b> NA	<b>PrepDate:</b>	
<b>ColumnID:</b>		<b>%Moisture:</b>	<b>BatchNo:</b>	R375
<b>Revision:</b>	3/28/2005 8:15:22 AM	<b>TestCode:</b> TSS160.2	<b>FileID:</b>	

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
<b>RESIDUE, SUSPENDED (TSS)</b>			<b>EPA 160.2</b>			
Residue, Suspended (TSS)	ND		5.0	mg/L	1	3/25/2005

<b>Qualifiers:</b>	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	S Spike Recovery outside accepted recovery limits

Client: <i>OGINA</i>						Analysis/Method						
Project: <i>Former Accurate Die Cast</i>						<i>TSS/TDS</i>						
Sampled by: <i>Richard McLaughlin</i>												
Client Contact: <i>Al Farrell</i> Phone # <i>2316</i>												
<b>Sample Description</b>												
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers							Comments
<i>WTP Effluent</i>	<i>3/24/05</i>	<i>10:00</i>	<i>Water</i>	<i>Comp</i>	<i>1</i>	<i>1</i>						
Relinquished by: <i>Richard McLaughlin</i> Date: <i>3/24/05</i> Time: <i>10:45</i>						Received by: <i>Mark &amp; Koenig</i> Date: <i>3-24-05</i> Time: <i>10:45</i>						
Relinquished by: <i>Mark &amp; Koenig</i> Date: <i>3-24-05</i> Time: <i>13:10</i>						Received by: _____ Date: _____ Time: _____						
Relinquished by: _____ Date: _____ Time: _____						Received by Lab: <i>[Signature]</i> Date: <i>3/24/05</i> Time: <i>13:10</i>						
Shipment Method: <i>HAND</i>						Airbill Number: _____						

Turnaround Time Required:  Routine  Rush (Specify) \_\_\_\_\_  
 Cooler Temperature: *6°C iced*

Comments:



**O'Brien & Gere Laboratories, Inc.**

5000 Brittonfield Parkway  
East Syracuse, NY 13057

(315) 437-6100

Thursday, April 14, 2005

Al Farrell  
O'Brien & Gere Engineers, Inc.  
5000 Brittonfield Parkway  
PO Box 4873  
Syracuse, NY 13221

TEL: 315-437-6100

RE: Analytical Results

Order No.: 0503128

Dear Al Farrell:

O'Brien & Gere Laboratories, Inc. received 1 sample(s) on 3/31/2005 for the analyses presented in the following report.

Very truly yours,  
O'BRIEN & GERE LABORATORIES, INC.

Monika Santucci  
Project Supervisor



**O'Brien & Gere Laboratories, Inc.**

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

**Analytical Results**

StateCertNo: 10155

**CLIENT:** O'Brien & Gere Engineers, Inc.

**Project:** Former Accurate Die Cast

**W Order:** 0503128

**Matrix:** WATER

**Lab ID:** 0503128-001A

**Client Sample ID:** WTP Effluent

**Collection Date:** 3/31/2005

**Date Received:** 3/31/2005

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
<b>TOTAL DISSOLVED SOLIDS</b>			<b>EPA 160.1</b>		
Total Dissolved Solids (Residue, Filterable)	600		10 mg/L	1	4/1/2005 2:00:00 PM
<b>RESIDUE, SUSPENDED (TSS)</b>			<b>EPA 160.2</b>		
Residue, Suspended (TSS)	ND		5.0 mg/L	1	4/1/2005

**Qualifiers:** B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit

E Value above quantitation range  
J Analyte detected below quantitation limits  
S Spike Recovery outside accepted recovery limits

Client: <i>OGINA</i>						Analysis/Method								
Project: <i>Former Accurate Die Cast</i>						<i>TSS/TDS</i>							<i>128</i>	
Sampled by: <i>Richard McLaughlin</i>														
Client Contact: <i>Al Farrell</i> Phone # <i>2316</i>														
<b>Sample Description</b>														
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers									Comments
<i>WTP Effluent</i>	<i>3/31/05</i>	<i>10:00</i>	<i>WATER</i>	<i>Comp</i>	<i>1</i>	<i>1</i>								
Relinquished by: <i>Richard McLaughlin</i>		Date: <i>3/31/05</i> Time: <i>10:50</i>		Received by:				Date:		Time:				
Relinquished by:		Date:		Time:		Received by:				Date:		Time:		
Relinquished by:		Date:		Time:		Received by Lab: <i>Amack</i>				Date: <i>3/31/05</i> Time: <i>10:50</i>				
Shipment Method: <i>Hand</i>						Airbill Number:								

Turnaround Time Required:  
 Routine   
 Rush (Specify) \_\_\_\_\_  
 Cooler Temperature: *6°C Ice*

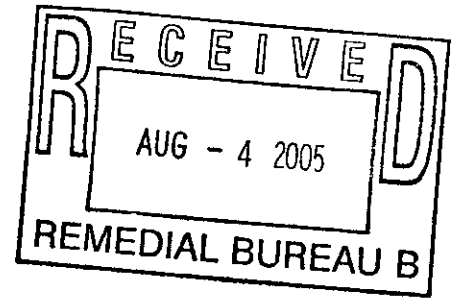
Comments:





**O'BRIEN & GERE**

August 1, 2005



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

Re: Former Accurate Die Casting Site  
Fayetteville, NY

File: 2488/25463 #2

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 second quarter of 2005 (April 1 through June 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:**

1. As of June 30, 2005, a total of 63,249,020 gallons of groundwater has been treated since startup on February 5, 1996. Since March 31, 2005, 1,106,580 gallons of groundwater have been treated; 306,300 gallons from recovery well RW-1, 799,520 gallons from recovery well RW-2, 580 gallons from the sump located outside the northeast corner of the building, and 180 gallons from the groundwater collection trench constructed in the former VOC/PAH/PCB Soils Area.
2. 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 in April, May, and June 2005 are summarized in Table 1. The laboratory analytical data sheets are provided as Attachment A.
3. O'Brien & Gere conducted the semi-annual groundwater monitoring well sampling on April 7 and 8. The sampling was conducted using passive diffusion bags. During the sampling event, groundwater levels were measured in each of the monitoring wells (Table 2). Also, a sample was collected from the following monitoring wells: MW-10B, MW-11B, MW-13, MW-18, and MW-24. The results of the analyses and historic water quality information are summarized in Tables 3 and 4. The laboratory analytical data sheets are provided as Attachment B.

**Activities Scheduled:**

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

Mr. John C. Grathwol, P.E.  
August 1, 2005  
Page 2

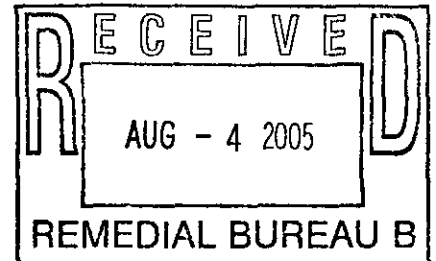
If you have any questions regarding this report, please do not hesitate to call me at (315) 437-6100.

Very truly yours,

O'BRIEN & GERE ENGINEERS, INC.



Alfred R. Farrell, P.E.  
Project Associate



I:\DIV71\PROJECTS\2488\25463\2\_CORRES\2nd\_qtr2005report.doc

Attachments

cc: James Burke – NYSDEC Region 7  
H. Hamel – NYSDOH  
T. Slutzky – The Anderson Company  
J. Sutphen – O'Brien & Gere, Office of General Counsel  
G. Swenson – O'Brien & Gere Engineers, Inc.  
W. Monette – O'Brien & Gere Engineers, Inc.  
D. Carnevale – O'Brien & Gere Engineers, Inc.



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

Analyte (units)	Monitoring Requirements				Effluent 4/4/2005	Effluent 4/5/2005	Effluent 4/6/2005	Effluent 4/7/2005
	Discharge Limitation	Discharge Limitation	Minimum Measurement	Sample Type				
	Daily Average	Daily Maximum	Frequency (1)					
Flow (GPD)	Monitor	150000	Continuous	Meter	12,257	12,730	12,660	12,770
pH (SU)	6.5-8.5		2/Week	Grab	7.17	7.19	7.19	7.19
Residue, non-filterable (mg/L)	Monitor	20	Weekly	3-hr comp.	---	---	---	< 5.0
Total dissolved solids (TDS) (mg/L)	Monitor	Monitor	Weekly	3-hr comp.	---	---	---	560
Mercury, total (mg/L)	Monitor	0.0008	Quarterly	3-hr comp.	---	---	---	< 0.00020
Zinc, total (mg/L)	Monitor	0.3	Quarterly	3-hr comp.	---	---	---	0.030
cis-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab	---	---	---	< 0.50
trans-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab	---	---	---	< 0.50
Methylene chloride (ug/L)	Monitor	20	2/Month	Grab	---	---	---	< 2.0
1,1,2,2-Tetrachloroethane (ug/L)	Monitor	10	2/Month	Grab	---	---	---	< 0.50
Tetrachloroethene (ug/L)	Monitor	10	2/Month	Grab	---	---	---	< 0.50
Toluene (ug/L)	Monitor	20	2/Month	Grab	---	---	---	< 0.50
Trichloroethene (ug/L)	Monitor	10	2/Month	Grab	---	---	---	< 0.50

NOTES:  
 --- - Not analyzed, NA - Data Not available  
 U - Not Detected, J - Estimated

(1) Minimum monitoring requirements based on the SPDES permit modified November 21, 1997.



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

Analyte (units)	Effluent 4/8/2005	Effluent 4/11/2005	Effluent 4/12/2005	Effluent 4/13/2005	Effluent 4/14/2005	Effluent 4/15/2005	Effluent 4/18/2005	Effluent 4/19/2005	Effluent 4/20/2005
Flow (GPD)	12,700	12,783	12,770	12,820	12,860	12,810	12,777	12,680	12,840
pH (SU)	7.19	7.17	7.17	7.17	7.19	7.19	7.19	7.19	7.17
Residue, non-filterable (mg/L)	---	---	---	---	< 5.0	---	---	---	---
Total dissolved solids (TDS) (mg/L)	---	---	---	---	560	---	---	---	---
Mercury, total (mg/L)	---	---	---	---	---	---	---	---	---
Zinc, total (mg/L)	---	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethene (ug/L)	---	---	---	---	---	---	---	---	---
trans-1,2-Dichloroethene (ug/L)	---	---	---	---	---	---	---	---	---
Methylene chloride (ug/L)	---	---	---	---	---	---	---	---	---
1,1,2,2-Tetrachloroethane (ug/L)	---	---	---	---	---	---	---	---	---
Tetrachloroethene (ug/L)	---	---	---	---	---	---	---	---	---
Toluene (ug/L)	---	---	---	---	---	---	---	---	---
Trichloroethene (ug/L)	---	---	---	---	---	---	---	---	---

NOTES:  
 --- - Not analyzed, NA - Data Not available  
 U - Not Detected, J - Estimated

(1) Minimum monitoring requirements based on the SPDES permit modified November 21, 1997.



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

Analyte (units)	Effluent 4/21/2005	Effluent 4/22/2005	Effluent 4/25/2005	Effluent 4/26/2005	Effluent 4/27/2005	Effluent 4/28/2005	Effluent 4/29/2005	Effluent 5/2/2005	Effluent 5/3/2005
Flow (GPD)	12,440	12,690	12,923	12,960	12,560	12,810	12,730	12,620	12,257
pH (SU)	7.19	7.19	7.19	7.19	7.19	7.19	7.19	7.17	7.17
Residue, non-filterable (mg/L)	<5.0	---	---	---	---	< 5.0	---	---	---
Total dissolved solids (TDS) (mg/L)	550	---	---	---	---	580	---	---	---
Mercury, total (mg/L)	---	---	---	---	---	---	---	---	---
Zinc, total (mg/L)	---	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethene (ug/L)	< 0.50	---	---	---	---	---	---	---	---
trans-1,2-Dichloroethene (ug/L)	< 0.50	---	---	---	---	---	---	---	---
Methylene chloride (ug/L)	< 2.0	---	---	---	---	---	---	---	---
1,1,2,2-Tetrachloroethane (ug/L)	< 0.50	---	---	---	---	---	---	---	---
Tetrachloroethene (ug/L)	< 0.50	---	---	---	---	---	---	---	---
Toluene (ug/L)	< 0.50	---	---	---	---	---	---	---	---
Trichloroethene (ug/L)	< 0.50	---	---	---	---	---	---	---	---

NOTES:  
 --- - Not analyzed, NA - Data Not available  
 U - Not Detected, J - Estimated  
 (I) Minimum monitoring requirements based on the SPDES permit modified November 21, 1997.



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

Analyte (units)	Effluent 5/4/2005	Effluent 5/5/2005	Effluent 5/6/2005	Effluent 5/9/2005	Effluent 5/10/2005	Effluent 5/11/2005	Effluent 5/12/2005	Effluent 5/13/2005	Effluent 5/16/2005
Flow (GPD)	12,730	12,660	12,770	12,700	12,783	12,770	12,820	12,860	12,810
pH (SU)	7.19	7.19	7.19	7.19	7.17	7.17	7.17	7.19	7.19
Residue, non-filterable (mg/L)	---	< 5.0	---	---	---	---	---	< 5.0	---
Total dissolved solids (TDS) (mg/L)	---	580	---	---	---	---	---	540	---
Mercury, total (mg/L)	---	---	---	---	---	---	---	---	---
Zinc, total (mg/L)	---	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethene (ug/L)	---	< 0.50	---	---	---	---	---	---	---
trans-1,2-Dichloroethene (ug/L)	---	< 0.50	---	---	---	---	---	---	---
Methylene chloride (ug/L)	---	< 2.0	---	---	---	---	---	---	---
1,1,2,2-Tetrachloroethane (ug/L)	---	< 0.50	---	---	---	---	---	---	---
Tetrachloroethene (ug/L)	---	< 0.50	---	---	---	---	---	---	---
Toluene (ug/L)	---	< 0.50	---	---	---	---	---	---	---
Trichloroethene (ug/L)	---	< 0.50	---	---	---	---	---	---	---

NOTES:  
 --- - Not analyzed, NA - Data Not available  
 U - Not Detected, J - Estimated

(1) Minimum monitoring requirements based on the SPDES permit modified November 21, 1997.



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

Analyte (units)	Effluent 5/17/2005	Effluent 5/18/2005	Effluent 5/19/2005	Effluent 5/20/2005	Effluent 5/23/2005	Effluent 5/24/2005	Effluent 5/25/2005	Effluent 5/26/2005	Effluent 5/31/2005
Flow (GPD)	12,777	12,680	12,840	12,440	12,690	12,923	12,960	12,560	12,810
pH (SU)	7.19	7.19	7.17	7.19	7.19	7.19	7.19	7.19	7.19
Residue, non-filterable (mg/L)	---	---	< 5.0	---	---	---	< 5.0	---	---
Total dissolved solids (TDS) (mg/L)	---	---	560	---	---	---	590	---	---
Mercury, total (mg/L)	---	---	---	---	---	---	---	---	---
Zinc, total (mg/L)	---	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethene (ug/L)	---	---	< 0.50	---	---	---	---	---	---
trans-1,2-Dichloroethene (ug/L)	---	---	< 0.50	---	---	---	---	---	---
Methylene chloride (ug/L)	---	---	< 2.0	---	---	---	---	---	---
1,1,2,2-Tetrachloroethane (ug/L)	---	---	< 0.50	---	---	---	---	---	---
Tetrachloroethene (ug/L)	---	---	< 0.50	---	---	---	---	---	---
Toluene (ug/L)	---	---	< 0.50	---	---	---	---	---	---
Trichloroethene (ug/L)	---	---	< 0.50	---	---	---	---	---	---

NOTES:  
 --- - Not analyzed, NA - Data Not available  
 U - Not Detected, J - Estimated

(1) Minimum monitoring requirements based on the SPDES permit modified November 21, 1997.



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

Analyte (units)	Effluent 6/1/2005	Effluent 6/2/2005	Effluent 6/3/2005	Effluent 6/6/2005	Effluent 6/7/2005	Effluent 6/8/2005	Effluent 6/9/2005	Effluent 6/10/2005	Effluent 6/13/2005
Flow (GPD)	12,350	12,440	12,390	12,403	12,080	12,260	12,290	12,230	12,233
pH (SU)	7.21	7.19	7.19	7.21	7.21	7.21	7.2	7.21	7.19
Residue, non-filterable (mg/L)	---	< 5.0	---	---	---	---	---	< 5.0	---
Total dissolved solids (TDS) (mg/L)	---	660	---	---	---	---	---	730	---
Mercury, total (mg/L)	---	---	---	---	---	---	---	---	---
Zinc, total (mg/L)	---	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethene (ug/L)	---	< 0.50	---	---	---	---	---	---	---
trans-1,2-Dichloroethene (ug/L)	---	< 0.50	---	---	---	---	---	---	---
Methylene chloride (ug/L)	---	< 2.0	---	---	---	---	---	---	---
1,1,2,2-Tetrachloroethane (ug/L)	---	< 0.50	---	---	---	---	---	---	---
Tetrachloroethene (ug/L)	---	< 0.50	---	---	---	---	---	---	---
Toluene (ug/L)	---	< 0.50	---	---	---	---	---	---	---
Trichloroethene (ug/L)	---	<0.50	---	---	---	---	---	---	---

NOTES:  
 --- - Not analyzed, NA - Data Not available  
 U - Not Detected, J - Estimated

(1) Minimum monitoring requirements based on the SPDES permit modified November 21, 1997.





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

Analyte (units)	Effluent 6/14/2005	Effluent 6/15/2005	Effluent 6/16/2005	Effluent 6/17/2005	Effluent 6/20/2005	Effluent 6/21/2005	Effluent 6/22/2005	Effluent 6/23/2005	Effluent 6/24/2005
Flow (GPD)	12,000	12,200	12,090	12,060	12,080	12,010	12,060	12,000	11,920
pH (SU)	7.19	7.19	7.22	7.22	7.2	7.21	7.21	7.2	7.21
Residue, non-filterable (mg/L)	---	---	< 5.0	---	---	---	---	< 5.0	---
Total dissolved solids (TDS) (mg/L)	---	---	680	---	---	---	---	680	---
Mercury, total (mg/L)	---	---	---	---	---	---	---	---	---
Zinc, total (mg/L)	---	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethene (ug/L)	---	---	< 0.50	---	---	---	---	---	---
trans-1,2-Dichloroethene (ug/L)	---	---	< 0.50	---	---	---	---	---	---
Methylene chloride (ug/L)	---	---	< 2.0	---	---	---	---	---	---
1,1,2,2-Tetrachloroethane (ug/L)	---	---	< 0.50	---	---	---	---	---	---
Tetrachloroethene (ug/L)	---	---	< 0.50	---	---	---	---	---	---
Toluene (ug/L)	---	---	< 0.50	---	---	---	---	---	---
Trichloroethene (ug/L)	---	---	< 0.50	---	---	---	---	---	---

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



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

Analyte (units)	Effluent 6/27/2005	Effluent 6/28/2005	Effluent 6/29/2005	Effluent 6/30/2005
Flow (GPD)	4,660	12,520	12,300	12220
pH (SU)	6.84	7.33	7.35	7.29
Residue, non-filterable (mg/L)	---	---	---	<5.0
Total dissolved solids (TDS) (mg/L)	---	---	---	580
Mercury, total (mg/L)	---	---	---	---
Zinc, total (mg/L)	---	---	---	---
cis-1,2-Dichloroethene (ug/L)	---	---	---	---
trans-1,2-Dichloroethene (ug/L)	---	---	---	---
Methylene chloride (ug/L)	---	---	---	---
1,1,2,2-Tetrachloroethane (ug/L)	---	---	---	---
Tetrachloroethene (ug/L)	---	---	---	---
Toluene (ug/L)	---	---	---	---
Trichloroethene (ug/L)	---	---	---	---

NOTES:  
--- - Not analyzed, NA - Data Not available  
U - Not Detected, J - Estimated

(1) Minimum monitoring requirements based on the SPDES 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) 4/8/2005	Ground Water Elevation (ft) 12/28/2004	Ground Water Elevation (ft) 10/9/2002	Ground Water Elevation (ft) 4/3/2002	Ground Water Elevation (ft) 11/8/2001	Ground Water Elevation (ft) 7/3/2001
MW-01	99.36	101.11	75.4 - 85.4	80.09	76.7	101.11	77.42	76.87	77.46
MW-02	91.8	94.68	76.6 - 86.6	85.01	83.67	83.6	84.28	83.67	84.33
MW-03	97.65	99.63	73.7 - 83.7	---	---	---	---	---	---
MW-04	65.62	68.52	46.6 - 56.6	---	---	---	---	---	---
MW-05	88.21	90.42	49.2 - 59.2	61.76	60.79	58.42	60.8	60.1	60.92
MW-06	77.46	79.38	46.4 - 56.4	61.45	60.35	59.84	60.42	59.67	55.87
MW-07 (B)	75.66	78.34	34.3 - 44.3	55.35	54.11	52.34	53.59	51.92	53.34
MW-08	88.21	91.78	53.9 - 63.9	67.83	63.24	60.73	64.16	60.92	65.63
MW-09	102.44	104.03	49.7 - 59.7	61.54	60.36	59.85	60.47	59.68	60.51
MW-10 (B)	97.51	97.27	43 - 53	60.38	54.86	54.57	56.07	52.6	57.22
MW-11 (B)	91.48	93.8	43.1 - 53.1	60.89	56.54	54.77	57.19	54.73	59.15
MW-12	93.62	94.14	51.9 - 61.9	61.67	60.54	---	60.64	59.87	60.63
MW-13	98.8	98.7	77.7 - 87.7	80.04	83.48	79.62	78.65	80.1	79.95
MW-14	98.76	100.62	74.6 - 84.6	84.69	81.72	82.87	80.48	80.77	79.74
MW-15 (B)	96.1	98.9	32.7 - 42.7	61.53	57.78	54.4	59.03	53.52	58.98
MW-16 (B)	98.5	100.85	50.8 - 60.8	68.75	65.64	63.5	66.25	63.58	66.14
MW-17	66.9	69.24	53.7 - 63.7	60.79	58.91	57.58	59.24	58.02	58.55
MW-18	76.5	78.29	61.5 - 71.5	74.61	72.88	69.84	73.75	71.36	72.09
MW-19	69.5	71.27	46.5 - 56.5	---	DRY	DRY	DRY	DRY	DRY
MW-20	70.98	73.34	51.9 - 61.9	---	---	---	---	---	---
MW-21	69.9	71.87	59.5 - 64.5	63.92	62.54	61.82	63.39	62.58	62.53
MW-22	71.5	73.34	60.9 - 65.9	68.65	63.41	67.24	68.71	68.15	68.13
MW-23 (B)	89.8	91.72	17.3 - 22.3	39.32	36.49	33.63	35.68	33.25	36.21
MW-24			-	-10.2	-10.33	-10.3	-10.35	-10.39	-10.41
PZ-01	81.8	83.95	49.8 - 59.8	61.48	60.4	59.87	60.45	59.7	---
PZ-02	80.6	83.06	42.8 - 52.8	61.28	60.23	59.65	60.18	59.48	---
RW-01	78.4	80.28	29.4 - 39.4	---	---	34.88	36.53	36.48	---
RW-01	78.4	80.28	45.4 - 50.4	---	---	34.88	36.53	36.48	---
RW-02 (B)	91.58	95.18	-	---	---	44.13	49.85	42.97	---
SUMP		97.93	-	---	---	74.94	75.13	75.05	75.33

Notes:

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 MW-03 was removed as part of the TCE Soils Interim Remedial Measure (IRM) completed in September 1994. System shutdown 02/15/96; System restored 02/20/96.  
 System start-up 02/06/96; MW-13 casing elev. changed 06/06/96. MW-04 and MW-20 were abandoned and replaced by MW-21 and MW-22 on 01/20/97.



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

Well ID	Ground Water Elevation (ft) 11/7/2000	Ground Water Elevation (ft) 4/6/2000	Ground Water Elevation (ft) 10/19/1999	Ground Water Elevation (ft) 4/28/1999	Ground Water Elevation (ft) 10/20/1998	Ground Water Elevation (ft) 4/15/1998	Ground Water Elevation (ft) 1/29/1998	Ground Water Elevation (ft) 10/22/1997	Ground Water Elevation (ft) 7/8/1997
MW-01	DRY	80.92	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-02	---	86.58	84.44	83.38	83.54	83.52	83.47	82.84	---
MW-03	---	---	---	---	---	---	---	---	---
MW-04	---	---	---	---	---	---	---	---	---
MW-05	59.83	60.52	55.35	59.91	---	---	60.86	58.34	59.16
MW-06	59.4	60.36	53.34	59.11	59.69	60.57	60.46	57.97	58.58
MW-07 (B)	DRY	54.87	51.73	54.57	51.76	53.82	52.9	50.63	52.93
MW-08	61.45	66.41	62.37	64.21	59.86	67.17	64.98	58.9	61.65
MW-09	59.42	60.62	54.25	59.68	59.71	60.56	60.51	58	58.76
MW-10 (B)	52.73	57.6	51.32	57.97	51.88	---	55.78	50.75	53.44
MW-11 (B)	54.66	59.39	53.31	58.36	53.98	61.73	56.75	52.5	55.2
MW-12	59.62	60.71	54.09	59.53	59.89	60.8	60.67	58.21	58.92
MW-13	80.53	80.89	80.75	78.08	78.31	78.67	78.87	79.53	79.84
MW-14	80.75	80.6	80.67	80.54	80.64	80.78	80.78	80.58	80.55
MW-15 (B)	54.32	58.81	50.95	58.94	52.58	62.1	56.34	50.48	56.63
MW-16 (B)	63.57	66.92	59.81	65.99	61.84	68.03	65.71	58.45	64.43
MW-17	58.33	60.28	57.47	58.76	57.93	59.51	59.7	DRY	58.33
MW-18	71.61	75.08	70.78	72.46	70.74	73.29	73.5	69.71	71.34
MW-19	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-20	---	---	---	---	---	---	---	---	---
MW-21	62.59	64.42	62.69	63.31	63.23	63.54	63.82	62.93	---
MW-22	66.42	68.52	67.69	68.05	67.83	68.39	68.51	65.96	67.35
MW-23 (B)	33.97	36.69	32.48	36.76	33.57	37.95	34.95	32.29	35.61
MW-24	-10.43	-9.96	-10.22	-7.38	NI	NI	NI	NI	NI
PZ-01	59.44	60.51	53.65	59.3	59.7	60.61	60.5	58.01	58.7
PZ-02	59.16	60.17	52.71	59.03	59.46	60.34	60.22	57.65	58.34
RW-01	40.88	50.73	---	54.69	32.36	32.6	43.13	42.03	43.34
RW-01	40.88	50.73	---	54.69	32.36	32.6	43.13	42.03	43.34
RW-02 (B)	42.86	54.52	---	56.74	44.33	59.94	52.74	42.89	44.07
SUMP	74.91	78.49	---	75.26	75.2	74.96	74.89	74.75	75.01

Notes:  
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 MW-03 was removed as part of the TCE Soils Interim Remedial Measure (IRM) completed in September 1994. System shutdown 02/15/96; System restored 02/20/96.  
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**Table 2**  
**Former Accurate Die Casting Site**  
**Fayetteville, New York**  
**Ground Water Elevation Summary Table**

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

Notes:

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 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) 4/10/1996	Ground Water Elevation (ft) 4/4/1996	Ground Water Elevation (ft) 3/21/1996	Ground Water Elevation (ft) 3/7/1996	Ground Water Elevation (ft) 2/29/1996	Ground Water Elevation (ft) 2/22/1996	Ground Water Elevation (ft) 2/20/1996	Ground Water Elevation (ft) 2/16/1996
MW-01	DRY	DRY	DRY	77.34	75.17	75.36	DRY	DRY	DRY
MW-02	84.86	83.68	83.68	84.24	83.5	83.67	83.32	83.15	83.34
MW-03	---	---	---	---	---	---	---	---	---
MW-04	60.28	54.43	52.66	59.26	55.1	58.14	60.37	52.46	54.43
MW-05	58.2	58.14	58.32	58.85	59.73	60.14	60.4	60.5	60.73
MW-06	57.41	57.28	57.48	58.02	58.96	59.45	59.75	59.8	60.11
MW-07 (B)	54.32	54.15	54.17	54.29	54.32	54.46	54.58	54.45	54.52
MW-08	64.08	63.83	64.1	64.76	64.68	65.12	65.42	65.47	65.84
MW-09	57.73	57.59	57.78	58.3	59.22	59.71	---	---	60.35
MW-10 (B)	58.61	58.72	58.81	59.07	59.43	59.64	59.91	59.96	60.42
MW-11 (B)	58.94	59.01	59.1	59.38	59.78	59.99	60.29	60.35	60.88
MW-12	57.86	57.74	57.93	58.44	59.37	59.86	60.16	60.21	60.5
MW-13	79.52	79.57	79.6	79.68	79.77	79.86	79.87	79.88	79.9
MW-14	78.14	80.55	80.52	80.49	80.45	80.44	80.38	80.35	80.29
MW-15 (B)	58.84	59.04	59.07	59.14	59.4	59.46	59.56	59.56	59.63
MW-16 (B)	65.84	65.9	65.99	65.99	66.17	66.39	66.52	66.57	66.79
MW-17	59.3	59.14	59.27	59.3	59.28	59.42	59.64	59.52	59.7
MW-18	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-19	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 (B)	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-24	NI	NI	NI	NI	NI	NI	NI	NI	NI
PZ-01	57.6	57.47	57.67	58.21	59.14	59.63	59.93	59.99	60.28
PZ-02	57.3	57.19	57.39	57.9	58.83	59.33	59.61	59.66	59.97
RW-01	52.11	52.03	52.24	52.76	53.58	54.05	54.35	54.4	54.71
RW-01	52.11	52.03	52.24	52.76	53.58	54.05	54.35	54.4	54.71
RW-02 (B)	58.41	58.52	58.63	58.95	59.41	59.63	59.97	---	60.67
SUMP	75.89	74.99	74.69	74.87	74.65	74.9	75.3	74.63	74.63

