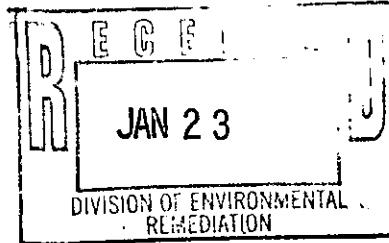


report. hw 734052. 2003. Site  
management. pdf



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



VN  
7-34-052

January 17, 2003

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 groundwater treatment plant operations for the former Accurate Die Casting site in Fayetteville, New York for December 2002. This report 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 January 2, 2002, a total of 51,884,620 gallons of groundwater has been treated since startup on February 5, 1996. Since December 2, 2002, 353,310 gallons of groundwater was treated; 150,580 gallons from recovery well RW-1, 202,710 gallons from recovery well RW-2, and 20 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,
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 December 2002 are summarized in Table 1. The laboratory analytical data sheets are provided as Attachment A.

**Activities Scheduled:**

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



Mr. John C. Grathwol, P.E.

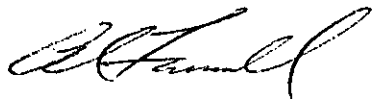
January 17, 2003

Page 2

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

Very truly yours,

O'BRIEN & GERE ENGINEERS, INC.



Alfred R. Farrell, P.E.  
Senior Project Engineer

I:\DIV71\PROJECTS\2488\25463\2\_CORRES\12-2002MOR.doc

Attachments

cc: A. English – NYSDEC  
James Burke – NYSDEC Region 7  
Director, Bureau of Environmental Exposure Investigation – NYSDOH  
H. Hamel – NYSDOH  
P. Anderson – The Anderson Company  
D. Carnevale – O'Brien & Gere Engineers, Inc.  
J. Sperry – 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	12/03/2002	12/05/2002	12/10/2002	12/11/2002
Flow (GPD)	Monitor	150000	Continuous	Meter	15120	15120	5890	--
pH (SU)	6.5 - 8.5		2/Week	Grab	8.59	8.54	8.46	--
Residue, non-filterable (mg/L)	Monitor	20	Weekly	3-hr comp.	5.0 U	--	--	5.0 U
Total dissolved solids (TDS) (mg/L)	Monitor	Monitor	Weekly	3-hr comp.	910	--	--	460
CBOD5 (mg/L)	Monitor	Monitor	Quarterly	3-hr comp.	--	--	--	--
TKN (mg/L)	Monitor	Monitor	Quarterly	3-hr comp.	--	--	--	--
TOD (mg/L)	Monitor	15	Quarterly	Calculated	--	--	--	--
Dissolved Oxygen (mg/L)	Monitor	7 Min.	Quarterly	Grab	--	--	--	--
Aluminum, dissolved (mg/L)	Monitor	0.2	Quarterly	3-hr comp.	--	--	--	--
Antimony, total (mg/L)	Monitor	0.1	Quarterly	3-hr comp.	--	--	--	--
Chromium, total (mg/L)	Monitor	0.5	Quarterly	3-hr comp.	--	--	--	--
Cobalt, total (mg/L)	Monitor	0.01	Quarterly	3-hr comp.	--	--	--	--
Copper, total (mg/L)	Monitor	0.1	Quarterly	3-hr comp.	--	--	--	--
Iron, total (mg/L)	Monitor	0.3	Quarterly	3-hr comp.	--	--	--	--
Lead, total (mg/L)	Monitor	0.02	Quarterly	3-hr comp.	--	--	--	--
Mercury, total (mg/L)	Monitor	0.0008	2/Month	3-hr comp.	0.00020 U	--	--	--
Nickel, total (mg/L)	Monitor	0.2	Quarterly	3-hr comp.	--	--	--	--
Silver, total (mg/L)	Monitor	0.1	Quarterly	3-hr comp.	--	--	--	--
Vanadium, total (mg/L)	Monitor	0.03	Quarterly	3-hr comp.	--	--	--	--
Zinc, total (mg/L)	Monitor	0.3	2/Month	3-hr comp.	0.010	--	--	--
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	50	2/Month	Grab	2.0 U	--	--	--
1,1,2,2-Tetrachloroethane (ug/L)	Monitor	30	2/Month	Grab	0.50 U	--	--	--
Tetrachloroethene (ug/L)	Monitor	20	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	--	--	--
Acetone (ug/L)	Monitor	1000	2/Month	Grab	10 U	--	--	--
2-Hexanone (ug/L)	Monitor	1000	2/Month	Grab	5.0 U	--	--	--
4-Methyl-2-pentanone (MIBK) (ug/L)	Monitor	1000	2/Month	Grab	5.0 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

TOD = 1.5 X CBOD5 + 4.5 X TKN

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

Analyte	Effluent 12/12/2002	Effluent 12/17/2002	Effluent 12/19/2002	Effluent 12/24/2002	Effluent 12/26/2002	Effluent 12/31/2002
Flow (GPD)	5980	6000	6520	13720	13935	14208
pH (SU)	8.5	8.57	8.59	8.55	8.53	8.52
Residue, non-filterable (mg/L)	---	5.0 U	---	5.0 U	---	---
Total dissolved solids (TDS) (mg/L)	---	450	---	940	---	---
CBOD5 (mg/L)	---	---	---	---	---	---
TKN (mg/L)	---	---	---	---	---	---
TOD (mg/L)	---	---	---	---	---	---
Dissolved Oxygen (mg/L)	---	---	---	---	---	---
Aluminum, dissolved (mg/L)	---	---	---	---	---	---
Antimony, total (mg/L)	---	---	---	---	---	---
Chromium, total (mg/L)	---	---	---	---	---	---
Cobalt, total (mg/L)	---	---	---	---	---	---
Copper, total (mg/L)	---	---	---	---	---	---
Iron, total (mg/L)	---	---	---	---	---	---
Lead, total (mg/L)	---	---	---	---	---	---
Mercury, total (mg/L)	---	0.00020 U	---	---	---	---
Nickel, total (mg/L)	---	---	---	---	---	---
Silver, total (mg/L)	---	---	---	---	---	---
Vanadium, total (mg/L)	---	---	---	---	---	---
Zinc, total (mg/L)	---	0.014	---	---	---	---
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	---	---	---	---
Acetone (ug/L)	---	10 U	---	---	---	---
2-Hexanone (ug/L)	---	5.0 U	---	---	---	---
4-Methyl-2-pentanone (MIBK) (ug/L)	---	5.0 U	---	---	---	---

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

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

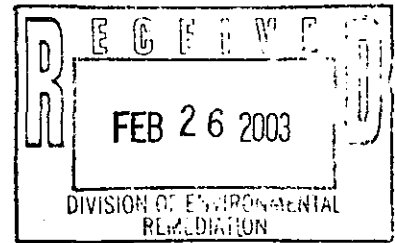
U - Not Detected, J - Estimated

TOD = 1.5 X CBOD5 + 4.5 X TKN



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

7-34-052 VN



February 21, 2003

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 groundwater treatment plant operations for the former Accurate Die Casting site in Fayetteville, New York for January 2003. This report 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 January 31, 2003, a total of 52,310,790 gallons of groundwater has been treated since startup on February 5, 1996. Since January 2, 2003, 426,170 gallons of groundwater was treated; 197,090 gallons from recovery well RW-1, and 229,080 gallons from recovery well RW-2. No water was recovered from the sump located outside the northeast corner of the building, or 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 2003 are summarized in Table 1. The laboratory analytical data sheets are provided as Attachment A.

**Activities Scheduled:**

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



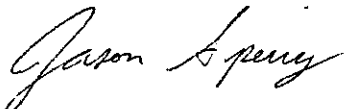
O'Brien & Gere Engineers, Inc., an O'Brien & Gere company  
5000 Brittonfield Parkway / P.O. Box 4873, Syracuse, New York 13221-4873  
(315) 437-6100 / FAX (315) 463-7554 • [http:// www.obg.com](http://www.obg.com)  
... and offices in major U.S. cities

Mr. John C. Grathwol, P.E.  
February 21, 2003  
Page 2

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

Very truly yours,

O'BRIEN & GERE ENGINEERS, INC.



Jason Sperry  
Staff Engineer

I:\DIV71\PROJECTS\2488\25463\2\_CORRES\1-2003MOR.doc

Attachments

cc:  English - NYSDEC  
James Burke - NYSDEC Region 7  
Director, Bureau of Environmental Exposure Investigation - NYSDOH  
H. Hamel - NYSDOH  
P. Anderson - The Anderson Company  
J. Sutphen - O'Brien & Gere, Office of General Counsel  
G. Swenson - O'Brien & Gere Engineers, Inc.  
A. Farrell - 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	01/02/2003	01/03/2003	01/07/2003	01/09/2003
Flow (GPD)	Monitor	150000	Continuous	Meter	---	14700	14920	14870
pH (SU)	6.5 - 8.5		2/Week	Grab	---	8.52	8.52	8.52
Residue, non-filterable (mg/L)	Monitor	20	Weekly	3-hr comp.	5 U	---	---	---
Total dissolved solids (TDS) (mg/L)	Monitor	Monitor	Weekly	3-hr comp.	---	---	660	---
CBOD5 (mg/L)	Monitor	Monitor	Quarterly	3-hr comp.	---	---	---	---
TKN (mg/L)	Monitor	Monitor	Quarterly	3-hr comp.	---	---	---	---
TOD (mg/L)	Monitor	15	Quarterly	Calculated	---	---	---	---
Dissolved Oxygen (mg/L)	Monitor	7 Min.	Quarterly	Grab	---	---	---	---
Aluminum, dissolved (mg/L)	Monitor	0.2	Quarterly	3-hr comp.	0.1 U	---	---	---
Antimony, total (mg/L)	Monitor	0.1	Quarterly	3-hr comp.	0.06 U	---	---	---
Chromium, total (mg/L)	Monitor	0.5	Quarterly	3-hr comp.	0.01 U	---	---	---
Cobalt, total (mg/L)	Monitor	0.01	Quarterly	3-hr comp.	0.05 U	---	---	---
Copper, total (mg/L)	Monitor	0.1	Quarterly	3-hr comp.	0.01 U	---	---	---
Iron, total (mg/L)	Monitor	0.3	Quarterly	3-hr comp.	0.05 U	---	---	---
Lead, total (mg/L)	Monitor	0.02	Quarterly	3-hr comp.	0.005 U	---	---	---
Mercury, total (mg/L)	Monitor	0.0008	2/Month	3-hr comp.	0.0002 U	---	---	---
Nickel, total (mg/L)	Monitor	0.2	Quarterly	3-hr comp.	0.05 U	---	---	---
Silver, total (mg/L)	Monitor	0.1	Quarterly	3-hr comp.	0.01 U	---	---	---
Vanadium, total (mg/L)	Monitor	0.03	Quarterly	3-hr comp.	0.05 U	---	---	---
Zinc, total (mg/L)	Monitor	0.3	2/Month	3-hr comp.	0.01 U	---	---	---
cis-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab	0.5 U	---	---	---
trans-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab	0.5 U	---	---	---
Methylene chloride (ug/L)	Monitor	50	2/Month	Grab	2 U	---	---	---
1,1,2,2-Tetrachloroethane (ug/L)	Monitor	30	2/Month	Grab	0.5 U	---	---	---
Tetrachloroethene (ug/L)	Monitor	20	2/Month	Grab	0.5 U	---	---	---
Toluene (ug/L)	Monitor	20	2/Month	Grab	0.5 U	---	---	---
Trichloroethene (ug/L)	Monitor	10	2/Month	Grab	0.5 U	---	---	---
Acetone (ug/L)	Monitor	1000	2/Month	Grab	10 U	---	---	---
2-Hexanone (ug/L)	Monitor	1000	2/Month	Grab	5 U	---	---	---
4-Methyl-2-pentanone (MIBK) (ug/L)	Monitor	1000	2/Month	Grab	5 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

TOD = 1.5 X CBOD5 + 4.5 X TKN



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

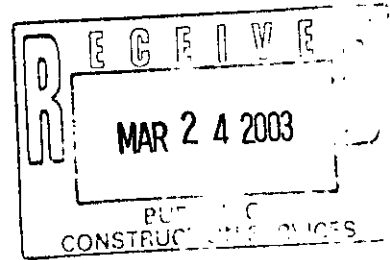
Analyte	Effluent 01/14/2003	Effluent 01/16/2003	Effluent 01/21/2003	Effluent 01/22/2003	Effluent 01/23/2003	Effluent 01/28/2003	Effluent 01/30/2003
Flow (GPD)	14485	14674	14890	---	14451	14430	14671
pH (SU)	8.52	8.52	8.5	---	8.49	8.48	8.5
Residue, non-filterable (mg/L)	5 U	---	---	5 U	---	5 U	---
Total dissolved solids (TDS) (mg/L)	680	---	---	680	---	670	---
CBOD5 (mg/L)	---	---	---	---	---	---	---
TKN (mg/L)	---	---	---	---	---	---	---
TOD (mg/L)	---	---	---	---	---	---	---
Dissolved Oxygen (mg/L)	---	---	---	---	---	---	---
Aluminum, dissolved (mg/L)	---	---	---	---	---	---	---
Antimony, total (mg/L)	---	---	---	---	---	---	---
Chromium, total (mg/L)	---	---	---	---	---	---	---
Cobalt, total (mg/L)	---	---	---	---	---	---	---
Copper, total (mg/L)	---	---	---	---	---	---	---
Iron, total (mg/L)	---	---	---	---	---	---	---
Lead, total (mg/L)	---	---	---	---	---	---	---
Mercury, total (mg/L)	0.0002 U	---	---	---	---	---	---
Nickel, total (mg/L)	---	---	---	---	---	---	---
Silver, total (mg/L)	---	---	---	---	---	---	---
Vanadium, total (mg/L)	---	---	---	---	---	---	---
Zinc, total (mg/L)	0.01 U	---	---	---	---	---	---
cis-1,2-Dichloroethene (ug/L)	0.5 U	---	---	---	---	---	---
trans-1,2-Dichloroethene (ug/L)	0.5 U	---	---	---	---	---	---
Methylene chloride (ug/L)	2 U	---	---	---	---	---	---
1,1,2,2-Tetrachloroethane (ug/L)	0.5 U	---	---	---	---	---	---
Tetrachloroethene (ug/L)	0.5 U	---	---	---	---	---	---
Toluene (ug/L)	0.5 U	---	---	---	---	---	---
Trichloroethene (ug/L)	0.5 U	---	---	---	---	---	---
Acetone (ug/L)	10 U	---	---	---	---	---	---
2-Hexanone (ug/L)	5 U	---	---	---	---	---	---
4-Methyl-2-pentanone (MIBK) (ug/L)	5 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

TOD = 1.5 X CBOD5 + 4.5 X TKN



March 21, 2003

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 groundwater treatment plant operations for the former Accurate Die Casting site in Fayetteville, New York for February 2003. This report 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 February 28, 2003, a total of 52,712,750 gallons of groundwater has been treated since startup on February 5, 1996. Since February 28, 2003, 401,950 gallons of groundwater has been treated; 179,910 gallons from recovery well RW-1, 221,710 gallons from recovery well RW-2, 320 gallons from the sump located outside the northeast corner of the building, and 10 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 February 2003 are summarized in Table 1. The laboratory analytical data sheets are provided as Attachment A.

**Activities Scheduled:**

1. Continued operation of the ground water recovery and treatment system, including SPDES monitoring.
2. Conduct semi-annual ground water monitoring in accordance with the January 4, 2002 letter from the New York State Department of Environmental Conservation.



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.

March 21, 2003

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.



Jason Sperry  
Staff Engineer

I:\DIV71\PROJECTS\2488\25463\2\_CORRES\2-2003MOR.doc

Attachments

cc: A. English – NYSDEC  
James Burke – NYSDEC Region 7  
Director, Bureau of Environmental Exposure Investigation – NYSDOH  
H. Hamel – NYSDOH  
P. Anderson – The Anderson Company  
J. Sutphen – O'Brien & Gere, Office of General Counsel  
G. Swenson – O'Brien & Gere Engineers, Inc.  
A. Farrell – 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	02/04/2003	02/06/2003	02/11/2003	02/13/2003
Flow (GPD)	Monitor	150000	Continuous	Meter	14361	14341	14702	14522
pH (SU)	6.5 - 8.5		2/Week	Grab	8.50	8.50	8.48	8.48
Residue, non-filterable (mg/L)	Monitor	20	Weekly	3-hr comp.	5 U	---	5 U	---
Total dissolved solids (TDS) (mg/L)	Monitor	Monitor	Weekly	3-hr comp.	680	---	670	---
CBOD5 (mg/L)	Monitor	Monitor	Quarterly	3-hr comp.	---	---	---	---
TKN (mg/L)	Monitor	Monitor	Quarterly	3-hr comp.	---	---	---	---
TOD (mg/L)	Monitor	15	Quarterly	Calculated	---	---	---	---
Dissolved Oxygen (mg/L)	Monitor	7 Min.	Quarterly	Grab	---	---	---	---
Aluminum, dissolved (mg/L)	Monitor	0.2	Quarterly	3-hr comp.	---	---	---	---
Antimony, total (mg/L)	Monitor	0.1	Quarterly	3-hr comp.	---	---	---	---
Chromium, total (mg/L)	Monitor	0.5	Quarterly	3-hr comp.	---	---	---	---
Cobalt, total (mg/L)	Monitor	0.01	Quarterly	3-hr comp.	---	---	---	---
Copper, total (mg/L)	Monitor	0.1	Quarterly	3-hr comp.	---	---	---	---
Iron, total (mg/L)	Monitor	0.3	Quarterly	3-hr comp.	---	---	---	---
Lead, total (mg/L)	Monitor	0.02	Quarterly	3-hr comp.	---	---	---	---
Mercury, total (mg/L)	Monitor	0.0008	2/Month	3-hr comp.	---	---	---	---
Nickel, total (mg/L)	Monitor	0.2	Quarterly	3-hr comp.	---	---	---	---
Silver, total (mg/L)	Monitor	0.1	Quarterly	3-hr comp.	---	---	---	---
Vanadium, total (mg/L)	Monitor	0.03	Quarterly	3-hr comp.	---	---	---	---
Zinc, total (mg/L)	Monitor	0.3	2/Month	3-hr comp.	---	---	---	---
cis-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab	0.5 U	---	---	---
trans-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab	0.5 U	---	---	---
Methylene chloride (ug/L)	Monitor	50	2/Month	Grab	2 U	---	---	---
1,1,2,2-Tetrachloroethane (ug/L)	Monitor	30	2/Month	Grab	0.5 U	---	---	---
Tetrachloroethene (ug/L)	Monitor	20	2/Month	Grab	0.5 U	---	---	---
Toluene (ug/L)	Monitor	20	2/Month	Grab	0.5 U	---	---	---
Trichloroethene (ug/L)	Monitor	10	2/Month	Grab	0.5 U	---	---	---
Acetone (ug/L)	Monitor	1000	2/Month	Grab	10 U	---	---	---
2-Hexanone (ug/L)	Monitor	1000	2/Month	Grab	5 U	---	---	---
4-Methyl-2-pentanone (MIBK) (ug/L)	Monitor	1000	2/Month	Grab	5 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

TOD = 1.5 X CBOD5 + 4.5 X TKN

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

Analyte	Effluent 02/18/2003	Effluent 02/20/2003	Effluent 02/25/2003	Effluent 02/26/2003	Effluent 02/27/2003
Flow (GPD)	14410	14390	14823	---	14567
pH (SU)	8.46	8.48	8.50	---	8.48
Residue, non-filterable (mg/L)	---	5 U	---	5 U	---
Total dissolved solids (TDS) (mg/L)	---	660	---	690	---
CBOD5 (mg/L)	---	---	---	---	---
TKN (mg/L)	---	---	---	---	---
TOD (mg/L)	---	---	---	---	---
Dissolved Oxygen (mg/L)	---	---	---	---	---
Aluminum, dissolved (mg/L)	---	---	---	---	---
Antimony, total (mg/L)	---	---	---	---	---
Chromium, total (mg/L)	---	---	---	---	---
Cobalt, total (mg/L)	---	---	---	---	---
Copper, total (mg/L)	---	---	---	---	---
Iron, total (mg/L)	---	---	---	---	---
Lead, total (mg/L)	---	---	---	---	---
Mercury, total (mg/L)	---	---	---	---	---
Nickel, total (mg/L)	---	---	---	---	---
Silver, total (mg/L)	---	---	---	---	---
Vanadium, total (mg/L)	---	---	---	---	---
Zinc, total (mg/L)	---	---	---	---	---
cis-1,2-Dichloroethene (ug/L)	---	0.5 U	---	---	---
trans-1,2-Dichloroethene (ug/L)	---	0.5 U	---	---	---
Methylene chloride (ug/L)	---	2 U	---	---	---
1,1,2,2-Tetrachloroethane (ug/L)	---	0.5 U	---	---	---
Tetrachloroethene (ug/L)	---	0.5 U	---	---	---
Toluene (ug/L)	---	0.5 U	---	---	---
Trichloroethene (ug/L)	---	0.5 U	---	---	---
Acetone (ug/L)	---	10 U	---	---	---
2-Hexanone (ug/L)	---	5 U	---	---	---
4-Methyl-2-pentanone (MIBK) (ug/L)	---	5 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

TOD = 1.5 X CBOD5 + 4.5 X TKN

**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#: 4521  
 Sample: A1329  
 Sample Description: WTP Influent  
 Instrument: HP5970 GC/MS#2  
 Units: ug/L  
 Number of analytes: 10

Job No.: 3027.001.11102  
 Certification NY No.: 10155

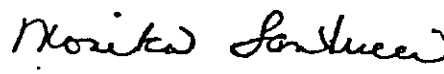
Collected: 02/04/03 Matrix: Water  
 Received: 02/04/03 QC Batch: 020403W2  
 Prepared: 02/04/03 %Solids:  
 Sample Size: 25 mL  
 Dilution: 25

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>PQL</u>	<u>Analyzed Notes</u>
Acetone	<250.	U	250	02/04/03
Methylene chloride	<50.	U	50	02/04/03
trans-1,2-Dichloroethene	<12.	U	12	02/04/03
cis-1,2-Dichloroethene	<12.	U	12	02/04/03
Trichloroethene	670.		12	02/04/03
4-Methyl-2-pentanone	<120.	U	120	02/04/03
Toluene	<12.	U	12	02/04/03
2-Hexanone	<120.	U	120	02/04/03
Tetrachloroethene	<12.	U	12	02/04/03
1,1,2,2-Tetrachloroethane	<12.	U	12	02/04/03

<u>Surrogate</u>	<u>%R</u>	<u>Qual</u>	<u>%R Limits</u>
Dibromofluoromethane (surrogate)	106		71 - 130
1,2-Dichloroethane-d4 (surrogate)	113		76 - 126
Toluene-d8 (surrogate)	98		82 - 119
Bromofluorobenzene (surrogate)	97		75 - 119

**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 5, 2003 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#: 4521  
 Sample: A1330  
 Sample Description: WTP Between Carbons  
 Instrument: HP5970 GC/MS#2  
 Units: ug/L  
 Number of analytes: 10

Job No.: 3027.001.11102  
 Certification NY No.: 10155


Collected: 02/04/03 Matrix: Water  
 Received: 02/04/03 QC Batch: 020403W2  
 Prepared: 02/04/03 %Solids:  
 Sample Size: 25 mL  
 Dilution: 1

Parameter	Result	Qual	PQL	Analyzed Notes
Acetone	<10.	U	10	02/04/03
Methylene chloride	<2.0	U	2	02/04/03
trans-1,2-Dichloroethene	<.50	U	.5	02/04/03
cis-1,2-Dichloroethene	4.5		.5	02/04/03
Trichloroethene	9.7		.5	02/04/03
4-Methyl-2-pentanone	<5.0	U	5	02/04/03
Toluene	<.50	U	.5	02/04/03
2-Hexanone	<5.0	U	5	02/04/03
Tetrachloroethene	<.50	U	.5	02/04/03
1,1,2,2-Tetrachloroethane	<.50	U	.5	02/04/03

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	107		71 - 130
1,2-Dichloroethane-d4 (surrogate)	114		76 - 126
Toluene-d8 (surrogate)	100		82 - 119
Bromofluorobenzene (surrogate)	95		75 - 119

**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 5, 2003 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#: 4521  
 Sample: A1331  
 Sample Description: WTP Effluent-07:30  
 Instrument: HP5970 GC/MS#2  
 Units: ug/L  
 Number of analytes: 10

Job No.: 3027.001.11102  
 Certification NY No.: 10155

Collected: 02/04/03 Matrix: Water  
 Received: 02/04/03 QC Batch: 020403W2  
 Prepared: 02/04/03 %Solids:  
 Sample Size: 25 mL  
 Dilution: 1

Parameter	Result	Qual	PQL	Analyzed Notes
Acetone	<10.	U	10	02/04/03
Methylene chloride	<2.0	U	2	02/04/03
trans-1,2-Dichloroethene	<.50	U	.5	02/04/03
cis-1,2-Dichloroethene	<.50	U	.5	02/04/03
Trichloroethene	<.50	U	.5	02/04/03
4-Methyl-2-pentanone	<5.0	U	5	02/04/03
Toluene	<.50	U	.5	02/04/03
2-Hexanone	<5.0	U	5	02/04/03
Tetrachloroethene	<.50	U	.5	02/04/03
1,1,2,2-Tetrachloroethane	<.50	U	.5	02/04/03

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	107		71 - 130
1,2-Dichloroethane-d4 (surrogate)	113		76 - 126
Toluene-d8 (surrogate)	100		82 - 119
Bromofluorobenzene (surrogate)	94		75 - 119

**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 5, 2003 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#: 4521  
Sample: A1332  
Sample Description: WTP Effluent-08:30  
Units: mg/L

Job No.: 3027 . 001 . 11102  
Certification NY No.: 10155

Collected: 02/04/03      Matrix: Water  
Received: 02/04/03      %Solids:  
Number of analytes: 2

Parameter	Result	Q	Method	PQL	Prepared	Analyzed	QC Batch	Dil	Note
Mercury	<.00020	U	245.1	.00020	02/10/03	02/10/03	021003W1	1	
Zinc	.15		200.7	.010	02/05/03	02/06/03	020503W1	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 14, 2003      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:

Job No.: 3027.001.11102  
Certification NY No.: 10155

Package#: 4521  
Sample: A1332  
Samp. Description: WTP Effluent-08:30

Collected: 02/04/03 08:30  
Received: 02/04/03 09:08  
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	680.		mg/L	EPA 160.1	10.	02/06/03	020603W15	1	
Total suspended solids	<5.0	U	mg/L	EPA 160.2	5.0	02/06/03	020603W14	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:   
Date: February 10, 2003 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 Dig</u>						<div style="text-align: center; font-size: 2em;">4521</div> <div style="display: flex; justify-content: space-around;"> <span>VOC's</span> <span>TSS/TDS</span> <span>HAIZEN</span> </div>							
Sampled by: <u>MARTIN Koennicke</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>Influent</u>	<u>2-4-03</u>	<u>7:30</u>	<u>water</u>	<u>GRAB</u>	<u>2</u>	<u>2</u>							
<u>Between carbon</u>	<u>2-4-03</u>	<u>7:30</u>	<u>water</u>	<u>GRAB</u>	<u>2</u>	<u>2</u>							
<u>Effluent</u>	<u>2-4-03</u>	<u>7:30</u>	<u>water</u>	<u>GRAB</u>	<u>2</u>	<u>2</u>							
<u>Effluent</u>	<u>2-4-03</u>	<u>8:30</u>	<u>water</u>	<u>Comp</u>	<u>2</u>		<u>1</u>	<u>1</u>					
Relinquished by: <u>Martin Koennicke</u>				Date: <u>2-4-03</u> Time: <u>9:08</u>		Received by:				Date: _____ Time: _____			
Relinquished by:				Date: _____ Time: _____		Received by:				Date: _____ Time: _____			
Relinquished by:				Date: _____ Time: _____		Received by Lab: <u>Laura L. Moe</u>				Date: <u>2/4/03</u> Time: <u>9:08</u>			
Shipment Method: <u>HAND</u>						Airbill Number: _____							

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

Comments:

Cooler Temperature: 5°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#: 4572  
Sample: A1530  
Samp. Description: WTP Effluent

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 02/11/03  
Received: 02/11/03 10:00  
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	670.		mg/L	EPA 160.1	10.	02/14/03	021403W28	1	
Total suspended solids	<5.0	U	mg/L	EPA 160.2	5.0	02/12/03	021203W23	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 19, 2003 Monika Santucci

O'Brien & Gere Laboratories, Inc.

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

Chain of Custody

Client: <i>O'Brien</i>						Analysis/Method									
Project: <i>Former Accuracy Die</i>						<i>4572</i> <i>TSS, TDS</i>									
Sampled by: <i>Martin Koennecke</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>2-11-03</i>	<i>8:45</i>	<i>Water</i>	<i>Comp</i>	<i>1</i>	<i>1</i>								
Relinquished by: <i>Martin Koennecke</i>						Date: <i>2-11-03</i> Time: <i>10:00</i>		Received by:				Date:	Time:		
Relinquished by:						Date:		Time:		Received by:				Date:	Time:
Relinquished by:						Date:		Time:		Received by Lab: <i>Laura C. Moe</i>				Date: <i>2/11/03</i>	Time: <i>10:00</i>
Shipment Method: <i>Hand</i>						Airbill Number:									

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

Comments:

Cooler Temperature: *-2°C*

# 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#: 4635  
 Sample: A1758  
 Sample Description: WTP Effluent - Grab  
 Instrument: HP5973 GCMS#3  
 Units: ug/L  
 Number of analytes: 10

Job No.: 3027.001.11102  
 Certification NY No.: 10155

Collected: 02/20/03 Matrix: Water  
 Received: 02/20/03 QC Batch: 022003W3  
 Prepared: 02/20/03 %Solids:  
 Sample Size: 10 mL  
 Dilution: 1

Parameter	Result	Qual	PQL	Analyzed Notes
Acetone	<10.	U	10	02/20/03
Methylene chloride	<2.0	U	2	02/20/03
trans-1,2-Dichloroethene	<.50	U	.5	02/20/03
cis-1,2-Dichloroethene	<.50	U	.5	02/20/03
Trichloroethene	<.50	U	.5	02/20/03
4-Methyl-2-pentanone	<5.0	U	5	02/20/03
Toluene	<.50	U	.5	02/20/03
2-Hexanone	<5.0	U	5	02/20/03
Tetrachloroethene	<.50	U	.5	02/20/03
1,1,2,2-Tetrachloroethane	<.50	U	.5	02/20/03

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	104		71-130
1,2-Dichloroethane-d4 (surrogate)	102		76-126
Toluene-d8 (surrogate)	97		82-119
Bromofluorobenzene (surrogate)	92		75-119

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 20, 2003 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#: 4635  
Sample: A1759  
Sample Description: WTP Effluent - Composite  
Units: mg/L

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 02/20/03      Matrix: Water  
Received: 02/20/03      %Solids:  
Number of analytes: 2

Parameter	Result	Q	Method	PQL	Prepared	Analyzed	QC Batch	Dil	Note
Mercury	<.00020	U	245.1	.00020	02/25/03	02/26/03	022503W2	1	
Zinc	.012		200.7	.010	02/25/03	02/26/03	022503W2	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 3, 2003      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#: 4635  
Sample: A1759  
Samp. Description: WTP Effluent - Composite

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 02/20/03  
Received: 02/20/03 11:30  
Matrix: Water  
Number of Analytes: 2

Parameter	Result	Q	Units	Method	PQL	Analyzed	QC Batch	Dil	Note
Total dissolved solids	660.		mg/L	EPA 160.1	10.	02/21/03	022103W25	1	
Total suspended solids	<5.0	U	mg/L	EPA 160.2	5.0	02/21/03	022103W24	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 26, 2003 Monika Santucci

# O'Brien & Gere Laboratories, Inc.

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

# Chain of Custody

4635

Client: <u>OGINA</u>						Analysis/Method							
Project: <u>Former Accurate Die</u>						<div style="display: flex; justify-content: space-around;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">VOC's</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TSS, TDS</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Hg, Zn</div> </div>							
Sampled by: <u>MARTIN KOENNECKE</u>													
Client Contact: <u>JASON SPERRY</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>2-20-03</u>	<u>7:15</u>	<u>Water</u>	<u>Grab</u>	<u>2</u>								
<u>WTP Effluent</u>	<u>2-20-03</u>	<u>8:30</u>	<u>Water</u>	<u>Comp</u>	<u>2</u>								
Relinquished by: <u>Martin Koenecke</u> Date: <u>2-20-03</u> Time: <u>11:30</u>						Received by: _____ Date: _____ Time: _____							
Relinquished by: _____ Date: _____ Time: _____						Received by: _____ Date: _____ Time: _____							
Relinquished by: _____ Date: _____ Time: _____						Received by Lab: <u>Lauren Mow</u> Date: <u>2/20/03</u> Time: <u>11:30</u>							
Shipment Method: <u>Hand</u>						Airbill Number: _____							

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

Comments:

Cooler Temperature: 6°C well-iced

**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#: 4671  
Sample: A1913  
Samp. Description: WTP Effluent

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 02/26/03 08:45  
Received: 02/26/03 09:35  
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	690.		mg/L	EPA 160.1	10.	03/03/03	030303W21	1	
Total suspended solids	<5.0	U	mg/L	EPA 160.2	5.0	03/03/03	030303W22	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 5, 2003      Monika Santucci

# O'Brien & Gere Laboratories, Inc.

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

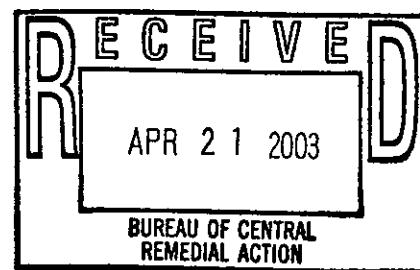
# Chain of Custody

Client: <u>OGINA</u>						Analysis/Method								
Project: <u>Former Accurate Die</u>						4671 TSS, TDS								
Sampled by: <u>MARTIN Koennicke</u>														
Client Contact: <u>JASON SPERRY</u> Phone # <u>Div. 71</u>														
Sample Description														
Sample Location		Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers								
<u>WTP</u>	<u>EFFLUENT</u>	<u>2-26-03</u>	<u>8:45</u>	<u>water</u>	<u>Comp</u>	<u>1</u>								
Relinquished by: <u>Martin Koennicke</u>		Date: <u>2-26-03</u> Time: <u>9:35</u>		Received by:				Date: _____ Time: _____						
Relinquished by:		Date: _____ Time: _____		Received by:				Date: _____ Time: _____						
Relinquished by:		Date: _____ Time: _____		Received by Lab: <u>Laura L. Roe</u>				Date: <u>2/26/03</u> Time: <u>9:35</u>						
Shipment Method: <u>HAND</u>						Akbill Number: _____								

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

Comments:

Cooler Temperature: 5°C



April 18, 2003

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 March 2003. This report 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, 2003, a total of 53,163,930 gallons of groundwater has been treated since startup on February 5, 1996. Since February 28, 2003, 451,190 gallons of groundwater have been treated; 196,640 gallons from recovery well RW-1, 252,730 gallons from recovery well RW-2, 1,820 gallons from the sump located outside the northeast corner of the building, and 0 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 March 2003 are summarized in Table 1. The laboratory analytical data sheets are provided as Attachment A.

**Activities Scheduled:**

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



Mr. John C. Grathwol, P.E.

April 18, 2003

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.



Jason Sperry  
Staff Engineer

I:\DIV71\PROJECTS\2488\25463\2\_CORRES\3-2003MOR.doc

Attachments

cc: A. English – NYSDEC  
James Burke – NYSDEC Region 7  
Director, Bureau of Environmental Exposure Investigation – NYSDOH  
H. Hamel – NYSDOH  
P. Anderson – The Anderson Company  
J. Sutphen – O'Brien & Gere, Office of General Counsel  
G. Swenson – O'Brien & Gere Engineers, Inc.  
A. Farrell – 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	03/04/2003	03/06/2003	03/11/2003	03/12/2003
Flow (GPD)	Monitor	150000	Continuous	Meter	14320	14436	14348	---
pH (SU)	6.5 - 8.5		2/Week	Grab	8.5	8.51	8.5	---
Residue, non-filterable (mg/L)	Monitor	20	Weekly	3-hr comp.	5.0 U	---	---	5.0 U
Total dissolved solids (TDS) (mg/L)	Monitor	Monitor	Weekly	3-hr comp.	730	---	---	670
CBOD5 (mg/L)	Monitor	Monitor	Quarterly	3-hr comp.	---	---	---	---
TKN (mg/L)	Monitor	Monitor	Quarterly	3-hr comp.	---	---	---	---
TOD (mg/L)	Monitor	15	Quarterly	Calculated	---	---	---	---
Dissolved Oxygen (mg/L)	Monitor	7 Min.	Quarterly	Grab	---	---	---	---
Aluminum, dissolved (mg/L)	Monitor	0.2	Quarterly	3-hr comp.	---	---	---	---
Antimony, total (mg/L)	Monitor	0.1	Quarterly	3-hr comp.	---	---	---	---
Chromium, total (mg/L)	Monitor	0.5	Quarterly	3-hr comp.	---	---	---	---
Cobalt, total (mg/L)	Monitor	0.01	Quarterly	3-hr comp.	---	---	---	---
Copper, total (mg/L)	Monitor	0.1	Quarterly	3-hr comp.	---	---	---	---
Iron, total (mg/L)	Monitor	0.3	Quarterly	3-hr comp.	---	---	---	---
Lead, total (mg/L)	Monitor	0.02	Quarterly	3-hr comp.	---	---	---	---
Mercury, total (mg/L)	Monitor	0.0008	2/Month	3-hr comp.	0.00020 U	---	---	---
Nickel, total (mg/L)	Monitor	0.2	Quarterly	3-hr comp.	---	---	---	---
Silver, total (mg/L)	Monitor	0.1	Quarterly	3-hr comp.	---	---	---	---
Vanadium, total (mg/L)	Monitor	0.03	Quarterly	3-hr comp.	---	---	---	---
Zinc, total (mg/L)	Monitor	0.3	2/Month	3-hr comp.	0.010 U	---	---	---
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	50	2/Month	Grab	2.0 U	---	---	---
1,1,2,2-Tetrachloroethane (ug/L)	Monitor	30	2/Month	Grab	0.50 U	---	---	---
Tetrachloroethene (ug/L)	Monitor	20	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	---	---	---
Acetone (ug/L)	Monitor	1000	2/Month	Grab	10 U	---	---	---
2-Hexanone (ug/L)	Monitor	1000	2/Month	Grab	5.0 U	---	---	---
4-Methyl-2-pentanone (MIBK) (ug/L)	Monitor	1000	2/Month	Grab	5.0 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

TOD = 1.5 X CBOD5 + 4.5 X TKN

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

Analyte	Effluent 03/13/2003	Effluent 03/18/2003	Effluent 03/20/2003	Effluent 03/25/2003	Effluent 03/27/2003
Flow (GPD)	14461	14460	14656	14698	14918
pH (SU)	8.5	8.5	8.5	8.5	8.5
Residue, non-filterable (mg/L)	---	5.0 U	---	---	5.0 U
Total dissolved solids (TDS) (mg/L)	---	680	---	---	640
CBOD5 (mg/L)	---	---	---	---	---
TKN (mg/L)	---	---	---	---	---
TOD (mg/L)	---	---	---	---	---
Dissolved Oxygen (mg/L)	---	---	---	---	---
Aluminum, dissolved (mg/L)	---	---	---	---	---
Antimony, total (mg/L)	---	---	---	---	---
Chromium, total (mg/L)	---	---	---	---	---
Cobalt, total (mg/L)	---	---	---	---	---
Copper, total (mg/L)	---	---	---	---	---
Iron, total (mg/L)	---	---	---	---	---
Lead, total (mg/L)	---	---	---	---	---
Mercury, total (mg/L)	---	0.00020 U	---	---	---
Nickel, total (mg/L)	---	---	---	---	---
Silver, total (mg/L)	---	---	---	---	---
Vanadium, total (mg/L)	---	---	---	---	---
Zinc, total (mg/L)	---	0.010 U	---	---	---
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	---	---	---
Acetone (ug/L)	---	10 U	---	---	---
2-Hexanone (ug/L)	---	5.0 U	---	---	---
4-Methyl-2-pentanone (MIBK) (ug/L)	---	5.0 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

TOD = 1.5 X CBOD5 + 4.5 X TKN



**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#: 4717  
 Sample: A2100  
 Sample Description: WTP Influent  
 Instrument: HP5973 GCMS#3  
 Units: ug/L  
 Number of analytes: 10

Job No.: 3027.001.11102  
 Certification NY No.: 10155


Collected: 03/04/03 Matrix: Water  
 Received: 03/04/03 QC Batch: 030703W3  
 Prepared: 03/07/03 %Solids:  
 Sample Size: 10 mL  
 Dilution: 50

Parameter	Result	Qual	PQL	Analyzed Notes
Acetone	<500.	U	500	03/07/03
Methylene chloride	<100.	U	100	03/07/03
trans-1,2-Dichloroethene	<25.	U	25	03/07/03
cis-1,2-Dichloroethene	<25.	U	25	03/07/03
Trichloroethene	640.		25	03/07/03
4-Methyl-2-pentanone	<250.	U	250	03/07/03
Toluene	<25.	U	25	03/07/03
2-Hexanone	<250.	U	250	03/07/03
Tetrachloroethene	<25.	U	25	03/07/03
1,1,2,2-Tetrachloroethane	<25.	U	25	03/07/03

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	103		71-130
1,2-Dichloroethane-d4 (surrogate)	97		76-126
Toluene-d8 (surrogate)	94		82-119
Bromofluorobenzene (surrogate)	87		75-119

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 10, 2003 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#: 4717  
 Sample: A2101  
 Sample Description: WTP Between Carbons  
 Instrument: HP5973 GCMS#3  
 Units: ug/L  
 Number of analytes: 10

Job No.: 3027.001.11102  
 Certification NY No.: 10155


Collected: 03/04/03 Matrix: Water  
 Received: 03/04/03 QC Batch: 030603W3  
 Prepared: 03/06/03 %Solids:  
 Sample Size: 10 mL  
 Dilution: 1

Parameter	Result	Qual	PQL	Analyzed Notes
Acetone	<10.	U	10	03/06/03
Methylene chloride	<2.0	U	2	03/06/03
trans-1,2-Dichloroethene	<.50	U	.5	03/06/03
cis-1,2-Dichloroethene	6.1		.5	03/06/03
Trichloroethene	32.		.5	03/06/03
4-Methyl-2-pentanone	<5.0	U	5	03/06/03
Toluene	<.50	U	.5	03/06/03
2-Hexanone	<5.0	U	5	03/06/03
Tetrachloroethene	<.50	U	.5	03/06/03
1,1,2,2-Tetrachloroethane	<.50	U	.5	03/06/03

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	99		71-130
1,2-Dichloroethane-d4 (surrogate)	94		76-126
Toluene-d8 (surrogate)	95		82-119
Bromofluorobenzene (surrogate)	88		75-119

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 10, 2003 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#: 4717  
 Sample: A2102  
 Sample Description: WTP Effluent-7:30  
 Instrument: HP5973 GCMS#3  
 Units: ug/L  
 Number of analytes: 10

Job No.: 3027.001.11102  
 Certification NY No.: 10155

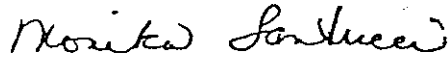
Collected: 03/04/03 Matrix: Water  
 Received: 03/04/03 QC Batch: 030603W3  
 Prepared: 03/06/03 %Solids:  
 Sample Size: 10 mL  
 Dilution: 1

Parameter	Result	Qual	PQL	Analyzed	Notes
Acetone	<10.	U	10	03/06/03	
Methylene chloride	<2.0	U	2	03/06/03	
trans-1,2-Dichloroethene	<.50	U	.5	03/06/03	
cis-1,2-Dichloroethene	<.50	U	.5	03/06/03	
Trichloroethene	<.50	U	.5	03/06/03	
4-Methyl-2-pentanone	<5.0	U	5	03/06/03	
Toluene	<.50	U	.5	03/06/03	
2-Hexanone	<5.0	U	5	03/06/03	
Tetrachloroethene	<.50	U	.5	03/06/03	
1,1,2,2-Tetrachloroethane	<.50	U	.5	03/06/03	

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	101		71-130
1,2-Dichloroethane-d4 (surrogate)	96		76-126
Toluene-d8 (surrogate)	95		82-119
Bromofluorobenzene (surrogate)	88		75-119

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 10, 2003 Monika Santucci

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

# 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#: 4717  
Sample: A2103  
Sample Description: WTP Effluent-9:15  
Units: mg/L

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 03/04/03      Matrix: Water  
Received: 03/04/03      %Solids:  
Number of analytes: 2

Parameter	Result	Q	Method	PQL	Prepared	Analyzed	QC Batch	Dil	Note
Mercury	<.00020	U	245.1	.00020	03/11/03	03/11/03	031103W2	1	
Zinc	<.010	U	200.7	.010	03/12/03	03/13/03	031203W3	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 14, 2003      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#: 4717  
Sample: A2103  
Samp. Description: WTP Effluent-9:15

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 03/04/03 09:15  
Received: 03/04/03 09:50  
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	730.		mg/L	EPA 160.1	10.	03/11/03	031103W22	1	
Total suspended solids	<5.0	U	mg/L	EPA 160.2	5.0	03/11/03	031103W23	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 14, 2003      Monika Santucci