Notes:

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 MW-03 was removed as part of the TCE Soils Interim Remedial Measure (IRM) completed in September 1994. System shutdown 02/15/96; System restored 02/20/96.  
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**Table 2**  
**Former Accurate Die Casting Site**  
**Fayetteville, New York**  
**Ground Water Elevation Summary Table**

Well ID	Ground Water Elevation (ft) 2/15/1996	Ground Water Elevation (ft) 2/7/1996	Ground Water Elevation (ft) 2/5/1996	Ground Water Elevation (ft) 10/17/1995	Ground Water Elevation (ft) 7/25/1995	Ground Water Elevation (ft) 4/26/1995	Ground Water Elevation (ft) 3/9/1995	Ground Water Elevation (ft) 2/23/1995	Ground Water Elevation (ft) 2/9/1995
MW-01	75.3	76.64	77.06	DRY	DRY	DRY	---	---	---
MW-02	83.41	83.87	84.04	84.22	82.42	83.28	---	---	---
MW-03	---	---	---	---	---	---	---	---	---
MW-04	55.39	52.06	53.6	---	45.94	51.44	---	---	---
MW-05	60.8	---	61.26	---	58.78	60.34	---	---	---
MW-06	60.41	60.44	60.86	58.1	58.52	---	---	---	---
MW-07 (B)	55.03	54.67	55.16	52.71	53.27	54.51	---	---	---
MW-08	65.93	66.4	66.61	60.76	59.82	63.41	---	---	---
MW-09	60.48	60.7	60.95	58.16	58.56	60.1	---	---	---
MW-10 (B)	62.11	59.88	62	54.61	54.6	57.49	55.02	54.36	54.52
MW-11 (B)	62.67	60.37	62.63	55.31	55.72	58.86	56.55	55.63	56.13
MW-12	60.65	60.83	61.11	58.35	58.76	60.3	---	---	---
MW-13	79.91	79.98	---	DRY	DRY	DRY	77.67	77.75	77.84
MW-14	80.28	---	79.91	80.72	80.61	80.61	80.12	79.54	78.95
MW-15 (B)	59.79	59.37	59.24	50.47	51.6	54.71	---	---	---
MW-16 (B)	66.9	67.17	67.14	58.06	59.41	63.86	---	---	---
MW-17	59.75	60.17	60.29	DRY	57.71	59.02	---	---	---
MW-18	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-19	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 (B)	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-24	NI	NI	NI	NI	NI	NI	NI	NI	NI
PZ-01	60.46	60.61	60.92	58.16	58.58	---	---	---	---
PZ-02	60.26	60.3	60.7	57.97	58.37	59.88	---	---	---
RW-01	59.22	55.04	59.64	57.11	57.6	59.14	---	---	---
RW-01	59.22	55.04	59.64	57.11	57.6	59.14	---	---	---
RW-02 (B)	63.83	59.98	63.8	56.05	NI	NI	NI	NI	NI
SUMP	74.64	74.68	74.67	76.94	75.25	75.09	78	75	74.88

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**Fayetteville, New York**  
**Ground Water Elevation Summary Table**

Well ID	Ground Water Elevation (ft) 1/25/1995	Ground Water Elevation (ft) 1/13/1995	Ground Water Elevation (ft) 12/27/1994	Ground Water Elevation (ft) 12/15/1994	Ground Water Elevation (ft) 11/30/1994	Ground Water Elevation (ft) 11/17/1994	Ground Water Elevation (ft) 11/2/1994	Ground Water Elevation (ft) 10/18/1994	Ground Water Elevation (ft) 9/27/1994
MW-01	---	---	---	---	---	---	---	DRY	---
MW-02	---	---	---	---	---	---	---	80.12	83.28
MW-03	---	---	---	---	---	---	---	---	---
MW-04	---	---	---	---	---	---	---	46.79	52.21
MW-05	---	---	---	---	---	---	---	59.45	59.91
MW-06	---	---	---	---	---	---	---	59.05	59.52
MW-07 (B)	---	---	---	---	---	---	---	53.55	53.97
MW-08	---	---	---	---	---	---	---	60.99	61.65
MW-09	---	---	---	---	---	---	---	59.08	59.59
MW-10 (B)	54.95	54.94	55.02	55.19	54.94	55.19	55.07	56.02	---
MW-11 (B)	55.63	55.63	56.55	56.63	55.59	56.68	---	57.47	58.39
MW-12	---	---	---	---	---	---	---	59.31	59.79
MW-13	77.83	78.25	78.34	80.92	78.21	78.21	82.92	78.7	---
MW-14	80.45	80.62	80.54	80.2	80.54	80.54	80.12	86.18	---
MW-15 (B)	---	---	---	---	---	---	---	53.47	---
MW-16 (B)	---	---	---	---	---	---	---	61.67	---
MW-17	---	---	---	---	---	---	---	54.08	54.61
MW-18	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-19	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 (B)	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-24	NI	NI	NI	NI	NI	NI	NI	NI	NI
PZ-01	---	---	---	---	---	---	---	59.1	59.57
PZ-02	---	---	---	---	---	---	---	58.89	59.36
RW-01	---	---	---	---	---	---	---	58.22	56.89
RW-01	---	---	---	---	---	---	---	58.22	56.89
RW-02 (B)	NI	NI	NI	NI	NI	NI	NI	NI	NI
SUMP	75	75	74.83	75.17	75	74.83	76.04	NI	NI

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) 9/26/1994	Ground Water Elevation (ft) 8/7/1992	Ground Water Elevation (ft) 6/26/1992	Ground Water Elevation (ft) 5/28/1992
MW-01	---	79.69	DRY	DRY
MW-02	83.1	84.32	82.81	83.21
MW-03	---	81.63	---	80.44
MW-04	47.22	50.81	49.95	51.08
MW-05	59.87	61.22	63.76	60.71
MW-06	59.51	60.46	60.49	60.5
MW-07 (B)	53.9	54.47	54.55	54.59
MW-08	61.59	66.83	66.38	66.38
MW-09	59.57	61.83	60.51	60.46
MW-10 (B)	---	61.69	61.99	61.15
MW-11 (B)	58.41	63.66	63.7	62.34
MW-12	59.77	62.77	60.74	62.24
MW-13	---	80.92	80.62	DRY
MW-14	---	81.54	79.07	75.11
MW-15 (B)	---	NI	NI	NI
MW-16 (B)	---	NI	NI	NI
MW-17	54.61	NI	NI	NI
MW-18	NI	NI	NI	NI
MW-19	NI	NI	NI	NI
MW-20	NI	NI	NI	NI
MW-21	NI	NI	NI	NI
MW-22	NI	NI	NI	NI
MW-23 (B)	NI	NI	NI	NI
MW-24	NI	NI	NI	NI
PZ-01	59.56	NI	NI	NI
PZ-02	59.35	NI	NI	NI
RW-01	56.88	NI	NI	NI
RW-01	56.88	NI	NI	NI
RW-02 (B)	NI	NI	NI	NI
SUMP	NI	NI	NI	NI

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 Trichloroethylene Concentrations**

Date Sampled	Apr/2005 TCE ug/L	Dec/2004 TCE ug/L	Jul/2004 TCE ug/L	Dec/2003 TCE ug/L	May/2003 TCE ug/L	Oct/2002 TCE ug/L	Jun/2002 TCE ug/L	Apr/2002 TCE ug/L	Nov/2001 TCE ug/L
Location ID									
MW-01	---	---	---	---	---	---	---	---	ND
MW-02	---	---	---	---	---	---	---	---	ND
MW-03	AB	AB	AB	AB	AB	AB	AB	AB	AB
MW-04	AB	AB	AB	AB	AB	AB	AB	AB	AB
MW-05	---	98	---	110	---	100	---	---	120
MW-06	---	---	---	110	---	92	---	---	92
MW-07 (B)	---	---	---	---	---	---	---	---	ND
MW-08	---	---	---	---	---	---	---	---	ND
MW-09	---	110	---	110	---	67	---	---	77
MW-10 (B)	450	---	470	570	530	700	---	740	900
MW-11 (B)	390	---	490	620	940	760	---	870	1000
MW-12	---	21	---	20	---	18	---	---	19
MW-13	200	---	---	---	---	370	360	---	520
MW-14	---	200	---	190	310	200	---	---	240
MW-15 (B)	---	2.1	---	26	---	21	---	---	27
MW-16 (B)	---	2.1	---	3	---	1	---	---	3
MW-17	---	140	---	310	---	290	---	---	230
MW-18	1300	---	1600	2300	2100	2500	---	350	2000
MW-20	---	---	---	---	---	---	---	---	---
MW-21	---	4.9	---	12	---	---	---	---	38
MW-22	---	18	---	18	---	4	---	---	13
MW-23 (B)	---	---	---	---	---	---	---	---	ND
MW-24	64	96	170	190	390	---	470	---	1500
PZ-01	---	120	---	92	---	79	---	---	79
PZ-02	---	130	---	150	---	160	---	---	260
SUMP	---	---	---	---	640	1100	---	210	1500

Notes:

ND - Not detected above method detection limit, --- 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.



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

Date Sampled	Jul/2001	Nov/2000	Apr/2000	Oct/1999	Apr/1999	Nov/1998	Oct/1998	Apr/1998	Jan/1998
Location ID	TCE ug/L	TCE ug/L	TCE ug/L	TCE ug/L	TCE ug/L	TCE ug/L	TCE ug/L	TCE ug/L	TCE ug/L
MW-01	---	---	---	---	---	---	---	---	---
MW-02	---	ND	---	ND	---	---	ND	---	---
MW-03	AB	AB	AB	AB	AB	AB	AB	AB	AB
MW-04	AB	AB	AB	AB	AB	AB	AB	AB	AB
MW-05	---	110	---	78	---	---	200	---	---
MW-06	89	48	30	72	63	---	92	140	---
MW-07 (B)	---	---	---	ND	---	---	ND	---	---
MW-08	---	ND	---	ND	---	---	ND	---	---
MW-09	70	60	69	46	120	---	80	120	140
MW-10 (B)	600	690	530	700	720	---	880	930	---
MW-11 (B)	680	840	670	900	740	---	1100	920	---
MW-12	---	17	---	15	---	---	22	---	---
MW-13	---	790	---	430	---	---	480	---	---
MW-14	270	280	250	260	460	---	400	460	560
MW-15 (B)	---	7	---	13	---	---	21	---	---
MW-16 (B)	---	3	---	15	---	---	4	---	---
MW-17	240	220	160	180	280	---	250	800	270
MW-18	970	1900	360	1800	620	---	3600	1100	1000
MW-20	---	---	---	---	---	---	---	---	---
MW-21	35	73	42	90	510	---	180	1300	120
MW-22	13	12	13	9	10	---	14	10	5
MW-23 (B)	---	ND	---	ND	---	---	ND	---	ND
MW-24	600	2400	690	4300	4300	6000	---	---	---
PZ-01	---	29	---	410	---	---	85	---	---
PZ-02	---	160	---	18	---	---	250	---	---
SUMP	1000	1100	490	---	400	---	850	560	---

Notes:

ND - Not detected above method detection limit, --- - 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.



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

Date Sampled	Oct/1997 TCE ug/L	Jul/1997 TCE ug/L	Apr/1997 TCE ug/L	Jan/1997 TCE ug/L	Oct/1996 TCE ug/L	Jul/1996 TCE ug/L	May/1996 TCE ug/L	Apr/1996 TCE ug/L	Jan/1996 TCE ug/L
Location ID									
MW-01	---	---	---	---	---	---	---	---	---
MW-02	ND	---	---	---	ND	---	---	---	---
MW-03	AB	AB	AB	AB	AB	AB	AB	AB	AB
MW-04	AB	AB	AB	AB	62	---	---	---	---
MW-05	220	---	---	---	180	---	---	---	---
MW-06	ND	---	52	75	71	98	---	110	170
MW-07 (B)	ND	---	---	---	ND	---	---	---	---
MW-08	---	---	---	---	ND	---	---	---	---
MW-09	61	66	83	95	50	65	---	64	100
MW-10 (B)	1300	---	1200	1900	1700	960	---	820	900
MW-11 (B)	1600	---	800	1500	1600	1400	---	1500	2500
MW-12	19	---	---	---	17	---	---	---	---
MW-13	760	---	---	---	370	---	---	---	---
MW-14	560	260	400	390	170	230	---	250	84
MW-15 (B)	18	---	---	---	20	---	---	---	---
MW-16 (B)	14	---	---	---	11	---	---	---	---
MW-17	---	150	220	450	300	460	---	350	180
MW-18	3100	1800	410	850	2900	---	1200	NI	NI
MW-20	---	---	---	---	---	---	70	NI	NI
MW-21	450	310	520	270	NI	NI	NI	NI	NI
MW-22	8	3	1	2	NI	NI	NI	NI	NI
MW-23 (B)	ND	ND	ND	---	---	---	---	NI	NI
MW-24	---	---	---	---	---	---	---	NI	NI
PZ-01	48	---	---	---	32	---	---	---	---
PZ-02	420	---	---	---	540	---	---	---	---
SUMP	2600	---	180	320	---	1000	---	180	170

Notes:

ND - Not detected above method detection limit, --- - 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.



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

Date Sampled	Oct/1995 TCE ug/L	Jul/1995 TCE ug/L	Apr/1995 TCE ug/L	Feb/1995 TCE ug/L	Oct/1994 TCE ug/L	Jul/1994 TCE ug/L	May/1992 TCE ug/L	May/1990 TCE ug/L	Dec/1989 TCE ug/L
Location ID									
MW-01	---	---	---	---	---	---	ND	2	ND
MW-02	ND	ND	ND	ND	ND	---	ND	1	ND
MW-03	AB	AB	AB	AB	AB	ND	340000	440000	ND
MW-04	15	---	16	13	23	270	6	43	7
MW-05	---	---	280	290	410	330	110	344	340
MW-06	180	270	280	330	360	390	510	454	700
MW-07 (B)	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-08	ND	ND	ND	ND	ND	---	ND	ND	ND
MW-09	68	75	84	74	74	72	60	106	109
MW-10 (B)	890	900	1200	1400	1300	1600	4500	---	---
MW-11 (B)	2600	4000	3900	4300	5300	5500	5200	---	---
MW-12	29	25	30	33	35	44	36	---	---
MW-13	---	---	---	---	510	740	110	---	---
MW-14	78	140	95	79	120	150	67	---	---
MW-15 (B)	7	17	10	11	14	---	NI	NI	NI
MW-16 (B)	20	18	7	17	6	---	NI	NI	NI
MW-17	---	160	130	200	140	260	NI	NI	NI
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 (B)	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-24	NI	NI	NI	NI	NI	NI	NI	NI	NI
PZ-01	---	120	---	---	---	---	NI	NI	NI
PZ-02	---	400	490	---	---	---	NI	NI	NI
SUMP	---	---	---	---	NI	NI	NI	NI	NI

Notes:

ND - Not detected above method detection limit, --- - 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.



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

Date Sampled	Aug/1989
Location ID	TCE ug/L
MW-01	112
MW-02	ND
MW-03	ND
MW-04	---
MW-05	---
MW-06	---
MW-07 (B)	---
MW-08	---
MW-09	---
MW-10 (B)	---
MW-11 (B)	---
MW-12	---
MW-13	---
MW-14	---
MW-15 (B)	NI
MW-16 (B)	NI
MW-17	NI
MW-18	NI
MW-20	NI
MW-21	NI
MW-22	NI
MW-23 (B)	NI
MW-24	NI
PZ-01	NI
PZ-02	NI
SUMP	NI

Notes:

ND - Not detected above method detection limit, --- - Not analyzed, NI - Not installed at time of monitoring, AB - Well was abandoned.  
 MW-01 through MW-16 installed during Remedial Investigation (Stearns & Wheeler).  
 MW-03 removed as part of TCE Soils Interim Remedial Measure (IRM) completed in September 1994. Data was collected by Stearns & Wheeler prior to 07/22/94.  
 MW-04 and MW-20 were abandoned and replaced by MW-21 and MW-22 on 01/20/97.

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

Location ID	MW-10 (B)	MW-11 (B)	MW-18	MW-24	MW-05	MW-17	MW-21	MW-22	MW-24	MW-18
Sample Date	2005-Apr	2005-Apr	2005-Apr	2005-Apr	2004-Dec	2004-Dec	2004-Dec	2004-Dec	2004-Dec	2004-Jul
	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Chemical Name										
1,1-Dichloroethene	---	---	---	---	---	---	---	---	---	---
Chloroform	---	---	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethene	0.26	1.1	120	44	---	5.1	2.8	47	69	140
Methylene Chloride	---	2.3	0.10	---	---	---	---	---	---	---
Tetrachloroethene	0.10	0.30	0.51	---	2.7	11	---	---	---	---
Toluene	---	---	---	---	---	---	---	---	---	---
trans-1,2-Dichloroethene	0.12	---	0.86	---	---	---	---	1.1	---	---
Vinyl chloride	---	---	---	---	---	---	---	---	---	---

Notes:

--- Not detected.

MW-04 and MW-20 were abandoned and replaced by MW-21 and MW-22 on 01/20/97.

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

Location ID	MW-24	MW-15 (B)	MW-21	MW-22	MW-24	MW-18	MW-24	MW-18	MW-17	MW-22
Sample Date	2004-Jul	2003-Dec	2003-Dec	2003-Dec	2003-Dec	2003-May	2003-May	2002-Oct	2002-Oct	2002-Oct
Chemical Name	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1,1-Dichloroethene	---	1	---	---	---	---	---	---	---	---
Chloroform	---	---	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethene	680	---	32	52	81	130	410	310	22	51
Methylene Chloride	---	---	---	---	---	---	---	---	---	---
Tetrachloroethene	---	---	---	---	---	---	---	---	---	---
Toluene	---	---	---	---	---	---	---	---	---	---
trans-1,2-Dichloroethene	---	---	---	---	---	---	---	---	---	---
Vinyl chloride	44	---	---	---	---	---	---	---	---	---

Notes:

--- Not detected.

MW-04 and MW-20 were abandoned and replaced by MW-21 and MW-22 on 01/20/97.

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

Location ID	MW-12	MW-24	MW-17	MW-18	MW-21	MW-22	MW-24	MW-13	SUMP	MW-17
Sample Date	2002-Oct	2002-Jun	2001-Nov	2001-Nov	2001-Nov	2001-Nov	2001-Nov	2001-Nov	2001-Nov	2001-Jul
	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1,1-Dichloroethene	---	---	---	---	---	---	---	---	---	---
Chloroform	---	---	---	---	---	---	---	40	180	---
cis-1,2-Dichloroethene	---	680	10	120	240	36	2100	---	---	10
Methylene Chloride	---	---	---	---	---	---	---	---	---	---
Tetrachloroethene	---	---	8	---	---	---	---	---	---	7
Toluene	2	---	---	---	---	---	---	---	---	---
trans-1,2-Dichloroethene	---	---	---	---	---	---	---	---	---	---
Vinyl chloride	---	---	---	---	---	---	---	---	---	---

Notes:  
--- Not detected.  
MW-04 and MW-20 were abandoned and replaced by MW-21 and MW-22 on 01/20/97.  
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**Table 4**  
**Former Accurate Die Casting Site**  
**Fayetteville, New York**  
**Other Detected Volatile Organic Compounds**

Location ID	MW-21	MW-22	MW-24	MW-17	MW-18	MW-22	SUMP	MW-21	MW-24	MW-18
Sample Date	2001-Jul	2001-Jul	2001-Jul	2000-Nov	2000-Nov	2000-Nov	2000-Nov	2000-Nov	2000-Nov	2000-Apr
	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Chemical Name										
1,1-Dichloroethene	---	---	---	---	---	---	---	---	---	---
Chloroform	---	---	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethene	130	37	400	15	100	29	51	220	1200	14
Methylene Chloride	---	---	---	---	---	---	---	---	---	---
Tetrachloroethene	---	---	---	7	---	---	---	---	---	---
Toluene	---	---	---	---	---	---	---	---	---	---
trans-1,2-Dichloroethene	---	---	---	---	---	---	---	---	---	---
Vinyl chloride	---	---	---	---	---	---	---	---	---	---

**Notes:**

-- Not detected.  
MW-04 and MW-20 were abandoned and replaced by MW-21 and MW-22 on 01/20/97.  
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Table 4  
Former Accurate Die Casting Site  
Fayetteville, New York  
Other Detected Volatile Organic Compounds

Location ID	MW-21	MW-22	MW-24	MW-21	MW-22	MW-24	MW-10 (B)	MW-11 (B)	MW-17	MW-18
Sample Date	2000-Apr	2000-Apr	2000-Apr	1999-Oct	1999-Oct	1999-Oct	1999-Apr	1999-Apr	1999-Apr	1999-Apr
	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
<b>Chemical Name</b>										
1,1-Dichloroethene	---	---	---	---	---	---	---	---	---	---
Chloroform	---	---	---	---	---	---	29	60	---	---
cis-1,2-Dichloroethene	140	26	250	670	28	3000	---	---	---	37
Methylene Chloride	---	---	---	---	---	---	---	---	---	---
Tetrachloroethene	---	---	---	---	---	---	---	---	23	---
Toluene	---	---	---	---	---	---	---	---	---	---
trans-1,2-Dichloroethene	---	---	---	---	---	---	---	---	---	---
Vinyl chloride	---	---	---	---	---	---	---	---	---	---

Notes:  
--- Not detected.  
MW-04 and MW-20 were abandoned and replaced by MW-21 and MW-22 on 01/20/97.  
Q:\2488\_AccuDie\SemiAnnual Tables\Other Detected VOC\_April 05.xls



O'BRIEN & GERE

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

Location ID	MW-21	MW-22	MW-24	MW-24	MW-18	MW-21	MW-22	MW-17	MW-21	MW-22
Sample Date	1999-Apr	1999-Apr	1999-Apr	1998-Nov	1998-Oct	1998-Oct	1998-Oct	1998-Oct	1998-Apr	1998-Apr
	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Chemical Name										
1,1-Dichloroethene	---	---	---	---	---	---	---	---	---	---
Chloroform	---	---	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethene	2100	24	1600	2600	160	340	35	---	1400	22
Methylene Chloride	---	---	---	---	---	---	---	---	---	---
Tetrachloroethene	---	---	---	---	---	---	---	17	---	---
Toluene	---	---	---	---	---	---	---	---	---	---
trans-1,2-Dichloroethene	---	---	---	---	---	---	---	---	---	---
Vinyl chloride	---	---	---	---	---	---	---	---	---	---

Notes:  
-- Not detected.

MW-04 and MW-20 were abandoned and replaced by MW-21 and MW-22 on 01/20/97.

**OBRIEN & GERE**

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

Location ID	MW-17	MW-21	MW-22	MW-21	MW-22	MW-17	MW-18	MW-21	MW-22	MW-21
Sample Date	1998-Jan	1998-Jan	1998-Jan	1997-Oct	1997-Oct	1997-Jul	1997-Jul	1997-Jul	1997-Jul	1997-Apr
	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Chemical Name										
1,1-Dichloroethene	---	---	---	---	---	---	---	---	---	---
Chloroform	---	---	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethene	---	350	11	800	22	---	66	770	9	630
Methylene Chloride	---	---	---	---	---	---	---	---	---	---
Tetrachloroethene	12	---	---	---	---	18	---	---	---	---
Toluene	---	---	---	---	---	---	---	---	---	---
trans-1,2-Dichloroethene	---	---	---	---	---	---	---	---	---	---
Vinyl chloride	---	---	---	---	3	---	---	---	---	---

Notes:  
--- Not detected.  
MW-04 and MW-20 were abandoned and replaced by MW-21 and MW-22 on 01/20/97.  
Q:\2488\_AccuDie\SemiAnnual Tables\Other Detected VOC\_April 05.xls



**ATTACHMENT A**

**SPDES PERMIT COMPLIANCE MONITORING  
LABORATORY ANALYTICAL DATA REPORT**



**O'Brien & Gere Laboratories, Inc.**

5000 Brittonfield Parkway  
East Syracuse, NY 13057

(315) 437-6100

Wednesday, April 20, 2005

Al Farrell  
O'Brien & Gere Engineers, Inc.  
5000 Brittonfield Parkway  
PO Box 4873  
Syracuse, NY 13221

TEL: 315-437-6100

RE: Analytical Results

Order No.: 0504037

Dear Al Farrell:

O'Brien & Gere Laboratories, Inc. received 6 sample(s) on 4/7/2005 for the analyses presented in the following report.

Very truly yours,  
O'BRIEN & GERE LABORATORIES, INC.

Monika Santucci  
Project Supervisor





# O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

# Analytical Results

StateCertNo: 10155

**CLIENT:** O'Brien & Gere Inc. of North America

**Project:** Former Accurate Die Cast

**Work Order:** 0504037

**Matrix:** WATER

**InstrumentID:** MS01 11

**ColumnID:** Rtx-VMS

**Revision:** 4/12/05 3:57:01 PM

**Sample Size:** 10 mL

**%Moisture:**

**TestCode:** 8260W

**Lab ID:** 0504037-004A

**Client Sample ID:** Effluent

**Collection Date:** 4/7/05 10:00:00 AM

**Date Received:** 4/7/05

**PrepDate:**

**BatchNo:** R614

**FileID:** T7811.D

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
<b>VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>						
<b>SW8260B</b>						
1,1,2,2-Tetrachloroethane	ND		0.50	µg/L	1	4/11/05 5:12:00 PM
cis-1,2-Dichloroethene	ND		0.50	µg/L	1	4/11/05 5:12:00 PM
Methylene chloride	ND		2.0	µg/L	1	4/11/05 5:12:00 PM
Tetrachloroethene	ND		0.50	µg/L	1	4/11/05 5:12:00 PM
Toluene	ND		0.50	µg/L	1	4/11/05 5:12:00 PM
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	4/11/05 5:12:00 PM
Trichloroethene	ND		0.50	µg/L	1	4/11/05 5:12:00 PM
Surr: 1,2-Dichloroethane-d4	89.9		75-134	%REC	1	4/11/05 5:12:00 PM
Surr: 4-Bromofluorobenzene	81.8		75-125	%REC	1	4/11/05 5:12:00 PM
Surr: Dibromofluoromethane	104		75-127	%REC	1	4/11/05 5:12:00 PM
Surr: Toluene-d8	96.7		75-125	%REC	1	4/11/05 5:12:00 PM

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit



# O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

# Analytical Results

StateCertNo: 10155

**CLIENT:** O'Brien & Gere Inc. of North America

**Project:** Former Accurate Die Cast

**Work Order:** 0504037

**Matrix:** WATER

**InstrumentID:** MS01 11

**Sample Size:** 10 mL

**ColumnID:** Rtx-VMS

**%Moisture:**

**Revision:** 4/12/05 3:57:01 PM

**TestCode:** 8260W

**Lab ID:** 0504037-005A

**Client Sample ID:** In-Between

**Collection Date:** 4/7/05 10:00:00 AM

**Date Received:** 4/7/05

**PrepDate:**

**BatchNo:** R614

**FileID:** T7812.D

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
<b>VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>						
<b>SW8260B</b>						
1,1,2,2-Tetrachloroethane	ND		0.50	µg/L	1	4/11/05 5:43:00 PM
cis-1,2-Dichloroethene	ND		0.50	µg/L	1	4/11/05 5:43:00 PM
Methylene chloride	ND		2.0	µg/L	1	4/11/05 5:43:00 PM
Tetrachloroethene	ND		0.50	µg/L	1	4/11/05 5:43:00 PM
Toluene	ND		0.50	µg/L	1	4/11/05 5:43:00 PM
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	4/11/05 5:43:00 PM
Trichloroethene	ND		0.50	µg/L	1	4/11/05 5:43:00 PM
Surr: 1,2-Dichloroethane-d4	90.0		75-134	%REC	1	4/11/05 5:43:00 PM
Surr: 4-Bromofluorobenzene	82.5		75-125	%REC	1	4/11/05 5:43:00 PM
Surr: Dibromofluoromethane	103		75-127	%REC	1	4/11/05 5:43:00 PM
Surr: Toluene-d8	97.0		75-125	%REC	1	4/11/05 5:43:00 PM

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit



**O'Brien & Gere Laboratories, Inc.**  
 5000 Brittonfield Parkway  
 East Syracuse, NY 13057 (315) 437-6100

**Analytical Results**  
 StateCertNo: 10155

<b>CLIENT:</b> O'Brien & Gere Inc. of North America	<b>Lab ID:</b> 0504037-006A
<b>Project:</b> Former Accurate Die Cast	<b>Client Sample ID:</b> Influent
<b>Work Order:</b> 0504037	<b>Collection Date:</b> 4/7/05 10:00:00 AM
<b>Matrix:</b> WATER	<b>Date Received:</b> 4/7/05
<b>InstrumentID:</b> MS01 11	<b>Sample Size:</b> 10 mL
<b>ColumnID:</b> Rtx-VMS	<b>%Moisture:</b>
<b>Revision:</b> 4/12/05 3:57:01 PM	<b>TestCode:</b> 8260W
	<b>PrepDate:</b>
	<b>BatchNo:</b> R614
	<b>FileID:</b> T7813.D