Client: <u>OGINA</u>						Analysis/Method 4717 VOC's TSS, TDS Zn, Hg					
Project: <u>Former Accurate Die</u>											
Sampled by: <u>MARTIN KOENNECKE</u>											
Client Contact: <u>JASON SPERRY</u>			Phone # <u>DIV 71</u>								
Sample Description											
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers					Comments	
<u>WTP Influent</u>	<u>3-4-03</u>	<u>7:30</u>	<u>WATER</u>	<u>GRAB</u>	<u>2</u>	<u>2</u>					
<u>WTP Between Caissons</u>	<u>3-4-03</u>	<u>7:30</u>	<u>WATER</u>	<u>GRAB</u>	<u>2</u>	<u>2</u>					
<u>WTP Effluent</u>	<u>3-4-03</u>	<u>7:30</u>	<u>WATER</u>	<u>GRAB</u>	<u>2</u>	<u>2</u>					
<u>WTP Effluent</u>	<u>3-4-03</u>	<u>9:15</u>	<u>WATER</u>	<u>Comp</u>	<u>2</u>		<u>1</u>	<u>1</u>			
Relinquished by: <u>Martin Koenecke</u>			Date: <u>3-4-03</u> Time: <u>9:50</u>			Received by:			Date: _____ Time: _____		
Relinquished by:			Date: _____ Time: _____			Received by:			Date: _____ Time: _____		
Relinquished by:			Date: _____ Time: _____			Received by Lab: <u>McL. [Signature]</u>			Date: <u>3/4/03</u> Time: <u>9:50 AM</u>		
Shipment Method: <u>HAND</u>						Airbill Number: _____					

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

Comments:

Cooler Temperature: 5°C

# 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#: 4784  
Sample: A2426  
Samp. Description: WTP Effluent

Collected: 03/12/03 09:00  
Received: 03/12/03 09:22  
Matrix: Water  
Number of Analytes: 2

Parameter	Result	Q	Units	Method	PQL	Analyzed	QC Batch	Dil	Note
Total dissolved solids	670.		mg/L	EPA 160.1	10.	03/19/03	031903W29	1	
Total suspended solids	<5.0	U	mg/L	EPA 160.2	5.0	03/14/03	031403W13	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 25, 2003      Monika Santucci

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



Client: <u>OGINA</u>						Analysis/Method <div style="font-size: 2em; transform: rotate(-45deg); display: inline-block;">4784</div> <div style="font-size: 2em; transform: rotate(-45deg); display: inline-block;">TSS, TDS</div>								
Project: <u>Former Accurate Dig</u>														
Sampled by: <u>MARTIN KOENIGKE</u>														
Client Contact: <u>JASON SPERRY</u>			Phone #											
<b>Sample Description</b>														
Sample Location		Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers						Comments		
<u>WTP Effluent</u>		<u>3-12-03</u>	<u>9:00</u>	<u>Water</u>	<u>Comp</u>	<u>1</u>	<u>1</u>							
Relinquished by: <u>Martin Koehnigke</u>				Date: <u>3-12-03</u> Time: <u>9:22</u>		Received by:			Date:		Time:			
Relinquished by:				Date:		Time:		Received by:			Date:		Time:	
Relinquished by:				Date:		Time:		Received by Lab: <u>Laura L. Moe</u>			Date: <u>3/12/03</u> Time: <u>9:22</u>			
Shipment Method: <u>Hand</u>						Airbill Number:								

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

Comments:

Cooler Temperature: 10°C well-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#: 4829  
 Sample: A2576  
 Sample Description: WTP Effluent-Grab  
 Instrument: HP5973 GCMS#3  
 Units: ug/L  
 Number of analytes: 10

Job No.: 3027.001.11102  
 Certification NY No.: 10155

Collected: 03/18/03 Matrix: Water  
 Received: 03/18/03 QC Batch: 032403W3  
 Prepared: 03/04/03 %Solids:  
 Sample Size: 10 mL  
 Dilution: 1

Parameter	Result	Qual	PQL	Analyzed	Notes
Acetone	<10.	U	10	03/24/03	
Methylene chloride	<2.0	U	2	03/24/03	
trans-1,2-Dichloroethene	<.50	U	.5	03/24/03	
cis-1,2-Dichloroethene	<.50	U	.5	03/24/03	
Trichloroethene	<.50	U	.5	03/24/03	
4-Methyl-2-pentanone	<5.0	U	5	03/24/03	
Toluene	<.50	U	.5	03/24/03	
2-Hexanone	<5.0	U	5	03/24/03	
Tetrachloroethene	<.50	U	.5	03/24/03	
1,1,2,2-Tetrachloroethane	<.50	U	.5	03/24/03	

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	121		71-130
1,2-Dichloroethane-d4 (surrogate)	118		76-126
Toluene-d8 (surrogate)	103		82-119
Bromofluorobenzene (surrogate)	122	#	75-119

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: March 25, 2003      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#: 4829  
Sample: A2577  
Sample Description: WTP Effluent-Comp  
Units: mg/L

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 03/18/03 Matrix: Water  
Received: 03/18/03 %Solids:  
Number of analytes: 2

Parameter	Result	Q	Method	PQL	Prepared	Analyzed	QC Batch	Dil	Note
Mercury	<.00020	U	245.1	.00020	03/24/03	03/25/03	032403W2	1	
Zinc	<.010	U	200.7	.010	03/18/03	03/20/03	031803W1	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:   
Date: March 31, 2003      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:

Job No.: 3027.001.11102  
Certification NY No.: 10155

Package#: 4829  
Sample: A2577  
Samp. Description: WTP Effluent-Comp

Collected: 03/18/03  
Received: 03/18/03 09:23  
Matrix: Water  
Number of Analytes: 2

Parameter	Result	Q	Units	Method	PQL	Analyzed	QC Batch	Dil	Note
Total dissolved solids	680.		mg/L	EPA 160.1	10.	03/19/03	031903W29	1	
Total suspended solids	<5.0	U	mg/L	EPA 160.2	5.0	03/20/03	032003W13	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 25, 2003      Monika Santucci

Client: <i>OGINA</i>						Analysis/Method <div style="font-size: 2em; transform: rotate(-45deg); display: inline-block;">4829</div> <div style="font-size: 1.5em; transform: rotate(-45deg); display: inline-block;">VOC's</div> <div style="font-size: 1.5em; transform: rotate(-45deg); display: inline-block;">Hg/Zn</div> <div style="font-size: 1.5em; transform: rotate(-45deg); display: inline-block;">TSS/TDS</div>														
Project: <i>Former Accurate Dix</i>																				
Sampled by: <i>Martin Koennicke</i>																				
Client Contact: <i>JASON SPERRY</i>			Phone #																	
Sample Description																				
Sample Location		Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers														
<i>WTP Effluent</i>		<i>3-18-03</i>	<i>7:00</i>	<i>water</i>	<i>GRAB</i>	<i>2</i>	<i>2</i>													
<i>WTP Effluent</i>		<i>3-18-03</i>	<i>9:00</i>	<i>water</i>	<i>COAP</i>	<i>2</i>		<i>1</i>	<i>1</i>											
Relinquished by: <i>Martin Koennicke</i>			Date: <i>3-18-03</i> Time: <i>9:22</i>			Received by:			Date:			Time:								
Relinquished by:			Date:			Time:			Received by:			Date:			Time:					
Relinquished by:			Date:			Time:			Received by Lab: <i>Laura L. Moe</i>			Date: <i>3/18/03</i>			Time: <i>9:23</i>					
Shipment Method: <i>Hand</i>						Airbill Number:														

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

Comments:

Cooler Temperature:   12°C well-iced

# 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#: 4910  
Sample: A2884  
Samp. Description: WTP Effluent

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 03/27/03  
Received: 03/27/03 08:54  
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.	03/27/03	032703W29	1	
Total suspended solids	<5.0	U	mg/L	EPA 160.2	5.0	03/27/03	032703W19	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.

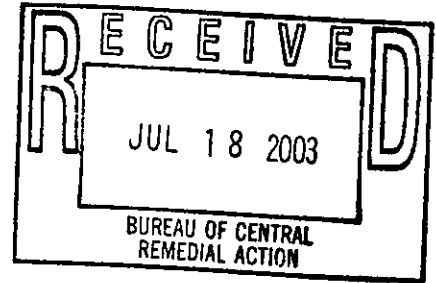
Authorized: Monika Santucci  
Date: April 4, 2003      Monika Santucci





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

July 15, 2003



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 second quarter of 2003 (April 1 to 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, 2003, a total of 54,511,070 gallons of groundwater has been treated since startup on February 5, 1996. Since March 31, 2003, 1,347,140 gallons of groundwater have been treated; 519,240 gallons from recovery well RW-1, 824,050 gallons from recovery well RW-2, 3,850 gallons from the sump located outside the northeast corner of the building, and 0 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 2003 are summarized in Table 1. The laboratory analytical data sheets are provided as Attachment A.
3. On June 30, the spent carbon in GAC vessel #1 was replaced and vessel #2 was placed into "lead" service. GAC vessel #1 with the fresh carbon was placed into "lag" service afterwards.
4. The semi-annual round of ground water monitoring occurred on May 1, 2003. During the event, ground water samples were collected from monitoring wells MW-10, MW-11, MW-14, MW-18, and MW-24 as well as the sump located outside the northeast corner of the building. Ground water levels were measured in the on site wells. The laboratory analytical data sheets are provided as Attachment B.



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



5. O'Brien & Gere received revised effluent limitations and monitoring requirements from the NYSDEC dated May 7, 2003. The changes made to the permit are summarized below:
  - a. The NYSDEC no longer requires that samples be collected and analyzed for CBOD<sub>5</sub>, TKN, TOD and dissolved oxygen on a quarterly basis.
  - b. The NYSDEC no longer requires that samples be collected for metals analyses, except as follows:
    - (1) Mercury (total) must be analyzed for quarterly using both USEPA methods 245 and 1631 so that the results may be directly compared. Further during the first four quarters (June 2003 through June 2004), parallel influent mercury monitoring must be performed using both methods. Formerly, the mercury was analyzed for twice/month in the effluent only using EPA method 245.
    - (2) Zinc must be analyzed for quarterly, where formerly it was required twice/month.
  - c. The NYSDEC lowered the daily maximum concentration for several volatile organic compounds, as follows:
    - (1) Methylene chloride has been reduced from 50 µg/l to 20 µg/l.
    - (2) 1,1,2,2-tetrachloroethane has been reduced from 30 µg/l to 10 µg/l.
    - (3) Tetrachloroethene has been reduced from 20 µg/l to 10 µg/l.
  - d. The NYDEC removed the requirement to monitor for acetone, 2-hexanone, and 4-methyl-2-pentanone (MIBK).

**Activities Scheduled:**

1. Continued 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.  
Senior Project Engineer

I:\DIV71\PROJECTS\2488\25463\2\_CORRES\2qtr2003report.doc

**Attachments**

- cc:
- A. English – NYSDEC
  - James Burke – NYSDEC Region 7
  - Director, Bureau of Environmental Exposure Investigation – NYSDOH
  - H. Hamel – NYSDOH
  - P. Anderson – The Anderson Company
  - J. Sutphen – O'Brien & Gere, Office of General Counsel
  - G. Swenson – O'Brien & Gere Engineers, Inc.
  - D. Powers – 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	04/03/2003	04/07/2003	04/10/2003	04/17/2003
Flow (GPD)	Monitor	150000	Continuous	Meter	14991	14981	14820	14805
pH (SU)	6.5 - 8.5		2/Week	Grab	8.5	8.5	8.52	8.51
Residue, non-filterable (mg/L)	Monitor	20	Weekly	3-hr comp.	5 U	—	—	—
Total dissolved solids (TDS) (mg/L)	Monitor	Monitor	Weekly	3-hr comp.	670	—	—	—
					96	—	—	99
Mercury, total (mg/L)	Monitor	0.0008	Quarterly	3-hr comp.	0.0002 U	—	—	0.0002 U
Zinc, total (mg/L)	Monitor	0.3	Quarterly	3-hr comp.	0.018	—	—	0.075
					96	—	—	99
cis-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab	0.5 U	—	—	0.5 U
trans-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab	0.5 U	—	—	0.5 U
Methylene chloride (ug/L)	Monitor	20	2/Month	Grab	2 U	—	—	2 U
1,1,2,2-Tetrachloroethane (ug/L)	Monitor	10	2/Month	Grab	0.5 U	—	—	0.5 U
Tetrachloroethene (ug/L)	Monitor	10	2/Month	Grab	0.5 U	—	—	0.5 U
Toluene (ug/L)	Monitor	20	2/Month	Grab	0.5 U	—	—	0.5 U
Trichloroethene (ug/L)	Monitor	10	2/Month	Grab	0.5 U	—	—	0.5 U

NOTES: (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 04/21/2003	Effluent 04/24/2003	Effluent 05/01/2003	Effluent 05/06/2003	Effluent 05/08/2003	Effluent 05/13/2003	Effluent 05/15/2003	Effluent 05/20/2003
Flow (GPD)	14780	14530	15704	15620	15200	15380	15390	15270
pH (SU)	8.52	8.51	6.93	6.87	6.81	6.81	6.83	6.81
Residue, non-filterable (mg/L)	---	---	5.0 U	---	5.0 U	---	5.0 U	---
Total dissolved solids (TDS) (mg/L)	---	---	560	---	640	---	660	---
Mercury, total (mg/L)	---	---	0.00020 U	---	---	---	0.00020 U	---
Zinc, total (mg/L)	---	---	0.076	---	---	---	0.063	---
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 05/22/2003	Effluent 05/27/2003	Effluent 05/29/2003	Effluent 06/03/2003	Effluent 06/05/2003	Effluent 06/10/2003	Effluent 06/12/2003	Effluent 06/17/2003
Flow (GPD)	15240	15257	15264	15060	15030	14941	14557	14420
pH (SU)	6.78	6.83	6.80	6.82	6.74	6.74	6.84	6.82
Residue, non-filterable (mg/L)	5.0 U	---	5.0 U	---	5.0 U	---	5.0 U	---
Total dissolved solids (TDS) (mg/L)	600	---	610	---	620	---	650	---
Mercury, total (mg/L)	---	---	---	---	0.00020 U	---	---	---
Zinc, total (mg/L)	---	---	---	---	0.035	---	---	---
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



**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#: 4965  
 Sample: A3146  
 Sample Description: Effluent - Grab  
 Instrument: HP5970 GC/MS#2  
 Units: ug/L  
 Number of analytes: 10

Job No.: 3027.001.11102  
 Certification NY No.: 10155

Collected: 04/03/03 Matrix: Water  
 Received: 04/03/03 QC Batch: 040703W2  
 Prepared: 04/07/03 %Solids:  
 Sample Size: 25 mL  
 Dilution: 1

Parameter	Result	Qual	PQL	Analyzed Notes
Acetone	<10.	U	10	04/07/03
Methylene chloride	<2.0	U	2	04/07/03
trans-1,2-Dichloroethene	<.50	U	.5	04/07/03
cis-1,2-Dichloroethene	<.50	U	.5	04/07/03
Trichloroethene	<.50	U	.5	04/07/03
4-Methyl-2-pentanone	<5.0	U	5	04/07/03
Toluene	<.50	U	.5	04/07/03
2-Hexanone	<5.0	U	5	04/07/03
Tetrachloroethene	<.50	U	.5	04/07/03
1,1,2,2-Tetrachloroethane	<.50	U	.5	04/07/03

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	99		71-130
1,2-Dichloroethane-d4 (surrogate)	96		76-126
Toluene-d8 (surrogate)	94		82-119
Bromofluorobenzene (surrogate)	87		75-119

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: April 8, 2003 Monika Santucci

# O'Brien & Gere Laboratories, Inc.

# Analytical Results Method: 8021


Client: O'Brien & Gere Inc. of North America  
 Project: Former Accurate Die - Fayetteville, NY  
 Proj. Desc:  
 Package#: 4965  
 Sample: A3144  
 Sample Description: Influent  
 Instrument: 9001  
 Units: ug/L  
 Number of analytes: 34

Job No.: 3027.001.11102  
 Certification NY No.: 10155

Collected: 04/03/03 Matrix: Water  
 Received: 04/03/03 QC Batch: 041603W1  
 Prepared: 04/16/03 %Solids:  
 Sample Size: 5 ml

Parameter	Result	Qual	PQL	Dil	Analyzed	Notes
Benzene	<20.	U	20.	20	04/16/03	
Bromodichloromethane	<20.	U	20.	20	04/16/03	
Bromoform	<200.	U	200.	20	04/16/03	
Bromomethane	<200.	U	200.	20	04/16/03	
Carbon tetrachloride	<20.	U	20.	20	04/16/03	
Chlorobenzene	<20.	U	20.	20	04/16/03	
Chloroethane	<20.	U	20.	20	04/16/03	
2-Chloroethylvinyl ether	<200.	U	200.	20	04/16/03	
Chloroform	<20.	U	20.	20	04/16/03	
Chloromethane	<200.	U	200.	20	04/16/03	
Dibromochloromethane	<20.	U	20.	20	04/16/03	
1,2-Dichlorobenzene	<100.	U	100.	20	04/16/03	
1,3-Dichlorobenzene	<100.	U	100.	20	04/16/03	
1,4-Dichlorobenzene	<100.	U	100.	20	04/16/03	
Dichlorodifluoromethane	<200.	U	200.	20	04/16/03	
1,1-Dichloroethane	<20.	U	20.	20	04/16/03	
1,2-Dichloroethane	<20.	U	20.	20	04/16/03	
1,1-Dichloroethylene	<20.	U	20.	20	04/16/03	
cis-1,2-Dichloroethylene	<20.	U	20.	20	04/16/03	
trans-1,2-Dichloroethylene	<20.	U	20.	20	04/16/03	
Dichloromethane	<20.	U	20.	20	04/16/03	
1,2-Dichloropropane	<20.	U	20.	20	04/16/03	
cis-1,3-Dichloropropylene	<20.	U	20.	20	04/16/03	
trans-1,3-Dichloropropylene	<20.	U	20.	20	04/16/03	
Ethylbenzene	<20.	U	20.	20	04/16/03	
1,1,2,2-Tetrachloroethane	<20.	U	20.	20	04/16/03	
Tetrachloroethylene	<20.	U	20.	20	04/16/03	
Toluene	<20.	U	20.	20	04/16/03	
1,1,1-Trichloroethane	<20.	U	20.	20	04/16/03	
1,1,2-Trichloroethane	<20.	U	20.	20	04/16/03	

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: April 17, 2003      Monika Santucci



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

**Analytical Results  
Method: 8021**

Client: O'Brien & Gere Inc. of North America  
 Project: Former Accurate Die - Fayetteville, NY  
 Proj. Desc:  
 Package#: 4965  
 Sample: A3144  
 Sample Description: Influent  
 Instrument: 9001  
 Units: ug/L  
 Number of analytes: 34

Job No.: 3027.001.11102  
 Certification NY No.: 10155

Collected: 04/03/03 Matrix: Water  
 Received: 04/03/03 QC Batch: 041603W1  
 Prepared: 04/16/03 %Solids:  
 Sample Size: 5 ml

Parameter	Result	Qual	PQL	Dil	Analyzed	Notes
Trichloroethylene	910.		20	20	04/16/03	
Trichlorofluoromethane	<20.	U	20.	20	04/16/03	
Vinyl Chloride	<20.	U	20.	20	04/16/03	
Xylenes (total)	<60.	U	60.	20	04/16/03	

Surrogate	%R	Qual	%R Limits
2-Chloropropane (surrogate)	96.		76-115
Fluorobenzene (surrogate)	99.		85-115

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: April 17, 2003 Monika Santucci

# O'Brien & Gere Laboratories, Inc.

# Analytical Results Method: 8021

Client: O'Brien & Gere Inc. of North America  
 Project: Former Accurate Die - Fayetteville, NY  
 Proj. Desc:  
 Package#: 4965  
 Sample: A3145  
 Sample Description: Between Carbons  
 Instrument: 9001  
 Units: ug/L  
 Number of analytes: 34

Job No.: 3027.001.11102  
 Certification NY No.: 10155

Collected: 04/03/03 Matrix: Water  
 Received: 04/03/03 QC Batch: 041603W1  
 Prepared: 04/16/03 %Solids:  
 Sample Size: 5 ml

Parameter	Result	Qual	PQL	Dil	Analyzed	Notes
Benzene	<5.	U	5.	5	04/16/03	
Bromodichloromethane	<5.	U	5.	5	04/16/03	
Bromoform	<50.	U	50.	5	04/16/03	
Bromomethane	<50.	U	50.	5	04/16/03	
Carbon tetrachloride	<5.	U	5.	5	04/16/03	
Chlorobenzene	<5.	U	5.	5	04/16/03	
Chloroethane	<5.	U	5.	5	04/16/03	
2-Chloroethylvinyl ether	<50.	U	50.	5	04/16/03	
Chloroform	<5.	U	5.	5	04/16/03	
Chloromethane	<50.	U	50.	5	04/16/03	
Dibromochloromethane	<5.	U	5.	5	04/16/03	
1,2-Dichlorobenzene	<25.	U	25.	5	04/16/03	
1,3-Dichlorobenzene	<25.	U	25.	5	04/16/03	
1,4-Dichlorobenzene	<25.	U	25.	5	04/16/03	
Dichlorodifluoromethane	<50.	U	50.	5	04/16/03	
1,1-Dichloroethane	<5.	U	5.	5	04/16/03	
1,2-Dichloroethane	<5.	U	5.	5	04/16/03	
1,1-Dichloroethylene	<5.	U	5.	5	04/16/03	
cis-1,2-Dichloroethylene	<5.	U	5.	5	04/16/03	
trans-1,2-Dichloroethylene	<5.	U	5.	5	04/16/03	
Dichloromethane	<5.	U	5.	5	04/16/03	
1,2-Dichloropropane	<5.	U	5.	5	04/16/03	
cis-1,3-Dichloropropylene	<5.	U	5.	5	04/16/03	
trans-1,3-Dichloropropylene	<5.	U	5.	5	04/16/03	
Ethylbenzene	<5.	U	5.	5	04/16/03	
1,1,2,2-Tetrachloroethane	<5.	U	5.	5	04/16/03	
Tetrachloroethylene	<5.	U	5.	5	04/16/03	
Toluene	<5.	U	5.	5	04/16/03	
1,1,1-Trichloroethane	<5.	U	5.	5	04/16/03	
1,1,2-Trichloroethane	<5.	U	5.	5	04/16/03	
Trichloroethylene	110.		5	5	04/16/03	

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: April 17, 2003      Monika Santucci

# O'Brien & Gere Laboratories, Inc.

# Analytical Results Method: 8021

Client: O'Brien & Gere Inc. of North America  
Project: Former Accurate Die - Fayetteville, NY  
Proj. Desc:  
Package#: 4965  
Sample: A3145  
Sample Description: Between Carbons  
Instrument: 9001  
Units: ug/L  
Number of analytes: 34

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 04/03/03 Matrix: Water  
Received: 04/03/03 QC Batch: 041603W1  
Prepared: 04/16/03 %Solids:  
Sample Size: 5 ml

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>PQL</u>	<u>Dil</u>	<u>Analyzed</u>	<u>Notes</u>
Trichlorofluoromethane	<5.	U	5.	5	04/16/03	
Vinyl Chloride	<5.	U	5.	5	04/16/03	
Xylenes (total)	<15.	U	15.	5	04/16/03	

<u>Surrogate</u>	<u>%R</u>	<u>Qual</u>	<u>%R</u>	<u>Limits</u>
2-Chloropropane (surrogate)	96.			76-115
Fluorobenzene (surrogate)	99.			85-115

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: April 17, 2003

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#: 4965  
 Sample: A3147  
 Sample Description: Effluent - Comp  
 Units: mg/L

Job No.: 3027.001.11102  
 Certification NY No.: 10155

Collected: 04/03/03      Matrix: Water  
 Received: 04/03/03      %Solids:  
 Number of analytes: 11

Parameter	Result	Q	Method	PQL	Prepared	Analyzed	QC Batch	Dil	Note
Antimony	<.060	U	200.7	.060	04/07/03	04/08/03	040703W2	1	
Chromium	<.010	U	200.7	.010	04/07/03	04/08/03	040703W2	1	
Cobalt	<.010	U	200.7	.010	04/07/03	04/08/03	040703W2	1	
Copper	<.010	U	200.7	.010	04/07/03	04/08/03	040703W2	1	
Iron	<.050	U	200.7	.050	04/07/03	04/08/03	040703W2	1	
Lead	<.0050	U	200.7	.0050	04/07/03	04/08/03	040703W2	1	
Mercury	<.00020	U	245.1	.00020	04/07/03	04/08/03	040703W2	1	
Nickel	<.050	U	200.7	.050	04/07/03	04/08/03	040703W2	1	
Silver	<.010	U	200.7	.010	04/07/03	04/08/03	040703W2	1	
Vanadium	<.030	U	200.7	.030	04/07/03	04/08/03	040703W2	1	
Zinc	.018		200.7	.010	04/07/03	04/08/03	040703W2	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:   
 Date: April 17, 2003      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#: 4965  
Sample: A3148  
Sample Description: Effluent - Comp (Lab Filter)  
Units: mg/L

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 04/03/03      Matrix: Water  
Received: 04/03/03      %Solids:  
Number of analytes: 1

Parameter	Result	Q	Method	PQL	Prepared	Analyzed	QC Batch	Dil	Note
Aluminum	<.10	U	200.7	.10	04/14/03	04/15/03	041403W2	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: April 17, 2003      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#: 4965  
Sample: A3147  
Samp. Description: Effluent - Comp

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 04/03/03 08:00  
Received: 04/03/03 08:30  
Matrix: Water  
Number of Analytes: 4

Parameter	Result	Q	Units	Method	PQL	Analyzed	QC Batch	Dil	Note
CBOD5	<5.0	U	mg/L	SM5210B	5.0	04/04/03 13:00	040403W13	1	
Total Kjeldahl nitrogen	<.40	U	mg/L	EPA 351.2	.40	04/10/03	040803W1	1	
Total dissolved solids	670.		mg/L	EPA 160.1	10.	04/10/03	041003W21	1	
Total suspended solids	<5.0	U	mg/L	EPA 160.2	5.0	04/07/03	040703W21	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: April 13, 2003      Monika Santucci

Client: <i>OGINA</i>						Analysis/Method								
Project: <i>Former Accurate Die</i> <i>Quarterly</i>						<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">VOC 8021</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">VOC 8021</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">VOC 8260</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Zn, Hg, Metals</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">ALUMINUM</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TKN</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">C BODs</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TSS, TDS</div> </div>								
Sampled by: <i>MARTIN KOENNECKE</i>														
Client Contact: <i>JASON SPERRY</i> Phone #														
<b>Sample Description</b>														
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	VOC 8021	VOC 8021	VOC 8260	Zn, Hg, Metals	ALUMINUM	TKN	C BODs	TSS, TDS	Comments
<i>Influent</i>	<i>4-3-03</i>	<i>7:30</i>	<i>Water</i>	<i>GRAB</i>	<i>2</i>	<i>2</i>								
<i>Between Carbons</i>	<i>4-3-03</i>	<i>7:30</i>	<i>Water</i>	<i>GRAB</i>	<i>2</i>		<i>2</i>							
<i>Effluent</i>	<i>4-3-03</i>	<i>7:30</i>	<i>Water</i>	<i>GRAB</i>	<i>2</i>		<i>2</i>							
<i>Effluent</i>	<i>4-3-03</i>	<i>8:00</i>	<i>Water</i>	<i>Comp</i>	<i>5</i>			<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>	<i>1</i>		
Relinquished by: <i>Martin Koenecke</i> Date: <i>4-3-03</i> Time: <i>8:30</i>						Received by: _____ Date: _____ Time: _____								
Relinquished by: _____ Date: _____ Time: _____						Received by: _____ Date: _____ Time: _____								
Relinquished by: _____ Date: _____ Time: _____						Received by Lab: <i>Laura L. Moe</i> Date: <i>4/3/03</i> Time: <i>8:30</i>								
Shipment Method: <i>Hand</i>						Airbill Number: _____								

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

Comments:

Cooler Temperature: *8°C well-iced*

**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#: 5021  
Sample: A3475  
Samp. Description: WTP Effluent

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 04/10/03  
Received: 04/10/03 08:00  
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	660.		mg/L	EPA 160.1	10.	04/10/03	041003W21	1	
Total suspended solids	<5.0	U	mg/L	EPA 160.2	5.0	04/10/03	041003W22	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: April 21, 2003      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 <div style="font-size: 2em; transform: rotate(-45deg); opacity: 0.5;">                     5021                      378                      TSS TDS                 </div>									
Project: <u>Former Accurate Die</u>															
Sampled by: <u>MARTIN KOENNECKE</u>															
Client Contact: <u>JASON SPERRY</u> Phone # <u>2733</u>															
Sample Description															
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers										
<u>WTP Effluent</u>	<u>4-10-03</u>	<u>7:30</u>	<u>water</u>	<u>Comp</u>	<u>1</u>										
Relinquished by: <u>Martin Koencke</u>			Date: <u>4-10-03</u> Time: <u>8:00</u>			Received by:			Date:			Time:			
Relinquished by:			Date:			Time:			Received by:			Date:		Time:	
Relinquished by:			Date:			Time:			Received by Lab: <u>Laurel L. Moore</u>			Date: <u>4/10/03</u> Time: <u>8:00</u>			
Shipment Method: <u>HAND</u>						Airbill Number:									

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

Comments:

Cooler Temperature: 11°C well-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#: 5087  
 Sample: A3952  
 Sample Description: WTP Effluent - Grab  
 Instrument: HP5973 GCMS#3  
 Units: ug/L  
 Number of analytes: 10

Job No.: 3027.001.11102  
 Certification NY No.: 10155


Collected: 04/17/03 Matrix: Water  
 Received: 04/17/03 QC Batch: 042103W3  
 Prepared: 04/21/03 %Solids:  
 Sample Size: 10 mL  
 Dilution: 1

Parameter	Result	Qual	PQL	Analyzed Notes
Acetone	<10.	U	10	04/21/03
Methylene chloride	<2.0	U	2	04/21/03
trans-1,2-Dichloroethene	<.50	U	.5	04/21/03
cis-1,2-Dichloroethene	<.50	U	.5	04/21/03
Trichloroethene	<.50	U	.5	04/21/03
4-Methyl-2-pentanone	<5.0	U	5	04/21/03
Toluene	<.50	U	.5	04/21/03
2-Hexanone	<5.0	U	5	04/21/03
Tetrachloroethene	<.50	U	.5	04/21/03
1,1,2,2-Tetrachloroethane	<.50	U	.5	04/21/03

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	103		71 - 130
1,2-Dichloroethane-d4 (surrogate)	99		76 - 126
Toluene-d8 (surrogate)	105		82 - 119
Bromofluorobenzene (surrogate)	105		75 - 119

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: April 22, 2003

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#: 5087  
Sample: A3953  
Sample Description: WTP Effluent - Composite  
Units: mg/L

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 04/17/03      Matrix: Water  
Received: 04/17/03      %Solids:  
Number of analytes: 2

Parameter	Result	Q	Method	PQL	Prepared	Analyzed	QC Batch	Dil	Note
Mercury	<.00020	U	245.1	.00020	04/29/03	04/30/03	042903W1	1	
Zinc	.075		200.7	.010	04/21/03	04/22/03	042103W1	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: April 30, 2003      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#: 5087  
Sample: A3953  
Samp. Description: WTP Effluent - Composite

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 04/17/03  
Received: 04/17/03 13:40  
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	660.		mg/L	EPA 160.1	10.	04/18/03	041803W26	1	
Total suspended solids	<5.0	U	mg/L	EPA 160.2	5.0	04/21/03	042103W25	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: May 1, 2003      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 VOC'S ZN + HG TSS/TDS  5087 Comments							
Project: <u>Former Accurate Die Casting</u>													
Sampled by: <u>Richard McLaughlin</u>													
Client Contact: <u>JASON SPERRY</u> Phone # <u>2733</u>													
Sample Description													
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers								
<u>WTP EFFLUENT</u>	<u>4/17/03</u>	<u>10:30</u>	<u>WATER</u>	<u>GRAB</u>	<u>2</u>	<u>2</u>							
<u>WTP EFFLUENT</u>	<u>4/17/03</u>	<u>10:30</u>	<u>WATER</u>	<u>Comp.</u>	<u>2</u>		<u>1</u>	<u>1</u>					
Relinquished by: <u>Richard McLaughlin</u> Date: <u>4/17/03</u> Time: <u>1:40</u>						Received by: _____ Date: _____ Time: _____							
Relinquished by: _____ Date: _____ Time: _____						Received by: _____ Date: _____ Time: _____							
Relinquished by: _____ Date: _____ Time: _____						Received by Lab: <u>Barbara Wheeler</u> Date: <u>4/17/03</u> Time: <u>13:40</u>							
Shipment Method: _____						Arl/N Number: _____							

turnaround Time Required:  
 Routine X  
 Rush (Specify) \_\_\_\_\_

Comments:

cooler Temperature: 1.2°C

**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#: 5150  
Sample: A4307  
Samp. Description: WTP Effluent

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 04/24/03  
Received: 04/24/03 13:00  
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	630.		mg/L	EPA 160.1	10.	04/25/03	042503W27	1	
Total suspended solids	<5.0	U	mg/L	EPA 160.2	5.0	04/25/03	042503W26	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: May 7, 2003      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>Formen Accurate Die Casting</u>						5150 TSS/TDS									
Sampled by: <u>Richard McLaughlin</u>															
Client Contact: <u>Jason Sperry</u>				Phone # <u>2733</u>											
Sample Description															
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers										Comments
<u>IUTP EFFLUENT</u>	<u>4/24/03</u>	<u>10:AM</u>	<u>Water</u>	<u>Comp</u>	<u>1</u>	<u>1</u>									
Relinquished by: <u>Richard McLaughlin</u>						Date: <u>4/24/03</u>		Time: <u>13:00</u>		Received by:		Date:		Time:	
Relinquished by:						Date:		Time:		Received by:		Date:		Time:	
Relinquished by:						Date:		Time:		Received by Lab: <u>Laura L Roe</u>		Date: <u>4/24/03</u>		Time: <u>13:00</u>	
Shipment Method:						Airbill Number:									

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

Comments:

Cooler Temperature: 4°C

**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#: 5234  
 Sample: A4873  
 Sample Description: WTP Between Carbon Units  
 Instrument: HP5973 GCMS#3  
 Units: ug/L  
 Number of analytes: 10

Job No.: 3027.001.11102  
 Certification NY No.: 10155

Collected: 05/01/03 Matrix: Water  
 Received: 05/01/03 QC Batch: 050203W3  
 Prepared: 05/02/03 %Solids:  
 Sample Size: 10 mL  
 Dilution: 1

Parameter	Result	Qual	PQL	Analyzed Notes
Acetone	<10.	U	10	05/02/03
Methylene chloride	<2.0	U	2	05/02/03
trans-1,2-Dichloroethene	<.50	U	.5	05/02/03
cis-1,2-Dichloroethene	6.7		.5	05/02/03
Trichloroethene	170.	E	.5	05/02/03
4-Methyl-2-pentanone	<5.0	U	5	05/02/03
Toluene	<.50	U	.5	05/02/03
2-Hexanone	<5.0	U	5	05/02/03
Tetrachloroethene	<.50	U	.5	05/02/03
1,1,2,2-Tetrachloroethane	<.50	U	.5	05/02/03

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	102		78 - 124
1,2-Dichloroethane-d4 (surrogate)	102		77 - 133
Toluene-d8 (surrogate)	110		80 - 121
Bromofluorobenzene (surrogate)	99		71 - 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: May 5, 2003 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#: 5234  
 Sample: A4873 DL  
 Sample Description: WTP Between Carbon Units  
 Instrument: HP5973 GCMS#3  
 Units: ug/L  
 Number of analytes: 10

Job No.: 3027.001.11102  
 Certification NY No.: 10155

Collected: 05/01/03 Matrix: Water  
 Received: 05/01/03 QC Batch: 050203W3  
 Prepared: 05/02/03 %Solids:  
 Sample Size: 10 mL  
 Dilution: 10

Parameter	Result	Qual	PQL	Analyzed Notes
Acetone	<100.	U	100	05/02/03
Methylene chloride	<20.	U	20	05/02/03
trans-1,2-Dichloroethene	<5.0	U	5	05/02/03
cis-1,2-Dichloroethene	5.5		5	05/02/03
Trichloroethene	160.		5	05/02/03
4-Methyl-2-pentanone	<50.	U	50	05/02/03
Toluene	<5.0	U	5	05/02/03
2-Hexanone	<50.	U	50	05/02/03
Tetrachloroethene	<5.0	U	5	05/02/03
1,1,2,2-Tetrachloroethane	<5.0	U	5	05/02/03

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	99		78 - 124
1,2-Dichloroethane-d4 (surrogate)	100		77 - 133
Toluene-d8 (surrogate)	106		80 - 121
Bromofluorobenzene (surrogate)	96		71 - 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: May 5, 2003 Monika Santucci

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

**Analytical Results  
Method: 8021**

Client: O'Brien & Gere Inc. of North America  
 Project: Former Accurate Die - Fayetteville, NY  
 Proj. Desc:  
 Package#: 5234  
 Sample: A4871  
 Sample Description: WTP Effluent - Grab  
 Instrument: 9001  
 Units: ug/L  
 Number of analytes: 34

Job No.: 3027.001.11102  
 Certification NY No.: 10155

Collected: 05/01/03 Matrix: Water  
 Received: 05/01/03 QC Batch: 051403W1  
 Prepared: 05/14/03 %Solids:  
 Sample Size: 5 ml

Parameter	Result	Qual	PQL	Dil	Analyzed	Notes
Benzene	<1.	U	1.	1	05/14/03	
Bromodichloromethane	<1.	U	1.	1	05/14/03	
Bromoform	<10.	U	10.	1	05/14/03	
Bromomethane	<10.	U	10.	1	05/14/03	
Carbon tetrachloride	<1.	U	1.	1	05/14/03	
Chlorobenzene	<1.	U	1.	1	05/14/03	
Chloroethane	<1.	U	1.	1	05/14/03	
2-Chloroethylvinyl ether	<10.	U	10.	1	05/14/03	
Chloroform	<1.	U	1.	1	05/14/03	
Chloromethane	<10.	U	10.	1	05/14/03	
Dibromochloromethane	<1.	U	1.	1	05/14/03	
1,2-Dichlorobenzene	<5.	U	5.	1	05/14/03	
1,3-Dichlorobenzene	<5.	U	5.	1	05/14/03	
1,4-Dichlorobenzene	<5.	U	5.	1	05/14/03	
Dichlorodifluoromethane	<10.	U	10.	1	05/14/03	
1,1-Dichloroethane	<1.	U	1.	1	05/14/03	
1,2-Dichloroethane	<1.	U	1.	1	05/14/03	
1,1-Dichloroethylene	<1.	U	1.	1	05/14/03	
cis-1,2-Dichloroethylene	<1.	U	1.	1	05/14/03	
trans-1,2-Dichloroethylene	<1.	U	1.	1	05/14/03	
Dichloromethane	<1.	U	1.	1	05/14/03	
1,2-Dichloropropane	<1.	U	1.	1	05/14/03	
cis-1,3-Dichloropropylene	<1.	U	1.	1	05/14/03	
trans-1,3-Dichloropropylene	<1.	U	1.	1	05/14/03	
Ethylbenzene	<1.	U	1.	1	05/14/03	
1,1,2,2-Tetrachloroethane	<1.	U	1.	1	05/14/03	
Tetrachloroethylene	<1.	U	1.	1	05/14/03	
Toluene	<1.	U	1.	1	05/14/03	
1,1,1-Trichloroethane	<1.	U	1.	1	05/14/03	
1,1,2-Trichloroethane	<1.	U	1.	1	05/14/03	

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: May 16, 2003      Monika Santucci

# O'Brien & Gere Laboratories, Inc.

# Analytical Results Method: 8021

Client: O'Brien & Gere Inc. of North America  
 Project: Former Accurate Die - Fayetteville, NY  
 Proj. Desc:  
 Package#: 5234  
 Sample: A4871  
 Sample Description: WTP Effluent - Grab  
 Instrument: 9001  
 Units: ug/L  
 Number of analytes: 34

Job No.: 3027.001.11102  
 Certification NY No.: 10155

Collected: 05/01/03 Matrix: Water  
 Received: 05/01/03 QC Batch: 051403W1  
 Prepared: 05/14/03 %Solids:  
 Sample Size: 5 ml

Parameter	Result	Qual	PQL	Dil	Analyzed	Notes
Trichloroethylene	<1.	U	1.	1	05/14/03	
Trichlorofluoromethane	<1.	U	1.	1	05/14/03	
Vinyl Chloride	<1.	U	1.	1	05/14/03	
Xylenes (total)	<3.	U	3.	1	05/14/03	

Surrogate	%R	Qual	%R Limits
2-Chloropropane (surrogate)	104.		77-126
Fluorobenzene (surrogate)	99.		80-120

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: May 16, 2003 Monika Santucci

# O'Brien & Gere Laboratories, Inc.

# Analytical Results Method: 8021

Client: O'Brien & Gere Inc. of North America  
 Project: Former Accurate Die - Fayetteville, NY  
 Proj. Desc:  
 Package#: 5234  
 Sample: A4872  
 Sample Description: WTP Influent  
 Instrument: 9001  
 Units: ug/L  
 Number of analytes: 34

Job No.: 3027.001.11102  
 Certification NY No.: 10155

Collected: 05/01/03 Matrix: Water  
 Received: 05/01/03 QC Batch: 051403W1  
 Prepared: 05/14/03 %Solids:  
 Sample Size: 5 ml

Parameter	Result	Qual	PQL	Dil	Analyzed	Notes
Benzene	<20.	U	20.	20	05/14/03	
Bromodichloromethane	<20.	U	20.	20	05/14/03	
Bromoform	<200.	U	200.	20	05/14/03	
Bromomethane	<200.	U	200.	20	05/14/03	
Carbon tetrachloride	<20.	U	20.	20	05/14/03	
Chlorobenzene	<20.	U	20.	20	05/14/03	
Chloroethane	<20.	U	20.	20	05/14/03	
2-Chloroethylvinyl ether	<200.	U	200.	20	05/14/03	
Chloroform	<20.	U	20.	20	05/14/03	
Chloromethane	<200.	U	200.	20	05/14/03	
Dibromochloromethane	<20.	U	20.	20	05/14/03	
1,2-Dichlorobenzene	<100.	U	100.	20	05/14/03	
1,3-Dichlorobenzene	<100.	U	100.	20	05/14/03	
1,4-Dichlorobenzene	<100.	U	100.	20	05/14/03	
Dichlorodifluoromethane	<200.	U	200.	20	05/14/03	
1,1-Dichloroethane	<20.	U	20.	20	05/14/03	
1,2-Dichloroethane	<20.	U	20.	20	05/14/03	
1,1-Dichloroethylene	<20.	U	20.	20	05/14/03	
cis-1,2-Dichloroethylene	<20.	U	20.	20	05/14/03	
trans-1,2-Dichloroethylene	<20.	U	20.	20	05/14/03	
Dichloromethane	<20.	U	20.	20	05/14/03	
1,2-Dichloropropane	<20.	U	20.	20	05/14/03	
cis-1,3-Dichloropropylene	<20.	U	20.	20	05/14/03	
trans-1,3-Dichloropropylene	<20.	U	20.	20	05/14/03	
Ethylbenzene	<20.	U	20.	20	05/14/03	
1,1,2,2-Tetrachloroethane	<20.	U	20.	20	05/14/03	
Tetrachloroethylene	<20.	U	20.	20	05/14/03	
Toluene	<20.	U	20.	20	05/14/03	
1,1,1-Trichloroethane	<20.	U	20.	20	05/14/03	
1,1,2-Trichloroethane	<20.	U	20.	20	05/14/03	
Trichloroethylene	1200.		20	20	05/14/03	

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: May 16, 2003      Monika Santucci

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

**Analytical Results  
Method: 8021**

Client: O'Brien & Gere Inc. of North America  
 Project: Former Accurate Die - Fayetteville, NY  
 Proj. Desc:  
 Package#: 5234  
 Sample: A4872  
 Sample Description: WTP Influent  
 Instrument: 9001  
 Units: ug/L  
 Number of analytes: 34

Job No.: 3027.001.11102  
 Certification NY No.: 10155

Collected: 05/01/03 Matrix: Water  
 Received: 05/01/03 QC Batch: 051403W1  
 Prepared: 05/14/03 %Solids:  
 Sample Size: 5 ml

Parameter	Result	Qual	PQL	Dil	Analyzed	Notes
Trichlorofluoromethane	<20.	U	20.	20	05/14/03	
Vinyl Chloride	<20.	U	20.	20	05/14/03	
Xylenes (total)	<60.	U	60.	20	05/14/03	

Surrogate	%R	Qual	%R Limits
2-Chloropropane (surrogate)	89.		77-126
Fluorobenzene (surrogate)	99.		80-120

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: May 16, 2003 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#: 5234  
Sample: A4870  
Sample Description: WTP Effluent - Composite  
Units: mg/L

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 05/01/03      Matrix: Water  
Received: 05/01/03      %Solids:  
Number of analytes: 2

Parameter	Result	Q	Method	PQL	Prepared	Analyzed	QC Batch	Dil	Note
Mercury	<.00020	U	245.1	.00020	05/06/03	05/07/03	050603W2	1	
Zinc	.076		200.7	.010	05/08/03	05/09/03	050803W2	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: 

Date: May 15, 2003

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#: 5234  
Sample: A4870  
Samp. Description: WTP Effluent - Composite

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 05/01/03  
Received: 05/01/03 11:18  
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	560.		mg/L	EPA 160.1	10.	05/08/03	050803W23	1	
Total suspended solids	<5.0	U	mg/L	EPA 160.2	5.0	05/07/03	050703W22	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: May 20, 2003      Monika Santucci

O'Brien & Gere Laboratories, Inc.