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
<b>VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>						
<b>SW8260B</b>						
1,1,2,2-Tetrachloroethane	ND		25	µg/L	50	4/11/05 6:14:00 PM
cis-1,2-Dichloroethene	ND		25	µg/L	50	4/11/05 6:14:00 PM
Methylene chloride	ND		100	µg/L	50	4/11/05 6:14:00 PM
Tetrachloroethene	ND		25	µg/L	50	4/11/05 6:14:00 PM
Toluene	ND		25	µg/L	50	4/11/05 6:14:00 PM
trans-1,2-Dichloroethene	ND		25	µg/L	50	4/11/05 6:14:00 PM
Trichloroethene	690		25	µg/L	50	4/11/05 6:14:00 PM
Surr: 1,2-Dichloroethane-d4	89.7		75-134	%REC	50	4/11/05 6:14:00 PM
Surr: 4-Bromofluorobenzene	81.3		75-125	%REC	50	4/11/05 6:14:00 PM
Surr: Dibromofluoromethane	102		75-127	%REC	50	4/11/05 6:14:00 PM
Surr: Toluene-d8	97.5		75-125	%REC	50	4/11/05 6:14:00 PM

<b>Qualifiers:</b>	* Value exceeds Maximum Contaminant Level	B Analyte detected in the associated Method Blank
	E Value above quantitation range	H Holding times for preparation or analysis exceeded
	J Analyte detected below quantitation limits	ND Not Detected at the Reporting Limit
	S Spike Recovery outside accepted recovery limits	



# O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

# Analytical Results

StateCertNo: 10155

**CLIENT:** O'Brien & Gere Inc. of North America  
**Project:** Former Accurate Die Cast  
**W Order:** 0504037  
**Matrix:** WATER  
**Inst. ID:** ICAP 61E      **Sample Size:** 50 mL  
**ColumnID:**              **%Moisture:**  
**Revision:** 4/13/05 9:33:38 AM      **TestCode:** 200.7W.3

**Lab ID:** 0504037-002A  
**Client Sample ID:** WTP Eff-4/7A  
**Collection Date:** 4/7/05 10:00:00 AM  
**Date Received:** 4/7/05  
**PrepDate:** 4/8/05  
**BatchNo:** 329/R612  
**FileID:** 2095

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
<b>TOTAL METALS BY ICP</b>						
Zinc	0.030	0.010		mg/L	1	4/12/05 1:05:00 PM

EPA 200.7

(E4.1.3)

**Qualifiers:**    B Analyte detected in the associated Method Blank      E Value above quantitation range  
                       H Holding times for preparation or analysis exceeded      J Analyte detected below quantitation limits  
                       ND Not Detected at the Reporting Limit                      S Spike Recovery outside accepted recovery limits



# O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

# Analytical Results

StateCertNo: 10155

<b>CLIENT:</b> O'Brien & Gere Inc. of North America	<b>Lab ID:</b> 0504037-002A
<b>Project:</b> Former Accurate Die Cast	<b>Client Sample ID:</b> WTP Eff-4/7A
<b>W Order:</b> 0504037	<b>Collection Date:</b> 4/7/05 10:00:00 AM
<b>Matrix:</b> WATER	<b>Date Received:</b> 4/7/05
<b>Inst. ID:</b> FIMS 100	<b>Sample Size:</b> 50 mL
<b>ColumnID:</b>	<b>%Moisture:</b>
<b>Revision:</b> 4/20/05 3:46:35 PM	<b>TestCode:</b> HG245W
	<b>PrepDate:</b> 4/18/05 5:45:00 PM
	<b>BatchNo:</b> 384/R721
	<b>FileID:</b>

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
<b>MERCURY</b>				<b>EPA 245.1</b>		<b>(E245.1)</b>
Mercury	ND		0.00020	mg/L	1	4/19/05 2:49:19 PM

<b>Qualifiers:</b>	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	S Spike Recovery outside accepted recovery limits



# O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

# Analytical Results

StateCertNo: 10155

<b>CLIENT:</b> O'Brien & Gere Inc. of North America	<b>Lab ID:</b> 0504037-003A
<b>Project:</b> Former Accurate Die Cast	<b>Client Sample ID:</b> Influent-4/7
<b>W Order:</b> 0504037	<b>Collection Date:</b> 4/7/05 10:00:00 AM
<b>Matrix:</b> WATER	<b>Date Received:</b> 4/7/05
<b>Inst. ID:</b> ICAP 61E	<b>Sample Size:</b> 50 mL
<b>ColumnID:</b>	<b>%Moisture:</b>
<b>Revision:</b> 4/13/05 9:33:38 AM	<b>TestCode:</b> 200.7W.3
	<b>PrepDate:</b> 4/8/05
	<b>BatchNo:</b> 329/R612
	<b>FileID:</b> 2096

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
<b>TOTAL METALS BY ICP</b>						
Zinc	0.052	0.010		mg/L	1	4/12/05 1:09:00 PM

EPA 200.7

(E4.1.3)

**Qualifiers:**

B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit

E Value above quantitation range  
J Analyte detected below quantitation limits  
S Spike Recovery outside accepted recovery limits



# O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

# Analytical Results

StateCertNo: 10155

**CLIENT:** O'Brien & Gere Inc. of North America

**Lab ID:** 0504037-003A

**Project:** Former Accurate Die Cast

**Client Sample ID:** Influent-4/7

**W Order:** 0504037

**Collection Date:** 4/7/05 10:00:00 AM

**Matrix:** WATER

**Date Received:** 4/7/05

**Inst. ID:** FIMS 100

**Sample Size:** 50 mL

**PrepDate:** 4/18/05 5:45:00 PM

**ColumnID:**

**%Moisture:**

**BatchNo:** 384/R721

**Revision:** 4/20/05 3:46:35 PM

**TestCode:** HG245W

**FileID:**

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
MERCURY				EPA 245.1		(E245.1)
Mercury	ND		0.00020	mg/L	1	4/19/05 2:51:22 PM

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits



**O'Brien & Gere Laboratories, Inc.**

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

**Analytical Results**

StateCertNo: 10155

**CLIENT:** O'Brien & Gere Engineers, Inc.

**Project:** Former Accurate Die Cast

**W Order:** 0504037

**Matrix:** WATER

**Lab ID:** 0504037-001A

**Client Sample ID:** WTP Eff-4/7

**Collection Date:** 4/7/2005 10:00:00 AM

**Date Received:** 4/7/2005

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
<b>TOTAL DISSOLVED SOLIDS</b>			<b>EPA 160.1</b>		
Total Dissolved Solids (Residue, Filterable)	560		10 mg/L	1	4/8/2005 2:00:00 PM
<b>RESIDUE, SUSPENDED (TSS)</b>			<b>EPA 160.2</b>		
Residue, Suspended (TSS)	ND		5.0 mg/L	1	4/8/2005

**Qualifiers:** B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit

E Value above quantitation range  
J Analyte detected below quantitation limits  
S Spike Recovery outside accepted recovery limits



Client: <i>OGINA</i>						Analysis/Method									
Project: <i>Accurate Die Cast</i>						<i>TSS/TDS</i>	<i>VOC's 8260</i>	<i>VOC's 8021</i>	<i>2N + Hg 245</i>						
Sampled by: <i>Richard McLaughlin</i>															
Client Contact: <i>Al Farrell</i> Phone # <i>2316</i>															
<b>Sample Description</b>															
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers										Comments
<i>WTP Effluent</i>	<i>4/7/05</i>	<i>10:00</i>	<i>Water</i>	<i>Comp</i>	<i>1</i>	<i>1</i>									
<i>"</i>	<i>4/7/05</i>	<i> </i>	<i> </i>	<i>Comp</i>	<i>1</i>										
<i>Influent</i>	<i>4/7/05</i>	<i> </i>	<i> </i>	<i>Comp</i>	<i>1</i>										
<i>Effluent</i>	<i>4/7/05</i>	<i> </i>	<i> </i>	<i>Grab</i>	<i>3</i>		<i>3</i>								
<i>In-Between</i>	<i>4/7/05</i>	<i> </i>	<i> </i>	<i>Grab</i>	<i>3</i>			<i>3</i>							
<i>Influent</i>	<i>4/7/05</i>	<i> </i>	<i> </i>	<i>Grab</i>	<i>3</i>			<i>3</i>							
Relinquished by: <i>Richard McLaughlin</i> Date: <i>4/7/05</i> Time: <i>12:00</i>						Received by: _____ Date: _____ Time: _____									
Relinquished by: _____ Date: _____ Time: _____						Received by: _____ Date: _____ Time: _____									
Relinquished by: _____ Date: _____ Time: _____						Received by Lab: <i>Omack</i> Date: <i>4/7/05</i> Time: <i>1200</i>									
Shipment Method: <i>Hand</i>						Airbill Number: _____									

Turnaround Time Required:  
 Routine              
 Rush (Specify)             
 Cooler Temperature: *50°C lead*

Comments:

O'Brien & Gere Laboratories, Inc.

Sample Receipt Checklist

Client Name **OGINA**

Date and Time Receive

**4/7/05**

Work Order Number **0504037**

Received by **srm**

Checklist completed by

*Mack*  
Signature

Date

Reviewed by

Initials

Date

Matrix:

Carrier name:

- 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 Present
- 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? No VOA vials submitted  Yes  No
- Water - pH acceptable upon receipt? Yes  No

Adjusted?

Checked by

Any No and/or NA (not applicable) response must be detailed in the comments section be

Client contacted

Date contacted:

Person contacted

Contacted by:

Regarding:

Comments:

Corrective Action



**O'Brien & Gere Laboratories, Inc.**

5000 Brittonfield Parkway  
East Syracuse, NY 13057

(315) 437-6100

Friday, April 29, 2005

Al Farrell  
O'Brien & Gere Engineers, Inc.  
5000 Brittonfield Parkway  
PO Box 4873  
Syracuse, NY 13221-4873

TEL: 315-437-6100

RE: Analytical Results

Order No.: 0504080

Dear Al Farrell:

O'Brien & Gere Laboratories, Inc. received 1 sample(s) on 4/14/2005 for the analyses presented in the following report.

Very truly yours,  
O'BRIEN & GERE LABORATORIES, INC.

Monika Santucci  
Project Supervisor



**O'Brien & Gere Laboratories, Inc.**  
 5000 Brittonfield Parkway  
 East Syracuse, NY 13057 (315) 437-6100

# Analytical Results

StateCertNo: 10155

**CLIENT:** O'Brien & Gere Engineers, Inc.  
**Project:** Former Accurate Die Cast  
**W Order:** 0504080  
**Matrix:** WATER

**Lab ID:** 0504080-001A  
**Client Sample ID:** WTP Eff-4/14  
**Collection Date:** 4/14/2005 10:00:00 AM  
**Date Received:** 4/14/2005

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
<b>TOTAL DISSOLVED SOLIDS</b>			<b>EPA 160.1</b>		
Total Dissolved Solids (Residue, Filterable)	560		10 mg/L	1	4/14/2005 2:00:00 PM
<b>RESIDUE, SUSPENDED (TSS)</b>			<b>EPA 160.2</b>		
Residue, Suspended (TSS)	ND		5.0 mg/L	1	4/19/2005

**Qualifiers:** B Analyte detected in the associated Method Blank E Value above quantitation range  
 H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits  
 ND Not Detected at the Reporting Limit S Spike Recovery outside accepted recovery limits

Client: <i>OG/INA</i>						Analysis/Method						
Project: <i>Accurate Die Cast</i>						TSS/TDS						
Sampled by: <i>Richard M. Laughlin</i>												
Client Contact: <i>Al Farnell</i> Phone # <i>2316</i>												
<b>Sample Description</b>												
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers							Comments
<i>WTP Effluent</i>	<i>4/14/05</i>	<i>10:00</i>	<i>Water Comp</i>		<i>1</i>							
Relinquished by: <i>Richard M. Laughlin</i>			Date: <i>4/14/05</i> Time: <i>12:05</i>			Received by:			Date:		Time:	
Relinquished by:			Date:			Time:			Received by:		Date:	
Relinquished by:			Date:			Time:			Received by Lab: <i>D. Mack</i>		Date: <i>4/14/05</i> Time: <i>12:05</i>	
Shipment Method: <i>Hand</i>						Airbill Number:						

Turnaround Time Required:  
 Routine    
 Rush (Specify) \_\_\_\_\_  
 Cooler Temperature: *4°C Iced*

Comments:



**O'Brien & Gere Laboratories, Inc.**

5000 Brittonfield Parkway  
East Syracuse, NY 13057

(315) 437-6100

Friday, April 29, 2005

Al Farrell  
O'Brien & Gere Engineers, Inc.  
5000 Brittonfield Parkway  
PO Box 4873  
Syracuse, NY 13221-4873

TEL: 315-437-6100

RE: Analytical Results

Order No.: 0504124

Dear Al Farrell:

O'Brien & Gere Laboratories, Inc. received 2 sample(s) on 4/21/2005 for the analyses presented in the following report.

Very truly yours,  
O'BRIEN & GERE LABORATORIES, INC.

Monika Santucci  
Project Supervisor



# O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

# Analytical Results

StateCertNo: 10155

**CLIENT:** O'Brien & Gere Inc. of North America  
**Project:** Former Accurate Die Cast  
**W Order:** 0504124  
**Matrix:** WATER  
**Inst. ID:** MS01 11      **Sample Size:** 10 mL  
**ColumnID:** Rtx-VMS      **%Moisture:**  
**Revision:** 4/29/05 10:59:08 AM      **TestCode:** 8260W

**Lab ID:** 0504124-002A  
**Client Sample ID:** Effluent-Grab  
**Collection Date:** 4/21/05  
**Date Received:** 4/21/05  
**PrepDate:**  
**BatchNo:** R851  
**FileID:** T8091.D

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
<b>VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>						
			<b>SW8260B</b>			
1,1,2,2-Tetrachloroethane	ND		0.50	µg/L	1	4/27/05 11:09:00 PM
cis-1,2-Dichloroethene	ND		0.50	µg/L	1	4/27/05 11:09:00 PM
Methylene chloride	ND		2.0	µg/L	1	4/27/05 11:09:00 PM
Tetrachloroethene	ND		0.50	µg/L	1	4/27/05 11:09:00 PM
Toluene	ND		0.50	µg/L	1	4/27/05 11:09:00 PM
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	4/27/05 11:09:00 PM
Trichloroethene	ND		0.50	µg/L	1	4/27/05 11:09:00 PM
Surr: 1,2-Dichloroethane-d4	97.1		75-134	%REC	1	4/27/05 11:09:00 PM
Surr: 4-Bromofluorobenzene	93.6		75-125	%REC	1	4/27/05 11:09:00 PM
Surr: Dibromofluoromethane	101		75-127	%REC	1	4/27/05 11:09:00 PM
Surr: Toluene-d8	102		75-125	%REC	1	4/27/05 11:09:00 PM

**Qualifiers:**    B Analyte detected in the associated Method Blank      E Value above quantitation range  
                       H Holding times for preparation or analysis exceeded      J Analyte detected below quantitation limits  
                       ND Not Detected at the Reporting Limit                      S Spike Recovery outside accepted recovery limits



**O'Brien & Gere Laboratories, Inc.**  
 5000 Brittonfield Parkway  
 East Syracuse, NY 13057 (315) 437-6100

# Analytical Results

StateCertNo: 10155

**CLIENT:** O'Brien & Gere Engineers, Inc.  
**Project:** Former Accurate Die Cast  
**W Order:** 0504124  
**Matrix:** WATER

**Lab ID:** 0504124-001A  
**Client Sample ID:** Effluent-Comp  
**Collection Date:** 4/21/2005  
**Date Received:** 4/21/2005

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
<b>TOTAL DISSOLVED SOLIDS</b>			<b>EPA 160.1</b>		
Total Dissolved Solids (Residue, Filterable)	550		10 mg/L	1	4/25/2005
<b>RESIDUE, SUSPENDED (TSS)</b>			<b>EPA 160.2</b>		
Residue, Suspended (TSS)	ND		5.0 mg/L	1	4/25/2005

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 ND Not Detected at the Reporting Limit  
 E Value above quantitation range  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits



Client: <u>OGINA</u>						Analysis/Method									
Project: <u>Former Accurate Die Cast</u>						TSS/TDS VOC's #260	1	3							124
Sampled by: <u>Richard McLaughlin</u>															
Client Contact: <u>Al Farrell</u> Phone # <u>2316</u>															
Sample Description															
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers										
<u>Effluent</u>	<u>4/21/05</u>	<u>10:00</u>	<u>WATER</u>	<u>Comp</u>	<u>1</u>										
<u>Effluent</u>	<u>4/21/05</u>	<u>10:00</u>	<u>WATER</u>	<u>Grab</u>	<u>3</u>										
Relinquished by: <u>[Signature]</u> Date: <u>4/21/05</u> Time: <u>11:20</u>						Received by: _____ Date: _____ Time: _____									
Relinquished by: _____ Date: _____ Time: _____						Received by: _____ Date: _____ Time: _____									
Relinquished by: _____ Date: _____ Time: _____						Received by Lab: <u>[Signature]</u> Date: <u>4/21/05</u> Time: <u>11:20</u>									
Shipment Method: <u>HAND</u>						Airbill Number: _____									

Turnaround Time Required:  Routine  Rush (Specify) \_\_\_\_\_  
 Cooler Temperature: 8° c iced

Comments:



**O'Brien & Gere Laboratories, Inc.**

5000 Brittonfield Parkway  
East Syracuse, NY 13057

(315) 437-6100

Wednesday, May 04, 2005

Al Farrell  
O'Brien & Gere Engineers, Inc.  
5000 Brittonfield Parkway  
PO Box 4873  
Syracuse, NY 13221-4873

TEL: 315-437-6100

RE: Analytical Results

Order No.: 0504159

Dear Al Farrell:

O'Brien & Gere Laboratories, Inc. received 1 sample(s) on 4/28/2005 for the analyses presented in the following report.

Very truly yours,  
O'BRIEN & GERE LABORATORIES, INC.

Monika Santucci  
Project Supervisor



**O'Brien & Gere Laboratories, Inc.**  
 5000 Brittonfield Parkway  
 East Syracuse, NY 13057 (315) 437-6100

# Analytical Results

StateCertNo: 10155

<b>CLIENT:</b> O'Brien & Gere Inc. of North America	<b>Lab ID:</b> 0504159-001A
<b>Project:</b> Former Accurate DieCast	<b>Client Sample ID:</b> Effluent
<b>W Order:</b> 0504159	<b>Collection Date:</b> 4/28/2005 10:30:00 AM
<b>Matrix:</b> WATER	<b>Date Received:</b> 4/28/2005

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
<b>TOTAL DISSOLVED SOLIDS</b>			<b>EPA 160.1</b>		
Total Dissolved Solids (Residue, Filterable)	580		10 mg/L	1	4/29/2005
<b>RESIDUE, SUSPENDED (TSS)</b>			<b>EPA 160.2</b>		
Residue, Suspended (TSS)	ND		5.0 mg/L	1	4/29/2005

<b>Qualifiers:</b>	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	S Spike Recovery outside accepted recovery limits

Client: <i>OG/INA</i>						Analysis/Method							
Project: <i>Former Accurate Die Cast</i>						<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TSS/TDS</div> <div style="font-size: 2em;">159</div> </div>							
Sampled by: <i>Richard M<sup>e</sup> Laughlin</i>													
Client Contact: <i>Al Farrell</i> Phone # <i>2316</i>													
Sample Description													
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	Comments							
<i>Effluent</i>	<i>4/28/05</i>	<i>10:30</i>	<i>WASTA</i>	<i>Comp</i>	<i>1</i>								
Relinquished by: <i>Richard M<sup>e</sup> Laughlin</i>				Date: <i>4/28/05</i> Time: <i>11:40</i>		Received by:				Date: _____ Time: _____			
Relinquished by:				Date: _____ Time: _____		Received by:				Date: _____ Time: _____			
Relinquished by:				Date: _____ Time: _____		Received by Lab: <i>OMACK</i>				Date: <i>4/28/05</i> Time: <i>1140</i>			
Shipment Method: <i>Hand</i>						Airbill Number:							

Turnaround Time Required:  
 Routine   
 Rush (Specify) \_\_\_\_\_

Comments:

Cooler Temperature: *5°Ciced*



**O'Brien & Gere Laboratories, Inc.**

5000 Brittonfield Parkway  
East Syracuse, NY 13057

(315) 437-6100

Monday, May 16, 2005

Al Farrell  
O'Brien & Gere Engineers, Inc.  
5000 Brittonfield Parkway  
PO Box 4873  
Syracuse, NY 13221-4873

TEL: 315-437-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results

Order No.: 0505027

Dear Al Farrell:

O'Brien & Gere Laboratories, Inc. received 3 sample(s) on 5/5/05 for the analyses presented in the following report.

Very truly yours,  
O'BRIEN & GERE LABORATORIES, INC.

Monika Santucci  
Project Supervisor



# O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

# Analytical Results

StateCertNo: 10155

<b>CLIENT:</b> O'Brien & Gere Engineers, Inc.	<b>Lab ID:</b> 0505027-002A
<b>Project:</b> Former Accurate Die Cast	<b>Client Sample ID:</b> WTP Effluent
<b>W Order:</b> 0505027	<b>Collection Date:</b> 5/5/2005
<b>Matrix:</b> WATER	<b>Date Received:</b> 5/5/2005 10:40:00 AM
<b>Inst. ID:</b> MS01_11	<b>Sample Size:</b> 10 mL
<b>ColumnID:</b> Rtx-VMS	<b>%Moisture:</b>
<b>Revision:</b> 5/16/2005 2:01:51 PM	<b>TestCode:</b> 8260W
	<b>PrepDate:</b>
	<b>BatchNo:</b> R1068
	<b>FileID:</b> T8392.D

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
<b>VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>						
<b>SW8260B</b>						
1,1,2,2-Tetrachloroethane	ND		0.50	µg/L	1	5/12/2005 9:06:00 PM
cis-1,2-Dichloroethene	ND		0.50	µg/L	1	5/12/2005 9:06:00 PM
Methylene chloride	ND		2.0	µg/L	1	5/12/2005 9:06:00 PM
Tetrachloroethene	ND		0.50	µg/L	1	5/12/2005 9:06:00 PM
Toluene	ND		0.50	µg/L	1	5/12/2005 9:06:00 PM
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	5/12/2005 9:06:00 PM
Trichloroethene	ND		0.50	µg/L	1	5/12/2005 9:06:00 PM
Surr: 1,2-Dichloroethane-d4	108		75-134	%REC	1	5/12/2005 9:06:00 PM
Surr: 4-Bromofluorobenzene	84.1		75-125	%REC	1	5/12/2005 9:06:00 PM
Surr: Dibromofluoromethane	103		75-127	%REC	1	5/12/2005 9:06:00 PM
Surr: Toluene-d8	102		75-125	%REC	1	5/12/2005 9:06:00 PM

<b>Qualifiers:</b>	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	S Spike Recovery outside accepted recovery limits



# O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway

East Syracuse, NY 13057 (315) 437-6100

# Analytical Results

StateCertNo: 10155

<b>CLIENT:</b> O'Brien & Gere Engineers, Inc.	<b>Lab ID:</b> 0505027-003A
<b>Project:</b> Former Accurate Die Cast	<b>Client Sample ID:</b> WTP In-Between
<b>W Order:</b> 0505027	<b>Collection Date:</b> 5/5/2005
<b>Matrix:</b> WATER	<b>Date Received:</b> 5/5/2005 10:40:00 AM
<b>Inst. ID:</b> MS01_11	<b>Sample Size:</b> 10 mL
<b>ColumnID:</b> Rtx-VMS	<b>%Moisture:</b>
<b>Revision:</b> 5/16/2005 2:01:51 PM	<b>TestCode:</b> 8260W
	<b>PrepDate:</b>
	<b>BatchNo:</b> R1068
	<b>FileID:</b> T8393.D

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
<b>VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>						
<b>SW8260B</b>						
1,1,2,2-Tetrachloroethane	ND		0.50	µg/L	1	5/12/2005 9:38:00 PM
cis-1,2-Dichloroethene	ND		0.50	µg/L	1	5/12/2005 9:38:00 PM
Methylene chloride	ND		2.0	µg/L	1	5/12/2005 9:38:00 PM
Tetrachloroethene	ND		0.50	µg/L	1	5/12/2005 9:38:00 PM
Toluene	ND		0.50	µg/L	1	5/12/2005 9:38:00 PM
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	5/12/2005 9:38:00 PM
Trichloroethene	ND		0.50	µg/L	1	5/12/2005 9:38:00 PM
Surr: 1,2-Dichloroethane-d4	106		75-134	%REC	1	5/12/2005 9:38:00 PM
Surr: 4-Bromofluorobenzene	85.3		75-125	%REC	1	5/12/2005 9:38:00 PM
Surr: Dibromofluoromethane	102		75-127	%REC	1	5/12/2005 9:38:00 PM
Surr: Toluene-d8	102		75-125	%REC	1	5/12/2005 9:38:00 PM

<b>Qualifiers:</b>	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	S Spike Recovery outside accepted recovery limits



**O'Brien & Gere Laboratories, Inc.**  
 5000 Brittonfield Parkway  
 East Syracuse, NY 13057 (315) 437-6100

# Analytical Results

StateCertNo: 10155

**CLIENT:** O'Brien & Gere Engineers, Inc.  
**Project:** Former Accurate Die Cast  
**W Order:** 0505027  
**Matrix:** WATER

**Lab ID:** 0505027-001A  
**Client Sample ID:** WTP Effluent-COMP  
**Collection Date:** 5/5/2005  
**Date Received:** 5/5/2005 10:40:00 AM

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
<b>TOTAL DISSOLVED SOLIDS</b>					
Total Dissolved Solids (Residue, Filterable)	580		EPA 160.1 10 mg/L	1	5/6/2005
<b>RESIDUE, SUSPENDED (TSS)</b>					
Residue, Suspended (TSS)	ND		EPA 160.2 5.0 mg/L	1	5/5/2005

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 ND Not Detected at the Reporting Limit  
 E Value above quantitation range  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits



Client: <i>OGINA</i>						Analysis/Method											
Project: <i>Former Accurate Die Cast</i>						<i>TSS/TDS</i>	<i>Voc's 8260</i>	<i>Voc's 8021</i>									
Sampled by: <i>Richard McLaughlin</i>																	
Client Contact: <i>Al Farnell</i> Phone # <i>2316</i>																	
<b>Sample Description</b>																	
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers											Comments	
<i>WTP Effluent</i>	<i>5/5/05</i>	<i>10:00</i>	<i>Water</i>	<i>Comp</i>	<i>1</i>												
<i>WTP Effluent</i>	<i>5/5/05</i>	<i>10:00</i>	<i>Water</i>	<i>Grab</i>	<i>3</i>		<i>3</i>										
<i>WTP In-Between</i>	<i>5/5/05</i>	<i>10:00</i>	<i>Water</i>	<i>Grab</i>	<i>3</i>			<i>3</i>									
Relinquished by: <i>Richard McLaughlin</i>			Date: <i>5/5/05</i> Time: <i>10:40</i>			Received by:			Date:			Time:					
Relinquished by:			Date:			Time:			Received by:			Date:			Time:		
Relinquished by:			Date:			Time:			Received by Lab: <i>D. Mark</i>			Date: <i>5/5/05</i> Time: <i>10:40</i>					
Shipment Method: <i>Hand</i>						Airbill Number:											

Turnaround Time Required:  Routine  
 Rush (Specify) \_\_\_\_\_  
 Cooler Temperature: *90C iced*

Comments:



**O'Brien & Gere Laboratories, Inc.**

5000 Brittonfield Parkway  
East Syracuse, NY 13057

(315) 437-6100

Thursday, May 26, 2005

Al Farrell  
O'Brien & Gere Engineers, Inc.  
5000 Brittonfield Parkway  
PO Box 4873  
Syracuse, NY 13221-4873

TEL: 315-437-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results

Order No.: 0505074

Dear Al Farrell:

O'Brien & Gere Laboratories, Inc. received 1 sample(s) on 5/13/2005 for the analyses presented in the following report.

Very truly yours,  
O'BRIEN & GERE LABORATORIES, INC.