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

Chain of Custody

Client: <u>OGIWA</u>						Analysis/Method									
Project: <u>Former Accurate Die Casting</u>						<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); border: 1px solid black; padding: 5px;">TSS / TDS</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg); border: 1px solid black; padding: 5px;">Zn + Hg</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg); border: 1px solid black; padding: 5px;">VOC's</div> </div> <div style="text-align: right; margin-top: 20px; font-size: 24px;">5234</div>									
Sampled by: <u>Richard McLaughlin</u>															
Client Contact: <u>JASON SPERRY</u> Phone # <u>2733</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>5/1/03</u>	<u>7-10 AM</u>	<u>Water</u>	<u>Comp</u>	<u>1</u>	<u>1</u>									
<u>WTP Effluent</u>	<u>5/1/03</u>	<u>7-10 AM</u>	<u>Water</u>	<u>Comp</u>	<u>1</u>		<u>1</u>								
<u>WTP Effluent</u>	<u>5/1/03</u>	<u>10 AM</u>	<u>Water</u>	<u>Grab</u>	<u>2</u>			<u>2</u>							
<u>WTP Inflow</u>	<u>5/1/03</u>	<u>10 AM</u>	<u>Water</u>	<u>Grab</u>	<u>2</u>			<u>2</u>							
<u>WTP Between Carbon Units</u>	<u>5/1/03</u>	<u>10 AM</u>	<u>Water</u>	<u>Grab</u>	<u>2</u>			<u>2</u>							
Relinquished by: <u>Richard McLaughlin</u> Date: <u>5/1/03</u> Time: <u>11:18</u>						Received by:						Date:		Time:	
Relinquished by:						Received by:						Date:		Time:	
Relinquished by:						Received by Lab: <u>Barbara Wheeler</u>						Date: <u>5/1/03</u>		Time: <u>11:18</u>	
Shipment Method:						Airbill Number:									

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

Comments:

Cooler Temperature: 0.6°C



**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#: 5288  
Sample: A5152  
Samp. Description: WTP Effluent

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 05/08/03  
Received: 05/08/03 11:35  
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	640.		mg/L	EPA 160.1	10.	05/12/03	051203W23	1	
Total suspended solids	<5.0	U	mg/L	EPA 160.2	5.0	05/14/03	051403W22	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: May 22, 2003      Monika Santucci

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

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

**Chain of Custody**

5288

Client: <i>Former Accur. OGINA</i>						Analysis/Method						
Project: <i>Former Accurate Die Casting</i>						TSS/TDS						
Sampled by: <i>Richard McLaughlin</i>												
Client Contact: <i>JASON Sperry</i> Phone # <i>2733</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>5/8/03</i>	<i>10 AM</i>	<i>Water</i>	<i>Comp</i>	<i>1</i>	<i>1</i>						
Relinquished by: <i>Richard McLaughlin</i>				Date: <i>5/8/03</i>	Time: <i>11:35</i>	Received by:			Date:	Time:		
Relinquished by:				Date:	Time:	Received by:			Date:	Time:		
Relinquished by:				Date:	Time:	Received by Lab: <i>Laura L. Moe</i>			Date: <i>5/8/03</i>	Time: <i>11:35</i>		
Shipment Method:						Airbill Number:						

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

Comments:

Cooler Temperature: 6°C

# 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#: 5366  
 Sample: A5526  
 Sample Description: WTP Effluent - Grab  
 Instrument: HP5973 GCMS#3  
 Units: ug/L  
 Number of analytes: 10

Job No.: 3027.001.11102  
 Certification NY No.: 10155

Collected: 05/15/03 Matrix: Water  
 Received: 05/15/03 QC Batch: 052203W3  
 Prepared: 05/22/03 %Solids:  
 Sample Size: 10 mL  
 Dilution: 1

Parameter	Result	Qual	PQL	Analyzed	Notes
Acetone	<10.	U	10	05/22/03	
Methylene chloride	<2.0	U	2	05/22/03	
trans-1,2-Dichloroethene	<.50	U	.5	05/22/03	
cis-1,2-Dichloroethene	<.50	U	.5	05/22/03	
Trichloroethene	<.50	U	.5	05/22/03	
4-Methyl-2-pentanone	<5.0	U	5	05/22/03	
Toluene	<.50	U	.5	05/22/03	
2-Hexanone	<5.0	U	5	05/22/03	
Tetrachloroethene	<.50	U	.5	05/22/03	
1,1,2,2-Tetrachloroethane	<.50	U	.5	05/22/03	

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	97		78-125
1,2-Dichloroethane-d4 (surrogate)	94		76-134
Toluene-d8 (surrogate)	105		80-120
Bromofluorobenzene (surrogate)	99		71-120

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: May 29, 2003 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#: 5366  
Sample: A5525  
Sample Description: WTP Effluent - Comp.  
Units: mg/L

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 05/15/03      Matrix: Water  
Received: 05/15/03      %Solids:  
Number of analytes: 2

Parameter	Result	Q	Method	PQL	Prepared	Analyzed	QC Batch	Dil	Note
Mercury	<.00020	U	245.1	.00020	05/20/03	05/20/03	052003W1	1	
Zinc	.063		200.7	.010	05/21/03	05/22/03	052103W2	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: May 28, 2003      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#: 5366  
Sample: A5525  
Samp. Description: WTP Effluent - Comp.

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 05/15/03 10:00  
Received: 05/15/03 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	660.		mg/L	EPA 160.1	10.	05/19/03	051903W22	1	
Total suspended solids	<5.0	U	mg/L	EPA 160.2	5.0	05/19/03	051903W23	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: May 30, 2003      Monika Santucci

Client: <u>OGINA</u>						Analysis/Method									
Project: <u>FORMER ACCURATE DIE CASTING</u>						5366 TSS/TDS ZN+HG VOC's									
Sampled by: <u>RICHARD McLAUGHLIN</u>															
Client Contact: <u>JASON SPERRY</u>				Phone # <u>2733</u>											
Sample Description															
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers										Comments
<u>WTP Effluent</u>	<u>5/15/03</u>	<u>10:00</u>	<u>WATER</u>	<u>Comp</u>	<u>1</u>	<u>1</u>									
<u>WTP EFFLUENT</u>	<u>5/15/03</u>	<u>10:00</u>	<u>WATER</u>	<u>Comp</u>	<u>1</u>		<u>1</u>								
<u>WTP EFFLUENT</u>	<u>5/15/03</u>	<u>10:00</u>	<u>WATER</u>	<u>Grab</u>	<u>2</u>			<u>2</u>							
Relinquished by: <u>Richard McLaughlin</u>			Date: <u>5/15/03</u> Time: <u>11:20</u>			Received by: <u>Eric Maron</u>			Date: <u>5-15-03</u> Time: <u>11:20</u>						
Relinquished by:			Date:            Time:			Received by:			Date:            Time:						
Relinquished by:			Date:            Time:			Received by Lab:			Date:            Time:						
Shipment Method:						Airbill Number:									

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

Comments:

Cooler Temperature: 3°C

**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#: 5425  
Sample: A5807  
Samp. Description: WTP Effluent

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 05/22/03  
Received: 05/22/03 11:35  
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	600.		mg/L	EPA 160.1	10.	05/29/03	052903W4	1	
Total suspended solids	<5.0	U	mg/L	EPA 160.2	5.0	05/28/03	052803W15	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: June 5, 2003      Monika Santucci

Client: <u>OGINA</u>						Analysis/Method								
Project: <u>Former Accurate Die Casting</u>						TSS/TDS								
Sampled by: <u>Richard McLaughlin</u>														
Client Contact: <u>JASON SPERAY</u>			Phone # <u>2733</u>											
Sample Description														
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	5425 Comments								
<u>WTP Effluent</u>	<u>5/24/03</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>5/24/03</u> Time: <u>11:35</u>			Received by:			Date: _____ Time: _____					
Relinquished by:			Date: _____ Time: _____			Received by:			Date: _____ Time: _____					
Relinquished by:			Date: _____ Time: _____			Received by Lab: <u>Barbara Wheeler</u>			Date: <u>5/22/03</u> Time: <u>11:35</u>					
Shipment Method:						Airbill Number:								

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

Comments:

Cooler Temperature: 3.2°c



**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#: 5474  
Sample: A6010  
Samp. Description: WTP Effluent

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 05/29/03  
Received: 05/29/03 13:35  
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.	06/04/03	060403W10	1	
Total suspended solids	<5.0	U	mg/L	EPA 160.2	5.0	06/04/03	060403W9	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: June 16, 2003      Monika Santucci

Client: <i>OGWA</i>						Analysis/Method <div style="font-size: 2em; transform: rotate(-45deg); opacity: 0.5;">5474</div> <div style="font-size: 2em; transform: rotate(-45deg); opacity: 0.5;">TSS/TDS</div>					
Project: <i>Former Accurate Die Casting</i>											
Sampled by: <i>Richard McLaughlin</i>											
Client Contact: <i>JASON SPERRY</i> Phone # <i>2733</i>											
Sample Description											
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers						Comments
<i>WTP Effluent</i>	<i>5/25/03</i>	<i>8:00 AM</i>	<i>WATER</i>	<i>Comp</i>	<i>1</i>	<i>1</i>					
Relinquished by: <i>R. McLaughlin</i>				Date: <i>5/29/03</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>Laura L Moe</i>				Date: <i>5/29/03</i> Time: <i>13:35</i>	
Shipment Method:						Airbill Number:					

Turnaround Time Required:  Routine \_\_\_\_\_  
 Rush (Specify) \_\_\_\_\_  
 Cooler Temperature: 3.4°C

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#: 5536  
 Sample: A6529  
 Sample Description: WTP Influent-Grab  
 Instrument: HP5973 GCMS#3  
 Units: ug/L  
 Number of analytes: 10

Job No.: 3027.001.11102  
 Certification NY No.: 10155

Collected: 06/05/03      Matrix: Water  
 Received: 06/05/03      QC Batch: 061803W3  
 Prepared: 06/18/03      %Solids:  
                                  Sample Size: 10 mL  
                                  Dilution: 50

Parameter	Result	Qual	PQL	Analyzed Notes
Acetone	<500.	U	500	06/18/03
Methylene chloride	<100.	U	100	06/18/03
trans-1,2-Dichloroethene	<25.	U	25	06/18/03
cis-1,2-Dichloroethene	<25.	U	25	06/18/03
Trichloroethene	970.		25	06/18/03
4-Methyl-2-pentanone	<250.	U	250	06/18/03
Toluene	<25.	U	25	06/18/03
2-Hexanone	<250.	U	250	06/18/03
Tetrachloroethene	<25.	U	25	06/18/03
1,1,2,2-Tetrachloroethane	<25.	U	25	06/18/03

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	99		78 - 125
1,2-Dichloroethane-d4 (surrogate)	100		76 - 134
Toluene-d8 (surrogate)	106		80 - 120
Bromofluorobenzene (surrogate)	103		71 - 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: June 19, 2003      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#: 5536  
 Sample: A6530  
 Sample Description: WTP In Between-Grab  
 Instrument: HP5973 GCMS#3  
 Units: ug/L  
 Number of analytes: 10

Job No.: 3027.001.11102  
 Certification NY No.: 10155

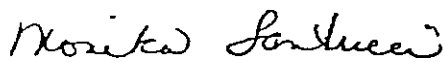
Collected: 06/05/03 Matrix: Water  
 Received: 06/05/03 QC Batch: 061803W3  
 Prepared: 06/18/03 %Solids:  
 Sample Size: 10 mL  
 Dilution: 50

Parameter	Result	Qual	PQL	Analyzed	Notes
Acetone	<500.	U	500	06/18/03	
Methylene chloride	<100.	U	100	06/18/03	
trans-1,2-Dichloroethene	<25.	U	25	06/18/03	
cis-1,2-Dichloroethene	<25.	U	25	06/18/03	
Trichloroethene	430.		25	06/18/03	
4-Methyl-2-pentanone	<250.	U	250	06/18/03	
Toluene	<25.	U	25	06/18/03	
2-Hexanone	<250.	U	250	06/18/03	
Tetrachloroethene	<25.	U	25	06/18/03	
1,1,2,2-Tetrachloroethane	<25.	U	25	06/18/03	

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	102		78-125
1,2-Dichloroethane-d4 (surrogate)	101		76-134
Toluene-d8 (surrogate)	103		80-120
Bromofluorobenzene (surrogate)	99		71-120

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: June 19, 2003 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#: 5536  
 Sample: A6531  
 Sample Description: WTP Effluent-Grab  
 Instrument: HP5973 GCMS#3  
 Units: ug/L  
 Number of analytes: 10

Job No.: 3027.001.11102  
 Certification NY No.: 10155

Collected: 06/05/03 Matrix: Water  
 Received: 06/05/03 QC Batch: 061803W3  
 Prepared: 06/18/03 %Solids:  
 Sample Size: 10 mL  
 Dilution: 1

Parameter	Result	Qual	PQL	Analyzed	Notes
Acetone	<10.	U	10	06/18/03	
Methylene chloride	<2.0	U	2	06/18/03	
trans-1,2-Dichloroethene	<.50	U	.5	06/18/03	
cis-1,2-Dichloroethene	<.50	U	.5	06/18/03	
Trichloroethene	<.50	U	.5	06/18/03	
4-Methyl-2-pentanone	<5.0	U	5	06/18/03	
Toluene	<.50	U	.5	06/18/03	
2-Hexanone	<5.0	U	5	06/18/03	
Tetrachloroethene	<.50	U	.5	06/18/03	
1,1,2,2-Tetrachloroethane	<.50	U	.5	06/18/03	

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	99		78-125
1,2-Dichloroethane-d4 (surrogate)	98		76-134
Toluene-d8 (surrogate)	104		80-120
Bromofluorobenzene (surrogate)	98		71-120

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: June 19, 2003 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#: 5536  
Sample: A6528  
Sample Description: WTP Effluent-Comp  
Units: mg/L

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 06/05/03      Matrix: Water  
Received: 06/05/03      %Solids:  
Number of analytes: 2

<u>Parameter</u>	<u>Result</u>	<u>Q</u>	<u>Method</u>	<u>PQL</u>	<u>Prepared</u>	<u>Analyzed</u>	<u>QC Batch</u>	<u>Dil</u>	<u>Note</u>
Mercury	<.00020	U	245.1	.00020	06/11/03	06/12/03	061103W1	1	
Zinc	.035		200.7	.010	06/17/03	06/18/03	061703W4	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: June 24, 2003      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#: 5536  
Sample: A6528  
Samp. Description: WTP Effluent-Comp

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 06/05/03  
Received: 06/05/03 11:55  
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.	06/11/03	061103W3	1	
Total suspended solids	<5.0	U	mg/L	EPA 160.2	5.0	06/10/03	061003W1	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: June 29, 2003      Monika Santucci

Client: <u>OGINA</u>						Analysis/Method <div style="font-size: 2em; transform: rotate(-45deg); display: inline-block;">5536</div> <div style="font-size: 1.5em; transform: rotate(-45deg); display: inline-block;">TSS/TDS</div> <div style="font-size: 1.5em; transform: rotate(-45deg); display: inline-block;">Zn-Hg</div> <div style="font-size: 1.5em; transform: rotate(-45deg); display: inline-block;">VOC's</div> <div style="font-size: 1.5em; transform: rotate(-45deg); display: inline-block;">VOC's</div> <div style="font-size: 1.5em; transform: rotate(-45deg); display: inline-block;">VOC's</div>						
Project: <u>Former Accurate Die Casting</u>												
Sampled by: <u>Richard McLaughlin</u>												
Client Contact: <u>Al Farnel</u>			Phone #									
Sample Description												
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers							Comments
<u>WTP Effluent</u>	<u>6/5/03</u>	<u>11:00</u>	<u>WATER</u>	<u>Comp</u>	<u>1</u>	<u>1</u>						
<u>WTP Effluent</u>	<u>6/5/03</u>	<u>11:00</u>	<u>WATER</u>	<u>Comp</u>	<u>1</u>		<u>1</u>					
<u>WTP In Effluent</u>	<u>6/5/03</u>	<u>11:00</u>	<u>WATER</u>	<u>GRAB</u>	<u>2</u>			<u>2</u>				
<u>WTP In Between</u>	<u>6/5/03</u>	<u>11:00</u>	<u>WATER</u>	<u>GRAB</u>	<u>2</u>				<u>2</u>			
<u>WTP Effluent</u>	<u>6/5/03</u>	<u>11:00</u>	<u>WATER</u>	<u>GRAB</u>	<u>2</u>					<u>2</u>		
Relinquished by: <u>Richard McLaughlin</u>			Date: <u>6/5/03</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>Laura L. Noel</u>			Date: <u>6/5/03</u> Time: <u>11:55</u>			
Shipment Method:						Airbill Number:						

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

Comments:

Cooler Temperature: 3°C



**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#: 5599  
Sample: A6812  
Samp. Description: WTP Effluent

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 06/12/03  
Received: 06/12/03 11:38  
Matrix: Water  
Number of Analytes: 2

Parameter	Result	Q	Units	Method	PQL	Analyzed	QC Batch	Dil	Note
Total dissolved solids	650.		mg/L	EPA 160.1	10.	06/17/03	061703W2	1	
Total suspended solids	<5.0	U	mg/L	EPA 160.2	5.0	06/16/03	061603W1	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: June 29, 2003      Monika Santucci

Client: <i>OGINA</i>						Analysis/Method						
Project: <i>Formen Accurate Die Casting</i>						5599 TSS/TDS						
Sampled by: <i>Richard McLaughlin</i>												
Client Contact: <i>AL FARREL</i>			Phone #									
Sample Description												
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers							
<i>WTP Effluent</i>	<i>6/12/03</i>	<i>10:00</i>	<i>WATER</i>	<i>Comp.</i>	<i>1</i>							
Relinquished by: <i>Richard McLaughlin</i>			Date: <i>6/12/03</i> Time: <i>11:38</i>			Received by:			Date: _____ Time: _____			
Relinquished by:			Date: _____ Time: _____			Received by:			Date: _____ Time: _____			
Relinquished by:			Date: _____ Time: _____			Received by Lab: <i>Laura L. Hill</i>			Date: <i>6/12/03</i> Time: <i>11:38</i>			
Shipment Method:						Airbill Number:						

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

Comments:

Cooler Temperature: 2.6°C

**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#: 5653  
Sample: A7154  
Samp. Description: WTP Effluent - Comp

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 06/19/03  
Received: 06/19/03 11:15  
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	720.		mg/L	EPA 160.1	10.	06/24/03	062403W3	1	
Total suspended solids	<5.0	U	mg/L	EPA 160.2	5.0	06/24/03	062403W3	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: June 29, 2003      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#: 5653  
Sample: A7154  
Sample Description: WTP Effluent - Comp  
Units: mg/L

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 06/19/03      Matrix: Water  
Received: 06/19/03      %Solids:  
Number of analytes: 2

Parameter	Result	Q	Method	PQL	Prepared	Analyzed	QC Batch	Dil	Note
Mercury	<.00020	U	245.1	.00020	06/25/03	06/25/03	062503W2	1	
Zinc	.027		200.7	.010	06/25/03	06/26/03	062503W4	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: June 30, 2003      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#: 5653  
 Sample: A7155  
 Sample Description: WTP Effluent - Grab  
 Instrument: HP5973 GCMS#3  
 Units: ug/L  
 Number of analytes: 10

Job No.: 3027 . 001 . 11102  
 Certification NY No.: 10155

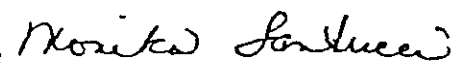
Collected: 06/19/03 Matrix: Water  
 Received: 06/19/03 QC Batch: 062603W3  
 Prepared: 06/26/03 %Solids:  
 Sample Size: 10 mL  
 Dilution: 1

Parameter	Result	Qual	PQL	Analyzed Notes
Acetone	<10.	U	10	06/26/03
Methylene chloride	<2.0	U	2	06/26/03
trans-1,2-Dichloroethene	<.50	U	.5	06/26/03
cis-1,2-Dichloroethene	<.50	U	.5	06/26/03
Trichloroethene	<.50	U	.5	06/26/03
4-Methyl-2-pentanone	<5.0	U	5	06/26/03
Toluene	<.50	U	.5	06/26/03
2-Hexanone	<5.0	U	5	06/26/03
Tetrachloroethene	<.50	U	.5	06/26/03
1,1,2,2-Tetrachloroethane	<.50	U	.5	06/26/03

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	100		78-125
1,2-Dichloroethane-d4 (surrogate)	101		76-134
Toluene-d8 (surrogate)	103		80-120
Bromofluorobenzene (surrogate)	98		71-120

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: July 3, 2003 Monika Santucci

Client: <u>OGINA</u>						Analysis/Method							
Project: <u>FORMER Accurate Die Casting</u>						5653 TSS/TDS Hg+2W VOC's							
Sampled by: <u>Richard McLaughlin</u>													
Client Contact: <u>Al Farrell</u>			Phone #										
Sample Description													
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers								Comments
<u>WTP Effluent</u>	<u>6/19/03</u>	<u>10:00</u>	<u>WATER</u>	<u>COMP</u>	<u>1</u>	<u>1</u>							
<u>WTP Effluent</u>	<u>6/19/03</u>	<u>10:00</u>	<u>WATER</u>	<u>COMP</u>	<u>1</u>		<u>1</u>						
<u>WTP Effluent</u>	<u>6/19/03</u>	<u>10:00</u>	<u>WATER</u>	<u>GRAB</u>	<u>2</u>			<u>2</u>					
Relinquished by: <u>Richard McLaughlin</u>						Date: <u>6/19/03</u>		Time: <u>11:15</u>		Received by:		Date: _____ Time: _____	
Relinquished by:						Date:		Time:		Received by:		Date: _____ Time: _____	
Relinquished by:						Date:		Time:		Received by Lab: <u>Brian H. [Signature]</u>		Date: <u>6/19/03</u> Time: <u>11:15</u>	
Shipment Method:						Airbill Number:							

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

Comments:

Cooler Temperature: 1°C

**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#: 5747  
Sample: A7601  
Samp. Description: WTP Effluent

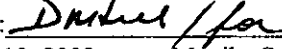
Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 06/26/03  
Received: 06/26/03 12:00  
Matrix: Water  
Number of Analytes: 2

Parameter	Result	Q	Units	Method	PQL	Analyzed	QC Batch	Dil	Note
Total dissolved solids	740.		mg/L	EPA 160.1	10.	07/02/03	070203W3	1	
Total suspended solids	<5.0	U	mg/L	EPA 160.2	5.0	07/02/03	070203W2	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:   
Date: July 10, 2003  
Monika Santucci

Client: <i>OGINA</i>						Analysis/Method					
Project: <i>Former Accurate Die Cast</i>						<div style="font-size: 2em; transform: rotate(-45deg); display: inline-block;">5747</div> <div style="font-size: 3em; transform: rotate(-45deg); display: inline-block;">TSS/TDS</div>					
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>6/24/03</i>	<i>10:00</i>	<i>Water</i>	<i>Comp.</i>	<i>1</i>	<i>1</i>					
Relinquished by: <i>Richard McLaughlin</i>						Date:		Time: <i>12:00</i>		Received by:	
Relinquished by:						Date:		Time:		Received by:	
Relinquished by:						Date:		Time:		Received by Lab: <i>Karen L. Moore</i>	
Shipment Method:						Date: <i>6/26/03</i> Time: <i>12:00</i>					
						Arbill Number:					

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

Comments:

Cooler Temperature: 2°C



**ATTACHMENT B**

**SEMI-ANNUAL GROUND WATER MONITORING  
LABORATORY ANALYTICAL DATA REPORT**

# O'Brien & Gere Laboratories, Inc.

# Analytical Results Method: 8021

Client: O'Brien & Gere Inc. of North America  
 Project: Former Accurate Die - Fayetteville, NY  
 Proj. Desc:  
 Package#: 5232  
 Sample: A4864  
 Sample Description: MW-10  
 Instrument: 9001  
 Units: ug/L  
 Number of analytes: 34

Job No.: 3027.001.11102  
 Certification NY No.: 10155

Collected: 05/01/03 Matrix: Water  
 Received: 05/01/03 QC Batch: 050503W1  
 Prepared: 05/05/03 %Solids:  
 Sample Size: 5 ml

Parameter	Result	Qual	PQL	Dil	Analyzed	Notes
Benzene	<20.	U	20.	20	05/05/03	
Bromodichloromethane	<20.	U	20.	20	05/05/03	
Bromoform	<200.	U	200.	20	05/05/03	
Bromomethane	<200.	U	200.	20	05/05/03	
Carbon tetrachloride	<20.	U	20.	20	05/05/03	
Chlorobenzene	<20.	U	20.	20	05/05/03	
Chloroethane	<20.	U	20.	20	05/05/03	
2-Chloroethylvinyl ether	<200.	U	200.	20	05/05/03	
Chloroform	<20.	U	20.	20	05/05/03	
Chloromethane	<200.	U	200.	20	05/05/03	
Dibromochloromethane	<20.	U	20.	20	05/05/03	
1,2-Dichlorobenzene	<100.	U	100.	20	05/05/03	
1,3-Dichlorobenzene	<100.	U	100.	20	05/05/03	
1,4-Dichlorobenzene	<100.	U	100.	20	05/05/03	
Dichlorodifluoromethane	<200.	U	200.	20	05/05/03	
1,1-Dichloroethane	<20.	U	20.	20	05/05/03	
1,2-Dichloroethane	<20.	U	20.	20	05/05/03	
1,1-Dichloroethylene	<20.	U	20.	20	05/05/03	
cis-1,2-Dichloroethylene	<20.	U	20.	20	05/05/03	
trans-1,2-Dichloroethylene	<20.	U	20.	20	05/05/03	
Dichloromethane	<20.	U	20.	20	05/05/03	
1,2-Dichloropropane	<20.	U	20.	20	05/05/03	
cis-1,3-Dichloropropylene	<20.	U	20.	20	05/05/03	
trans-1,3-Dichloropropylene	<20.	U	20.	20	05/05/03	
Ethylbenzene	<20.	U	20.	20	05/05/03	
1,1,2,2-Tetrachloroethane	<20.	U	20.	20	05/05/03	
Tetrachloroethylene	<20.	U	20.	20	05/05/03	
Toluene	<20.	U	20.	20	05/05/03	
1,1,1-Trichloroethane	<20.	U	20.	20	05/05/03	
1,1,2-Trichloroethane	<20.	U	20.	20	05/05/03	
Trichloroethylene	530.		20	20	05/05/03	

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: May 7, 2003 Monika Santucci

# O'Brien & Gere Laboratories, Inc.

# Analytical Results Method: 8021

Client: O'Brien & Gere Inc. of North America  
 Project: Former Accurate Die - Fayetteville, NY  
 Proj. Desc:  
 Package#: 5232  
 Sample: A4864  
 Sample Description: MW-10  
 Instrument: 9001  
 Units: ug/L  
 Number of analytes: 34

Job No.: 3027.001.11102  
 Certification NY No.: 10155

Collected: 05/01/03 Matrix: Water  
 Received: 05/01/03 QC Batch: 050503W1  
 Prepared: 05/05/03 %Solids:  
 Sample Size: 5 ml

Parameter	Result	Qual	PQL	Dil	Analyzed	Notes
Trichlorofluoromethane	<20.	U	20.	20	05/05/03	
Vinyl Chloride	<20.	U	20.	20	05/05/03	
Xylenes (total)	<60.	U	60.	20	05/05/03	

Surrogate	%R	Qual	%R Limits
2-Chloropropane (surrogate)	80.		77-126
Fluorobenzene (surrogate)	100.		80-120

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: May 7, 2003      Monika Santucci

# O'Brien & Gere Laboratories, Inc.

# Analytical Results Method: 8021

Client: O'Brien & Gere Inc. of North America  
 Project: Former Accurate Die - Fayetteville, NY  
 Proj. Desc:  
 Package#: 5232  
 Sample: A4865  
 Sample Description: MW-11  
 Instrument: 9001  
 Units: ug/L  
 Number of analytes: 34

Job No.: 3027.001.11102  
 Certification NY No.: 10155

Collected: 05/01/03 Matrix: Water  
 Received: 05/01/03 QC Batch: 050503W1  
 Prepared: 05/05/03 %Solids:  
 Sample Size: 5 ml

Parameter	Result	Qual	PQL	Dil	Analyzed	Notes
Benzene	<20.	U	20.	20	05/05/03	
Bromodichloromethane	<20.	U	20.	20	05/05/03	
Bromoform	<200.	U	200.	20	05/05/03	
Bromomethane	<200.	U	200.	20	05/05/03	
Carbon tetrachloride	<20.	U	20.	20	05/05/03	
Chlorobenzene	<20.	U	20.	20	05/05/03	
Chloroethane	<20.	U	20.	20	05/05/03	
2-Chloroethylvinyl ether	<200.	U	200.	20	05/05/03	
Chloroform	<20.	U	20.	20	05/05/03	
Chloromethane	<200.	U	200.	20	05/05/03	
Dibromochloromethane	<20.	U	20.	20	05/05/03	
1,2-Dichlorobenzene	<100.	U	100.	20	05/05/03	
1,3-Dichlorobenzene	<100.	U	100.	20	05/05/03	
1,4-Dichlorobenzene	<100.	U	100.	20	05/05/03	
Dichlorodifluoromethane	<200.	U	200.	20	05/05/03	
1,1-Dichloroethane	<20.	U	20.	20	05/05/03	
1,2-Dichloroethane	<20.	U	20.	20	05/05/03	
1,1-Dichloroethylene	<20.	U	20.	20	05/05/03	
cis-1,2-Dichloroethylene	<20.	U	20.	20	05/05/03	
trans-1,2-Dichloroethylene	<20.	U	20.	20	05/05/03	
Dichloromethane	<20.	U	20.	20	05/05/03	
1,2-Dichloropropane	<20.	U	20.	20	05/05/03	
cis-1,3-Dichloropropylene	<20.	U	20.	20	05/05/03	
trans-1,3-Dichloropropylene	<20.	U	20.	20	05/05/03	
Ethylbenzene	<20.	U	20.	20	05/05/03	
1,1,2,2-Tetrachloroethane	<20.	U	20.	20	05/05/03	
Tetrachloroethylene	<20.	U	20.	20	05/05/03	
Toluene	<20.	U	20.	20	05/05/03	
1,1,1-Trichloroethane	<20.	U	20.	20	05/05/03	
1,1,2-Trichloroethane	<20.	U	20.	20	05/05/03	
Trichloroethylene	940.		20	20	05/05/03	

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: May 7, 2003                      Monika Santucci

# O'Brien & Gere Laboratories, Inc.

# Analytical Results Method: 8021

Client: O'Brien & Gere Inc. of North America  
 Project: Former Accurate Die - Fayetteville, NY  
 Proj. Desc:  
 Package#: 5232  
 Sample: A4865  
 Sample Description: MW-11  
 Instrument: 9001  
 Units: ug/L  
 Number of analytes: 34

Job No.: 3027.001.11102  
 Certification NY No.: 10155

Collected: 05/01/03 Matrix: Water  
 Received: 05/01/03 QC Batch: 050503W1  
 Prepared: 05/05/03 %Solids:  
 Sample Size: 5 ml

Parameter	Result	Qual	PQL	Dil	Analyzed	Notes
Trichlorofluoromethane	<20.	U	20.	20	05/05/03	
Vinyl Chloride	<20.	U	20.	20	05/05/03	
Xylenes (total)	<60.	U	60.	20	05/05/03	

Surrogate	%R	Qual	%R Limits
2-Chloropropane (surrogate)	89.		77-126
Fluorobenzene (surrogate)	99.		80-120

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: May 7, 2003 Monika Santucci

# O'Brien & Gere Laboratories, Inc.

# Analytical Results Method: 8021

Client: O'Brien & Gere Inc. of North America  
 Project: Former Accurate Die - Fayetteville, NY  
 Proj. Desc:  
 Package#: 5232  
 Sample: A4866  
 Sample Description: MW-14  
 Instrument: 9001  
 Units: ug/L  
 Number of analytes: 34

Job No.: 3027.001.11102  
 Certification NY No.: 10155

Collected: 05/01/03 Matrix: Water  
 Received: 05/01/03 QC Batch: 050503W1  
 Prepared: 05/05/03 %Solids:  
 Sample Size: 5 ml

Parameter	Result	Qual	PQL	Dil	Analyzed	Notes
Benzene	<5.	U	5.	5	05/05/03	
Bromodichloromethane	<5.	U	5.	5	05/05/03	
Bromoform	<50.	U	50.	5	05/05/03	
Bromomethane	<50.	U	50.	5	05/05/03	
Carbon tetrachloride	<5.	U	5.	5	05/05/03	
Chlorobenzene	<5.	U	5.	5	05/05/03	
Chloroethane	<5.	U	5.	5	05/05/03	
2-Chloroethylvinyl ether	<50.	U	50.	5	05/05/03	
Chloroform	<5.	U	5.	5	05/05/03	
Chloromethane	<50.	U	50.	5	05/05/03	
Dibromochloromethane	<5.	U	5.	5	05/05/03	
1,2-Dichlorobenzene	<25.	U	25.	5	05/05/03	
1,3-Dichlorobenzene	<25.	U	25.	5	05/05/03	
1,4-Dichlorobenzene	<25.	U	25.	5	05/05/03	
Dichlorodifluoromethane	<50.	U	50.	5	05/05/03	
1,1-Dichloroethane	<5.	U	5.	5	05/05/03	
1,2-Dichloroethane	<5.	U	5.	5	05/05/03	
1,1-Dichloroethylene	<5.	U	5.	5	05/05/03	
cis-1,2-Dichloroethylene	<5.	U	5.	5	05/05/03	
trans-1,2-Dichloroethylene	<5.	U	5.	5	05/05/03	
Dichloromethane	<5.	U	5.	5	05/05/03	
1,2-Dichloropropane	<5.	U	5.	5	05/05/03	
cis-1,3-Dichloropropylene	<5.	U	5.	5	05/05/03	
trans-1,3-Dichloropropylene	<5.	U	5.	5	05/05/03	
Ethylbenzene	<5.	U	5.	5	05/05/03	
1,1,2,2-Tetrachloroethane	<5.	U	5.	5	05/05/03	
Tetrachloroethylene	<5.	U	5.	5	05/05/03	
Toluene	<5.	U	5.	5	05/05/03	
1,1,1-Trichloroethane	<5.	U	5.	5	05/05/03	
1,1,2-Trichloroethane	<5.	U	5.	5	05/05/03	
Trichloroethylene	310.		5	5	05/05/03	

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: May 7, 2003                      Monika Santucci

# O'Brien & Gere Laboratories, Inc.

# Analytical Results Method: 8021

Client: O'Brien & Gere Inc. of North America  
Project: Former Accurate Die - Fayetteville, NY  
Proj. Desc:  
Package#: 5232  
Sample: A4866  
Sample Description: MW-14  
Instrument: 9001  
Units: ug/L  
Number of analytes: 34

Job No.: 3027.001.11102  
Certification NY No.: 10155


Collected: 05/01/03 Matrix: Water  
Received: 05/01/03 QC Batch: 050503W1  
Prepared: 05/05/03 %Solids:  
Sample Size: 5 ml

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>PQL</u>	<u>Dil</u>	<u>Analyzed</u>	<u>Notes</u>
Trichlorofluoromethane	<5.	U	5.	5	05/05/03	
Vinyl Chloride	<5.	U	5.	5	05/05/03	
Xylenes (total)	<15.	U	15.	5	05/05/03	

<u>Surrogate</u>	<u>%R</u>	<u>Qual</u>	<u>%R</u>	<u>Limits</u>
2-Chloropropane (surrogate)	80.			77 - 126
Fluorobenzene (surrogate)	99.			80 - 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: May 7, 2003 Monika Santucci

# O'Brien & Gere Laboratories, Inc.

# Analytical Results Method: 8021

Client: O'Brien & Gere Inc. of North America  
 Project: Former Accurate Die - Fayetteville, NY  
 Proj. Desc:  
 Package#: 5232  
 Sample: A4863  
 Sample Description: MW-18  
 Instrument: 9001  
 Units: ug/L  
 Number of analytes: 34

Job No.: 3027.001.11102  
 Certification NY No.: 10155

Collected: 05/01/03 Matrix: Water  
 Received: 05/01/03 QC Batch: 050503W1  
 Prepared: 05/05/03 %Solids:  
 Sample Size: 5 ml

Parameter	Result	Qual	PQL	Dil	Analyzed	Notes
Benzene	<50.	U	50.	50	05/05/03	
Bromodichloromethane	<50.	U	50.	50	05/05/03	
Bromoform	<500.	U	500.	50	05/05/03	
Bromomethane	<500.	U	500.	50	05/05/03	
Carbon tetrachloride	<50.	U	50.	50	05/05/03	
Chlorobenzene	<50.	U	50.	50	05/05/03	
Chloroethane	<50.	U	50.	50	05/05/03	
2-Chloroethylvinyl ether	<500.	U	500.	50	05/05/03	
Chloroform	<50.	U	50.	50	05/05/03	
Chloromethane	<500.	U	500.	50	05/05/03	
Dibromochloromethane	<50.	U	50.	50	05/05/03	
1,2-Dichlorobenzene	<250.	U	250.	50	05/05/03	
1,3-Dichlorobenzene	<250.	U	250.	50	05/05/03	
1,4-Dichlorobenzene	<250.	U	250.	50	05/05/03	
Dichlorodifluoromethane	<500.	U	500.	50	05/05/03	
1,1-Dichloroethane	<50.	U	50.	50	05/05/03	
1,2-Dichloroethane	<50.	U	50.	50	05/05/03	
1,1-Dichloroethylene	<50.	U	50.	50	05/05/03	
cis-1,2-Dichloroethylene	130.		50	50	05/05/03	
trans-1,2-Dichloroethylene	<50.	U	50.	50	05/05/03	
Dichloromethane	<50.	U	50.	50	05/05/03	
1,2-Dichloropropane	<50.	U	50.	50	05/05/03	
cis-1,3-Dichloropropylene	<50.	U	50.	50	05/05/03	
trans-1,3-Dichloropropylene	<50.	U	50.	50	05/05/03	
Ethylbenzene	<50.	U	50.	50	05/05/03	
1,1,2,2-Tetrachloroethane	<50.	U	50.	50	05/05/03	
Tetrachloroethylene	<50.	U	50.	50	05/05/03	
Toluene	<50.	U	50.	50	05/05/03	
1,1,1-Trichloroethane	<50.	U	50.	50	05/05/03	
1,1,2-Trichloroethane	<50.	U	50.	50	05/05/03	
Trichloroethylene	2100.		50	50	05/05/03	

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: May 7, 2003      Monika Santucci



# O'Brien & Gere Laboratories, Inc.

## Analytical Results Method: 8021

Client: O'Brien & Gere Inc. of North America  
Project: Former Accurate Die - Fayetteville, NY  
Proj. Desc:  
Package#: 5232  
Sample: A4863  
Sample Description: MW-18  
Instrument: 9001  
Units: ug/L  
Number of analytes: 34

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 05/01/03      Matrix: Water  
Received: 05/01/03      QC Batch: 050503W1  
Prepared: 05/05/03      %Solids:  
Sample Size: 5 ml

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>PQL</u>	<u>Dil</u>	<u>Analyzed</u>	<u>Notes</u>
Trichlorofluoromethane	<50.	U	50.	50	05/05/03	
Vinyl Chloride	<50.	U	50.	50	05/05/03	
Xylenes (total)	<150.	U	150.	50	05/05/03	

<u>Surrogate</u>	<u>%R</u>	<u>Qual</u>	<u>%R</u>	<u>Limits</u>
2-Chloropropane (surrogate)	91.			77-126
Fluorobenzene (surrogate)	98.			80-120

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: May 7, 2003      Monika Santucci

# O'Brien & Gere Laboratories, Inc.

# Analytical Results Method: 8021

Client: O'Brien & Gere Inc. of North America  
 Project: Former Accurate Die - Fayetteville, NY  
 Proj. Desc:  
 Package#: 5232  
 Sample: A4862  
 Sample Description: MW-24  
 Instrument: 9001  
 Units: ug/L  
 Number of analytes: 34

Job No.: 3027.001.11102  
 Certification NY No.: 10155

Collected: 05/01/03 Matrix: Water  
 Received: 05/01/03 QC Batch: 050503W1  
 Prepared: 05/06/03 %Solids:  
 Sample Size: 5 ml

Parameter	Result	Qual	PQL	Dil	Analyzed	Notes
Benzene	<10.	U	10.	10	05/06/03	
Bromodichloromethane	<10.	U	10.	10	05/06/03	
Bromoform	<100.	U	100.	10	05/06/03	
Bromomethane	<100.	U	100.	10	05/06/03	
Carbon tetrachloride	<10.	U	10.	10	05/06/03	
Chlorobenzene	<10.	U	10.	10	05/06/03	
Chloroethane	<10.	U	10.	10	05/06/03	
2-Chloroethylvinyl ether	<100.	U	100.	10	05/06/03	
Chloroform	<10.	U	10.	10	05/06/03	
Chloromethane	<100.	U	100.	10	05/06/03	
Dibromochloromethane	<10.	U	10.	10	05/06/03	
1,2-Dichlorobenzene	<50.	U	50.	10	05/06/03	
1,3-Dichlorobenzene	<50.	U	50.	10	05/06/03	
1,4-Dichlorobenzene	<50.	U	50.	10	05/06/03	
Dichlorodifluoromethane	<100.	U	100.	10	05/06/03	
1,1-Dichloroethane	<10.	U	10.	10	05/06/03	
1,2-Dichloroethane	<10.	U	10.	10	05/06/03	
1,1-Dichloroethylene	<10.	U	10.	10	05/06/03	
cis-1,2-Dichloroethylene	410.		10	10	05/06/03	
trans-1,2-Dichloroethylene	<10.	U	10.	10	05/06/03	
Dichloromethane	<10.	U	10.	10	05/06/03	
1,2-Dichloropropane	<10.	U	10.	10	05/06/03	
cis-1,3-Dichloropropylene	<10.	U	10.	10	05/06/03	
trans-1,3-Dichloropropylene	<10.	U	10.	10	05/06/03	
Ethylbenzene	<10.	U	10.	10	05/06/03	
1,1,2,2-Tetrachloroethane	<10.	U	10.	10	05/06/03	
Tetrachloroethylene	<10.	U	10.	10	05/06/03	
Toluene	<10.	U	10.	10	05/06/03	
1,1,1-Trichloroethane	<10.	U	10.	10	05/06/03	
1,1,2-Trichloroethane	<10.	U	10.	10	05/06/03	
Trichloroethylene	390.		10	10	05/06/03	

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: May 7, 2003 Monika Santucci

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

**Analytical Results  
Method: 8021**

Client: O'Brien & Gere Inc. of North America  
Project: Former Accurate Die - Fayetteville, NY  
Proj. Desc:  
Package#: 5232  
Sample: A4862  
Sample Description: MW-24  
Instrument: 9001  
Units: ug/L  
Number of analytes: 34

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 05/01/03 Matrix: Water  
Received: 05/01/03 QC Batch: 050503W1  
Prepared: 05/06/03 %Solids:  
Sample Size: 5 ml

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>PQL</u>	<u>Dil</u>	<u>Analyzed</u>	<u>Notes</u>
Trichlorofluoromethane	<10.	U	10.	10	05/06/03	
Vinyl Chloride	<10.	U	10.	10	05/06/03	
Xylenes (total)	<30.	U	30.	10	05/06/03	

<u>Surrogate</u>	<u>%R</u>	<u>Qual</u>	<u>%R</u>	<u>Limits</u>
2-Chloropropane (surrogate)	86.			77-126
Fluorobenzene (surrogate)	99.			80-120

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: May 7, 2003      Monika Santucci

# O'Brien & Gere Laboratories, Inc.

# Analytical Results Method: 8021

Client: O'Brien & Gere Inc. of North America  
 Project: Former Accurate Die - Fayetteville, NY  
 Proj. Desc:  
 Package#: 5232  
 Sample: A4861  
 Sample Description: SUMP  
 Instrument: 9001  
 Units: ug/L  
 Number of analytes: 34

Job No.: 3027.001.11102  
 Certification NY No.: 10155

Collected: 05/01/03 Matrix: Water  
 Received: 05/01/03 QC Batch: 050503W1  
 Prepared: 05/06/03 %Solids:  
 Sample Size: 5 ml

Parameter	Result	Qual	PQL	Dil	Analyzed	Notes
Benzene	<20.	U	20.	20	05/06/03	
Bromodichloromethane	<20.	U	20.	20	05/06/03	
Bromoform	<200.	U	200.	20	05/06/03	
Bromomethane	<200.	U	200.	20	05/06/03	
Carbon tetrachloride	<20.	U	20.	20	05/06/03	
Chlorobenzene	<20.	U	20.	20	05/06/03	
Chloroethane	<20.	U	20.	20	05/06/03	
2-Chloroethylvinyl ether	<200.	U	200.	20	05/06/03	
Chloroform	<20.	U	20.	20	05/06/03	
Chloromethane	<200.	U	200.	20	05/06/03	
Dibromochloromethane	<20.	U	20.	20	05/06/03	
1,2-Dichlorobenzene	<100.	U	100.	20	05/06/03	
1,3-Dichlorobenzene	<100.	U	100.	20	05/06/03	
1,4-Dichlorobenzene	<100.	U	100.	20	05/06/03	
Dichlorodifluoromethane	<200.	U	200.	20	05/06/03	
1,1-Dichloroethane	<20.	U	20.	20	05/06/03	
1,2-Dichloroethane	<20.	U	20.	20	05/06/03	
1,1-Dichloroethylene	<20.	U	20.	20	05/06/03	
cis-1,2-Dichloroethylene	<20.	U	20.	20	05/06/03	
trans-1,2-Dichloroethylene	<20.	U	20.	20	05/06/03	
Dichloromethane	<20.	U	20.	20	05/06/03	
1,2-Dichloropropane	<20.	U	20.	20	05/06/03	
cis-1,3-Dichloropropylene	<20.	U	20.	20	05/06/03	
trans-1,3-Dichloropropylene	<20.	U	20.	20	05/06/03	
Ethylbenzene	<20.	U	20.	20	05/06/03	
1,1,2,2-Tetrachloroethane	<20.	U	20.	20	05/06/03	
Tetrachloroethylene	<20.	U	20.	20	05/06/03	
Toluene	<20.	U	20.	20	05/06/03	
1,1,1-Trichloroethane	<20.	U	20.	20	05/06/03	
1,1,2-Trichloroethane	<20.	U	20.	20	05/06/03	