Monika Santucci  
Project Supervisor



**O'Brien & Gere Laboratories, Inc.**  
 5000 Brittonfield Parkway  
 East Syracuse, NY 13057 (315) 437-6100

# Analytical Results

StateCertNo: 10155

**CLIENT:** O'Brien & Gere Engineers, Inc.  
**Project:** Former Accurate Die Cast  
**W Order:** 0505074  
**Matrix:** WATER

**Lab ID:** 0505074-001A  
**Client Sample ID:** WTP Effluent  
**Collection Date:** 5/13/2005  
**Date Received:** 5/13/2005 11:57:00 AM

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
<b>TOTAL DISSOLVED SOLIDS</b>			<b>EPA 160.1</b>		
Total Dissolved Solids (Residue, Filterable)	540		10 mg/L	1	5/17/2005
<b>RESIDUE, SUSPENDED (TSS)</b>			<b>EPA 160.2</b>		
Residue, Suspended (TSS)	ND		5.0 mg/L	1	5/16/2005

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 ND Not Detected at the Reporting Limit  
 E Value above quantitation range  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits

Client: <i>OGINA</i>						Analysis/Method					
Project: <i>Former Accurate DieCast</i>						<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-size: 2em; font-weight: bold;">TSU/TPS</div> <div style="font-size: 3em; font-weight: bold;">5074</div> </div>					
Sampled by: <i>Richard M. Laughlin</i>											
Client Contact: <i>Al Farrell</i> Phone # <i>2316</i>											
<b>Sample Description</b>											
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	Comments					
<i>WTP Effluent</i>	<i>5/12/05</i>	<i>10:00</i>	<i>Water</i>	<i>Comp</i>	<i>1</i>						
Relinquished by: <i>Richard M. Laughlin</i>			Date: <i>5/13/05</i> Time: <i>11:55</i>			Received by: <i>M. F. Fugate</i>			Date: <i>5/13/05</i> Time: <i>11:57am</i>		
Relinquished by:			Date: Time:			Received by:			Date: Time:		
Relinquished by:			Date: Time:			Received by Lab:			Date: Time:		
Shipment Method: <i>Hand</i>						Airbill Number:					

Turnaround Time Required:  Routine  Rush (Specify) \_\_\_\_\_

Comments:

Cooler Temperature: *8.2°C well-iced*



**O'Brien & Gere Laboratories, Inc.**

5000 Brittonfield Parkway  
East Syracuse, NY 13057

(315) 437-6100

Thursday, June 02, 2005

Al Farrell  
O'Brien & Gere Engineers, Inc.  
5000 Brittonfield Parkway  
PO Box 4873  
Syracuse, NY 13221-4873

TEL: 315-437-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results

Order No.: 0505116

Dear Al Farrell:

O'Brien & Gere Laboratories, Inc. received 1 sample(s) on 5/19/2005 for the analyses presented in the following report.

Very truly yours,  
O'BRIEN & GERE LABORATORIES, INC.

A handwritten signature in cursive script that reads "Monika Santucci".

Monika Santucci  
Project Supervisor



# O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

# Analytical Results

StateCertNo: 10155

**CLIENT:** O'Brien & Gere Engineers, Inc.

**Project:** Former Accurate Die Cast

**W Order:** 0505116

**Matrix:** WATER

**Inst. ID:** MS02 12

**ColumnID:** Rtx-502:2

**Revision:** 6/2/05 1:20:00 PM

**Sample Size:** 25 mL

**%Moisture:**

**TestCode:** 8260W

**Lab ID:** 0505116-001B

**Client Sample ID:** Effluent

**Collection Date:** 5/19/05 12:00:00 PM

**Date Received:** 5/19/05 2:10:00 PM

**PrepDate:**

**BatchNo:** R1298

**FileID:** M7479.D

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
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### VOLATILE ORGANIC COMPOUNDS BY GC/MS

SW8260B

1,1,2,2-Tetrachloroethane	ND		0.50	µg/L	1	6/1/05 9:15:00 PM
cis-1,2-Dichloroethene	ND		0.50	µg/L	1	6/1/05 9:15:00 PM
Methylene chloride	ND		2.0	µg/L	1	6/1/05 9:15:00 PM
Tetrachloroethene	ND		0.50	µg/L	1	6/1/05 9:15:00 PM
Toluene	ND		0.50	µg/L	1	6/1/05 9:15:00 PM
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	6/1/05 9:15:00 PM
Trichloroethene	ND		0.50	µg/L	1	6/1/05 9:15:00 PM
Surr: 1,2-Dichloroethane-d4	120		75-134	%REC	1	6/1/05 9:15:00 PM
Surr: 4-Bromofluorobenzene	95.8		75-125	%REC	1	6/1/05 9:15:00 PM
Surr: Dibromofluoromethane	112		75-127	%REC	1	6/1/05 9:15:00 PM
Surr: Toluene-d8	97.3		75-125	%REC	1	6/1/05 9:15:00 PM

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits



**O'Brien & Gere Laboratories, Inc.**  
 5000 Brittonfield Parkway  
 East Syracuse, NY 13057 (315) 437-6100

# Analytical Results

StateCertNo: 10155

<b>CLIENT:</b> O'Brien & Gere Engineers, Inc.	<b>Lab ID:</b> 0505116-001A
<b>Project:</b> Former Accurate Die Cast	<b>Client Sample ID:</b> Effluent
<b>W Order:</b> 0505116	<b>Collection Date:</b> 5/19/2005 12:00:00 PM
<b>Matrix:</b> WATER	<b>Date Received:</b> 5/19/2005 2:10:00 PM

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
<b>TOTAL DISSOLVED SOLIDS</b>			<b>EPA 160.1</b>		
Total Dissolved Solids (Residue, Filterable)	560		10 mg/L	1	5/23/2005
<b>RESIDUE, SUSPENDED (TSS)</b>			<b>EPA 160.2</b>		
Residue, Suspended (TSS)	ND		5.0 mg/L	1	5/23/2005

**Qualifiers:**

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Prim./Conf. column %D or RPD exceeds limit
S	Spike Recovery outside accepted recovery limits		

Client: <i>OGINA</i>						Analysis/Method											
Project: <i>ACCURATE DIE CAST</i>						<i>TSS/TDS</i> <i>VOC's 8260</i>											
Sampled by: <i>Richard McLaughlin</i>																	
Client Contact: <i>Al Farrell</i> Phone # <i>2316</i>																	
Sample Description																	
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers											Comments	
<i>Effluent</i>	<i>5/19/05</i>	<i>12:00</i>	<i>WATER</i>	<i>Comp</i>	<i>1</i>	<i>1</i>											
<i>Effluent</i>	<i>5/19/05</i>	<i>12:00</i>	<i>WATER</i>	<i>Grab</i>	<i>3</i>		<i>3</i>										
Relinquished by: <i>[Signature]</i> Date: <i>5/19/05</i> Time: <i>14:10</i>						Received by: _____ Date: _____ Time: _____											
Relinquished by: _____ Date: _____ Time: _____						Received by: _____ Date: _____ Time: _____											
Relinquished by: _____ Date: _____ Time: _____						Received by Lab: <i>[Signature]</i> Date: <i>5/19/05</i> Time: <i>14:10</i>											
Shipment Method: <i>Hand</i>						Airbill Number: _____											

Turnaround Time Required:  
 Routine   
 Rush (Specify) \_\_\_\_\_

Comments:

Cooler Temperature: *6°C (well ice)*

Original - Laboratory  
 Copy - Client





**O'Brien & Gere Laboratories, Inc.**

5000 Brittonfield Parkway  
East Syracuse, NY 13057

(315) 437-6100

Thursday, June 09, 2005

Al Farrell  
O'Brien & Gere Engineers, Inc.  
5000 Brittonfield Parkway  
PO Box 4873  
Syracuse, NY 13221-4873

TEL: 315-437-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results

Order No.: 0505163

Dear Al Farrell:

O'Brien & Gere Laboratories, Inc. received 1 sample(s) on 5/25/2005 for the analyses presented in the following report.

Very truly yours,  
O'BRIEN & GERE LABORATORIES, INC.

Monika Santucci  
Project Supervisor



**O'Brien & Gere Laboratories, Inc.**  
 5000 Brittonfield Parkway  
 East Syracuse, NY 13057 (315) 437-6100

# Analytical Results

StateCertNo: 10155

<b>CLIENT:</b> O'Brien & Gere Engineers, Inc.	<b>Lab ID:</b> 0505163-001A
<b>Project:</b> Former Accurate Die Cast	<b>Client Sample ID:</b> WTP Effluent
<b>W Order:</b> 0505163	<b>Collection Date:</b> 5/25/2005
<b>Matrix:</b> WATER	<b>Date Received:</b> 5/25/2005 1:40:00 PM

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
<b>TOTAL DISSOLVED SOLIDS</b>			<b>EPA 160.1</b>		
Total Dissolved Solids (Residue, Filterable)	590		10 mg/L	1	5/31/2005
<b>RESIDUE, SUSPENDED (TSS)</b>			<b>EPA 160.2</b>		
Residue, Suspended (TSS)	ND		5.0 mg/L	1	5/27/2005

**Qualifiers:**

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Prim./Conf. column %D or RPD exceeds limit
S	Spike Recovery outside accepted recovery limits		

Client: <u>OGIWA</u>						Analysis/Method					
Project: <u>Former Accurate Die Cast</u>						<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TSS/TDS</div> <div style="font-size: 2em;">163</div> </div>					
Sampled by: <u>Richard McLaughlin</u>											
Client Contact: <u>Al Farrell</u> Phone # <u>2316</u>											
<b>Sample Description</b>											
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	Comments					
<u>WTP Effluent</u>	<u>5/25/05</u>	<u>12:00</u>	<u>WASTA Comp</u>		<u>1</u>						
Relinquished by: <u>[Signature]</u>			Date: <u>5/25/05</u> Time: <u>13:40</u>			Received by:			Date: _____ Time: _____		
Relinquished by:			Date: _____ Time: _____			Received by:			Date: _____ Time: _____		
Relinquished by:			Date: _____ Time: _____			Received by Lab: <u>Mack</u>			Date: <u>5/25/05</u> Time: <u>1340</u>		
Shipment Method: <u>Hand</u>						Airbill Number:					

Turnaround Time Required:  Routine  
 Rush (Specify) \_\_\_\_\_  
 Cooler Temperature: 5°C Iced

Comments:



**O'Brien & Gere Laboratories, Inc.**

5000 Brittonfield Parkway  
East Syracuse, NY 13057

(315) 437-6100

Monday, June 20, 2005

Al Farrell  
O'Brien & Gere Engineers, Inc.  
5000 Brittonfield Parkway  
PO Box 4873  
Syracuse, NY 13221-4873

TEL: 315-437-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results

Order No.: 0506011

Dear Al Farrell:

O'Brien & Gere Laboratories, Inc. received 3 sample(s) on 6/2/2005 for the analyses presented in the following report.

Very truly yours,  
O'BRIEN & GERE LABORATORIES, INC.

Monika Santucci  
Project Supervisor



# O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

# Analytical Results

StateCertNo: 10155

**CLIENT:** O'Brien & Gere Engineers, Inc.

**Project:** Former Accurate Die Cast

**W Order:** 0506011

**Matrix:** WATER

**Inst. ID:** MS01\_11

**Sample Size:** 10 mL

**ColumnID:** Rtx-VMS

**%Moisture:**

**Revision:** 6/20/05 12:47:10 PM

**TestCode:** 8260W

**Lab ID:** 0506011-002A

**Client Sample ID:** EFFLUENT

**Collection Date:** 6/2/05

**Date Received:** 6/2/05 1:15:00 PM

**PrepDate:**

**BatchNo:** R1521

**FileID:** T8985.D

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
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### VOLATILE ORGANIC COMPOUNDS BY GC/MS

### SW8260B

1,1,2,2-Tetrachloroethane	ND		0.50	µg/L	1	6/16/05 9:59:00 AM
cis-1,2-Dichloroethene	ND		0.50	µg/L	1	6/16/05 9:59:00 AM
Methylene chloride	ND		2.0	µg/L	1	6/16/05 9:59:00 AM
Tetrachloroethene	ND		0.50	µg/L	1	6/16/05 9:59:00 AM
Toluene	ND		0.50	µg/L	1	6/16/05 9:59:00 AM
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	6/16/05 9:59:00 AM
Trichloroethene	ND		0.50	µg/L	1	6/16/05 9:59:00 AM
Surr: 1,2-Dichloroethane-d4	105		75-134	%REC	1	6/16/05 9:59:00 AM
Surr: 4-Bromofluorobenzene	90.7		75-125	%REC	1	6/16/05 9:59:00 AM
Surr: Dibromofluoromethane	105		75-127	%REC	1	6/16/05 9:59:00 AM
Surr: Toluene-d8	103		75-125	%REC	1	6/16/05 9:59:00 AM

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits

- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Prim./Conf. column %D or RPD exceeds limit



# O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway  
East Syracuse, NY 13057

(315) 437-6100

# Analytical Results

StateCertNo: 10155

<b>CLIENT:</b> O'Brien & Gere Engineers, Inc.	<b>Lab ID:</b> 0506011-003A
<b>Project:</b> Former Accurate Die Cast	<b>Client Sample ID:</b> IN-BETWEEN
<b>W Order:</b> 0506011	<b>Collection Date:</b> 6/2/05
<b>Matrix:</b> WATER	<b>Date Received:</b> 6/2/05 1:15:00 PM
<b>Inst. ID:</b> MS01_11	<b>Sample Size:</b> 10 mL
<b>ColumnID:</b> Rtx-VMS	<b>%Moisture:</b>
<b>Revision:</b> 6/17/05 9:48:30 AM	<b>TestCode:</b> 8260W
	<b>PrepDate:</b>
	<b>BatchNo:</b> R1502
	<b>FileID:</b> T8971.D

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
<b>VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>		<b>SW8260B</b>				
1,1,2,2-Tetrachloroethane	ND		0.50	µg/L	1	6/15/05 4:51:00 PM
cis-1,2-Dichloroethene	ND		0.50	µg/L	1	6/15/05 4:51:00 PM
Methylene chloride	ND		2.0	µg/L	1	6/15/05 4:51:00 PM
Tetrachloroethene	ND		0.50	µg/L	1	6/15/05 4:51:00 PM
Toluene	ND		0.50	µg/L	1	6/15/05 4:51:00 PM
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	6/15/05 4:51:00 PM
Trichloroethene	ND		0.50	µg/L	1	6/15/05 4:51:00 PM
Surr: 1,2-Dichloroethane-d4	109		75-134	%REC	1	6/15/05 4:51:00 PM
Surr: 4-Bromofluorobenzene	86.8		75-125	%REC	1	6/15/05 4:51:00 PM
Surr: Dibromofluoromethane	106		75-127	%REC	1	6/15/05 4:51:00 PM
Surr: Toluene-d8	103		75-125	%REC	1	6/15/05 4:51:00 PM

<b>Qualifiers:</b>	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Prim./Conf. column %D or RPD exceeds limit
	S Spike Recovery outside accepted recovery limits	



**O'Brien & Gere Laboratories, Inc.**

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

**Analytical Results**

StateCertNo: 10155

**CLIENT:** O'Brien & Gere Engineers, Inc.

**Project:** Former Accurate Die Cast

**W Order:** 0506011

**Matrix:** WATER

**Lab ID:** 0506011-001A

**Client Sample ID:** EFFLUENT

**Collection Date:** 6/2/2005

**Date Received:** 6/2/2005 1:15:00 PM

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
<b>TOTAL DISSOLVED SOLIDS</b>			<b>EPA 160.1</b>		
Total Dissolved Solids (Residue, Filterable)	660		10 mg/L	1	6/3/2005
<b>RESIDUE, SUSPENDED (TSS)</b>			<b>EPA 160.2</b>		
Residue, Suspended (TSS)	ND		5.0 mg/L	1	6/7/2005

- Qualifiers:**
- B Analyte detected in the associated Method Blank
  - H Holding times for preparation or analysis exceeded
  - ND Not Detected at the Reporting Limit
  - S Spike Recovery outside accepted recovery limits
  - E Value above quantitation range
  - J Analyte detected below quantitation limits
  - P Prim./Conf. column %D or RPD exceeds limit

MV  
 mol

Client: <u>OGINA</u>						Analysis/Method						
Project: <u>Former Accurate Die Cast</u>						<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TSS/TDS</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">VOCs 8260</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">VOCs 8021</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">/</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">/</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">/</div> </div>						
Sampled by: <u>Richard McLaughlin</u>												
Client Contact: <u>Al Farrell</u> Phone # <u>2316</u>												
Sample Description												
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers							Comments
<u>Effluent</u>	<u>6/2/05</u>	<u>12:00</u>	<u>Water</u>	<u>Comp</u>	<u>1</u>	<u>1</u>						
<u>Effluent</u>	<u>6/2/05</u>	<u>12:00</u>	<u>Water</u>	<u>Grab</u>	<u>3</u>		<u>3</u>					
<u>In-Between</u>	<u>6/2/05</u>	<u>12:00</u>	<u>Water</u>	<u>Grab</u>	<u>2</u>			<u>2</u>				
Relinquished by: <u>Richard McLaughlin</u>			Date: <u>6/2/05</u> Time: <u>13:15</u>			Received by:			Date: _____ Time: _____			
Relinquished by:			Date: _____ Time: _____			Received by:			Date: _____ Time: _____			
Relinquished by:			Date: _____ Time: _____			Received by Lab: <u>OT Mack</u>			Date: <u>6/2/05</u> Time: <u>1315</u>			
Shipment Method: <u>Hand</u>						Airbill Number:						

Turnaround Time Required: ✓  
 Routine \_\_\_\_\_  
 Rush (Specify) \_\_\_\_\_

Comments:

Cooler Temperature: 70C iced





**O'Brien & Gere Laboratories, Inc.**

5000 Brittonfield Parkway  
East Syracuse, NY 13057

(315) 437-6100

Monday, June 27, 2005

Al Farrell  
O'Brien & Gere Engineers, Inc.  
5000 Brittonfield Parkway  
PO Box 4873  
Syracuse, NY 13221-4873

TEL: 315-437-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results

Order No.: 0506065

Dear Al Farrell:

O'Brien & Gere Laboratories, Inc. received 1 sample(s) on 6/10/2005 for the analyses presented in the following report.

Very truly yours,  
O'BRIEN & GERE LABORATORIES, INC.

Monika Santucci  
Project Supervisor



# O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

# Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Engineers, Inc.

Project: Former Accurate Die Cast

W Order: 0506065

Matrix: WATER

Lab ID: 0506065-001A

Client Sample ID: Effluent

Collection Date: 6/10/2005

Date Received: 6/10/2005 1:55:00 PM

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
<b>TOTAL DISSOLVED SOLIDS</b>			<b>EPA 160.1</b>		
Total Dissolved Solids (Residue, Filterable)	730		10 mg/L	1	6/15/2005
<b>RESIDUE, SUSPENDED (TSS)</b>			<b>EPA 160.2</b>		
Residue, Suspended (TSS)	ND		5.0 mg/L	1	6/13/2005

- Qualifiers:
- B Analyte detected in the associated Method Blank
  - H Holding times for preparation or analysis exceeded
  - ND Not Detected at the Reporting Limit
  - S Spike Recovery outside accepted recovery limits
  - E Value above quantitation range
  - J Analyte detected below quantitation limits
  - P Prim./Conf. column %D or RPD exceeds limit

Client: <u>OBINA</u>						Analysis/Method <u>QES</u>							
Project: <u>Former Accurate Die</u>						TSS, TDS							
Sampled by: <u>MARTIN Koennecke</u>													
Client Contact: <u>AL FARRELL</u> Phone # <u>2316</u>													
Sample Description													
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers							Comments	
<u>EdLuvet</u>	<u>6-10-05</u>	<u>10:30</u>	<u>Water</u>	<u>Comp</u>	<u>1</u>	<u>1</u>							
Relinquished by: <u>Martin Koennecke</u>				Date: <u>6-10-05</u> Time: <u>13:55</u>		Received by:				Date:            Time:			
Relinquished by:				Date:            Time:		Received by:				Date:            Time:			
Relinquished by:				Date:            Time:		Received by Lab: <u>[Signature]</u>				Date: <u>6/10/05</u> Time: <u>1355</u>			
Shipment Method: <u>HAND</u>						Airbill Number:							

Turnaround Time Required:  
 Routine X  
 Rush (Specify) \_\_\_\_\_

Comments:

Cooler Temperature: 7°C iced



**O'Brien & Gere Laboratories, Inc.**

5000 Brittonfield Parkway  
East Syracuse, NY 13057

(315) 437-6100

Tuesday, July 05, 2005

Al Farrell  
O'Brien & Gere Engineers, Inc.  
5000 Brittonfield Parkway  
PO Box 4873  
Syracuse, NY 13221-4873

TEL: 315-437-6100

Project: FORMER ACCURATE DIE CAST  
RE: Analytical Results

Order No.: 0506090

Dear Al Farrell:

O'Brien & Gere Laboratories, Inc. received 2 sample(s) on 6/16/2005 for the analyses presented in the following report.

Very truly yours,  
O'BRIEN & GERE LABORATORIES, INC.

Monika Santucci  
Project Supervisor



# O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

# Analytical Results

StateCertNo: 10155

<b>CLIENT:</b> O'Brien & Gere Engineers, Inc.	<b>Lab ID:</b> 0506090-002A
<b>Project:</b> Former Accurate Die Cast	<b>Client Sample ID:</b> Effluent
<b>W Order:</b> 0506090	<b>Collection Date:</b> 6/16/05
<b>Matrix:</b> WATER	<b>Date Received:</b> 6/16/05 10:42:00 AM
<b>Inst. ID:</b> MS03 10	<b>Sample Size:</b> NA
<b>ColumnID:</b> Rtx-VMS	<b>%Moisture:</b>
<b>Revision:</b> 6/21/05 1:30:50 PM	<b>TestCode:</b> 8260W
	<b>PrepDate:</b>
	<b>BatchNo:</b> R1539
	<b>FileID:</b> M7716.D

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
<b>VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>				<b>SW8260B</b>		
1,1,2,2-Tetrachloroethane	ND		0.50	µg/L	1	6/20/05 7:32:00 PM
cis-1,2-Dichloroethene	ND		0.50	µg/L	1	6/20/05 7:32:00 PM
Methylene chloride	ND		2.0	µg/L	1	6/20/05 7:32:00 PM
Tetrachloroethene	ND		0.50	µg/L	1	6/20/05 7:32:00 PM
Toluene	ND		0.50	µg/L	1	6/20/05 7:32:00 PM
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	6/20/05 7:32:00 PM
Trichloroethene	ND		0.50	µg/L	1	6/20/05 7:32:00 PM
Surr: 1,2-Dichloroethane-d4	109		75-134	%REC	1	6/20/05 7:32:00 PM
Surr: 4-Bromofluorobenzene	84.1		75-125	%REC	1	6/20/05 7:32:00 PM
Surr: Dibromofluoromethane	103		75-127	%REC	1	6/20/05 7:32:00 PM
Surr: Toluene-d8	97.6		75-125	%REC	1	6/20/05 7:32:00 PM

<b>Qualifiers:</b>	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Prim./Conf. column %D or RPD exceeds limit
	S Spike Recovery outside accepted recovery limits	



**O'Brien & Gere Laboratories, Inc.**

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

**Analytical Results**

StateCertNo: 10155

CLIENT: O'Brien & Gere Engineers, Inc.

Project: Former Accurate Die Cast

W Order: 0506090

Matrix: WATER

Lab ID: 0506090-001A

Client Sample ID: Effluent

Collection Date: 6/16/2005

Date Received: 6/16/2005 10:42:00 AM

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
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**TOTAL DISSOLVED SOLIDS**

Total Dissolved Solids (Residue, Filterable)

680

**EPA 160.1**

10 mg/L

1

6/21/2005

**RESIDUE, SUSPENDED (TSS)**

Residue, Suspended (TSS)

ND

**EPA 160.2**

5.0 mg/L

1

6/16/2005

**Qualifiers:**

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits

- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Prim./Conf. column %D or RPD exceeds limit

Client: <u>OGINA</u>						Analysis/Method								
Project: <u>Former Accurate Die Cast</u>						TSS/TDS	VOCs 8260							090
Sampled by: <u>Richard McLaughlin</u>														
Client Contact: <u>Al Farrell</u> Phone # <u>2316</u>														
Sample Description														
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers									Comments
<u>WTP Effluent</u>	<u>6/16/05</u>	<u>10:00</u>	<u>Water</u>	<u>Comp</u>	<u>1</u>	<u>1</u>								
<u>WTP Effluent</u>	<u>6/16/05</u>	<u>10:00</u>	<u>Water</u>	<u>Grab</u>	<u>3</u>		<u>3</u>							
Relinquished by: <u>Al McLaughlin</u> Date: <u>6/16/05</u> Time: <u>10:42</u>						Received by: _____ Date: _____ Time: _____								
Relinquished by: _____ Date: _____ Time: _____						Received by: _____ Date: _____ Time: _____								
Relinquished by: _____ Date: _____ Time: _____						Received by Lab: <u>Tracy Stevens</u> Date: <u>6/16/05</u> Time: <u>10:42</u>								
Shipment Method: <u>HAND</u>						Airbill Number: _____								

Turnaround Time Required:  
 Routine   
 Rush (Specify) \_\_\_\_\_

Comments:

Cooler Temperature: 6°C iced



**O'Brien & Gere Laboratories, Inc.**

5000 Brittonfield Parkway  
East Syracuse, NY 13057

(315) 437-6100

Wednesday, July 06, 2005

Al Farrell  
O'Brien & Gere Engineers, Inc.  
5000 Brittonfield Parkway  
PO Box 4873  
Syracuse, NY 13221-4873

TEL: 315-437-6100

Project: FORMER ACCURATE DIE CAST  
RE: Analytical Results

Order No.: 0506128

Dear Al Farrell:

O'Brien & Gere Laboratories, Inc. received 1 sample(s) on 6/23/2005 for the analyses presented in the following report.

Very truly yours,  
O'BRIEN & GERE LABORATORIES, INC.

Monika Santucci  
Project Supervisor





**O'Brien & Gere Laboratories, Inc.**  
 5000 Brittonfield Parkway  
 East Syracuse, NY 13057 (315) 437-6100

# Analytical Results

StateCertNo: 10155

**CLIENT:** O'Brien & Gere Engineers, Inc.  
**Project:** Former Accurate Die Cast  
**W Order:** 0506128  
**Matrix:** WATER

**Lab ID:** 0506128-001A  
**Client Sample ID:** WTP Effluent-COMP  
**Collection Date:** 6/23/2005 10:00:00 AM  
**Date Received:** 6/23/2005 10:35:00 AM

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
<b>TOTAL DISSOLVED SOLIDS</b>			<b>EPA 160.1</b>		
Total Dissolved Solids (Residue, Filterable)	680		10 mg/L	1	6/23/2005
<b>RESIDUE, SUSPENDED (TSS)</b>			<b>EPA 160.2</b>		
Residue, Suspended (TSS)	ND		5.0 mg/L	1	6/23/2005

**Qualifiers:**

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Prim./Conf. column %D or RPD exceeds limit
S	Spike Recovery outside accepted recovery limits		

Client: <u>OGINA</u>						Analysis/Method: <u>128</u>									
Project: <u>Former Accurate Die Cast</u>						TSS/TDS									
Sampled by: <u>Richard McLaughlin</u>															
Client Contact: <u>Al Farrell</u> Phone # <u>2316</u>															
Sample Description															
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers							Comments			
<u>WTP Effluent</u>	<u>6/23/05</u>	<u>10:00</u>	<u>Water</u>	<u>Comp</u>	<u>1</u>	<u>1</u>									
Relinquished by: <u>[Signature]</u>				Date: <u>6/23/05</u> Time: <u>10:35</u>		Received by:				Date:		Time:			
Relinquished by:				Date:		Time:		Received by:				Date:		Time:	
Relinquished by:				Date:		Time:		Received by Lab: <u>Tracy Stone</u>				Date: <u>6/23/05</u>		Time: <u>10:35</u>	
Shipment Method: <u>Hand</u>						Airbill Number:									

Turnaround Time Required:  Routine  Rush (Specify) \_\_\_\_\_  
 Cooler Temperature: 8° iced

Comments:



**O'Brien & Gere Laboratories, Inc.**

5000 Brittonfield Parkway  
East Syracuse, NY 13057

(315) 437-6100

Wednesday, July 13, 2005

Al Farrell  
O'Brien & Gere Engineers, Inc.  
5000 Brittonfield Parkway  
PO Box 4873  
Syracuse, NY 13221-4873

TEL: 315-437-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results

Order No.: 0506162

Dear Al Farrell:

O'Brien & Gere Laboratories, Inc. received 1 sample(s) on 6/30/2005 for the analyses presented in the following report.

Very truly yours,  
O'BRIEN & GERE LABORATORIES, INC.

Monika Santucci  
Project Supervisor



# O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

# Analytical Results

StateCertNo: 10155

<b>CLIENT:</b> O'Brien & Gere Engineers, Inc.	<b>Lab ID:</b> 0506162-001A
<b>Project:</b> Former Accurate Die Cast	<b>Client Sample ID:</b> WTP Effluent-COMP
<b>W Order:</b> 0506162	<b>Collection Date:</b> 6/30/2005 9:00:00 AM
<b>Matrix:</b> WATER	<b>Date Received:</b> 6/30/2005 10:10:00 AM
<b>Inst. ID:</b> Mettler balance	<b>Sample Size:</b> NA
<b>ColumnID:</b>	<b>%Moisture:</b>
<b>Revision:</b> 7/13/2005 6:56:06 AM	<b>TestCode:</b> TDS160.1
	<b>PrepDate:</b>
	<b>BatchNo:</b> R1695
	<b>FileID:</b>

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
<b>TOTAL DISSOLVED SOLIDS</b>				<b>EPA 160.1</b>		
Total Dissolved Solids (Residue, Filterable)	580	10		mg/L	1	7/1/2005

<b>Qualifiers:</b>	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Prim./Conf. column %D or RPD exceeds limit
	S Spike Recovery outside accepted recovery limits	



# O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

# Analytical Results

StateCertNo: 10155

<b>CLIENT:</b> O'Brien & Gere Engineers, Inc.	<b>Lab ID:</b> 0506162-001A
<b>Project:</b> Former Accurate Die Cast	<b>Client Sample ID:</b> WTP Effluent-COMP
<b>W Order:</b> 0506162	<b>Collection Date:</b> 6/30/2005 9:00:00 AM
<b>Matrix:</b> WATER	<b>Date Received:</b> 6/30/2005 10:10:00 AM
<b>Inst. ID:</b> Mettler balance	<b>Sample Size:</b> NA
<b>ColumnID:</b>	<b>%Moisture:</b>
<b>Revision:</b> 7/13/2005 6:51:27 AM	<b>TestCode:</b> TSS160.2
	<b>PrepDate:</b>
	<b>BatchNo:</b> R1679
	<b>FileID:</b>

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
<b>RESIDUE, SUSPENDED (TSS)</b>				<b>EPA 160.2</b>		
Residue, Suspended (TSS)	ND		5.0	mg/L	1	6/30/2005

<b>Qualifiers:</b>	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Prim./Conf. column %D or RPD exceeds limit
	S Spike Recovery outside accepted recovery limits	

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Client: <i>OBINA</i>						Analysis/Method					
Project: <i>Former Accurate Die Cast</i>						<i>TSS/TDS</i>					
Sampled by: <i>Richard McLaughlin</i>											
Client Contact: <i>Al Farnell</i> Phone # <i>2316</i>											
Sample Description											
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	Comments					
<i>WTP Effluent</i>	<i>6/30/05</i>	<i>9:00</i>	<i>Water</i>	<i>Comp</i>	<i>1</i>						
Relinquished by: <i>Richard McLaughlin</i>			Date: <i>6/30/05</i> Time: <i>10:10</i>			Received by:			Date:                      Time:		
Relinquished by:			Date:                      Time:			Received by:			Date:                      Time:		
Relinquished by:			Date:                      Time:			Received by Lab: <i>OMark</i>			Date: <i>6/30/05</i> Time: <i>1010</i>		
Shipment Method: <i>HAND</i>						Airbill Number:					

Turnaround Time Required:  
Routine   
Rush (Specify) \_\_\_\_\_

Comments:

Cooler Temperature: *50 Ciced*

Original - Laboratory  
Copy - Client

**ATTACHMENT B**

**SEMI-ANNUAL GROUNDWATER MONITORING  
LABORATORY ANALYTICAL DATA REPORT**



**O'Brien & Gere Laboratories, Inc.**

5000 Brittonfield Parkway  
East Syracuse, NY 13057

(315) 437-6100

Thursday, April 21, 2005

Al Farrell  
O'Brien & Gere Engineers, Inc.  
5000 Brittonfield Parkway  
PO Box 4873  
Syracuse, NY 13221

TEL: 315-437-6100

RE: Analytical Results

Order No.: 0504049

Dear Al Farrell:

O'Brien & Gere Laboratories, Inc. received 6 sample(s) on 4/8/2005 for the analyses presented in the following report.

Very truly yours,  
O'BRIEN & GERE LABORATORIES, INC.

Monika Santucci  
Project Supervisor





# O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

# Analytical Results

StateCertNo: 10155

**CLIENT:** O'Brien & Gere Inc. of North America  
**Project:** Former Accurate Die Cast  
**W Order:** 0504049  
**Matrix:** WATER  
**Inst. ID:** MS02 12      **Sample Size:** 25 mL  
**ColumnID:** Rtx-502.2      **%Moisture:**  
**Revision:** 4/15/05 3:04:30 PM      **TestCode:** 8260W

**Lab ID:** 0504049-002A  
**Client Sample ID:** MW-10B  
**Collection Date:** 4/8/05  
**Date Received:** 4/8/05  
**PrepDate:**  
**BatchNo:** R668  
**FileID:** M7210.D

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
<b>VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>		<b>SW8260B</b>				
1,1,2,2-Tetrachloroethane	ND		0.50	µg/L	1	4/14/05 6:00:00 PM
cis-1,2-Dichloroethene	ND		0.50	µg/L	1	4/14/05 6:00:00 PM
Methylene chloride	ND		2.0	µg/L	1	4/14/05 6:00:00 PM
Tetrachloroethene	ND		0.50	µg/L	1	4/14/05 6:00:00 PM
Toluene	ND		0.50	µg/L	1	4/14/05 6:00:00 PM
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	4/14/05 6:00:00 PM
Trichloroethene	130	E	0.50	µg/L	1	4/14/05 6:00:00 PM
Surr: 1,2-Dichloroethane-d4	100		75-134	%REC	1	4/14/05 6:00:00 PM
Surr: 4-Bromofluorobenzene	85.2		75-125	%REC	1	4/14/05 6:00:00 PM
Surr: Dibromofluoromethane	102		75-127	%REC	1	4/14/05 6:00:00 PM
Surr: Toluene-d8	89.8		75-125	%REC	1	4/14/05 6:00:00 PM

**Qualifiers:**    B Analyte detected in the associated Method Blank      E Value above quantitation range  
                       H Holding times for preparation or analysis exceeded      J Analyte detected below quantitation limits  
                       ND Not Detected at the Reporting Limit                      S Spike Recovery outside accepted recovery limits



# O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

# Analytical Results

StateCertNo: 10155

**CLIENT:** O'Brien & Gere Inc. of North America  
**Project:** Former Accurate Die Cast  
**W Order:** 0504049  
**Matrix:** WATER  
**Inst. ID:** MS02 12      **Sample Size:** 25 mL  
**ColumnID:** Rtx-502.2      **%Moisture:**  
**Revision:** 4/21/05 9:31:47 AM      **TestCode:** 8260W

**Lab ID:** 0504049-002A  
**Client Sample ID:** MW-10B  
**Collection Date:** 4/8/05  
**Date Received:** 4/8/05  
**PrepDate:**  
**BatchNo:** R741  
**FileID:** M7264.D

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
<b>VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>		<b>SW8260B</b>				
1,1,2,2-Tetrachloroethane	ND		10	µg/L	20	4/20/05 3:43:00 PM
cis-1,2-Dichloroethene	ND		10	µg/L	20	4/20/05 3:43:00 PM
Methylene chloride	ND		40	µg/L	20	4/20/05 3:43:00 PM
Tetrachloroethene	ND		10	µg/L	20	4/20/05 3:43:00 PM
Toluene	ND		10	µg/L	20	4/20/05 3:43:00 PM
trans-1,2-Dichloroethene	ND		10	µg/L	20	4/20/05 3:43:00 PM
Trichloroethene	450		10	µg/L	20	4/20/05 3:43:00 PM
Surr: 1,2-Dichloroethane-d4	100		75-134	%REC	20	4/20/05 3:43:00 PM
Surr: 4-Bromofluorobenzene	96.4		75-125	%REC	20	4/20/05 3:43:00 PM
Surr: Dibromofluoromethane	94.9		75-127	%REC	20	4/20/05 3:43:00 PM
Surr: Toluene-d8	92.5		75-125	%REC	20	4/20/05 3:43:00 PM

**Qualifiers:**    B Analyte detected in the associated Method Blank      E Value above quantitation range  
                       H Holding times for preparation or analysis exceeded      J Analyte detected below quantitation limits  
                       ND Not Detected at the Reporting Limit                      S Spike Recovery outside accepted recovery limits



# O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

# Analytical Results

StateCertNo: 10155

**CLIENT:** O'Brien & Gere Inc. of North America  
**Project:** Former Accurate Die Cast  
**W Order:** 0504049  
**Matrix:** WATER  
**Inst. ID:** MS02 12      **Sample Size:** 25 mL  
**ColumnID:** Rtx-502.2      **%Moisture:**  
**Revision:** 4/15/05 3:04:30 PM      **TestCode:** 8260W

**Lab ID:** 0504049-003A  
**Client Sample ID:** MW-11B  
**Collection Date:** 4/8/05  
**Date Received:** 4/8/05  
**PrepDate:**  
**BatchNo:** R668  
**FileID:** M7211.D

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
<b>VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>						
			<b>SW8260B</b>			
1,1,2,2-Tetrachloroethane	ND		0.50	µg/L	1	4/14/05 6:42:00 PM
cis-1,2-Dichloroethene	1.1		0.50	µg/L	1	4/14/05 6:42:00 PM
Methylene chloride	ND		2.0	µg/L	1	4/14/05 6:42:00 PM
Tetrachloroethene	ND		0.50	µg/L	1	4/14/05 6:42:00 PM
Toluene	ND		0.50	µg/L	1	4/14/05 6:42:00 PM
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	4/14/05 6:42:00 PM
Trichloroethene	130	E	0.50	µg/L	1	4/14/05 6:42:00 PM
Surr: 1,2-Dichloroethane-d4	99.8		75-134	%REC	1	4/14/05 6:42:00 PM
Surr: 4-Bromofluorobenzene	100		75-125	%REC	1	4/14/05 6:42:00 PM
Surr: Dibromofluoromethane	103		75-127	%REC	1	4/14/05 6:42:00 PM
Surr: Toluene-d8	91.6		75-125	%REC	1	4/14/05 6:42:00 PM

**Qualifiers:**    B Analyte detected in the associated Method Blank      E Value above quantitation range  
                       H Holding times for preparation or analysis exceeded      J Analyte detected below quantitation limits  
                       ND Not Detected at the Reporting Limit                      S Spike Recovery outside accepted recovery limits



# O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

# Analytical Results

StateCertNo: 10155

**CLIENT:** O'Brien & Gere Inc. of North America  
**Project:** Former Accurate Die Cast  
**W Order:** 0504049  
**Matrix:** WATER  
**Inst. ID:** MS02 12      **Sample Size:** 25 mL  
**ColumnID:** Rtx-502.2      **%Moisture:**  
**Revision:** 4/20/05 9:21:20 AM      **TestCode:** 8260W

**Lab ID:** 0504049-003A  
**Client Sample ID:** MW-11B  
**Collection Date:** 4/8/05  
**Date Received:** 4/8/05  
**PrepDate:**  
**BatchNo:** R706  
**FileID:** M7236.D

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
<b>VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>		<b>SW8260B</b>				
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	10	4/18/05 4:31:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	10	4/18/05 4:31:00 PM
Methylene chloride	ND		20	µg/L	10	4/18/05 4:31:00 PM
Tetrachloroethene	ND		5.0	µg/L	10	4/18/05 4:31:00 PM
Toluene	ND		5.0	µg/L	10	4/18/05 4:31:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	10	4/18/05 4:31:00 PM
Trichloroethene	390		5.0	µg/L	10	4/18/05 4:31:00 PM
Surr: 1,2-Dichloroethane-d4	100		75-134	%REC	10	4/18/05 4:31:00 PM
Surr: 4-Bromofluorobenzene	95.4		75-125	%REC	10	4/18/05 4:31:00 PM
Surr: Dibromofluoromethane	101		75-127	%REC	10	4/18/05 4:31:00 PM
Surr: Toluene-d8	92.6		75-125	%REC	10	4/18/05 4:31:00 PM

**Qualifiers:**    B Analyte detected in the associated Method Blank      E Value above quantitation range  
                       H Holding times for preparation or analysis exceeded      J Analyte detected below quantitation limits  
                       ND Not Detected at the Reporting Limit                      S Spike Recovery outside accepted recovery limits



# O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

# Analytical Results

StateCertNo: 10155

**CLIENT:** O'Brien & Gere Inc. of North America

**Project:** Former Accurate Die Cast

**W Order:** 0504049

**Matrix:** WATER

**Inst. ID:** MS02 12

**ColumnID:** Rtx-502.2

**Revision:** 4/15/05 3:04:30 PM

**Sample Size:** 25 mL

**%Moisture:**

**TestCode:** 8260W

**Lab ID:** 0504049-001A

**Client Sample ID:** MW-13

**Collection Date:** 4/8/05

**Date Received:** 4/8/05

**PrepDate:**

**BatchNo:** R668

**FileID:** M7209.D

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
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### VOLATILE ORGANIC COMPOUNDS BY GC/MS

SW8260B

1,1,2,2-Tetrachloroethane	ND		0.50	µg/L	1	4/14/05 5:17:00 PM
cis-1,2-Dichloroethene	ND		0.50	µg/L	1	4/14/05 5:17:00 PM
Methylene chloride	ND		2.0	µg/L	1	4/14/05 5:17:00 PM
Tetrachloroethene	ND		0.50	µg/L	1	4/14/05 5:17:00 PM
Toluene	ND		0.50	µg/L	1	4/14/05 5:17:00 PM
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	4/14/05 5:17:00 PM
Trichloroethene	110	E	0.50	µg/L	1	4/14/05 5:17:00 PM
Surr: 1,2-Dichloroethane-d4	100		75-134	%REC	1	4/14/05 5:17:00 PM
Surr: 4-Bromofluorobenzene	94.0		75-125	%REC	1	4/14/05 5:17:00 PM
Surr: Dibromofluoromethane	109		75-127	%REC	1	4/14/05 5:17:00 PM
Surr: Toluene-d8	92.8		75-125	%REC	1	4/14/05 5:17:00 PM

**Qualifiers:** B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit

E Value above quantitation range  
J Analyte detected below quantitation limits  
S Spike Recovery outside accepted recovery limits



# O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

# Analytical Results

StateCertNo: 10155

**CLIENT:** O'Brien & Gere Inc. of North America  
**Project:** Former Accurate Die Cast  
**W Order:** 0504049  
**Matrix:** WATER  
**Inst. ID:** MS02 12      **Sample Size:** 25 mL  
**ColumnID:** Rtx-502.2      **%Moisture:**  
**Revision:** 4/20/05 9:21:20 AM      **TestCode:** 8260W

**Lab ID:** 0504049-001A  
**Client Sample ID:** MW-13  
**Collection Date:** 4/8/05  
**Date Received:** 4/8/05  
**PrepDate:**  
**BatchNo:** R706  
**FileID:** M7234.D

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
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### VOLATILE ORGANIC COMPOUNDS BY GC/MS

SW8260B

1,1,2,2-Tetrachloroethane	ND	2.5		µg/L	5	4/18/05 3:05:00 PM
cis-1,2-Dichloroethene	ND	2.5		µg/L	5	4/18/05 3:05:00 PM
Methylene chloride	ND	10		µg/L	5	4/18/05 3:05:00 PM
Tetrachloroethene	ND	2.5		µg/L	5	4/18/05 3:05:00 PM
Toluene	ND	2.5		µg/L	5	4/18/05 3:05:00 PM
trans-1,2-Dichloroethene	ND	2.5		µg/L	5	4/18/05 3:05:00 PM
Trichloroethene	200	2.5		µg/L	5	4/18/05 3:05:00 PM
Surr: 1,2-Dichloroethane-d4	99.3	75-134		%REC	5	4/18/05 3:05:00 PM
Surr: 4-Bromofluorobenzene	94.1	75-125		%REC	5	4/18/05 3:05:00 PM
Surr: Dibromofluoromethane	102	75-127		%REC	5	4/18/05 3:05:00 PM
Surr: Toluene-d8	86.1	75-125		%REC	5	4/18/05 3:05:00 PM

**Qualifiers:** B Analyte detected in the associated Method Blank  
 H Holding times for preparation or analysis exceeded  
 ND Not Detected at the Reporting Limit

E Value above quantitation range  
 J Analyte detected below quantitation limits  
 S Spike Recovery outside accepted recovery limits



# O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

# Analytical Results

StateCertNo: 10155

**CLIENT:** O'Brien & Gere Inc. of North America  
**Project:** Former Accurate Die Cast  
**W Order:** 0504049  
**Matrix:** WATER  
**Inst. ID:** MS02 12      **Sample Size:** 25 mL  
**ColumnID:** Rtx-502.2      **%Moisture:**  
**Revision:** 4/15/05 3:04:30 PM      **TestCode:** 8260W

**Lab ID:** 0504049-004A  
**Client Sample ID:** MW-18  
**Collection Date:** 4/8/05  
**Date Received:** 4/8/05  
**PrepDate:**  
**BatchNo:** R668  
**FileID:** M7212.D

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
<b>VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>						
<b>SW8260B</b>						
1,1,2,2-Tetrachloroethane	ND		0.50	µg/L	1	4/14/05 7:25:00 PM
cis-1,2-Dichloroethene	98	E	0.50	µg/L	1	4/14/05 7:25:00 PM
Methylene chloride	ND		2.0	µg/L	1	4/14/05 7:25:00 PM
Tetrachloroethene	0.51		0.50	µg/L	1	4/14/05 7:25:00 PM
Toluene	ND		0.50	µg/L	1	4/14/05 7:25:00 PM
trans-1,2-Dichloroethene	0.86		0.50	µg/L	1	4/14/05 7:25:00 PM
Trichloroethene	140	E	0.50	µg/L	1	4/14/05 7:25:00 PM
Surr: 1,2-Dichloroethane-d4	99.9		75-134	%REC	1	4/14/05 7:25:00 PM
Surr: 4-Bromofluorobenzene	94.8		75-125	%REC	1	4/14/05 7:25:00 PM
Surr: Dibromofluoromethane	99.2		75-127	%REC	1	4/14/05 7:25:00 PM
Surr: Toluene-d8	101		75-125	%REC	1	4/14/05 7:25:00 PM

**Qualifiers:** B Analyte detected in the associated Method Blank      E Value above quantitation range  
 H Holding times for preparation or analysis exceeded      J Analyte detected below quantitation limits  
 ND Not Detected at the Reporting Limit      S Spike Recovery outside accepted recovery limits



# O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

# Analytical Results

StateCertNo: 10155

**CLIENT:** O'Brien & Gere Inc. of North America

**Lab ID:** 0504049-004A

**Project:** Former Accurate Die Cast

**Client Sample ID:** MW-18

**W Order:** 0504049

**Collection Date:** 4/8/05

**Matrix:** WATER

**Date Received:** 4/8/05

**Inst. ID:** MS02 12

**Sample Size:** 25 mL

**PrepDate:**

**ColumnID:** Rtx-502.2

**%Moisture:**

**BatchNo:** R741

**Revision:** 4/21/05 9:31:47 AM

**TestCode:** 8260W

**FileID:** M7265.D

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
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### VOLATILE ORGANIC COMPOUNDS BY GC/MS

SW8260B

1,1,2,2-Tetrachloroethane	ND	25		µg/L	50	4/20/05 4:25:00 PM
cis-1,2-Dichloroethene	120	25		µg/L	50	4/20/05 4:25:00 PM
Methylene chloride	ND	100		µg/L	50	4/20/05 4:25:00 PM
Tetrachloroethene	ND	25		µg/L	50	4/20/05 4:25:00 PM
Toluene	ND	25		µg/L	50	4/20/05 4:25:00 PM
trans-1,2-Dichloroethene	ND	25		µg/L	50	4/20/05 4:25:00 PM
Trichloroethene	1300	25		µg/L	50	4/20/05 4:25:00 PM
Surr: 1,2-Dichloroethane-d4	96.4	75-134		%REC	50	4/20/05 4:25:00 PM
Surr: 4-Bromofluorobenzene	101	75-125		%REC	50	4/20/05 4:25:00 PM
Surr: Dibromofluoromethane	95.3	75-127		%REC	50	4/20/05 4:25:00 PM
Surr: Toluene-d8	90.3	75-125		%REC	50	4/20/05 4:25:00 PM

**Qualifiers:** B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit

E Value above quantitation range  
J Analyte detected below quantitation limits  
S Spike Recovery outside accepted recovery limits





# O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

# Analytical Results

StateCertNo: 10155

**CLIENT:** O'Brien & Gere Inc. of North America  
**Project:** Former Accurate Die Cast  
**W Order:** 0504049  
**Matrix:** WATER  
**Inst. ID:** MS02 12      **Sample Size:** 25 mL  
**ColumnID:** Rtx-502.2      **%Moisture:**  
**Revision:** 4/15/05 3:04:30 PM      **TestCode:** 8260W

**Lab ID:** 0504049-005A  
**Client Sample ID:** MW-24  
**Collection Date:** 4/8/05  
**Date Received:** 4/8/05  
**PrepDate:**  
**BatchNo:** R668  
**FileID:** M7213.D

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
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### VOLATILE ORGANIC COMPOUNDS BY GC/MS

SW8260B

1,1,2,2-Tetrachloroethane	ND		2.0	µg/L	4	4/14/05 8:08:00 PM
cis-1,2-Dichloroethene	44		2.0	µg/L	4	4/14/05 8:08:00 PM
Methylene chloride	ND		8.0	µg/L	4	4/14/05 8:08:00 PM
Tetrachloroethene	ND		2.0	µg/L	4	4/14/05 8:08:00 PM
Toluene	ND		2.0	µg/L	4	4/14/05 8:08:00 PM
trans-1,2-Dichloroethene	ND		2.0	µg/L	4	4/14/05 8:08:00 PM
Trichloroethene	64		2.0	µg/L	4	4/14/05 8:08:00 PM
Surr: 1,2-Dichloroethane-d4	102		75-134	%REC	4	4/14/05 8:08:00 PM
Surr: 4-Bromofluorobenzene	94.8		75-125	%REC	4	4/14/05 8:08:00 PM
Surr: Dibromofluoromethane	112		75-127	%REC	4	4/14/05 8:08:00 PM
Surr: Toluene-d8	93.0		75-125	%REC	4	4/14/05 8:08:00 PM

**Qualifiers:** B Analyte detected in the associated Method Blank      E Value above quantitation range  
 H Holding times for preparation or analysis exceeded      J Analyte detected below quantitation limits  
 ND Not Detected at the Reporting Limit      S Spike Recovery outside accepted recovery limits



# O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

# Analytical Results

StateCertNo: 10155

**CLIENT:** O'Brien & Gere Inc. of North America

**Project:** Former Accurate Die Cast

**W Order:** 0504049

**Matrix:** WATER

**Inst. ID:** MS02 12

**ColumnID:** Rtx-502.2

**Revision:** 4/20/05 9:21:20 AM

**Sample Size:** 25 mL

**%Moisture:**

**TestCode:** 8260W

**Lab ID:** 0504049-006A

**Client Sample ID:** TB-4/8

**Collection Date:** 4/8/05

**Date Received:** 4/8/05

**PrepDate:**

**BatchNo:** R706

**FileID:** M7229.D

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
<b>VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>						
			<b>SW8260B</b>			
1,1,2,2-Tetrachloroethane	ND		0.50	µg/L	1	4/18/05 11:31:00 AM
cis-1,2-Dichloroethene	ND		0.50	µg/L	1	4/18/05 11:31:00 AM
Methylene chloride	ND		2.0	µg/L	1	4/18/05 11:31:00 AM
Tetrachloroethene	ND		0.50	µg/L	1	4/18/05 11:31:00 AM
Toluene	ND		0.50	µg/L	1	4/18/05 11:31:00 AM
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	4/18/05 11:31:00 AM
Trichloroethene	ND		0.50	µg/L	1	4/18/05 11:31:00 AM
Surr: 1,2-Dichloroethane-d4	104		75-134	%REC	1	4/18/05 11:31:00 AM
Surr: 4-Bromofluorobenzene	95.3		75-125	%REC	1	4/18/05 11:31:00 AM
Surr: Dibromofluoromethane	102		75-127	%REC	1	4/18/05 11:31:00 AM
Surr: Toluene-d8	100		75-125	%REC	1	4/18/05 11:31:00 AM

**Qualifiers:**

B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit

E Value above quantitation range  
J Analyte detected below quantitation limits  
S Spike Recovery outside accepted recovery limits

Client: O'BRIEN & GERE INC.						Analysis/Method											
Project: Accurate Dig, Fayetteville, NY						<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">VOLS</div> <div style="font-size: 2em;">049</div> </div>											
Sampled by: Yuri Veliz / Robert Trent																	
Client Contact: All Farrell Phone # 315-437-6100																	
<b>Sample Description</b>																	
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	Comments											
MW-13	4/8/05	0920	Water	Grab	3	X											
MW-10B	↓	0953	↓	↓	↓	↓											
MW-11B	↓	1015	↓	↓	↓	↓											
MW-18	↓	1238	↓	↓	↓	↓											
MW-24	↓	1300	↓	↓	↓	↓											
Trip blank					2	2											
Relinquished by: Yuri Veliz						Date: 4/8/05		Time: 1415		Received by:				Date:		Time:	
Relinquished by:						Date:		Time:		Received by:				Date:		Time:	
Relinquished by:						Date:		Time:		Received by Lab: <i>[Signature]</i>				Date: 4/8/05		Time: 14:15	
Shipment Method: Hand						Airbill Number:											

Turnaround Time Required:  
 Routine   
 Rush (Specify) \_\_\_\_\_

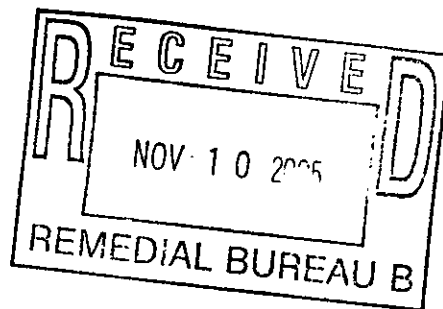
Comments:

Cooler Temperature: 6°C Welliced



**O'BRIEN & GERE**

November 4, 2005



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

Re: Former Accurate Die Casting Site  
Fayetteville, NY

File: 2488/25463 #2

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 third quarter of 2005 (July 1 through September 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:**

1. As of September 30, 2005, a total of 64,212,990 gallons of groundwater has been treated since startup on February 5, 1996. Since June 30, 2005, 963,970 gallons of groundwater have been treated; 309,660 gallons from recovery well RW-1, 654,200 gallons from recovery well RW-2, and 110 gallons from the groundwater collection trench constructed in the former VOC/PAH/PCB Soils Area. No water was recovered from the sump located outside the northeast corner of the building during the quarter.
2. 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 in July, August, and September 2005 are summarized in Table 1. The laboratory analytical data sheets are provided as Attachment A.

**Activities Scheduled:**

1. Continue operation of the groundwater recovery and treatment system, including SPDES monitoring.
2. Conduct the annual round of ground water sampling using passive diffusion bags. Groundwater will be sampled in the following monitoring wells: MW-5, MW-6, MW-9, MW-12, MW-14, MW-15B, MW-16B, MW-17, MW-21, MW-22, MW-24, PZ-1 and PZ-2. A sample from each of the recovery wells listed above will be analyzed for VOCs. Also, during the annual groundwater sampling event, an influent sample for the treatment system will be collected and analyzed for VOCs.

Mr. John C. Grathwol, P.E.

November 4, 2005

Page 2

If you have any questions regarding this report, please do not hesitate to call me at (315) 437-6100.

Very truly yours,

O'BRIEN & GERE ENGINEERS, INC.



Alfred R. Farrell, P.E.

Project Associate

I:\DIV71\PROJECTS\2488\25463\2\_CORRES\3rd\_qtr2005report.doc

Attachments

cc: James Burke – NYSDEC Region 7  
H. Hamel – NYSDOH  
T. Slutzky – The Anderson Company  
J. Sutphen – O'Brien & Gere, Office of General Counsel  
G. Swenson – O'Brien & Gere Engineers, Inc.  
D. Carnevale – O'Brien & Gere Engineers, Inc.