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: May 7, 2003      Monika Santucci

# O'Brien & Gere Laboratories, Inc.

# Analytical Results Method: 8021

Client: O'Brien & Gere Inc. of North America  
Project: Former Accurate Die - Fayetteville, NY  
Proj. Desc:  
Package#: 5232  
Sample: A4861  
Sample Description: SUMP  
Instrument: 9001  
Units: ug/L  
Number of analytes: 34

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 05/01/03 Matrix: Water  
Received: 05/01/03 QC Batch: 050503W1  
Prepared: 05/06/03 %Solids:  
Sample Size: 5 ml

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>PQL</u>	<u>Dil</u>	<u>Analyzed</u>	<u>Notes</u>
Trichloroethylene	640.		20	20	05/06/03	
Trichlorofluoromethane	<20.	U	20.	20	05/06/03	
Vinyl Chloride	<20.	U	20.	20	05/06/03	
Xylenes (total)	<60.	U	60.	20	05/06/03	

<u>Surrogate</u>	<u>%R</u>	<u>Qual</u>	<u>%R</u>	<u>Limits</u>
2-Chloropropane (surrogate)	89.			77-126
Fluorobenzene (surrogate)	98.			80-120

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: May 7, 2003      Monika Santucci

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

**Analytical Results  
Method: 8021**

Client: O'Brien & Gere Inc. of North America  
 Project: Former Accurate Die - Fayetteville, NY  
 Proj. Desc:  
 Package#: 5232  
 Sample: A4867  
 Sample Description: QC Trip Blank  
 Instrument: 9001  
 Units: ug/L  
 Number of analytes: 34

Job No.: 3027.001.11102  
 Certification NY No.: 10155

Collected: 05/01/03 Matrix: Water  
 Received: 05/01/03 QC Batch: 050503W1  
 Prepared: 05/05/03 %Solids:  
 Sample Size: 5 ml

Parameter	Result	Qual	PQL	Dil	Analyzed	Notes
Benzene	<1.	U	1.	1	05/05/03	
Bromodichloromethane	<1.	U	1.	1	05/05/03	
Bromoform	<10.	U	10.	1	05/05/03	
Bromomethane	<10.	U	10.	1	05/05/03	
Carbon tetrachloride	<1.	U	1.	1	05/05/03	
Chlorobenzene	<1.	U	1.	1	05/05/03	
Chloroethane	<1.	U	1.	1	05/05/03	
2-Chloroethylvinyl ether	<10.	U	10.	1	05/05/03	
Chloroform	<1.	U	1.	1	05/05/03	
Chloromethane	<10.	U	10.	1	05/05/03	
Dibromochloromethane	<1.	U	1.	1	05/05/03	
1,2-Dichlorobenzene	<5.	U	5.	1	05/05/03	
1,3-Dichlorobenzene	<5.	U	5.	1	05/05/03	
1,4-Dichlorobenzene	<5.	U	5.	1	05/05/03	
Dichlorodifluoromethane	<10.	U	10.	1	05/05/03	
1,1-Dichloroethane	<1.	U	1.	1	05/05/03	
1,2-Dichloroethane	<1.	U	1.	1	05/05/03	
1,1-Dichloroethylene	<1.	U	1.	1	05/05/03	
cis-1,2-Dichloroethylene	<1.	U	1.	1	05/05/03	
trans-1,2-Dichloroethylene	<1.	U	1.	1	05/05/03	
Dichloromethane	<1.	U	1.	1	05/05/03	
1,2-Dichloropropane	<1.	U	1.	1	05/05/03	
cis-1,3-Dichloropropylene	<1.	U	1.	1	05/05/03	
trans-1,3-Dichloropropylene	<1.	U	1.	1	05/05/03	
Ethylbenzene	<1.	U	1.	1	05/05/03	
1,1,2,2-Tetrachloroethane	<1.	U	1.	1	05/05/03	
Tetrachloroethylene	<1.	U	1.	1	05/05/03	
Toluene	<1.	U	1.	1	05/05/03	
1,1,1-Trichloroethane	<1.	U	1.	1	05/05/03	
1,1,2-Trichloroethane	<1.	U	1.	1	05/05/03	
Trichloroethylene	<1.	U	1.	1	05/05/03	

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: May 7, 2003 Monika Santucci

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

**Analytical Results  
Method: 8021**

Client: O'Brien & Gere Inc. of North America  
 Project: Former Accurate Die - Fayetteville, NY  
 Proj. Desc:  
 Package#: 5232  
 Sample: A4867  
 Sample Description: QC Trip Blank  
 Instrument: 9001  
 Units: ug/L  
 Number of analytes: 34

Job No.: 3027.001.11102  
 Certification NY No.: 10155

Collected: 05/01/03 Matrix: Water  
 Received: 05/01/03 QC Batch: 050503W1  
 Prepared: 05/05/03 %Solids:  
 Sample Size: 5 ml

Parameter	Result	Qual	PQL	Dil	Analyzed	Notes
Trichlorofluoromethane	<1.	U	1.	1	05/05/03	
Vinyl Chloride	<1.	U	1.	1	05/05/03	
Xylenes (total)	<3.	U	3.	1	05/05/03	

Surrogate	%R	Qual	%R Limits
2-Chloropropane (surrogate)	100.		77 - 126
Fluorobenzene (surrogate)	99.		80 - 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: May 7, 2003                      Monika Santucci

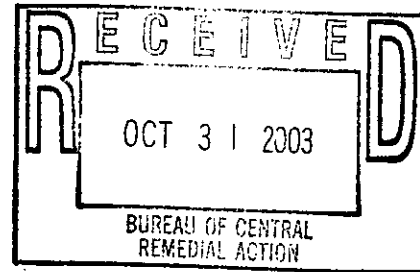
Client: O'BRIEN & GERE INC.						Analysis/Method  1106s (8021)											
Project: Accurate Die Casting																	
Sampled by: Yuri Veliz																	
Client Contact: Deborah Wright Phone # 437-6100																	
Sample Description						5232 Comments											
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers												
SUMP	5/1/03	930	water	Grab	2												
MW-24	↓	1130	↓	↓	↓												
MW-18	↓	1200	↓	↓	↓												
MW-10	↓	1230	↓	↓	↓												
MW-11	↓	1245	↓	↓	↓												
MW-14	5/1/03	1310	water	Grab	2												
Relinquished by: Yuri Veliz			Date: 5/1/03 Time: 14:10			Received by:			Date: Time:								
Relinquished by:			Date: Time:			Received by:			Date: Time:								
Relinquished by:			Date: Time:			Received by Lab: Laura L. Nole			Date: 5/1/03 Time: 14:10								
Shipment Method:						Airbill Number:											

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

Comments: QCTD rec'd & scheduled - not on COC  
 BPW 5/1/03

Cooler Temperature: 6°C





October 28, 2003

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:

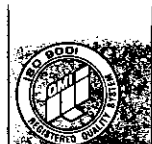
This letter presents the status of ground water treatment plant operations for the former Accurate Die Casting site in Fayetteville, New York for the third quarter of 2003 (July 1 to September 30). This information is provided as required by the Order on Consent (#A7-0318-94-10). Included are the results of the monitoring activities associated with the SPDES Fact Sheet for the groundwater treatment system.

**Operation Status & Activities Completed:**

1. As of September 30, 2003, a total of 55,636,330 gallons of groundwater has been treated since startup on February 5, 1996. Since July 1, 2003, 1,125,260 gallons of groundwater have been treated; 377,310 gallons from recovery well RW-1, 747,410 gallons from recovery well RW-2, 540 gallons from the sump located outside the northeast corner of the building, and 0 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 July, August and September 2003 are summarized in Table 1. The laboratory analytical data sheets are provided as Attachment A.

**Activities Scheduled:**

1. Continued operation of the ground water recovery and treatment system, including SPDES monitoring.
2. Conduct the annual round of ground water sampling using passive diffusion bags. Ground water 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.



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.

October 28, 2003

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\3qtr2003report.doc

Attachments

cc: A. English – NYSDEC  
James Burke – NYSDEC Region 7  
Director, Bureau of Environmental Exposure Investigation – NYSDOH  
H. Hamel – NYSDOH  
P. Anderson – 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	07/01/2003	07/02/2003	07/03/2003	07/07/2003
Flow (GPD)	Monitor	150000	Continuous	Meter	14030	14050	14370	13935
pH (SU)	6.5 - 8.5		2/Week	Grab	6.90	7.44	7.23	7.03
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.	---	---	640	---
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.	---	---	0.010 U	---
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	---	---	2.4	---

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 07/08/2003	Effluent 07/09/2003	Effluent 07/10/2003	Effluent 07/11/2003	Effluent 07/14/2003	Effluent 07/15/2003	Effluent 07/16/2003	Effluent 07/17/2003
Flow (GPD)	13930	13740	13877	13764	13707	13700	13570	13610
pH (SU)	6.99	6.95	6.95	6.92	6.87	6.85	6.85	6.85
Residue, non-filterable (mg/L)	---	---	5.0 U	---	---	---	---	5.0 U
Total dissolved solids (TDS) (mg/L)	---	---	630	---	---	---	---	710
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 07/18/2003	Effluent 07/21/2003	Effluent 07/22/2003	Effluent 07/23/2003	Effluent 07/24/2003	Effluent 07/25/2003	Effluent 07/28/2003	Effluent 07/29/2003
Flow (GPD)	13530	13447	13355	13312	13440	13650	13407	13220
pH (SU)	6.86	6.84	6.85	6.86	6.86	6.86	6.89	6.89
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: (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 07/30/2003	Effluent 07/31/2003	Effluent 08/01/2003	Effluent 08/04/2003	Effluent 08/05/2003	Effluent 08/06/2003	Effluent 08/07/2003	Effluent 08/11/2003
Flow (GPD)	13377	13030	13190	12973	12950	12820	12940	12830
pH (SU)	6.86	6.89	6.87	6.87	6.89	6.89	6.89	6.89
Residue, non-filterable (mg/L)	---	---	5.0 U	---	---	---	5.0 U	---
Total dissolved solids (TDS) (mg/L)	---	---	350	---	---	---	750	---
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)	---	---	---	---	---	---	0.55	---

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 08/12/2003	Effluent 08/13/2003	Effluent 08/14/2003	Effluent 08/15/2003	Effluent 08/18/2003	Effluent 08/19/2003	Effluent 08/20/2003	Effluent 08/25/2003
Flow (GPD)	12837	12690	12820	6602	13208	12750	12725	12488
pH (SU)	6.89	6.89	6.86	6.64	6.86	6.86	6.89	6.86
Residue, non-filterable (mg/L)	---	---	5.0 U	---	---	---	5.0 U	---
Total dissolved solids (TDS) (mg/L)	---	---	590	---	---	---	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 08/26/2003	Effluent 08/27/2003	Effluent 08/29/2003	Effluent 09/02/2003	Effluent 09/03/2003	Effluent 09/04/2003	Effluent 09/05/2003	Effluent 09/08/2003
Flow (GPD)	12090	12230	11895	11682	11453	11520	11542	11227
pH (SU)	6.86	6.86	6.86	6.84	6.86	6.84	6.86	6.84
Residue, non-filterable (mg/L)	---	5.0 U	---	---	---	5.0 U	---	---
Total dissolved solids (TDS) (mg/L)	---	620	---	---	---	550	---	---
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	---	---

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 09/09/2003	Effluent 09/10/2003	Effluent 09/11/2003	Effluent 09/12/2003	Effluent 09/15/2003	Effluent 09/16/2003	Effluent 09/17/2003	Effluent 09/19/2003
Flow (GPD)	11150	10960	11020	10840	10690	10530	10489	9445
pH (SU)	6.86	6.85	6.86	6.85	6.84	6.84	6.86	6.86
Residue, non-filterable (mg/L)	---	---	5.0 U	---	---	---	5.0 U	---
Total dissolved solids (TDS) (mg/L)	---	---	570	---	---	---	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 09/22/2003	Effluent 09/23/2003	Effluent 09/24/2003	Effluent 09/25/2003	Effluent 09/26/2003	Effluent 09/29/2003	Effluent 09/30/2003	Effluent 10/02/2003
Flow (GPD)	10023	9950	9957	9720	9610	9600	9400	---
pH (SU)	6.86	6.84	6.84	6.86	6.86	6.84	6.86	---
Residue, non-filterable (mg/L)	---	---	---	5.0 U	---	---	---	5.0 U
Total dissolved solids (TDS) (mg/L)	---	---	---	600	---	---	---	540
Mercury, total (mg/L)	---	---	---	---	---	---	---	0.00020 U
Zinc, total (mg/L)	---	---	---	---	---	---	---	0.010 U
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

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

**ATTACHMENT A**

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

**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#: 5747  
Sample: A7601  
Samp. Description: WTP Effluent

Collected: 06/26/03  
Received: 06/26/03 12:00  
Matrix: Water  
Number of Analytes: 2

Parameter	Result	Q	Units	Method	PQL	Analyzed	QC Batch	Dil	Note
Total dissolved solids	740.		mg/L	EPA 160.1	10.	07/02/03	070203W3	1	
Total suspended solids	<5.0	U	mg/L	EPA 160.2	5.0	07/02/03	070203W2	1	

Notes:

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

Authorized: *Monika Santucci*  
Date: July 10, 2003      Monika Santucci

Client: OGINA  
 Project: FORMER Accurate Die Cast  
 Sampled by: Richard McLaughlin  
 Client Contact: Al Farnell Phone # 2316

Analysis/Method  
 5747  
 TSS/TDS

**Sample Description**

Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	Analysis/Method				Comments	
<u>WTP EFFLUENT</u>	<u>6/26/03</u>	<u>10:00</u>	<u>Water</u>	<u>Comp.</u>	<u>1</u>	1					

Relinquished by: <u>Richard McLaughlin</u>	Date:	Time: <u>12:00</u>	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by Lab: <u>Kenneth M. Moe</u>	Date: <u>6/26/03</u>	Time: <u>12:00</u>
Shipment Method:	Airbill Number:				

Turnaround Time Required:  
 Routine   
 Rush (Specify) \_\_\_\_\_  
 Cooler Temperature: 2°C

Comments:  
 Original Laboratory Copy Client

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

**Analytical Results  
Method: 8021**

Client: O'Brien & Gere Inc. of North America  
 Project: Former Accurate Die - Fayetteville, NY  
 Proj. Desc:  
 Package#: 5817  
 Sample: A7991  
 Sample Description: WTP Influent-Grab  
 Instrument: 9001  
 Units: ug/L  
 Number of analytes: 34

Job No.: 3027.001.11102  
 Certification NY No.: 10155

Collected: 07/03/03 Matrix: Water  
 Received: 07/03/03 QC Batch: 070703W1  
 Prepared: 07/07/03 %Solids:  
 Sample Size: 5 ml

Parameter	Result	Qual	PQL	Dil	Analyzed	Notes
Benzene	<20.	U	20.	20	07/07/03	
Bromodichloromethane	<20.	U	20.	20	07/07/03	
Bromoform	<200.	U	200.	20	07/07/03	
Bromomethane	<200.	U	200.	20	07/07/03	
Carbon tetrachloride	<20.	U	20.	20	07/07/03	
Chlorobenzene	<20.	U	20.	20	07/07/03	
Chloroethane	<20.	U	20.	20	07/07/03	
2-Chloroethylvinyl ether	<200.	U	200.	20	07/07/03	
Chloroform	<20.	U	20.	20	07/07/03	
Chloromethane	<200.	U	200.	20	07/07/03	
Dibromochloromethane	<20.	U	20.	20	07/07/03	
1,2-Dichlorobenzene	<100.	U	100.	20	07/07/03	
1,3-Dichlorobenzene	<100.	U	100.	20	07/07/03	
1,4-Dichlorobenzene	<100.	U	100.	20	07/07/03	
Dichlorodifluoromethane	<200.	U	200.	20	07/07/03	
1,1-Dichloroethane	<20.	U	20.	20	07/07/03	
1,2-Dichloroethane	<20.	U	20.	20	07/07/03	
1,1-Dichloroethylene	<20.	U	20.	20	07/07/03	
cis-1,2-Dichloroethylene	<20.	U	20.	20	07/07/03	
trans-1,2-Dichloroethylene	<20.	U	20.	20	07/07/03	
Dichloromethane	<20.	U	20.	20	07/07/03	
1,2-Dichloropropane	<20.	U	20.	20	07/07/03	
cis-1,3-Dichloropropylene	<20.	U	20.	20	07/07/03	
trans-1,3-Dichloropropylene	<20.	U	20.	20	07/07/03	
Ethylbenzene	<20.	U	20.	20	07/07/03	
1,1,2,2-Tetrachloroethane	<20.	U	20.	20	07/07/03	
Tetrachloroethylene	<20.	U	20.	20	07/07/03	
Toluene	<20.	U	20.	20	07/07/03	
1,1,1-Trichloroethane	<20.	U	20.	20	07/07/03	
1,1,2-Trichloroethane	<20.	U	20.	20	07/07/03	

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: July 8, 2003                      Monika Santucci

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

**Analytical Results  
Method: 8021**

Client: O'Brien & Gere Inc. of North America  
Project: Former Accurate Die - Fayetteville, NY  
Proj. Desc:  
Package#: 5817  
Sample: A7991  
Sample Description: WTP Influent-Grab  
Instrument: 9001  
Units: ug/L  
Number of analytes: 34

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 07/03/03 Matrix: Water  
Received: 07/03/03 QC Batch: 070703W1  
Prepared: 07/07/03 %Solids:  
Sample Size: 5 ml

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>PQL</u>	<u>Dil</u>	<u>Analyzed</u>	<u>Notes</u>
Trichloroethylene	930.		20	20	07/07/03	
Trichlorofluoromethane	<20.	U	20.	20	07/07/03	
Vinyl Chloride	<20.	U	20.	20	07/07/03	
Xylenes (total)	<60.	U	60.	20	07/07/03	

<u>Surrogate</u>	<u>%R</u>	<u>Qual</u>	<u>%R Limits</u>
2-Chloropropane (surrogate)	90.		77-126
Fluorobenzene (surrogate)	100.		80-120

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: July 8, 2003 Monika Santucci

# O'Brien & Gere Laboratories, Inc.

# Analytical Results Method: 8021

Client: O'Brien & Gere Inc. of North America  
 Project: Former Accurate Die - Fayetteville, NY  
 Proj. Desc:  
 Package#: 5817  
 Sample: A7992  
 Sample Description: WTP In Between GAC's - Grab  
 Instrument: 9001  
 Units: ug/L  
 Number of analytes: 34

Job No.: 3027.001.11102  
 Certification NY No.: 10155

Collected: 07/03/03 Matrix: Water  
 Received: 07/03/03 QC Batch: 070703W1  
 Prepared: 07/08/03 %Solids:  
 Sample Size: 5 ml

Parameter	Result	Qual	PQL	Dil	Analyzed	Notes
Benzene	<1.	U	1.	1	07/08/03	
Bromodichloromethane	<1.	U	1.	1	07/08/03	
Bromoform	<10.	U	10.	1	07/08/03	
Bromomethane	<10.	U	10.	1	07/08/03	
Carbon tetrachloride	<1.	U	1.	1	07/08/03	
Chlorobenzene	<1.	U	1.	1	07/08/03	
Chloroethane	<1.	U	1.	1	07/08/03	
2-Chloroethylvinyl ether	<10.	U	10.	1	07/08/03	
Chloroform	<1.	U	1.	1	07/08/03	
Chloromethane	<10.	U	10.	1	07/08/03	
Dibromochloromethane	<1.	U	1.	1	07/08/03	
1,2-Dichlorobenzene	<5.	U	5.	1	07/08/03	
1,3-Dichlorobenzene	<5.	U	5.	1	07/08/03	
1,4-Dichlorobenzene	<5.	U	5.	1	07/08/03	
Dichlorodifluoromethane	<10.	U	10.	1	07/08/03	
1,1-Dichloroethane	<1.	U	1.	1	07/08/03	
1,2-Dichloroethane	<1.	U	1.	1	07/08/03	
1,1-Dichloroethylene	<1.	U	1.	1	07/08/03	
cis-1,2-Dichloroethylene	<1.	U	1.	1	07/08/03	
trans-1,2-Dichloroethylene	<1.	U	1.	1	07/08/03	
Dichloromethane	<1.	U	1.	1	07/08/03	
1,2-Dichloropropane	<1.	U	1.	1	07/08/03	
cis-1,3-Dichloropropylene	<1.	U	1.	1	07/08/03	
trans-1,3-Dichloropropylene	<1.	U	1.	1	07/08/03	
Ethylbenzene	<1.	U	1.	1	07/08/03	
1,1,2,2-Tetrachloroethane	<1.	U	1.	1	07/08/03	
Tetrachloroethylene	<1.	U	1.	1	07/08/03	
Toluene	<1.	U	1.	1	07/08/03	
1,1,1-Trichloroethane	<1.	U	1.	1	07/08/03	
1,1,2-Trichloroethane	<1.	U	1.	1	07/08/03	
Trichloroethylene	<1.	U	1.	1	07/08/03	

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: July 8, 2003 Monika Santucci



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

**Analytical Results  
Method: 8021**

Client: O'Brien & Gere Inc. of North America  
Project: Former Accurate Die - Fayetteville, NY  
Proj. Desc:  
Package#: 5817  
Sample: A7992  
Sample Description: WTP In Between GAC's - Grab  
Instrument: 9001  
Units: ug/L  
Number of analytes: 34

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 07/03/03 Matrix: Water  
Received: 07/03/03 QC Batch: 070703W1  
Prepared: 07/08/03 %Solids:  
Sample Size: 5 ml

<u>Parameter</u>	<u>Result</u>	<u>Qual</u>	<u>PQL</u>	<u>Dil</u>	<u>Analyzed</u>	<u>Notes</u>
Trichlorofluoromethane	<1.	U	1.	1	07/08/03	
Vinyl Chloride	<1.	U	1.	1	07/08/03	
Xylenes (total)	<3.	U	3.	1	07/08/03	

<u>Surrogate</u>	<u>%R</u>	<u>Qual</u>	<u>%R Limits</u>
2-Chloropropane (surrogate)	94.		77-126
Fluorobenzene (surrogate)	99.		80-120

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: July 8, 2003 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#: 5817  
 Sample: A7993  
 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: 07/03/03 Matrix: Water  
 Received: 07/03/03 QC Batch: 070803W3  
 Prepared: 07/08/03 %Solids:  
 Sample Size: 10 mL  
 Dilution: 1

Parameter	Result	Qual	PQL	Analyzed Notes
Methylene chloride	<2.0	U	2	07/08/03
trans-1,2-Dichloroethene	<.50	U	.5	07/08/03
cis-1,2-Dichloroethene	<.50	U	.5	07/08/03
Trichloroethene	2.4		.5	07/08/03
Toluene	<.50	U	.5	07/08/03
Tetrachloroethene	<.50	U	.5	07/08/03
1,1,2,2-Tetrachloroethane	<.50	U	.5	07/08/03

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	91		78-125
1,2-Dichloroethane-d4 (surrogate)	93		76-134
Toluene-d8 (surrogate)	106		80-120
Bromofluorobenzene (surrogate)	93		71-120

Notes:

g.