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

Analyte (units)	Monitoring Requirements				Effluent 7/1/2005	Effluent 7/5/2005	Effluent 7/6/2005	Effluent 7/7/2005
	Discharge Limitation Daily Average	Discharge Limitation Daily Maximum	Minimum Measurement Frequency (1)	Sample Type				
Flow (GPD)	Monitor	150000	Continuous	Meter	12080	12100	12030	11736
pH (SU)	6.5-8.5		2/Week	Grab	7.25	7.23	7.21	7.2
Residue, non-filterable (mg/L)	Monitor	20	Weekly	3-hr comp.	---	---	---	5.0 U
Total dissolved solids (TDS) (mg/L)	Monitor	Monitor	Weekly	3-hr comp.	---	---	---	630
Mercury, total (mg/L)	Monitor	0.0008	Quarterly	3-hr comp.	---	---	---	0.00020 U
Zinc, total (mg/L)	Monitor	0.3	Quarterly	3-hr comp.	---	---	---	0.018
cis-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab	---	---	---	0.50 U
trans-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab	---	---	---	0.50 U
Methylene chloride (ug/L)	Monitor	20	2/Month	Grab	---	---	---	2.0 U
1,1,2,2-Tetrachloroethane (ug/L)	Monitor	10	2/Month	Grab	---	---	---	0.50 U
Tetrachloroethene (ug/L)	Monitor	10	2/Month	Grab	---	---	---	0.50 U
Toluene (ug/L)	Monitor	20	2/Month	Grab	---	---	---	0.50 U
Trichloroethene (ug/L)	Monitor	10	2/Month	Grab	---	---	---	0.50 U

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



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

Analyte (units)	Effluent 7/8/2005	Effluent 7/11/2005	Effluent 7/12/2005	Effluent 7/13/2005	Effluent 7/14/2005	Effluent 7/15/2005	Effluent 7/18/2005	Effluent 7/19/2005	Effluent 7/28/2005
Flow (GPD)	11851	11387	11350	11348	11196	11240	11597	11800	11613
pH (SU)	7.23	7.22	7.22	7.22	7.22	7.22	7.22	7.22	7.22
Residue, non-filterable (mg/L)	---	---	5.0 U	---	---	---	---	5.0 U	5.0 U
Total dissolved solids (TDS) (mg/L)	---	---	910	---	---	---	---	760	780
Mercury, total (mg/L)	---	---	0.000001 U	---	---	---	---	---	---
Zinc, total (mg/L)	---	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethene (ug/L)	---	---	---	---	---	---	---	0.50 U	---
trans-1,2-Dichloroethene (ug/L)	---	---	---	---	---	---	---	0.50 U	---
Methylene chloride (ug/L)	---	---	---	---	---	---	---	2.00 U	---
1,1,2,2-Tetrachloroethane (ug/L)	---	---	---	---	---	---	---	0.50 U	---
Tetrachloroethene (ug/L)	---	---	---	---	---	---	---	0.50 U	---
Toluene (ug/L)	---	---	---	---	---	---	---	0.50 U	---
Trichloroethene (ug/L)	---	---	---	---	---	---	---	0.50 U	---

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



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

Analyte (units)	Effluent 7/29/2005	Effluent 8/1/2005	Effluent 8/2/2005	Effluent 8/3/2005	Effluent 8/4/2005	Effluent 8/5/2005	Effluent 8/8/2005	Effluent 8/9/2005	Effluent 8/10/2005
Flow (GPD)	11530	11467	11320	11290	11180	11261	10787	10720	10771
pH (SU)	7.23	7.22	7.22	7.22	7.21	7.21	7.25	7.25	7.25
Residue, non-filterable (mg/L)	---	---	---	---	5.0 U	---	---	---	---
Total dissolved solids (TDS) (mg/L)	---	---	---	---	670	---	---	---	---
Mercury, total (mg/L)	---	---	---	---	---	---	---	---	---
Zinc, total (mg/L)	---	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethene (ug/L)	---	---	---	---	0.50 U	---	---	---	---
trans-1,2-Dichloroethene (ug/L)	---	---	---	---	0.50 U	---	---	---	---
Methylene chloride (ug/L)	---	---	---	---	2.00 U	---	---	---	---
1,1,2,2-Tetrachloroethane (ug/L)	---	---	---	---	0.50 U	---	---	---	---
Tetrachloroethene (ug/L)	---	---	---	---	0.50 U	---	---	---	---
Toluene (ug/L)	---	---	---	---	0.50 U	---	---	---	---
Trichloroethene (ug/L)	---	---	---	---	0.50 U	---	---	---	---

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





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

Analyte (units)	Effluent 8/11/2005	Effluent 8/12/2005	Effluent 8/15/2005	Effluent 8/16/2005	Effluent 8/17/2005	Effluent 8/19/2005	Effluent 8/22/2005	Effluent 8/23/2005	Effluent 8/24/2005
Flow (GPD)	10676	10620	10173	3710	11220	10255	10103	9920	9810
pH (SU)	7.25	7.25	7.22	7.27	7.29	7.25	7.22	7.25	7.25
Residue, non-filterable (mg/L)	---	5.0 U	---	---	---	5.0 U	---	---	---
Total dissolved solids (TDS) (mg/L)	---	700	---	---	---	670	---	---	---
Mercury, total (mg/L)	---	---	---	---	---	---	---	---	---
Zinc, total (mg/L)	---	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethene (ug/L)	---	---	---	---	---	0.50 U	---	---	---
trans-1,2-Dichloroethene (ug/L)	---	---	---	---	---	0.50 U	---	---	---
Methylene chloride (ug/L)	---	---	---	---	---	2.00 U	---	---	---
1,1,2,2-Tetrachloroethane (ug/L)	---	---	---	---	---	0.50 U	---	---	---
Tetrachloroethene (ug/L)	---	---	---	---	---	0.50 U	---	---	---
Toluene (ug/L)	---	---	---	---	---	0.50 U	---	---	---
Trichloroethene (ug/L)	---	---	---	---	---	0.50 U	---	---	---

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



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

Analyte (units)	Effluent 8/25/2005	Effluent 8/26/2005	Effluent 8/29/2005	Effluent 8/30/2005	Effluent 8/31/2005	Effluent 9/1/2005	Effluent 9/6/2005	Effluent 9/7/2005	Effluent 9/8/2005
Flow (GPD)	9680	9710	9540	9360	9522	9508	10118	10120	10200
pH (SU)	7.25	7.25	7.25	7.22	7.22	7.22	7.25	7.25	7.25
Residue, non-filterable (mg/L)	5.0 U	---	---	---	---	5.0 U	---	---	5.0 U
Total dissolved solids (TDS) (mg/L)	680	---	---	---	---	720	---	---	730
Mercury, total (mg/L)	---	---	---	---	---	---	---	---	---
Zinc, total (mg/L)	---	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethene (ug/L)	---	---	---	---	---	0.50 U	---	---	---
trans-1,2-Dichloroethene (ug/L)	---	---	---	---	---	0.50 U	---	---	---
Methylene chloride (ug/L)	---	---	---	---	---	2.00 U	---	---	---
1,1,2,2-Tetrachloroethane (ug/L)	---	---	---	---	---	0.50 U	---	---	---
Tetrachloroethene (ug/L)	---	---	---	---	---	0.50 U	---	---	---
Toluene (ug/L)	---	---	---	---	---	0.50 U	---	---	---
Trichloroethene (ug/L)	---	---	---	---	---	0.50 U	---	---	---

NOTES:

--- - Not analyzed, NA - Data Not available  
U - Not Detected, J - Estimated

(1) Minimum monitoring requirements based on the SPDES permit modified November 21, 1997.



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

Analyte (units)	Effluent 9/9/2005	Effluent 9/12/2005	Effluent 9/13/2005	Effluent 9/14/2005	Effluent 9/15/2005	Effluent 9/16/2005	Effluent 9/19/2005	Effluent 9/20/2005	Effluent 9/21/2005
Flow (GPD)	10070	9963	9770	9760	9690	9470	9447	9280	9250
pH (SU)	7.25	7.25	7.25	7.22	7.25	7.25	7.25	7.25	7.25
Residue, non-filterable (mg/L)	---	---	---	---	5.0 U	---	---	---	---
Total dissolved solids (TDS) (mg/L)	---	---	---	---	660	---	---	---	---
Mercury, total (mg/L)	---	---	---	---	---	---	---	---	---
Zinc, total (mg/L)	---	---	---	---	---	---	---	---	---
cis-1,2-Dichloroethene (ug/L)	---	---	---	---	0.50 U	---	---	---	---
trans-1,2-Dichloroethene (ug/L)	---	---	---	---	0.50 U	---	---	---	---
Methylene chloride (ug/L)	---	---	---	---	2.00 U	---	---	---	---
1,1,2,2-Tetrachloroethane (ug/L)	---	---	---	---	0.50 U	---	---	---	---
Tetrachloroethene (ug/L)	---	---	---	---	0.50 U	---	---	---	---
Toluene (ug/L)	---	---	---	---	0.50 U	---	---	---	---
Trichloroethene (ug/L)	---	---	---	---	0.50 U	---	---	---	---

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



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

Analyte (units)	Effluent 9/22/2005	Effluent 9/23/2005	Effluent 9/26/2005	Effluent 9/27/2005	Effluent 9/28/2005	Effluent 9/29/2005	Effluent 9/30/2005
Flow (GPD)	9160	9110	8963	8910	8810	8930	8820
pH (SU)	7.25	7.25	7.25	7.25	7.25	7.25	7.25
Residue, non-filterable (mg/L)	5.0 U	---	---	---	---	5.0 U	---
Total dissolved solids (TDS) (mg/L)	650	---	---	---	---	570	---
Mercury, total (mg/L)	---	---	---	---	---	---	---
Zinc, total (mg/L)	---	---	---	---	---	---	---
cis-1,2-Dichloroethene (ug/L)	---	---	---	---	---	---	---
trans-1,2-Dichloroethene (ug/L)	---	---	---	---	---	---	---
Methylene chloride (ug/L)	---	---	---	---	---	---	---
1,1,2,2-Tetrachloroethane (ug/L)	---	---	---	---	---	---	---
Tetrachloroethene (ug/L)	---	---	---	---	---	---	---
Toluene (ug/L)	---	---	---	---	---	---	---
Trichloroethene (ug/L)	---	---	---	---	---	---	---

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

**ATTACHMENT A**

**SPDES PERMIT COMPLIANCE MONITORING  
LABORATORY ANALYTICAL DATA REPORT**



**O'Brien & Gere Laboratories, Inc.**

5000 Brittonfield Parkway  
East Syracuse, NY 13057

(315) 437-6100

Friday, July 22, 2005

Al Farrell  
O'Brien & Gere Engineers, Inc.  
5000 Brittonfield Parkway  
PO Box 4873  
Syracuse, NY 13221-4873

TEL: 315-437-6100

Project: FORMER ACCURATE DIE CAST  
RE: Analytical Results

Order No.: 0507024

Dear Al Farrell:

O'Brien & Gere Laboratories, Inc. received 6 sample(s) on 7/7/05 for the analyses presented in the following report.

Very truly yours,  
O'BRIEN & GERE LABORATORIES, INC.

Monika Santucci  
Project Supervisor



# O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

# Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Engineers, Inc.

Project: Former Accurate Die Cast

W Order: 0507024

Matrix: WATER

Inst. ID: MS01 11

Sample Size: 10 mL

ColumnID: Rtx-VMS

%Moisture:

Revision: 7/12/05 7:23:26 AM

TestCode: 8260W

Lab ID: 0507024-003A

Client Sample ID: WTP Effluent

Collection Date: 7/7/05 10:00:00 AM

Date Received: 7/7/05 11:18:00 AM

PrepDate:

BatchNo: R1737

FileID: T9341.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	7/8/05 3:42:00 PM
cis-1,2-Dichloroethene	ND		0.50	µg/L	1	7/8/05 3:42:00 PM
Methylene chloride	ND		2.0	µg/L	1	7/8/05 3:42:00 PM
Tetrachloroethene	ND		0.50	µg/L	1	7/8/05 3:42:00 PM
Toluene	ND		0.50	µg/L	1	7/8/05 3:42:00 PM
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	7/8/05 3:42:00 PM
Trichloroethene	ND		0.50	µg/L	1	7/8/05 3:42:00 PM
Surr: 1,2-Dichloroethane-d4	111		75-134	%REC	1	7/8/05 3:42:00 PM
Surr: 4-Bromofluorobenzene	85.3		75-125	%REC	1	7/8/05 3:42:00 PM
Surr: Dibromofluoromethane	103		75-127	%REC	1	7/8/05 3:42:00 PM
Surr: Toluene-d8	103		75-125	%REC	1	7/8/05 3:42:00 PM

Qualifiers: B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
S Spike Recovery outside accepted recovery limits

E Value above quantitation range  
J Analyte detected below quantitation limits  
P Prim./Conf. column %D or RPD exceeds limit



# O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

# Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Engineers, Inc.

Project: Former Accurate Die Cast

W Order: 0507024

Matrix: WATER

Inst. ID: MS01 11

Sample Size: 10 mL

ColumnID: Rtx-VMS

%Moisture:

Revision: 7/12/05 7:23:26 AM

TestCode: 8260W

Lab ID: 0507024-005A

Client Sample ID: WTP Influent- GRAB

Collection Date: 7/7/05 10:00:00 AM

Date Received: 7/7/05 11:18:00 AM

PrepDate:

BatchNo: R1737

FileID: T9342.D

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
<b>VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>						
<b>SW8260B</b>						
1,1,2,2-Tetrachloroethane	ND		0.50	µg/L	1	7/8/05 4:14:00 PM
cis-1,2-Dichloroethene	6.7		0.50	µg/L	1	7/8/05 4:14:00 PM
Methylene chloride	ND		2.0	µg/L	1	7/8/05 4:14:00 PM
Tetrachloroethene	ND		0.50	µg/L	1	7/8/05 4:14:00 PM
Toluene	ND		0.50	µg/L	1	7/8/05 4:14:00 PM
trans-1,2-Dichloroethene	0.64		0.50	µg/L	1	7/8/05 4:14:00 PM
Trichloroethene	870	E	0.50	µg/L	1	7/8/05 4:14:00 PM
Surr: 1,2-Dichloroethane-d4	112		75-134	%REC	1	7/8/05 4:14:00 PM
Surr: 4-Bromofluorobenzene	83.6		75-125	%REC	1	7/8/05 4:14:00 PM
Surr: Dibromofluoromethane	101		75-127	%REC	1	7/8/05 4:14:00 PM
Surr: Toluene-d8	103		75-125	%REC	1	7/8/05 4:14:00 PM

**Qualifiers:**

B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
S Spike Recovery outside accepted recovery limits

E Value above quantitation range  
J Analyte detected below quantitation limits  
P Prim./Conf. column %D or RPD exceeds limit





# O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

# Analytical Results

StateCertNo: 10155

<b>CLIENT:</b> O'Brien & Gere Engineers, Inc.	<b>Lab ID:</b> 0507024-005A
<b>Project:</b> Former Accurate Die Cast	<b>Client Sample ID:</b> WTP Influent- GRAB
<b>W Order:</b> 0507024	<b>Collection Date:</b> 7/7/05 10:00:00 AM
<b>Matrix:</b> WATER	<b>Date Received:</b> 7/7/05 11:18:00 AM
<b>Inst. ID:</b> MS01 11	<b>Sample Size:</b> 10 mL
<b>ColumnID:</b> Rtx-VMS	<b>%Moisture:</b>
<b>Revision:</b> 7/13/05 7:50:46 AM	<b>TestCode:</b> 8260W
	<b>PrepDate:</b>
	<b>BatchNo:</b> R1762
	<b>FileID:</b> T9367.D

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
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### VOLATILE ORGANIC COMPOUNDS BY GC/MS

SW8260B

1,1,2,2-Tetrachloroethane	ND		25	µg/L	50	7/11/05 6:19:00 PM
cis-1,2-Dichloroethene	ND		25	µg/L	50	7/11/05 6:19:00 PM
Methylene chloride	ND		100	µg/L	50	7/11/05 6:19:00 PM
Tetrachloroethene	ND		25	µg/L	50	7/11/05 6:19:00 PM
Toluene	ND		25	µg/L	50	7/11/05 6:19:00 PM
trans-1,2-Dichloroethene	ND		25	µg/L	50	7/11/05 6:19:00 PM
Trichloroethene	940		25	µg/L	50	7/11/05 6:19:00 PM
Surr: 1,2-Dichloroethane-d4	111		75-134	%REC	50	7/11/05 6:19:00 PM
Surr: 4-Bromofluorobenzene	85.8		75-125	%REC	50	7/11/05 6:19:00 PM
Surr: Dibromofluoromethane	101		75-127	%REC	50	7/11/05 6:19:00 PM
Surr: Toluene-d8	105		75-125	%REC	50	7/11/05 6:19:00 PM

#### Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Prim./Conf. column %D or RPD exceeds limit
S	Spike Recovery outside accepted recovery limits		



# O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

# Analytical Results

StateCertNo: 10155

<b>CLIENT:</b> O'Brien & Gere Engineers, Inc.	<b>Lab ID:</b> 0507024-006A
<b>Project:</b> Former Accurate Die Cast	<b>Client Sample ID:</b> WTP In- Between
<b>W Order:</b> 0507024	<b>Collection Date:</b> 7/7/05 10:00:00 AM
<b>Matrix:</b> WATER	<b>Date Received:</b> 7/7/05 11:18:00 AM
<b>Inst. ID:</b> MS01 11	<b>Sample Size:</b> 10 mL
<b>ColumnID:</b> Rtx-VMS	<b>%Moisture:</b>
<b>Revision:</b> 7/13/05 7:50:46 AM	<b>TestCode:</b> 8260W
	<b>PrepDate:</b>
	<b>BatchNo:</b> R1762
	<b>FileID:</b> T9366.D

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
<b>VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>			<b>SW8260B</b>			
1,1,2,2-Tetrachloroethane	ND		0.50	µg/L	1	7/11/05 5:47:00 PM
cis-1,2-Dichloroethene	0.92		0.50	µg/L	1	7/11/05 5:47:00 PM
Methylene chloride	ND		2.0	µg/L	1	7/11/05 5:47:00 PM
Tetrachloroethene	ND		0.50	µg/L	1	7/11/05 5:47:00 PM
Toluene	ND		0.50	µg/L	1	7/11/05 5:47:00 PM
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	7/11/05 5:47:00 PM
Trichloroethene	0.56		0.50	µg/L	1	7/11/05 5:47:00 PM
Surr: 1,2-Dichloroethane-d4	112		75-134	%REC	1	7/11/05 5:47:00 PM
Surr: 4-Bromofluorobenzene	87.3		75-125	%REC	1	7/11/05 5:47:00 PM
Surr: Dibromofluoromethane	100		75-127	%REC	1	7/11/05 5:47:00 PM
Surr: Toluene-d8	103		75-125	%REC	1	7/11/05 5:47:00 PM

<b>Qualifiers:</b>	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Prim./Conf. column %D or RPD exceeds limit
	S Spike Recovery outside accepted recovery limits	



# O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

# Analytical Results

StateCertNo: 10155

<b>CLIENT:</b> O'Brien & Gere Engineers, Inc.	<b>Lab ID:</b> 0507024-002A
<b>Project:</b> Former Accurate Die Cast	<b>Client Sample ID:</b> WTP Effluent-COMP
<b>W Order:</b> 0507024	<b>Collection Date:</b> 7/7/2005 10:00:00 AM
<b>Matrix:</b> WATER	<b>Date Received:</b> 7/7/2005 11:18:00 AM
<b>Inst. ID:</b> ICAP 61E	<b>Sample Size:</b> 50 mL
<b>ColumnID:</b>	<b>%Moisture:</b>
<b>Revision:</b> 7/20/2005 11:28:18 A	<b>TestCode:</b> 200.7W.3
	<b>PrepDate:</b> 7/18/2005
	<b>BatchNo:</b> 1090/R1901
	<b>FileID:</b> 5412

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
<b>TOTAL METALS BY ICP</b>						
Zinc	0.018		0.010	mg/L	1	7/19/2005 12:16:00 PM

<b>Qualifiers:</b>	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Prim./Conf. column %D or RPD exceeds limit
	S Spike Recovery outside accepted recovery limits	



# O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

# Analytical Results

StateCertNo: 10155

<b>CLIENT:</b> O'Brien & Gere Engineers, Inc.	<b>Lab ID:</b> 0507024-002A
<b>Project:</b> Former Accurate Die Cast	<b>Client Sample ID:</b> WTP Effluent-COMP
<b>W Order:</b> 0507024	<b>Collection Date:</b> 7/7/2005 10:00:00 AM
<b>Matrix:</b> WATER	<b>Date Received:</b> 7/7/2005 11:18:00 AM
<b>Inst. ID:</b> FIMS 100	<b>PrepDate:</b> 7/15/2005 12:15:00 PM
<b>ColumnID:</b>	<b>BatchNo:</b> 1083/R1874
<b>Revision:</b> 7/18/2005 2:59:05 PM	<b>FileID:</b>
<b>Sample Size:</b> 50 mL	
<b>%Moisture:</b>	
<b>TestCode:</b> HG245W	

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
MERCURY				EPA 245.1		(E245.1)
Mercury	ND		0.00020	mg/L	1	7/15/2005 6:44:05 PM

**Qualifiers:**

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Prim./Conf. column %D or RPD exceeds limit
S	Spike Recovery outside accepted recovery limits		



# O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

# Analytical Results

StateCertNo: 10155

<b>CLIENT:</b> O'Brien & Gere Engineers, Inc.	<b>Lab ID:</b> 0507024-004A
<b>Project:</b> Former Accurate Die Cast	<b>Client Sample ID:</b> WTP Influent- COMP
<b>W Order:</b> 0507024	<b>Collection Date:</b> 7/7/2005 10:00:00 AM
<b>Matrix:</b> WATER	<b>Date Received:</b> 7/7/2005 11:18:00 AM
<b>Inst. ID:</b> ICAP 61E	<b>Sample Size:</b> 50 mL
<b>ColumnID:</b>	<b>%Moisture:</b>
<b>Revision:</b> 7/20/2005 11:28:18 A	<b>TestCode:</b> 200.7W.3
	<b>PrepDate:</b> 7/18/2005
	<b>BatchNo:</b> 1090/R1901
	<b>FileID:</b> 5413

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
<b>TOTAL METALS BY ICP</b>				<b>EPA 200.7</b>		<b>(E4.1.3)</b>
Zinc	0.13		0.010	mg/L	1	7/19/2005 12:20:00 PM

**Qualifiers:**

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Prim./Conf. column %D or RPD exceeds limit
S	Spike Recovery outside accepted recovery limits		



# O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

# Analytical Results

StateCertNo: 10155

<b>CLIENT:</b> O'Brien & Gere Engineers, Inc.	<b>Lab ID:</b> 0507024-004A
<b>Project:</b> Former Accurate Die Cast	<b>Client Sample ID:</b> WTP Influent- COMP
<b>W Order:</b> 0507024	<b>Collection Date:</b> 7/7/2005 10:00:00 AM
<b>Matrix:</b> WATER	<b>Date Received:</b> 7/7/2005 11:18:00 AM
<b>Inst. ID:</b> FIMS 100	<b>PrepDate:</b> 7/15/2005 12:15:00 PM
<b>ColumnID:</b>	<b>BatchNo:</b> 1083/R1874
<b>Revision:</b> 7/18/2005 2:59:05 PM	<b>FileID:</b>
<b>Sample Size:</b> 50 mL	
<b>%Moisture:</b>	
<b>TestCode:</b> HG245W	

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
<b>MERCURY</b>				<b>EPA 245.1</b>		<b>(E245.1)</b>
Mercury	ND		0.00020	mg/L	1	7/15/2005 6:46:04 PM

<b>Qualifiers:</b>	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Prim./Conf. column %D or RPD exceeds limit
	S Spike Recovery outside accepted recovery limits	



# O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

# Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Engineers, Inc.

Project: Former Accurate Die Cast

W Order: 0507024

Matrix: WATER

Lab ID: 0507024-001A

Client Sample ID: WTP Effluent-COMP

Collection Date: 7/7/2005 10:00:00 AM

Date Received: 7/7/2005 11:18:00 AM

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
<b>TOTAL DISSOLVED SOLIDS</b>			<b>EPA 160.1</b>		
Total Dissolved Solids (Residue, Filterable)	630		10 mg/L	1	7/7/2005
<b>RESIDUE, SUSPENDED (TSS)</b>			<b>EPA 160.2</b>		
Residue, Suspended (TSS)	ND		5.0 mg/L	1	7/11/2005

Qualifiers: B Analyte detected in the associated Method Blank  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
S Spike Recovery outside accepted recovery limits  
E Value above quantitation range  
J Analyte detected below quantitation limits  
P Prim./Conf. column %D or RPD exceeds limit

Client: <i>OGINA</i>						Analysis/Method											
Project: <i>Former Accurate Die Cast</i>						TSS/TDS	Zn + Ag 245	Voc's 8260	Voc's 8021								
Sampled by: <i>Richard McLaughlin</i>																	
Client Contact: <i>Al Farrell</i> Phone # <i>2316</i>																	
<b>Sample Description</b>																	
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers											Comments	
<i>WTP Effluent</i>	<i>7/7/05</i>	<i>10:00</i>	<i>Water</i>	<i>Comp</i>	<i>1</i>	<i>1</i>											
<i>WTP Effluent</i>	<i>7/7/05</i>	<i>10:00</i>	<i>Water</i>	<i>Comp</i>	<i>1</i>		<i>1</i>										
<i>WTP Effluent</i>	<i>7/7/05</i>	<i>10:00</i>	<i>Water</i>	<i>Grab</i>	<i>3</i>			<i>3</i>									
<i>WTP Influent</i>	<i>7/7/05</i>	<i>10:00</i>	<i>Water</i>	<i>Comp</i>	<i>1</i>		<i>1</i>										
<i>WTP Influent</i>	<i>7/7/05</i>	<i>10:00</i>	<i>Water</i>	<i>Grab</i>	<i>3</i>				<i>3</i>								
<i>WTP In-Between</i>	<i>7/7/05</i>	<i>10:00</i>	<i>Water</i>	<i>Grab</i>	<i>3</i>				<i>3</i>								
Relinquished by: <i>Rudman C. McLaughlin</i>						Date: <i>7/7/05</i> Time: <i>11:18</i>		Received by:		Date:		Time:					
Relinquished by:						Date:		Time:		Received by:		Date:		Time:			
Relinquished by:						Date:		Time:		Received by Lab: <i>Tracy Lewis</i>		Date: <i>7/7/05</i> Time: <i>11:18</i>					
Shipment Method: <i>HAND</i>						Airbill Number:											

Turnaround Time Required:  
 Routine   
 Rush (Specify) \_\_\_\_\_

Comments:

Cooler Temperature: 8° iced

Original - Laboratory  
 Copy - Client





**O'Brien & Gere Laboratories, Inc.**

5000 Brittonfield Parkway  
East Syracuse, NY 13057

(315) 437-6100

Friday, July 22, 2005

Al Farrell  
O'Brien & Gere Engineers, Inc.  
5000 Brittonfield Parkway  
PO Box 4873  
Syracuse, NY 13221-4873

TEL: 315-437-6100

Project: FORMER ACCURATE DIE CAST  
RE: Analytical Results

Order No.: 0507051

Dear Al Farrell:

O'Brien & Gere Laboratories, Inc. received 1 sample(s) on 7/12/05 for the analyses presented in the following report.

Very truly yours,  
O'BRIEN & GERE LABORATORIES, INC.

Monika Santucci  
Project Supervisor



**O'Brien & Gere Laboratories, Inc.**  
 5000 Brittonfield Parkway  
 East Syracuse, NY 13057 (315) 437-6100

# Analytical Results

StateCertNo: 10155

**CLIENT:** O'Brien & Gere Engineers, Inc.  
**Project:** Former Accurate Die Cast  
**W Order:** 0507051  
**Matrix:** WATER

**Lab ID:** 0507051-001A  
**Client Sample ID:** WTP Effluent-COMP  
**Collection Date:** 7/12/2005 11:00:00 AM  
**Date Received:** 7/12/2005 2:00:00 PM

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
<b>TOTAL DISSOLVED SOLIDS</b>			<b>EPA 160.1</b>		
Total Dissolved Solids (Residue, Filterable)	910		10 mg/L	1	7/12/2005
<b>RESIDUE, SUSPENDED (TSS)</b>			<b>EPA 160.2</b>		
Residue, Suspended (TSS)	ND		5.0 mg/L	1	7/13/2005

- Qualifiers:**
- B Analyte detected in the associated Method Blank
  - H Holding times for preparation or analysis exceeded
  - ND Not Detected at the Reporting Limit
  - S Spike Recovery outside accepted recovery limits
  - E Value above quantitation range
  - J Analyte detected below quantitation limits
  - P Prim./Conf. column %D or RPD exceeds limit

Client: <i>OGINA</i>						Analysis/Method								
Project: <i>Accurate Die Cast</i>						<i>TSS/TDS</i>								
Sampled by: <i>Richard M. Laugha</i>														
Client Contact: <i>Al Farrell</i> Phone # <i>2316</i>														
Sample Description														
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers							Comments		
<i>WTP Effluent</i>	<i>7/12/05</i>	<i>11:00</i>	<i>Water</i>	<i>Comp</i>	<i>1</i>	<i>1</i>								
Relinquished by: <i>Richard M. Laugha</i>				Date: <i>7/12/05</i> Time: <i>14:00</i>		Received by:			Date:		Time:			
Relinquished by:				Date:		Time:		Received by:			Date:		Time:	
Relinquished by:				Date:		Time:		Received by Lab: <i>Tracy Harris</i>			Date: <i>7/12/05</i>		Time: <i>14:00</i>	
Shipment Method: <i>Hand</i>						Airbill Number:								

Turnaround Time Required:  
 Routine ✓  
 Rush (Specify) \_\_\_\_\_

Comments:

Cooler Temperature: 7°C iced

Original - Laboratory  
Copy - Client



A FULL SERVICE ENVIRONMENTAL LABORATORY

August 5, 2005

Mr. Richard McLaughlin  
O'Brien & Gere Engineers, Inc.  
5000 Brittonfield Parkway  
East Syracuse, NY 13220

PROJECT: ACCURATE DIE CAST  
Submission #: R2526904

Dear Mr. McLaughlin

Enclosed are the analytical results of the analyses requested. All data has been reviewed prior to report submission. Should you have any questions please contact me at (585) 288-5380.

Thank you for letting us provide this service.

Sincerely,

COLUMBIA ANALYTICAL SERVICES

  
Janice Jaeger  
Project Chemist

Enc.



1 Mustard ST.  
Suite 250  
Rochester, NY 14609  
(585) 288-5380

THIS IS AN ANALYTICAL TEST REPORT FOR:

Client : O'Brien & Gere Engineers, Inc.  
Project Reference: ACCURATE DIE CAST  
Lab Submission # : R2526904  
Project Manager : Janice Jaeger  
Reported : 08/05/05

Report Contains a total of 8 pages

The results reported herein relate only to the samples received by the laboratory. This report may not be reproduced except in full, without the approval of Columbia Analytical Services.

This package has been reviewed by Columbia Analytical Services' QA Department/Laboratory Director to comply with NELAC standards prior to report submittal. *Michael K. Perry*



**CASE NARRATIVE**

This report contains analytical results for the following samples:

Submission #: R2526904

<u>Lab ID</u>	<u>Client ID</u>
826987	EFFLUENT
826988	INFLUENT

All samples were received in good condition unless otherwise noted on the cooler receipt and preservation check form located at the end of this report.

All samples were preserved in accordance with approved analytical methods.

All samples have been analyzed by the approved methods cited on the analytical results pages.

All holding times and associated QC were within limits.

No analytical or QC problems were encountered.

All sampling activities performed by CAS personnel have been in accordance with "CAS Field Procedures and Measurements Manual" or by client specifications.



## INORGANIC QUALIFIERS

### C (Concentration) qualifier –

- B - if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but was greater than or equal to the Instrument Detection Limit (IDL). This qualifier may also be used to indicate that there was contamination above the reporting limit in the associated blank. See Narrative for details.
- U - if the analyte was analyzed for, but not detected

### Q qualifier - Specified entries and their meanings are as follows:

- D - Spike was diluted out
- E - The reported value is estimated because the serial dilution did not meet criteria.
- J - Estimated Value
- M - Duplicate injection precision not met.
- N - Spiked sample recovery not within control limits.
- S - The reported value was determined by the Method of Standard Additions (MSA).
- W - Post-digestion spike for Furnace AA Analysis is out of control limits (85-115), while sample absorbance is less than 50% of spike absorbance.
- \* - Duplicate analysis not within control limits.
- + - Correlation coefficient for the MSA is less than 0.995.

### M (Method) qualifier:

- "P" for ICP
- "A" for Flame AA
- "F" for Furnace AA
- "PM" for ICP when Microwave Digestion is used
- "AM" for Flame AA when Microwave Digestion is used
- "FM" for Furnace M when Microwave Digestion is used
- "CV" for Manual Cold Vapor AA
- "AV" for Automated Cold Vapor AA
- "CA" for Midi-Distillation Spectrophotometric
- "AS" for Semi-Automated Spectrophotometric
- "C" for Manual Spectrophotometric
- "T" for Titrimetric
- " " where no data has been entered
- "NR" if the analyte is not required to be analyzed.

## CAS/Rochester Lab ID # for State Certifications

NELAP Accredited  
Delaware Accredited  
Connecticut ID # PH0556  
Florida ID # E87674  
Illinois ID #200047  
Maine ID #NY0032  
Massachusetts ID # M-NY032  
Navy Facilities Engineering Service Center Approved

Nebraska Accredited  
New Jersey ID # NY004  
New York ID # 10145  
New Hampshire ID # 294100 A/B  
Pennsylvania Registration 68-786  
Rhode Island ID # 158  
South Carolina ID #91012  
West Virginia ID # 292

COLUMBIA ANALYTICAL SERVICES

Reported: 08/05/05

O'Brien & Gere Engineers, Inc.  
Project Reference: ACCURATE DIE CAST  
Client Sample ID : EFFLUENT

---

Date Sampled : 07/12/05                      Order #: 826987                      Sample Matrix: WATER  
Date Received: 07/13/05                      Submission #: R2526904

---

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
MERCURY	1631	0.00100	0.00100 U	UG/L	07/26/05	1.0

---



COLUMBIA ANALYTICAL SERVICES

Reported: 08/05/05

O'Brien & Gere Engineers, Inc.  
Project Reference: ACCURATE DIE CAST  
Client Sample ID : INFLUENT

---

Date Sampled : 07/12/05                      Order #: 826988                      Sample Matrix: WATER  
Date Received: 07/13/05                      Submission #: R2526904

---

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
MERCURY	1631	0.00100	0.00111	UG/L	07/26/05	1.0

---

COLUMBIA ANALYTICAL SERVICES

INORGANIC BLANK SPIKE SUMMARY

CAS Submission #: R2526904  
Client: O'Brien & Gere Engineers, Inc.  
ACCURATE DIE CAST

BLANK SPIKES

BLANK	FOUND	ADDED	% REC	LIMITS	RUN	UNITS
0.00100 U	0.00504	0.00500	101	85 - 115	118391	UG/L

MERCURY

Project Name <b>Accurate Die Cast</b>		Project Number		<b>ANALYSIS REQUESTED (Include Method Number and Container Preservative)</b>														
Project Manager		Report CC		PRESERVATIVE														
Company/Address <b>O'Brien &amp; Gere Inc. of N.A.</b> <b>5000 Britten Road Plwy</b> <b>Syracuse NY 13221</b>				NUMBER OF CONTAINERS	GC/MS VOA's <input type="checkbox"/> 8260 <input type="checkbox"/> 624 <input type="checkbox"/> CLP GC/MS SVOA's <input type="checkbox"/> 8270 <input type="checkbox"/> 625 <input type="checkbox"/> CLP GC VOA's <input type="checkbox"/> 8021 <input type="checkbox"/> 601/602 PESTICIDES <input type="checkbox"/> 8081 <input type="checkbox"/> 608 <input type="checkbox"/> CLP PCBs <input type="checkbox"/> 8082 <input type="checkbox"/> 608 <input type="checkbox"/> CLP METALS, TOTAL (List in comments below) METALS, DISSOLVED (List in comments below) 1631												Preservative Key 0. NONE 1. HCL 2. HNO <sub>3</sub> 3. H <sub>2</sub> SO <sub>4</sub> 4. NaOH 5. Zn. Acetate 6. MeOH 7. NaHSO <sub>4</sub> 8. Other _____	
Phone# <b>315-437-6400</b>		FAX#																
Sampler's Signature <i>Richard McLaughlin</i>		Sampler's Printed Name <b>Richard McLaughlin</b>																
CLIENT SAMPLE ID		FOR OFFICE USE ONLY LAB ID																
<b>Effluent</b>		<b>826987</b>		<b>7/12/05</b>		<b>13:30</b>		<b>W</b>		<b>1</b>								
<b>Influent</b>		<b>826988</b>		<b>7/12/05</b>		<b>13:30</b>		<b>W</b>		<b>1</b>								

SPECIAL INSTRUCTIONS/COMMENTS <b>Metals</b>		TURNAROUND REQUIREMENTS		REPORT REQUIREMENTS		INVOICE INFORMATION	
		_____ RUSH (SURCHARGES APPLY) _____ 24 hr _____ 48 hr _____ 5 day <input checked="" type="checkbox"/> STANDARD REQUESTED FAX DATE _____ REQUESTED REPORT DATE _____		<input checked="" type="checkbox"/> Results Only II. Results + QC Summaries (LCS, DUP, MS/MSD as required) _____ III. Results + QC and Calibration Summaries _____ IV. Data Validation Report with Raw Data _____ V. Specialized Forms / Custom Report Edata _____ Yes _____ No		PC# _____ BILL TO: _____ SUBMISSION #: <b>R2506904</b>	

SAMPLE RECEIPT: CONDITION/COOLER TEMP: _____		CUSTODY SEALS: Y N	
RELINQUISHED BY		RECEIVED BY	
Signature <i>Richard McLaughlin</i>		Signature <i>CM Kutter</i>	
Printed Name <b>Richard McLaughlin</b>		Printed Name <b>CM Kutter</b>	
Firm <b>O'Brien &amp; Gere Inc.</b>		Firm <b>CAS</b>	
Date/Time <b>7/12/05 13:40</b>		Date/Time <b>7/13/05 1000</b>	

# Columbia Analytical Services, Inc. General Terms and Conditions

## Laboratory Services • 1-800-695-7222

1. These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory ("LAB") and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to LAB. The invalidity or unenforceability, in whole or in part of any provision, term or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state from which services are procured.

2. **Warranty.** Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

At LAB sole discretion, preliminary results may be given in advance of the laboratory report. Such preliminary results are tentative, subject to confirmation and final review by LAB. Client's use of preliminary results in any manner shall be at Client's sole risk.

3. **Scope and Compensation.** LAB agrees to perform the services described in the proposal or agreement to which these Terms and Conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described.

Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1 1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sales, use or other taxes. Such taxes will be added to invoice prices when required. LAB reserves the right to require payment prior to release of data. Until such time as Client invoices are paid in full, LAB has no obligation, and will not defend, reproduce, return, or supplement data results.

4. **Prices.** Compensation for services performed will be based on the current Lab Analytical Fee Schedule, or on verbal quotations agreed to in writing by the parties. Unless specifically indicated on the written confirmation of quotation, analytical turnaround times are not guaranteed. The minimum charge will be \$100.00 unless otherwise noted.

5. **Methods.** Where applicable, LAB will use analytical methodologies which are in substantial conformity with U.S. Environmental Protection Agency (EPA), State Agency, American Society for Testing and Materials (ASTM), Association of Official Analytical Chemists (AOAC), Standard Methods for the Examination of Water and Wastewater, or other recognized methodologies. LAB reserves the right to deviate from these methodologies, if necessary or appropriate, due to the nature or composition of the sample or otherwise, based on the reasonable judgment of LAB. Deviations, if any, will be made on a basis consistent with recognized standards of the industry and/or LAB's standard operating procedures.

6. **Limitations of Liability.** In the event of any error, omission or other professional negligence, the sole and exclusive responsibility of LAB shall be to reperform the deficient work at its own expense, and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.

LAB shall have no liability, obligation or responsibility of any kind for losses, costs, expenses or other damages (including but not limited to any special, indirect, incidental or consequential damages) with respect to LAB's services or results.

All results provided by LAB are strictly for the use of its clients, and LAB is in no way responsible for the use of such results by clients or third parties. All results should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of the results.

7. **Hazard Disclosure.** Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance which is to be delivered to LAB will be packaged, labeled, transported and delivered properly and in accordance with applicable laws.

8. **Sample Handling.** Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss of or damage to such sample remains

with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility or liability for the action or inaction of any carrier shipping or delivering any sample to or from LAB's premises.

LAB will use its best efforts to arrange for the shipment of specially-prepared sample bottles, sampling instructions per Client instruction by the readily-available, least cost method. Any other shipment arrangements will be at Client's expense.

Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis, unless modified by applicable state or federal laws. Client will be required to give to LAB written instructions concerning disposal of these samples.

LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample which, in the sole judgment of LAB, (a) is of unsuitable volume, (b) may be or become unsuitable for, or may pose a risk in handling, transport or processing for any health, safety, environmental or other reason, whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) has been delivered to the LAB more than 72 hours after sampling or if one half or more of the recommended holding time for the analysis has lapsed.

9. **Legal Responsibility.** LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort, including negligence.

10. **Data Deliverables.** Where specifically requested by Client, LAB agrees to produce electronic data representing services performed hereunder, subject to the following specific understanding between the parties: LAB agrees to supply Client with electronic data as mutually defined, using an agreed medium. Client recognizes that LAB is not a software consultant, manufacturer or reseller; any transfer of electronic data pursuant to services provided by LAB is an accommodation to and strictly for the convenience of the client who is solely liable for the choice and maintenance of the medium utilized. Electronic data provided under this agreement is not deemed to be the project deliverable for the purpose of fulfilling obligations under the Agreement. The provision of electronic data does not in any way modify the intention of the parties that the Client rely on the written or hard copy form of the deliverable.

Except with regard to any limited warranty as specifically set forth below, LAB disclaims and excludes all warranties express or implied with regard to the creation, transmittal or use of electronic data hereunder. The limited warranty in this Agreement replaces all other warranties, express or implied, including any warranties of merchantability or fitness for a particular purpose. Professional warranties extend to written or hard copy deliverables only and do not extend to electronic data supplied to Client. Professional warranties in the Agreement which extend to written or hard copy deliverables shall be undisturbed by this Amendment. LAB's liability for medium failure shall be limited to replacement of the electronic data with a hard copy for a period of thirty days from the date of delivery. LAB's electronic data transfer is derived in part from or is created using third party software, and no such third party warrants or assumes any liability regarding use of or undertakes to provide support information relating to LAB's electronic data. LAB will utilize anti-virus programs on a best efforts basis in preparation of the electronic data transfer, but LAB makes no warranty as to the effectiveness of such screening. LAB will also use its best efforts to ensure that its electronic data will meet all criteria as specified by Client, including criteria regarding date/time data, if, and when, included; but LAB makes no warranty as to the appropriateness of the client specified criteria by accepting the same.

In addition to indemnities contained in the underlying agreement between LAB and Client, Client shall hold LAB harmless from any claims, suits or liability arising from or related to electronic data supplied pursuant to this Agreement. Any reuse of original or altered files by Client shall be at Client's risk and without liability or responsibility to LAB, but shall entitle LAB to additional compensation for such unauthorized reuse. In no event will LAB's liability for electronic data include any special, incidental or consequential damages, whether or not LAB has knowledge of the potential for loss or damage.

11. **Force Majeure.** LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not be limited to, acts of God, acts of Client, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.

**Cooler Receipt And Preservation Check Form**

Project/Client OBG Submission Number Rd-26904

Cooler received on 7/13/05 by: cm/c COURIER: CAS UPS FEDEX CD&L CLIENT

1. Were custody seals on outside of cooler? YES NO
2. Were custody papers properly filled out (ink, signed, etc.)? YES NO
3. Did all bottles arrive in good condition (unbroken)? YES NO
4. Did any VOA vials have significant air bubbles? YES NO N/A
5. Were Ice on Ice packs present? YES NO N/A
6. Where did the bottles originate? CAS/ROC, CLIENT
7. Temperature of cooler(s) upon receipt: 12°

Is the temperature within 0° - 6° C?: Yes Yes Yes Yes Yes

If No, Explain Below No No No No No

Date/Time Temperatures Taken: 7/13/05 1005

Thermometer ID: 161 or IR GUN Reading From: Temp Blank or Sample Bottle

If out of Temperature, Client Approval to Run Samples OK'd by client to run

Cooler Breakdown: Date: 7-13-05 by: RE

1. Were all bottle labels complete (i.e. analysis, preservation, etc.)? YES NO
2. Did all bottle labels and tags agree with custody papers? YES NO
3. Were correct containers used for the tests indicated? YES NO
4. Air Samples: Cassettes / Tubes Intact Canisters Pressurized Tedlar® Bags Inflated N/A

Explain any discrepancies: \_\_\_\_\_

	YES	NO	Sample I.D.	Reagent	Vol. Added
pH			<u>826987</u>	<u>BrCl exp 9-30-05 made 9-30-04</u>	<u>1.0ml</u>
12		<input checked="" type="checkbox"/>	<u>826988</u>	<u>BrCl exp 9-30-05 made 9-30-04</u>	<u>1.0ml</u>
2					
2					
Residual Chlorine (+/-)					
5-9**					

YES = All samples OK NO = Samples were preserved at lab as listed PC OK to adjust pH

\*\*If pH adjustment is required, use NaOH and/or H<sub>2</sub>SO<sub>4</sub>

VOC Vial pH Verification (Tested after Analysis) Following Samples Exhibited pH > 2		

Other Comments:



**O'Brien & Gere Laboratories, Inc.**

5000 Brittonfield Parkway  
East Syracuse, NY 13057

(315) 437-6100

Wednesday, August 03, 2005

Al Farrell  
O'Brien & Gere Engineers, Inc.  
5000 Brittonfield Parkway  
PO Box 4873  
Syracuse, NY 13221-4873

TEL: 315-437-6100

Project: FORMER ACCURATE DIE CAST  
RE: Analytical Results

Order No.: 0507089

Dear Al Farrell:

O'Brien & Gere Laboratories, Inc. received 2 sample(s) on 7/19/05 for the analyses presented in the following report.

Very truly yours,  
O'BRIEN & GERE LABORATORIES, INC.

Monika Santucci  
Project Supervisor



# O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

# Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Engineers, Inc.

Project: Former Accurate Die Cast

W Order: 0507089

Matrix: WATER

Inst. ID: MS03 10

ColumnID: Rtx-VMS

Revision: 08/01/05 3:31:48 P

Sample Size: 10 mL

%Moisture:

TestCode 8260W

Lab ID: 0507089-002A

Client Sample ID: *WTP Effluent*

Collection Date: 07/19/05 10:00 A

Date Received: 07/19/05 11:15 A

PrepDate:

BatchNo: R2061

FileID: J6466.D

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
<b>VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>				<b>SW8260B</b>		
1,1,2,2-Tetrachloroethane	ND		0.50	µg/L	1	07/29/05 7:23 P
cis-1,2-Dichloroethene	ND		0.50	µg/L	1	07/29/05 7:23 P
Methylene chloride	ND		2.00	µg/L	1	07/29/05 7:23 P
Tetrachloroethene	ND		0.50	µg/L	1	07/29/05 7:23 P
Toluene	ND		0.50	µg/L	1	07/29/05 7:23 P
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	07/29/05 7:23 P
Trichloroethene	ND		0.50	µg/L	1	07/29/05 7:23 P
Surr: 1,2-Dichloroethane-d4	109		75-134	%REC	1	07/29/05 7:23 P
Surr: 4-Bromofluorobenzene	106		75-125	%REC	1	07/29/05 7:23 P
Surr: Dibromofluoromethane	107		75-127	%REC	1	07/29/05 7:23 P
Surr: Toluene-d8	112		75-125	%REC	1	07/29/05 7:23 P

Qualifiers: 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



**O'Brien & Gere Laboratories, Inc.**  
 5000 Brittonfield Parkway  
 East Syracuse, NY 13057 (315) 437-6100

# Analytical Results

StateCertNo: 10155

**CLIENT:** O'Brien & Gere Engineers, Inc.  
**Project:** Former Accurate Die Cast  
**W Order:** 0507089  
**Matrix:** WATER

**Lab ID:** 0507089-001A  
**Client Sample ID:** *WTP Effluent-COMP*  
**Collection Date:** 07/19/05 10:00 A  
**Date Received:** 07/19/05 11:15 A

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
<b>TOTAL DISSOLVED SOLIDS</b>			<b>EPA 160.1</b>		
Total Dissolved Solids (Residue, Filterable)	760		10 mg/L	1	07/19/05 2:00 P
<b>RESIDUE, SUSPENDED (TSS)</b>			<b>EPA 160.2</b>		
Residue, Suspended (TSS)	ND		5.0 mg/L	1	07/19/05 12:00 A

**Qualifiers:**

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		



Client: <i>OGINA</i>						Analysis/Method									
Project: <i>Former Accurate Die Cast</i>						<i>TSS/TDS</i> <i>VOC's 8260</i>									
Sampled by: <i>Richard McLaughlin</i>															
Client Contact: <i>Al Farrell</i> Phone # <i>2316</i>															
Sample Description															
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers										Comments
<i>WTP Effluent</i>	<i>7/19/05</i>	<i>10:00</i>	<i>Water</i>	<i>Comp</i>	<i>1</i>	<i>1</i>									
<i>WTP Effluent 2</i>	<i>7/19/05</i>	<i>10:00</i>	<i>Water</i>	<i>Comp</i>	<i>3</i>	<i>3</i>									
Relinquished by: <i>Richard McLaughlin</i> Date: <i>7/19/05</i> Time: <i>11:15</i>						Received by:						Date:	Time:		
Relinquished by:						Received by:						Date:	Time:		
Relinquished by:						Received by Lab: <i>OMack</i>						Date: <i>7/19/05</i>	Time: <i>7:15</i>		
Shipment Method: <i>Hand</i>						Airbill Number:									

Turnaround Time Required:  Routine \_\_\_\_\_  
 Rush (Specify) \_\_\_\_\_  
 Cooler Temperature: *80°C*

Comments:



**O'Brien & Gere Laboratories, Inc.**

5000 Brittonfield Parkway  
East Syracuse, NY 13057

(315) 437-6100

Friday, August 12, 2005

Al Farrell  
O'Brien & Gere Engineers, Inc.  
5000 Brittonfield Parkway  
PO Box 4873  
Syracuse, NY 13221-4873

TEL: 315-437-6100

Project: FORMER ACCURATE DIE CAST  
RE: Analytical Results

Order No.: 0507162

Dear Al Farrell:

O'Brien & Gere Laboratories, Inc. received 1 sample(s) on 7/28/05 for the analyses presented in the following report.

Very truly yours,  
O'BRIEN & GERE LABORATORIES, INC.

Monika Santucci  
Project Supervisor



# O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

## Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Engineers, Inc.

Project: Former Accurate Die Cast

W Order: 0507162

Matrix: WATER

Lab ID: 0507162-001A

Client Sample ID: *WTP Effluent-COMP*

Collection Date: 07/28/05 9:30 A

Date Received: 07/28/05 10:55 A

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
<b>TOTAL DISSOLVED SOLIDS</b>			<b>EPA 160.1</b>		
Total Dissolved Solids (Residue, Filterable)	780		10 mg/L	1	08/02/05 12:00 A
<b>RESIDUE, SUSPENDED (TSS)</b>			<b>EPA 160.2</b>		
Residue, Suspended (TSS)	ND		5.0 mg/L	1	08/01/05 12:00 A

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

Client: <i>OGINA</i>						Analysis/Method									
Project: <i>Former Accurate Die Cast</i>						TSS/TDS									
Sampled by: <i>Richard M Laughlin</i>															
Client Contact: <i>Al Farrell</i> Phone # <i>2316</i>															
<b>Sample Description</b>															
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers									Comments	
<i>WTP Effluent</i>	<i>7/28/05</i>	<i>9:30</i>	<i>Water</i>	<i>Comp</i>	<i>1</i>										
Relinquished by: <i>Richard M Laughlin</i> Date: <i>7/28/05</i> Time: <i>10:55</i>						Received by:						Date:		Time:	
Relinquished by:						Received by:						Date:		Time:	
Relinquished by:						Received by Lab: <i>Tracy Lewis</i>						Date: <i>7/28/05</i>		Time: <i>10:55</i>	
Shipment Method: <i>Hand</i>						Airbill Number:									

Turnaround Time Required:  
 Routine   
 Rush (Specify) \_\_\_\_\_

Comments:

Cooler Temperature: 5°C iced



**O'Brien & Gere Laboratories, Inc.**

5000 Brittonfield Parkway  
East Syracuse, NY 13057

(315) 437-6100

Friday, August 19, 2005

Al Farrell  
O'Brien & Gere Engineers, Inc.  
5000 Brittonfield Parkway  
PO Box 4873  
Syracuse, NY 13221-4873

TEL: 315-437-6100

Project: FORMER ACCURATE DIE CAST  
RE: Analytical Results

Order No.: 0508025

Dear Al Farrell:

O'Brien & Gere Laboratories, Inc. received 3 sample(s) on 8/4/05 for the analyses presented in the following report.

Very truly yours,  
O'BRIEN & GERE LABORATORIES, INC.

Monika Santucci  
Project Supervisor



# O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

# Analytical Results

StateCertNo: 10155

<b>CLIENT:</b> O'Brien & Gere Engineers, Inc.	<b>Lab ID:</b> 0508025-002A
<b>Project:</b> Former Accurate Die Cast	<b>Client Sample ID:</b> <i>Effluent-GRAB</i>
<b>W Order:</b> 0508025	<b>Collection Date:</b> 08/04/05 10:00 A
<b>Matrix:</b> WATER	<b>Date Received:</b> 08/04/05 11:20 A
<b>Inst. ID:</b> MS01 11	<b>Sample Size:</b> 10 mL
<b>ColumnID:</b> Rtx-VMS	<b>%Moisture:</b>
<b>Revision:</b> 08/09/05 3:21:45 P	<b>TestCode:</b> 8260W
	<b>PrepDate:</b>
	<b>BatchNo:</b> R2194
	<b>FileID:</b> T9769.D

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
<b>VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>				<b>SW8260B</b>		
1,1,2,2-Tetrachloroethane	ND		0.50	µg/L	1	08/08/05 7:18 P
cis-1,2-Dichloroethene	ND		0.50	µg/L	1	08/08/05 7:18 P
Methylene chloride	ND		2.00	µg/L	1	08/08/05 7:18 P
Tetrachloroethene	ND		0.50	µg/L	1	08/08/05 7:18 P
Toluene	ND		0.50	µg/L	1	08/08/05 7:18 P
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	08/08/05 7:18 P
Trichloroethene	ND		0.50	µg/L	1	08/08/05 7:18 P
Surr: 1,2-Dichloroethane-d4	111		75-134	%REC	1	08/08/05 7:18 P
Surr: 4-Bromofluorobenzene	108		75-125	%REC	1	08/08/05 7:18 P
Surr: Dibromofluoromethane	109		75-127	%REC	1	08/08/05 7:18 P
Surr: Toluene-d8	106		75-125	%REC	1	08/08/05 7:18 P

<b>Qualifiers:</b>	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	



# O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

# Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Engineers, Inc.

Project: Former Accurate Die Cast

W Order: 0508025

Matrix: WATER

Inst. ID: MS01 11

Sample Size: 10 mL

ColumnID: Rtx-VMS

%Moisture:

Revision: 08/09/05 3:21:46 P

TestCode 8260W

Lab ID: 0508025-003A

Client Sample ID: *Between-GRAB*

Collection Date: 08/04/05 10:00 A

Date Received: 08/04/05 11:20 A

PrepDate:

BatchNo: R2194

FileID: T9770.D

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
<b>VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>				<b>SW8260B</b>		
1,1,2,2-Tetrachloroethane	ND	0.50		µg/L	1	08/08/05 7:49 P
cis-1,2-Dichloroethene	2.76	0.50		µg/L	1	08/08/05 7:49 P
Methylene chloride	ND	2.00		µg/L	1	08/08/05 7:49 P
Tetrachloroethene	ND	0.50		µg/L	1	08/08/05 7:49 P
Toluene	ND	0.50		µg/L	1	08/08/05 7:49 P
trans-1,2-Dichloroethene	ND	0.50		µg/L	1	08/08/05 7:49 P
Trichloroethene	3.22	0.50		µg/L	1	08/08/05 7:49 P
Surr: 1,2-Dichloroethane-d4	111	75-134		%REC	1	08/08/05 7:49 P
Surr: 4-Bromofluorobenzene	105	75-125		%REC	1	08/08/05 7:49 P
Surr: Dibromofluoromethane	109	75-127		%REC	1	08/08/05 7:49 P
Surr: Toluene-d8	105	75-125		%REC	1	08/08/05 7:49 P

Qualifiers: 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



**O'Brien & Gere Laboratories, Inc.**  
 5000 Brittonfield Parkway  
 East Syracuse, NY 13057 (315) 437-6100

# Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Engineers, Inc.  
 Project: Former Accurate Die Cast  
 W Order: 0508025  
 Matrix: WATER

Lab ID: 0508025-001A  
 Client Sample ID: *Effluent-COMP*  
 Collection Date: 08/04/05 10:00 A  
 Date Received: 08/04/05 11:20 A

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
<b>TOTAL DISSOLVED SOLIDS</b>			<b>EPA 160.1</b>		
Total Dissolved Solids (Residue, Filterable)	670		10 mg/L	1	08/04/05 12:00 A
<b>RESIDUE, SUSPENDED (TSS)</b>			<b>EPA 160.2</b>		
Residue, Suspended (TSS)	ND		5.0 mg/L	1	08/04/05 12:00 A

Qualifiers: 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



0508025

Client: <i>OGINA</i>						Analysis/Method										
Project: <i>Former Accurate Die Cast</i>						TSS/TPS	Voc's 8260	Voc's 8021								
Sampled by: <i>Richard McLaughlin</i>																
Client Contact: <i>Al Farrell</i> Phone # <i>2316</i>																
Sample Description																
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers											Comments
<i>Effluent</i>	<i>8/4/05</i>	<i>10:00</i>	<i>WATER</i>	<i>C</i>	<i>1</i>	<i>1</i>										
<i>Effluent</i>	<i>8/4/05</i>	<i>10:00</i>	<i>WATER</i>	<i>G</i>	<i>3</i>		<i>3</i>									
<i>Between</i>	<i>8/4/05</i>	<i>10:00</i>	<i>WATER</i>	<i>G</i>	<i>3</i>			<i>3</i>								
Relinquished by: <i>Natalie G. McLaughlin</i> Date: <i>8/4/05</i> Time: <i>11:20</i>						Received by: _____ Date: _____ Time: _____										
Relinquished by: _____ Date: _____ Time: _____						Received by: _____ Date: _____ Time: _____										
Relinquished by: _____ Date: _____ Time: _____						Received by Lab: <i>Tracy Stevens</i> Date: <i>8/4/05</i> Time: <i>11:20</i>										
Shipment Method: <i>HAND</i>						Airbill Number: _____										

Turnaround Time Required:  
 Routine   
 Rush (Specify) \_\_\_\_\_  
 Cooler Temperature: 8°C iced

Comments:



**O'Brien & Gere Laboratories, Inc.**

5000 Brittonfield Parkway  
East Syracuse, NY 13057

(315) 437-6100

Saturday, August 27, 2005

Al Farrell  
O'Brien & Gere Engineers, Inc.  
5000 Brittonfield Parkway  
PO Box 4873  
Syracuse, NY 13221-4873

TEL: 315-437-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results

Order No.: 0508085

Dear Al Farrell:

O'Brien & Gere Laboratories, Inc. received 1 sample(s) on 8/12/05 for the analyses presented in the following report.

Very truly yours,  
O'BRIEN & GERE LABORATORIES, INC.

Monika Santucci  
Project Supervisor



**O'Brien & Gere Laboratories, Inc.**  
 5000 Brittonfield Parkway  
 East Syracuse, NY 13057 (315) 437-6100

# Analytical Results

StateCertNo: 10155

**CLIENT:** O'Brien & Gere Engineers, Inc.  
**Project:** Former Accurate Die Cast  
**W Order:** 0508085  
**Matrix:** WATER

**Lab ID:** 0508085-001A  
**Client Sample ID:** *WTP Effluent-COMP*  
**Collection Date:** 08/12/05 11:00 A  
**Date Received:** 08/12/05 1:00 P

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
<b>TOTAL DISSOLVED SOLIDS</b>			<b>EPA 160.1</b>		
Total Dissolved Solids (Residue, Filterable)	700		10 mg/L	1	08/12/05 12:00 A
<b>RESIDUE, SUSPENDED (TSS)</b>			<b>EPA 160.2</b>		
Residue, Suspended (TSS)	ND		5.0 mg/L	1	08/15/05 12:00 A

**Qualifiers:**

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		

Client: <i>OGINA</i>						Analysis/Method					
Project: <i>Former Accurate Pie Crust</i>						TSS/TDS					
Sampled by: <i>Richard McLaughlin</i>											
Client Contact: <i>Al Farrell</i> Phone # <i>2316</i>											
Sample Description											
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	Comments					
<i>WTP Effluent</i>	<i>8/12/05</i>	<i>11:00</i>	<i>Water</i>	<i>Comp</i>	<i>1</i>						
Relinquished by: <i>Richard McLaughlin</i>			Date: <i>8/12/05</i> Time: <i>13:00</i>			Received by:			Date: _____ Time: _____		
Relinquished by:			Date: _____ Time: _____			Received by:			Date: _____ Time: _____		
Relinquished by:			Date: _____ Time: _____			Received by Lab: <i>DM</i>			Date: <i>8/12/05</i> Time: <i>1300</i>		
Shipment Method: <i>Hand</i>						Airbill Number:					

Turnaround Time Required:  Routine \_\_\_\_\_  
 Rush (Specify) \_\_\_\_\_

Comments:

Cooler Temperature: *50 Cooled*



**O'Brien & Gere Laboratories, Inc.**

5000 Brittonfield Parkway  
East Syracuse, NY 13057

(315) 437-6100

Friday, September 02, 2005

Al Farrell  
O'Brien & Gere Engineers, Inc.  
5000 Brittonfield Parkway  
PO Box 4873  
Syracuse, NY 13221-4873

TEL: 315-437-6100

Project: FORMER ACCURATE DIE CAST  
RE: Analytical Results

Order No.: 0508132

Dear Al Farrell:

O'Brien & Gere Laboratories, Inc. received 1 sample(s) on 8/19/05 for the analyses presented in the following report.

Very truly yours,  
O'BRIEN & GERE LABORATORIES, INC.

Monika Santucci  
Project Supervisor



# O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

# Analytical Results

StateCertNo: 10155

<b>CLIENT:</b> O'Brien & Gere Engineers, Inc.	<b>Lab ID:</b> 0508132-001B
<b>Project:</b> Former Accurate Die Cast	<b>Client Sample ID:</b> Effluent
<b>W Order:</b> 0508132	<b>Collection Date:</b> 8/19/05 11:00:00 AM
<b>Matrix:</b> WATER	<b>Date Received:</b> 8/19/05 12:23:00 PM
<b>Inst. ID:</b> MS01 11	<b>Sample Size:</b> 10 mL
<b>ColumnID:</b> Rtx-VMS	<b>%Moisture:</b>
<b>Revision:</b> 8/25/05 11:27:36 AM	<b>TestCode:</b> 8260W
	<b>PrepDate:</b>
	<b>BatchNo:</b> R2412
	<b>FileID:</b> T0044.D

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
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### VOLATILE ORGANIC COMPOUNDS BY GC/MS

SW8260B

1,1,2,2-Tetrachloroethane	ND	0.50		µg/L	1	8/24/05 6:23:00 PM
cis-1,2-Dichloroethene	ND	0.50		µg/L	1	8/24/05 6:23:00 PM
Methylene chloride	ND	2.00		µg/L	1	8/24/05 6:23:00 PM
Tetrachloroethene	ND	0.50		µg/L	1	8/24/05 6:23:00 PM
Toluene	ND	0.50		µg/L	1	8/24/05 6:23:00 PM
trans-1,2-Dichloroethene	ND	0.50		µg/L	1	8/24/05 6:23:00 PM
Trichloroethene	ND	0.50		µg/L	1	8/24/05 6:23:00 PM
Surr: 1,2-Dichloroethane-d4	108	75-134		%REC	1	8/24/05 6:23:00 PM
Surr: 4-Bromofluorobenzene	97.5	75-125		%REC	1	8/24/05 6:23:00 PM
Surr: Dibromofluoromethane	106	75-127		%REC	1	8/24/05 6:23:00 PM
Surr: Toluene-d8	106	75-125		%REC	1	8/24/05 6:23:00 PM

<b>Qualifiers:</b>	B Analyte detected in the associated Method Blank	E Value above quantitation range
	H Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND Not Detected at the Reporting Limit	P Prim./Conf. column %D or RPD exceeds limit
	S Spike Recovery outside accepted recovery limits	



**O'Brien & Gere Laboratories, Inc.**

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

**Analytical Results**

StateCertNo: 10155

CLIENT: O'Brien & Gere Engineers, Inc.

Project: Former Accurate Die Cast

W Order: 0508132

Matrix: WATER

Lab ID: 0508132-001A

Client Sample ID: *Effluent*

Collection Date: 08/19/05 11:00 A

Date Received: 08/19/05 12:23 P

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
<b>TOTAL DISSOLVED SOLIDS</b>					
Total Dissolved Solids (Residue, Filterable)	670		EPA 160.1 10 mg/L	1	08/24/05 12:00 A
<b>RESIDUE, SUSPENDED (TSS)</b>					
Residue, Suspended (TSS)	ND		EPA 160.2 5.0 mg/L	1	08/22/05 12:00 A

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

Client: <u>OGWA</u>						Analysis/Method							
Project: <u>ACCURATE Die Cast</u>						<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TSS/TDS</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">VOC's 8260</div> </div>							
Sampled by: <u>Richard McLaughlin</u>													
Client Contact: <u>Al Farrell</u> Phone # <u>2316</u>													
<b>Sample Description</b>													
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers								
<u>Effluent</u>	<u>8/16/05</u>	<u>11:00</u>	<u>Water</u>	<u>Comp</u>	<u>1</u>								
<u>Effluent</u>	<u>8/19/05</u>	<u>11:00</u>	<u>Water</u>	<u>Grab</u>	<u>3</u>								
Relinquished by: <u>Richard McLaughlin</u> Date: <u>8/19/05</u> Time: <u>12:23</u>						Received by: _____ Date: _____ Time: _____							
Relinquished by: _____ Date: _____ Time: _____						Received by: _____ Date: _____ Time: _____							
Relinquished by: _____ Date: _____ Time: _____						Received by Lab: <u>Thomas O'Neil</u> Date: <u>8-19-05</u> Time: <u>12:23</u>							
Shipment Method: <u>Hand</u>						Airbill Number: _____							

Turnaround Time Required:  Routine \_\_\_\_\_  
 Rush (Specify) \_\_\_\_\_  
 Cooler Temperature: 4°C on ice

Comments: \_\_\_\_\_  
 Original - Laboratory  
 Copy - Client





**O'Brien & Gere Laboratories, Inc.**

5000 Brittonfield Parkway  
East Syracuse, NY 13057

(315) 437-6100

Wednesday, September 14, 2005

Al Farrell  
O'Brien & Gere Engineers, Inc.  
5000 Brittonfield Parkway  
PO Box 4873  
Syracuse, NY 13221-4873

TEL: 315-437-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results

Order No.: 0508166

Dear Al Farrell:

O'Brien & Gere Laboratories, Inc. received 1 sample(s) on 8/25/05 for the analyses presented in the following report.

Very truly yours,  
O'BRIEN & GERE LABORATORIES, INC.

Monika Santucci  
Project Supervisor



**O'Brien & Gere Laboratories, Inc.**  
 5000 Brittonfield Parkway  
 East Syracuse, NY 13057 (315) 437-6100

# Analytical Results

StateCertNo: 10155

**CLIENT:** O'Brien & Gere Engineers, Inc.  
**Project:** Former Accurate Die Cast  
**W Order:** 0508166  
**Matrix:** WATER

**Lab ID:** 0508166-001A  
**Client Sample ID:** *WTP Effluent-COMP*  
**Collection Date:** 08/25/05 10:00 A  
**Date Received:** 08/25/05 1:55 P

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
<b>TOTAL DISSOLVED SOLIDS</b>					
Total Dissolved Solids (Residue, Filterable)	680		EPA 160.1 10 mg/L	1	08/26/05 12:00 A
<b>RESIDUE, SUSPENDED (TSS)</b>					
Residue, Suspended (TSS)	ND		EPA 160.2 5.0 mg/L	1	08/27/05 12:00 A

**Qualifiers:**

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		

Client: <i>OGINA</i>						Analysis/Method							
Project: <i>Former Accurate Die Cast</i>						TSU/TDS							
Sampled by: <i>Richard McLaughlin</i>													
Client Contact: <i>Al Farnell</i> Phone # <i>2316</i>													
Sample Description													
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers							Comments	
<i>WTP. Effluent</i>	<i>8/25/05</i>	<i>10:00</i>	<i>Water</i>	<i>Comp</i>	<i>1</i>								
Relinquished by: <i>Richard McLaughlin</i>			Date: <i>8/25/05</i> Time: <i>13:55</i>			Received by:			Date:		Time:		
Relinquished by:			Date:			Time:			Received by:		Date:		
Relinquished by:			Date:			Time:			Received by Lab: <i>DMack</i>		Date: <i>8/25/05</i> Time: <i>13:55</i>		
Shipment Method: <i>Hand</i>						Airbill Number:							

Turnaround Time Required:  
 Routine   
 Rush (Specify) \_\_\_\_\_

Comments:

Cooler Temperature: *50 Cooled*



**O'Brien & Gere Laboratories, Inc.**

5000 Brittonfield Parkway  
East Syracuse, NY 13057

(315) 437-6100

Friday, September 09, 2005

Al Farrell  
O'Brien & Gere Engineers, Inc.  
5000 Brittonfield Parkway  
PO Box 4873  
Syracuse, NY 13221-4873

TEL: 315-437-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results

Order No.: 0509008

Dear Al Farrell:

O'Brien & Gere Laboratories, Inc. received 2 sample(s) on 9/1/05 for the analyses presented in the following report.

Very truly yours,  
O'BRIEN & GERE LABORATORIES, INC.

Monika Santucci  
Project Supervisor



# O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

# Analytical Results

StateCertNo: 10155

**CLIENT:** O'Brien & Gere Engineers, Inc.  
**Project:** Former Accurate Die Cast  
**W Order:** 0509008  
**Matrix:** WATER  
**Inst. ID:** MS03\_10  
**ColumnID:** Rtx-VMS  
**Revision:** 09/09/05 11:10:20 A

**Sample Size:** 10 mL  
**%Moisture:**  
**TestCode:** 8260W

**Lab ID:** 0509008-001B  
**Client Sample ID:** EFFLUENT-COMP  
**Collection Date:** 09/01/05 11:00 A  
**Date Received:** 09/01/05 1:10 P  
**PrepDate:**  
**BatchNo:** R2576  
**FileID:** 1-SAMP-J6892.D

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
<b>VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>				<b>SW8260B</b>		
1,1,2,2-Tetrachloroethane	ND		0.50	µg/L	1	09/08/05 7:08 P
cis-1,2-Dichloroethene	ND		0.50	µg/L	1	09/08/05 7:08 P
Methylene chloride	ND		2.00	µg/L	1	09/08/05 7:08 P
Tetrachloroethene	ND		0.50	µg/L	1	09/08/05 7:08 P
Toluene	ND		0.50	µg/L	1	09/08/05 7:08 P
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	09/08/05 7:08 P
Trichloroethene	ND		0.50	µg/L	1	09/08/05 7:08 P
Surr: 1,2-Dichloroethane-d4	111		75-134	%REC	1	09/08/05 7:08 P
Surr: 4-Bromofluorobenzene	103		75-125	%REC	1	09/08/05 7:08 P
Surr: Dibromofluoromethane	106		75-127	%REC	1	09/08/05 7:08 P
Surr: Toluene-d8	110		75-125	%REC	1	09/08/05 7:08 P

**Qualifiers:** 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



# O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

# Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Engineers, Inc.

Project: Former Accurate Die Cast

W Order: 0509008

Matrix: WATER

Inst. ID: MS03\_10

Sample Size: 10 mL

ColumnID: Rtx-VMS

%Moisture:

Revision: 09/09/05 11:10:20 A

TestCode 8260W

Lab ID: 0509008-002A

Client Sample ID: BETWEEN

Collection Date: 09/01/05 11:00 A

Date Received: 09/01/05 1:10 P

PrepDate:

BatchNo: R2576

FileID: 1-SAMP-J6893.D

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
<b>VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>				<b>SW8260B</b>		
1,1,2,2-Tetrachloroethane	ND		0.50	µg/L	1	09/08/05 7:42 P
cis-1,2-Dichloroethene	4.12		0.50	µg/L	1	09/08/05 7:42 P
Methylene chloride	ND		2.00	µg/L	1	09/08/05 7:42 P
Tetrachloroethene	ND		0.50	µg/L	1	09/08/05 7:42 P
Toluene	ND		0.50	µg/L	1	09/08/05 7:42 P
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	09/08/05 7:42 P
Trichloroethene	11.2		0.50	µg/L	1	09/08/05 7:42 P
Surr: 1,2-Dichloroethane-d4	111		75-134	%REC	1	09/08/05 7:42 P
Surr: 4-Bromofluorobenzene	105		75-125	%REC	1	09/08/05 7:42 P
Surr: Dibromofluoromethane	106		75-127	%REC	1	09/08/05 7:42 P
Surr: Toluene-d8	111		75-125	%REC	1	09/08/05 7:42 P

Qualifiers:	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	



# O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

## Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Engineers, Inc.

Project: Former Accurate Die Cast

W Order: 0509008

Matrix: WATER

Lab ID: 0509008-001A

Client Sample ID: *EFFLUENT-COMP*

Collection Date: 09/01/05 11:00 A

Date Received: 09/01/05 1:10 P

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
<b>TOTAL DISSOLVED SOLIDS</b>			<b>EPA 160.1</b>		
Total Dissolved Solids (Residue, Filterable)	720		10 mg/L	1	09/02/05 12:00 A
<b>RESIDUE, SUSPENDED (TSS)</b>			<b>EPA 160.2</b>		
Residue, Suspended (TSS)	ND		5.0 mg/L	1	09/07/05 12:00 A

Qualifiers: 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

Client: <i>OGINA</i>						Analysis/Method <i>008</i>									
Project: <i>Accurate Die Cast</i>						<i>TSS/TDS</i>	<i>VOC's 8260</i>	<i>VOC's 8021</i>							Comments
Sampled by: <i>Richard McLaughlin</i>															
Client Contact: <i>Al Farnell</i> Phone # <i>2316</i>															
Sample Description															
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers										
<i>Effluent</i>	<i>9/1/05</i>	<i>11:00</i>	<i>WATER</i>	<i>Comp.</i>	<i>1</i>	<i>1</i>									
<i>Effluent</i>	<i>9/1/05</i>	<i>11:00</i>	<i>WATER</i>	<i>Grab</i>	<i>3</i>		<i>3</i>								
<i>Between</i>	<i>9/1/05</i>	<i>11:00</i>	<i>WATER</i>	<i>Grab</i>	<i>3</i>			<i>3</i>							
Relinquished by: <i>Richard McLaughlin</i> Date: <i>9/1/05</i> Time: <i>1:10</i>						Received by: _____ Date: _____ Time: _____									
Relinquished by: _____ Date: _____ Time: _____						Received by: _____ Date: _____ Time: _____									
Relinquished by: _____ Date: _____ Time: _____						Received by Lab: <i>Mack</i> Date: <i>9/1/05</i> Time: <i>1:310</i>									
Shipment Method: <i>Hand</i>						Airbill Number: _____									

Turnaround Time Required:  Routine \_\_\_\_\_  
 Rush (Specify) \_\_\_\_\_

Comments:

Cooler Temperature: *5°C used*





**O'Brien & Gere Laboratories, Inc.**

5000 Brittonfield Parkway  
East Syracuse, NY 13057

(315) 437-6100

Saturday, September 17, 2005

Al Farrell  
O'Brien & Gere Engineers, Inc.  
5000 Brittonfield Parkway  
PO Box 4873  
Syracuse, NY 13221-4873

TEL: 315-437-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results

Order No.: 0509038

Dear Al Farrell:

O'Brien & Gere Laboratories, Inc. received 1 sample(s) on 9/8/05 for the analyses presented in the following report.

Very truly yours,  
O'BRIEN & GERE LABORATORIES, INC.

A handwritten signature in cursive script that reads "Monika Santucci".

Monika Santucci  
Project Supervisor



**O'Brien & Gere Laboratories, Inc.**  
 5000 Brittonfield Parkway  
 East Syracuse, NY 13057 (315) 437-6100

# Analytical Results

StateCertNo: 10155

**CLIENT:** O'Brien & Gere Engineers, Inc.  
**Project:** Former Accurate Die Cast  
**W Order:** 0509038  
**Matrix:** WATER

**Lab ID:** 0509038-001A  
**Client Sample ID:** *Effluent*  
**Collection Date:** 09/08/05 10:00 A  
**Date Received:** 09/08/05 1:00 P

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
<b>TOTAL DISSOLVED SOLIDS</b>					
Total Dissolved Solids (Residue, Filterable)	730		EPA 160.1 10 mg/L	1	09/14/05 12:00 A
<b>RESIDUE, SUSPENDED (TSS)</b>					
Residue, Suspended (TSS)	ND		EPA 160.2 5.0 mg/L	1	09/14/05 12:00 A

**Qualifiers:**

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		

Client: <i>OGWA</i>						Analysis/Method: <i>038</i>			
Project: <i>Accurate Die Cast</i>						<i>ISS/TAS</i>			
Sampled by: <i>Richard McLaughlin</i>									
Client Contact: <i>Al Farrell</i> Phone # <i>2316</i>									
Sample Description									
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	Comments			
<i>Effluent</i>	<i>9/8/05</i>	<i>10:00</i>	<i>Water</i>	<i>Comp</i>	<i>1</i>				
Relinquished by: <i>Richard McLaughlin</i>			Date: <i>9/8/05</i> Time: <i>13:00</i>			Received by:		Date: _____ Time: _____	
Relinquished by:			Date: _____ Time: _____			Received by:		Date: _____ Time: _____	
Relinquished by:			Date: _____ Time: _____			Received by Lab: <i>OMalk</i>		Date: <i>9/8/05</i> Time: <i>1300</i>	
Shipment Method: <i>Hand</i>						Airbill Number: _____			

Turnaround Time Required:  
 Routine   
 Rush (Specify) \_\_\_\_\_  
 Cooler Temperature: *7°C 100d*

Comments:



**O'Brien & Gere Laboratories, Inc.**

5000 Brittonfield Parkway  
East Syracuse, NY 13057

(315) 437-6100

Thursday, September 22, 2005

Al Farrell  
O'Brien & Gere Engineers, Inc.  
5000 Brittonfield Parkway  
PO Box 4873  
Syracuse, NY 13221-4873

TEL: 315-437-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results

Order No.: 0509077

Dear Al Farrell:

O'Brien & Gere Laboratories, Inc. received 2 sample(s) on 9/15/05 for the analyses presented in the following report.

Very truly yours,  
O'BRIEN & GERE LABORATORIES, INC.

Monika Santucci  
Project Supervisor



# O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

# Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Engineers, Inc.

Project: Former Accurate Die Cast

W Order: 0509077

Matrix: WATER

Inst. ID: MS01\_11

Sample Size: 10 mL

ColumnID: Rtx-VMS

%Moisture:

Revision: 09/20/05 8:51:56 A

TestCode 8260W

Lab ID: 0509077-002A

Client Sample ID: Effluent

Collection Date: 09/15/05 10:00 A

Date Received: 09/15/05 11:10 A

PrepDate:

BatchNo: R2694

FileID: 1-SAMP-T0418.D

Analyte	Result	Qual	PQL	Units	DF	Date Analyzed
<b>VOLATILE ORGANIC COMPOUNDS BY GC/MS</b>				<b>SW8260B</b>		
1,1,2,2-Tetrachloroethane	ND		0.50	µg/L	1	09/19/05 5:58 P
cis-1,2-Dichloroethene	ND		0.50	µg/L	1	09/19/05 5:58 P
Methylene chloride	ND		2.00	µg/L	1	09/19/05 5:58 P
Tetrachloroethene	ND		0.50	µg/L	1	09/19/05 5:58 P
Toluene	ND		0.50	µg/L	1	09/19/05 5:58 P
trans-1,2-Dichloroethene	ND		0.50	µg/L	1	09/19/05 5:58 P
Trichloroethene	ND		0.50	µg/L	1	09/19/05 5:58 P
Surr: 1,2-Dichloroethane-d4	121		75-134	%REC	1	09/19/05 5:58 P
Surr: 4-Bromofluorobenzene	96.0		75-125	%REC	1	09/19/05 5:58 P
Surr: Dibromofluoromethane	117		75-127	%REC	1	09/19/05 5:58 P
Surr: Toluene-d8	108		75-125	%REC	1	09/19/05 5:58 P

Qualifiers: 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



**O'Brien & Gere Laboratories, Inc.**  
 5000 Brittonfield Parkway  
 East Syracuse, NY 13057 (315) 437-6100

# Analytical Results

StateCertNo: 10155

**CLIENT:** O'Brien & Gere Engineers, Inc.  
**Project:** Former Accurate Die Cast  
**W Order:** 0509077  
**Matrix:** WATER

**Lab ID:** 0509077-001A  
**Client Sample ID:** *Effluent*  
**Collection Date:** 09/15/05 10:00 A  
**Date Received:** 09/15/05 11:10 A

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
<b>TOTAL DISSOLVED SOLIDS</b>			<b>EPA 160.1</b>		
Total Dissolved Solids (Residue, Filterable)	660		10 mg/L	1	9/21/2005
<b>RESIDUE, SUSPENDED (TSS)</b>			<b>EPA 160.2</b>		
Residue, Suspended (TSS)	ND		5.0 mg/L	1	9/19/2005

**Qualifiers:**

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		

Client: <u>OGINA</u>						Analysis/Method <u>077</u>						
Project: <u>ACCURATE DMCAST</u>						<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TSS/TPS</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">VOCs 8260</div> </div>						
Sampled by: <u>Richard McLaughlin</u>												
Client Contact: <u>Al Farrer II</u> Phone # <u>2316</u>												
Sample Description												
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers							Comments
<u>Effluent</u>	<u>9/15/05</u>	<u>10:00</u>	<u>WATER</u>	<u>Comp</u>	<u>1</u>	<u>1</u>						
<u>Effluent</u>	<u>9/15/05</u>	<u>10:00</u>	<u>WATER</u>	<u>Grab</u>	<u>3</u>	<u>3</u>						
Relinquished by: <u>Richard McLaughlin</u>				Date: <u>9/15/05</u> Time: <u>11:10</u>		Received by:				Date:            Time:		
Relinquished by:				Date:            Time:		Received by:				Date:            Time:		
Relinquished by:				Date:            Time:		Received by Lab: <u>DMack</u>				Date: <u>9/15/05</u> Time: <u>1110</u>		
Shipment Method: <u>Hand</u>						Airbill Number:						

Turnaround Time Required:     
 Routine      
 Rush (Specify)     
 Cooler Temperature: ice

Comments:



**O'Brien & Gere Laboratories, Inc.**

5000 Brittonfield Parkway  
East Syracuse, NY 13057

(315) 437-6100

Tuesday, October 11, 2005

Al Farrell  
O'Brien & Gere Engineers, Inc.  
5000 Brittonfield Parkway  
PO Box 4873  
Syracuse, NY 13221-4873

TEL: 315-437-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results

Order No.: 0509118

Dear Al Farrell:

O'Brien & Gere Laboratories, Inc. received 1 sample(s) on 9/22/05 for the analyses presented in the following report.

Very truly yours,  
O'BRIEN & GERE LABORATORIES, INC.

Monika Santucci  
Project Supervisor





**O'Brien & Gere Laboratories, Inc.**  
 5000 Brittonfield Parkway  
 East Syracuse, NY 13057 (315) 437-6100

# Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Engineers, Inc.  
 Project: Former Accurate Die Cast  
 W Order: 0509118  
 Matrix: WATER

Lab ID: 0509118-001A  
 Client Sample ID: *WTP Effluent-COMP*  
 Collection Date: 09/22/05 11:00 A  
 Date Received: 09/22/05 1:35 P

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
<b>TOTAL DISSOLVED SOLIDS</b>			<b>EPA 160.1</b>		
Total Dissolved Solids (Residue, Filterable)	650		10 mg/L	1	9/26/2005
<b>RESIDUE, SUSPENDED (TSS)</b>			<b>EPA 160.2</b>		
Residue, Suspended (TSS)	ND		5.0 mg/L	1	9/22/2005

Qualifiers: 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

Client: <i>OGINA</i>						Analysis/Method: <i>118</i>					
Project: <i>Former Accurate Die Cast</i>						<i>TSS/TSS</i>					
Sampled by: <i>Richard McLaughlin</i>											
Client Contact: <i>Al Farrell</i> Phone # <i>2316</i>											
<b>Sample Description</b>											
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	Comments					
<i>WTP Effluent</i>	<i>9/22/05</i>	<i>11:00</i>	<i>Water</i>	<i>Comp</i>	<i>1</i>						
Relinquished by: <i>Richard McLaughlin</i>			Date: <i>9/22/05</i> Time: <i>13:35</i>			Received by:			Date:      Time:		
Relinquished by:			Date:      Time:			Received by:			Date:      Time:		
Relinquished by:			Date:      Time:			Received by Lab: <i>OMAU</i>			Date: <i>9/22/05</i> Time: <i>1335</i>		
Shipment Method: <i>Hand</i>						Airbill Number:					

Turnaround Time Required:  
 Routine   
 Rush (Specify) \_\_\_\_\_  
 Cooler Temperature: *60°C*

Comments:

O'Brien & Gere Laboratories, Inc.

Sample Receipt Checklist

Client Name OBG-MS

Date and Time Received

9/22/2005 1:35:00 PM

Work Order Number 0509118

Received by: srm

Checklist completed by DMack  
Signature

9/22/05  
Date

Reviewed by \_\_\_\_\_  
initials Date

Matrix:

Carrier name: 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 Present

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 VOA vials submitted  Yes  No

Water - pH acceptable upon receipt? N/A Yes  No

Adjusted? \_\_\_\_\_ Checked by \_\_\_\_\_

Any No and/or NA (not applicable) response must be detailed in the comments section below

Client contacted: \_\_\_\_\_ Date contacted: \_\_\_\_\_ Person contacted: \_\_\_\_\_

Contacted by: \_\_\_\_\_ Regarding: \_\_\_\_\_

Comments: Sample is unpreserved

Corrective Action \_\_\_\_\_



**O'Brien & Gere Laboratories, Inc.**

5000 Brittonfield Parkway  
East Syracuse, NY 13057

(315) 437-6100

Tuesday, October 18, 2005

Al Farrell  
O'Brien & Gere Engineers, Inc.  
5000 Brittonfield Parkway  
PO Box 4873  
Syracuse, NY 13221-4873

TEL: 315-437-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results

Order No.: 0509154

Dear Al Farrell:

O'Brien & Gere Laboratories, Inc. received 1 sample(s) on 9/29/05 for the analyses presented in the following report.

Very truly yours,  
O'BRIEN & GERE LABORATORIES, INC.

Monika Santucci  
Project Supervisor



**O'Brien & Gere Laboratories, Inc.**  
 5000 Brittonfield Parkway  
 East Syracuse, NY 13057 (315) 437-6100

# Analytical Results

StateCertNo: 10155

**CLIENT:** O'Brien & Gere Engineers, Inc.  
**Project:** Former Accurate Die Cast  
**W Order:** 0509154  
**Matrix:** WATER

**Lab ID:** 0509154-001A  
**Client Sample ID:** *WTP Effluent-COMP*  
**Collection Date:** 09/29/05 10:00 A  
**Date Received:** 09/29/05 11:10 A

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
<b>TOTAL DISSOLVED SOLIDS</b>			<b>EPA 160.1</b>		
Total Dissolved Solids (Residue, Filterable)	570		10 mg/L	1	9/29/2005
<b>RESIDUE, SUSPENDED (TSS)</b>			<b>EPA 160.2</b>		
Residue, Suspended (TSS)	ND		5.0 mg/L	1	9/29/2005

**Qualifiers:**

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		

Client: <i>OGINA</i>						Analysis/Method <i>154</i>					
Project: <i>Former Accurate Die Cast</i>						<i>TSS/TDS</i>					
Sampled by: <i>Richard McLaughlin</i>											
Client Contact: <i>Al Farrell</i> Phone # <i>2316</i>											
Sample Description											
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	Comments					
<i>WTP Effluent</i>	<i>9/29/05</i>	<i>10:00</i>	<i>Water</i>	<i>Comp</i>	<i>1</i>						
Relinquished by: <i>Richard McLaughlin</i>			Date: <i>9/29/05</i> Time: <i>11:10</i>			Received by:			Date:            Time:		
Relinquished by:			Date:            Time:			Received by:			Date:            Time:		
Relinquished by:			Date:            Time:			Received by Lab: <i>OMAU</i>			Date: <i>9/29/05</i> Time: <i>1110</i>		
Shipment Method: <i>Hand</i>						Airbill Number:					

Turnaround Time Required:  Routine  Rush (Specify) \_\_\_\_\_  
 Cooler Temperature: *6°C*

Comments:

O'Brien & Gere Laboratories, Inc.

Sample Receipt Checklist

Client Name OBG-MS

Date and Time Received

9/29/2005 11:10:00 AM

Work Order Number 0509154

Received by: srm

Checklist completed by *Amack* 9/29/05  
Signature Date

Reviewed by *ms* 9/29/05  
Initials Date

Matrix:

Carrier name: 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 Present
  - 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 VOA vials submitted  Yes  No
  - Water - pH acceptable upon receipt? N/A Yes  No
- Adjusted? \_\_\_\_\_ Checked by \_\_\_\_\_

Any No and/or NA (not applicable) response must be detailed in the comments section bel

Client contacted: \_\_\_\_\_ Date contacted: \_\_\_\_\_ Person contacted \_\_\_\_\_

Contacted by: \_\_\_\_\_ Regarding: \_\_\_\_\_

Comments: Sample is unpreserved

Corrective Action \_\_\_\_\_

**END**

**OF**

**DOCUMENT**