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: July 10, 2003 Monika Santucci

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

**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#: 5817  
Sample: A7994  
Sample Description: WTP Effluent-Comp  
Units: mg/L

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 07/03/03      Matrix: Water  
Received: 07/03/03      %Solids:  
Number of analytes: 2

Parameter	Result	Q	Method	PQL	Prepared	Analyzed	QC Batch	Dil	Note
Mercury	<.00020		245.1	.00020	07/07/03	07/10/03	070703W3	1	
Zinc	<.010	U	200.7	.010	07/07/03	07/09/03	070703W1	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: July 20, 2003      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#: 5817  
Sample: A7994  
Samp. Description: WTP Effluent-Comp

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 07/03/03  
Received: 07/03/03 11:20  
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.	07/08/03 15:00	070803W7	1	
Total suspended solids	<5.0	U	mg/L	EPA 160.2	5.0	07/08/03	070803W6	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: July 10, 2003      Monika Santucci

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

Client: <b>OGIWA</b>						Analysis/Method						
Project: <b>Accurate Die Cast</b>						5817 VOC's VOC's VOC's TSS/TDS Hg + 2N + Pb + As Al + Mn MML KML 7/3/03						
Sampled by: <b>Richard McLaughlin</b>												
Client Contact: <b>Al Farrell</b> Phone # <b>2316</b>												
<b>Sample Description</b>												
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers							Comments
WTP Influent	7/3/03	10:00	Water	Grab	2	2						
WTP IN Between GAC's	7/3/03	10:00	Water	Grab	2		2					
WTP Effluent	7/3/03	10:00	Water	Grab	2			2				
WTP Effluent	7/3/03	10:00	Water	Comp	1				1			
WTP Effluent	7/3/03	10:00	Water	Comp	1					1		
WTP Effluent	7/3/03	10:00	Water	Comp	1						1	
Relinquished by: <b>Richard McLaughlin</b> Date: <b>7/3/03</b> Time: <b>11:20</b>						Received by: _____ Date: _____ Time: _____						
Relinquished by: _____ Date: _____ Time: _____						Received by: _____ Date: _____ Time: _____						
Relinquished by: _____ Date: _____ Time: _____						Received by Lab: <b>Laura L. Mue</b> Date: <b>7/3/03</b> Time: <b>11:20</b>						
Shipment Method: _____						Airbill Number: _____						

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

Comments:

Cooler Temperature: 30

**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#: 5828  
Sample: A8023  
Sample Description: WTP Influent  
Units: mg/L

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 07/08/03      Matrix: Water  
Received: 07/08/03      %Solids:  
Number of analytes: 1

Parameter	Result	Q	Method	PQL	Prepared	Analyzed	QC	Batch	Dil	Note
Mercury	<.00020	U	245.1	.00020	07/18/03	07/18/03	071803W2		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: July 22, 2003      Monika Santucci

Client: <b>OGINA</b>						Analysis/Method  5828  HS											
Project: <b>Accurate Die Cast</b>																	
Sampled by: <b>Richard McLaughlin</b>																	
Client Contact: <b>A. L. Farrell</b>			Phone # <b>2316</b>														
Sample Description																	
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers											Comments	
<b>WTP Influent</b>	<b>7/8/03</b>	<b>10:00</b>	<b>Water</b>	<b>Comp</b>	<b>1</b>	<b>1</b>											
Relinquished by: <b>Richard McLaughlin</b>						Date: <b>7/8/03</b>		Time: <b>11:10</b>		Received by:		Date:		Time:			
Relinquished by:						Date:		Time:		Received by:		Date:		Time:			
Relinquished by:						Date:		Time:		Received by Lab: <b>Laura L. Hooe</b>		Date: <b>7/8/03</b>		Time: <b>11:10</b>			
Shipment Method:						Airbill Number:											

Turnaround Time Required:  
 Routine          ✓  
 Rush (Specify)         

Comments:

Cooler Temperature: 3.8°C

**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#: 5856  
Sample: A8149  
Samp. Description: WTP Effluent

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 07/10/03  
Received: 07/10/03 12:20  
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.	07/11/03 15:30	071103W6	1	
Total suspended solids	<5.0	U	mg/L	EPA 160.2	5.0	07/15/03	071503W5	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: July 24, 2003      Monika Santucci

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



Client: <i>OGINA</i>						Analysis/Method								
Project: <i>Formen Accurate Die Cast</i>						<i>5856</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>7/10/03</i>	<i>12:00</i>	<i>WATER</i>	<i>Comp</i>	<i>1</i>	<i>1</i>								
Relinquished by: <i>Richard McLaughlin</i>			Date: <i>7/10/03</i> Time: <i>12:20</i>			Received by: <i> </i>			Date: <i> </i> Time: <i> </i>					
Relinquished by: <i> </i>			Date: <i> </i> Time: <i> </i>			Received by: <i> </i>			Date: <i> </i> Time: <i> </i>					
Relinquished by: <i> </i>			Date: <i> </i> Time: <i> </i>			Received by Lab: <i>Richard Decker</i>			Date: <i>7/10/03</i> Time: <i>12:20</i>					
Shipment Method: <i> </i>						Airbill Number: <i> </i>								

Turnaround Time Required:  
Routine   
Rush (Specify)

Comments:

Cooler Temperature: 2.2°C

# 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#: 5902  
Sample: A8467  
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: 07/17/03 Matrix: Water  
Received: 07/17/03 QC Batch: 072303W6  
Prepared: 07/24/03 %Solids:  
Sample Size: 10 mL  
Dilution: 1

Parameter	Result	Qual	PQL	Analyzed Notes
Methylene chloride	<2.0	U	2	07/24/03
trans-1,2-Dichloroethene	<.50	U	.5	07/24/03
cis-1,2-Dichloroethene	<.50	U	.5	07/24/03
Trichloroethene	<.50	U	.5	07/24/03
Toluene	<.50	U	.5	07/24/03
Tetrachloroethene	<.50	U	.5	07/24/03
1,1,2,2-Tetrachloroethane	<.50	U	.5	07/24/03

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	88		78 - 125
1,2-Dichloroethane-d4 (surrogate)	90		76 - 134
Toluene-d8 (surrogate)	109		80 - 120
Bromofluorobenzene (surrogate)	86		71 - 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: July 30, 2003 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#: 5902  
Sample: A8466  
Samp. Description: WTP Effluent-Comp

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 07/17/03  
Received: 07/17/03 11:35  
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.	07/23/03	072303W26	1	
Total suspended solids	<5.0	U	mg/L	EPA 160.2	5.0	07/18/03	071803W13	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: August 5, 2003      Monika Santucci

Client: <u>OGINA</u>						Analysis/Method <div style="font-size: 2em; opacity: 0.5; transform: rotate(-45deg); display: inline-block;">5902</div> <div style="font-size: 2em; opacity: 0.5; transform: rotate(-45deg); display: inline-block;">TSS/TDS</div> <div style="font-size: 2em; opacity: 0.5; transform: rotate(-45deg); display: inline-block;">VOC's 8260</div>					
Project: <u>Former Accurate Die Cast</u>											
Sampled by: <u>Richard McLaughlin</u>											
Client Contact: <u>Al Funnell</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>7/17/03</u>	<u>10:00</u>	<u>Water</u>	<u>Comp</u>	<u>1</u>						
<u>WTP Effluent</u>	<u>7/17/03</u>	<u>10:00</u>	<u>Water</u>	<u>Grab</u>	<u>2</u>						
Relinquished by: <u>Richard McLaughlin</u>			Date: <u>7/17/03</u> Time: <u>11:35</u>			Received by:			Date: _____ Time: _____		
Relinquished by:			Date: _____ Time: _____			Received by:			Date: _____ Time: _____		
Relinquished by:			Date: _____ Time: _____			Received by Lab: <u>Laura C. Moe</u>			Date: <u>7/17/03</u> Time: <u>11:35</u>		
Shipment Method:						Airbill Number:					

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

Comments:

Cooler Temperature: 10c

**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#: 5965  
Sample: A8800  
Samp. Description: WTP Effluent

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 07/24/03  
Received: 07/24/03 11:30  
Matrix: Water  
Number of Analytes: 2

Parameter	Result	Q	Units	Method	PQL	Analyzed	QC Batch	Dil	Note
Total dissolved solids	600.		mg/L	EPA 160.1	10.	07/29/03	072903W16	1	
Total suspended solids	<5.0	U	mg/L	EPA 160.2	5.0	07/25/03	072503W25	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: August 12, 2003    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#: 6046  
Sample: A9209  
Samp. Description: WTP Effluent

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 08/01/03 10:00  
Received: 08/01/03 13:05  
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	350.		mg/L	EPA 160.1	10.	08/05/03	080503W19	1	
Total suspended solids	<5.0	U	mg/L	EPA 160.2	5.0	08/05/03	080503W15	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: August 18, 2003    Monika Santucci

Client: <i>OGINA</i>						Analysis/Method					
Project: <i>Former Accurate Die Casting</i>						<i>6046</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>8/1/03</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>8/1/03</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>Laura L. Moe</i>				Date: <i>8/1/03</i>	Time: <i>13:05</i>
Shipment Method:						Airbill Number:					

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

Comments:

Cooler Temperature: 2°C



# 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#: 6086  
 Sample: A9406  
 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: 08/07/03 Matrix: Water  
 Received: 08/07/03 QC Batch: 081103W3  
 Prepared: 08/11/03 %Solids:  
 Sample Size: 10 mL  
 Dilution: 1

Parameter	Result	Qual	PQL	Analyzed Notes
Methylene chloride	<2.0	U	2	08/11/03
trans-1,2-Dichloroethene	<.50	U	.5	08/11/03
cis-1,2-Dichloroethene	<.50	U	.5	08/11/03
Trichloroethene	.55		.5	08/11/03
Toluene	<.50	U	.5	08/11/03
Tetrachloroethene	<.50	U	.5	08/11/03
1,1,2,2-Tetrachloroethane	<.50	U	.5	08/11/03

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	95		78-125
1,2-Dichloroethane-d4 (surrogate)	93		76-134
Toluene-d8 (surrogate)	107		80-120
Bromofluorobenzene (surrogate)	93		71-120

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: August 12, 2003 Monika Santucci

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

**Analytical Results  
Method: 8021**

Client: O'Brien & Gere Inc. of North America  
 Project: Former Accurate Die - Fayetteville, NY  
 Proj. Desc:  
 Package#: 6086  
 Sample: A9407  
 Sample Description: WTP Between Carbons  
 Instrument: 9001  
 Units: ug/L  
 Number of analytes: 34

Job No.: 3027.001.11102  
 Certification NY No.: 10155

Collected: 08/07/03 Matrix: Water  
 Received: 08/07/03 QC Batch: 082103W1  
 Prepared: 08/21/03 %Solids:  
 Sample Size: 5 ml

Parameter	Result	Qual	PQL	Dil	Analyzed	Notes
Benzene	<1.	U	1.	1	08/21/03	
Bromodichloromethane	<1.	U	1.	1	08/21/03	
Bromoform	<10.	U	10.	1	08/21/03	
Bromomethane	<10.	U	10.	1	08/21/03	
Carbon tetrachloride	<1.	U	1.	1	08/21/03	
Chlorobenzene	<1.	U	1.	1	08/21/03	
Chloroethane	<1.	U	1.	1	08/21/03	
2-Chloroethylvinyl ether	<10.	U	10.	1	08/21/03	
Chloroform	<1.	U	1.	1	08/21/03	
Chloromethane	<10.	U	10.	1	08/21/03	
Dibromochloromethane	<1.	U	1.	1	08/21/03	
1,2-Dichlorobenzene	<5.	U	5.	1	08/21/03	
1,3-Dichlorobenzene	<5.	U	5.	1	08/21/03	
1,4-Dichlorobenzene	<5.	U	5.	1	08/21/03	
Dichlorodifluoromethane	<10.	U	10.	1	08/21/03	
1,1-Dichloroethane	<1.	U	1.	1	08/21/03	
1,2-Dichloroethane	<1.	U	1.	1	08/21/03	
1,1-Dichloroethylene	<1.	U	1.	1	08/21/03	
cis-1,2-Dichloroethylene	3.		1	1	08/21/03	
trans-1,2-Dichloroethylene	<1.	U	1.	1	08/21/03	
Dichloromethane	<1.	U	1.	1	08/21/03	
1,2-Dichloropropane	<1.	U	1.	1	08/21/03	
cis-1,3-Dichloropropylene	<1.	U	1.	1	08/21/03	
trans-1,3-Dichloropropylene	<1.	U	1.	1	08/21/03	
Ethylbenzene	<1.	U	1.	1	08/21/03	
1,1,2,2-Tetrachloroethane	<1.	U	1.	1	08/21/03	
Tetrachloroethylene	<1.	U	1.	1	08/21/03	
Toluene	<1.	U	1.	1	08/21/03	
1,1,1-Trichloroethane	<1.	U	1.	1	08/21/03	
1,1,2-Trichloroethane	<1.	U	1.	1	08/21/03	

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: August 25, 2003 Monika Santucci

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

**Analytical Results  
Method: 8021**

Client: O'Brien & Gere Inc. of North America  
 Project: Former Accurate Die - Fayetteville, NY  
 Proj. Desc:  
 Package#: 6086  
 Sample: A9407  
 Sample Description: WTP Between Carbons  
 Instrument: 9001  
 Units: ug/L  
 Number of analytes: 34

Job No.: 3027.001.11102  
 Certification NY No.: 10155

Collected: 08/07/03 Matrix: Water  
 Received: 08/07/03 QC Batch: 082103W1  
 Prepared: 08/21/03 %Solids:  
 Sample Size: 5 ml

Parameter	Result	Qual	PQL	Dil	Analyzed	Notes
Trichloroethylene	<1.	U	1.	1	08/21/03	
Trichlorofluoromethane	<1.	U	1.	1	08/21/03	
Vinyl Chloride	<1.	U	1.	1	08/21/03	
Xylenes (total)	<3.	U	3.	1	08/21/03	

Surrogate	%R	Qual	%R Limits
2-Chloropropane (surrogate)	88.		77-126
Fluorobenzene (surrogate)	98.		80-120

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: August 25, 2003      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#: 6086  
Sample: A9405  
Samp. Description: WTP Effluent-Comp

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 08/07/03  
Received: 08/07/03 13:30  
Matrix: Water  
Number of Analytes: 2

Parameter	Result	Q	Units	Method	PQL	Analyzed	QC Batch	Dil	Note
Total dissolved solids	750.		mg/L	EPA 160.1	10.	08/08/03	080803W26	1	
Total suspended solids	<5.0	U	mg/L	EPA 160.2	5.0	08/08/03	080803W25	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: August 20, 2003    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#: 6121  
Sample: A9545  
Samp. Description: WTP Effluent

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 08/14/03  
Received: 08/14/03 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	590.		mg/L	EPA 160.1	10.	08/20/03	082003W15	1	
Total suspended solids	<5.0	U	mg/L	EPA 160.2	5.0	08/15/03	081503W15	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: August 28, 2003    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 Casting</i>						6121 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>8/14/03</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>8/14/03</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>J. Scott</i>			Date: <i>8-14-03</i> Time: <i>10:45</i>			
Shipment Method:						Airbill Number:						

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

Comments:

Cooler Temperature: *3.4°C welliced*

# 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#: 6163  
 Sample: A9786  
 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: 08/20/03 Matrix: Water  
 Received: 08/20/03 QC Batch: 082103W3  
 Prepared: 08/21/03 %Solids:  
 Sample Size: 10 mL  
 Dilution: 1

Parameter	Result	Qual	PQL	Analyzed	Notes
Methylene chloride	<2.0	U	2	08/21/03	
trans-1,2-Dichloroethene	<.50	U	.5	08/21/03	
cis-1,2-Dichloroethene	<.50	U	.5	08/21/03	
Trichloroethene	<.50	U	.5	08/21/03	
Toluene	<.50	U	.5	08/21/03	
Tetrachloroethene	<.50	U	.5	08/21/03	
1,1,2,2-Tetrachloroethane	<.50	U	.5	08/21/03	

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	95		78-125
1,2-Dichloroethane-d4 (surrogate)	85		76-134
Toluene-d8 (surrogate)	103		80-120
Bromofluorobenzene (surrogate)	92		71-120

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: August 22, 2003  
 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#: 6163  
Sample: A9785  
Samp. Description: WTP Effluent-Comp

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 08/20/03  
Received: 08/20/03 11:30  
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.	08/26/03 12:30	082603W26	1	
Total suspended solids	<5.0	U	mg/L	EPA 160.2	5.0	08/22/03	082203W11	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: September 3, 2003 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:

Job No.: 3027.001.11102  
Certification NY No.: 10155

Package#: 6206  
Sample: A9999  
Samp. Description: WTP EFFLUENT

Collected: 08/27/03 Matrix: Water  
Received: 08/27/03 11:40

Parameter	Result	Units	Method	Prepared	Analyzed	QC Batch	Note
Total dissolved solids	620.	mg/L	EPA 160.1		08/29/03	082903W26	
Total suspended solids	<5.0	mg/L	EPA 160.2		08/29/03	082903W25	

Notes:

J-Estimated value

Authorized: Monika Santucci  
Date: September 9, 2003 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#: 6256  
 Sample: B0266  
 Sample Description: WTP EFFLUENT  
 Instrument: HP5970 GC/MS#2  
 Units: ug/L  
 Number of analytes: 7

Job No.: 3027.001.11102  
 Certification NY No.: 10155

Collected: 09/04/03 Matrix: Water  
 Received: 09/04/03 QC Batch: 090803W2  
 Prepared: 09/08/03 %Solids:  
 Sample Size: 25 mL  
 Dilution: 1

Parameter	Result	Qual	PQL	Analyzed Notes
Methylene chloride	<2.0	U	2.0	09/08/03
trans-1,2-Dichloroethene	<.50	U	.50	09/08/03
cis-1,2-Dichloroethene	<.50	U	.50	09/08/03
Trichloroethene	<.50	U	.50	09/08/03
Toluene	<.50	U	.50	09/08/03
Tetrachloroethene	<.50	U	.50	09/08/03
1,1,2,2-Tetrachloroethane	<.50	U	.50	09/08/03

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	103		78 - 125
1,2-Dichloroethane-d4 (surrogate)	113		76 - 134
Toluene-d8 (surrogate)	101		80 - 120
Bromofluorobenzene (surrogate)	94		71 - 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: September 9, 2003 Monika Santucci

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

**Analytical Results  
Method: 8021**

Client: O'Brien & Gere Inc. of North America  
 Project: Former Accurate Die - Fayetteville, NY  
 Proj. Desc:  
 Package#: 6256  
 Sample: B0267  
 Sample Description: WTP IN-BETWEEN  
 Instrument: HP5890-4  
 Units: ug/L  
 Number of analytes: 34

Job No.: 3027.001.11102  
 Certification NY No.: 10155

Collected: 09/04/03 Matrix: Water  
 Received: 09/04/03 QC Batch: 091503W1  
 Prepared: 09/15/03 %Solids:  
 Sample Size: 5 ml

Parameter	Result	Qual	PQL	Dil	Analyzed	Notes
Benzene	<1.	U	1.	1	09/15/03	
Bromodichloromethane	<1.	U	1.	1	09/15/03	
Bromoform	<10.	U	10.	1	09/15/03	
Bromomethane	<10.	U	10.	1	09/15/03	
Carbon tetrachloride	<1.	U	1.	1	09/15/03	
Chlorobenzene	<1.	U	1.	1	09/15/03	
Chloroethane	<1.	U	1.	1	09/15/03	
2-Chloroethylvinyl ether	<10.	U	10.	1	09/15/03	
Chloroform	<1.	U	1.	1	09/15/03	
Chloromethane	<10.	U	10.	1	09/15/03	
Dibromochloromethane	<1.	U	1.	1	09/15/03	
1,2-Dichlorobenzene	<5.	U	5.	1	09/15/03	
1,3-Dichlorobenzene	<5.	U	5.	1	09/15/03	
1,4-Dichlorobenzene	<5.	U	5.	1	09/15/03	
Dichlorodifluoromethane	<10.	U	10.	1	09/15/03	
1,1-Dichloroethane	<1.	U	1.	1	09/15/03	
1,2-Dichloroethane	<1.	U	1.	1	09/15/03	
1,1-Dichloroethylene	<1.	U	1.	1	09/15/03	
cis-1,2-Dichloroethylene	7.		1	1	09/15/03	
trans-1,2-Dichloroethylene	<1.	U	1.	1	09/15/03	
Dichloromethane	<1.	U	1.	1	09/15/03	
1,2-Dichloropropane	<1.	U	1.	1	09/15/03	
cis-1,3-Dichloropropylene	<1.	U	1.	1	09/15/03	
trans-1,3-Dichloropropylene	<1.	U	1.	1	09/15/03	
Ethylbenzene	<1.	U	1.	1	09/15/03	
1,1,2,2-Tetrachloroethane	<1.	U	1.	1	09/15/03	
Tetrachloroethylene	<1.	U	1.	1	09/15/03	
Toluene	<1.	U	1.	1	09/15/03	
1,1,1-Trichloroethane	<1.	U	1.	1	09/15/03	
1,1,2-Trichloroethane	<1.	U	1.	1	09/15/03	

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: September 16, 2003 Monika Santucci

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

**Analytical Results  
Method: 8021**

Client: O'Brien & Gere Inc. of North America  
 Project: Former Accurate Die - Fayetteville, NY  
 Proj. Desc:  
 Package#: 6256  
 Sample: B0267  
 Sample Description: WTP IN-BETWEEN  
 Instrument: HP5890-4  
 Units: ug/L  
 Number of analytes: 34

Job No.: 3027.001.11102  
 Certification NY No.: 10155

Collected: 09/04/03 Matrix: Water  
 Received: 09/04/03 QC Batch: 091503W1  
 Prepared: 09/15/03 %Solids:  
 Sample Size: 5 ml

Parameter	Result	Qual	PQL	Dil	Analyzed	Notes
Trichloroethylene	7.		1	1	09/15/03	
Trichlorofluoromethane	<1.	U	1.	1	09/15/03	
Vinyl Chloride	<1.	U	1.	1	09/15/03	
Xylenes (total)	<3.	U	3.	1	09/15/03	

Surrogate	%R	Qual	%R Limits
2-Chloropropane (surrogate)	89.		77-126
Fluorobenzene (surrogate)	97.		80-120

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: September 16, 2003 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#: 6256  
Sample: B0265  
Samp. Description: WTP EFFLUENT

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 09/04/03  
Received: 09/04/03 13:45  
Matrix: Water  
Number of Analytes: 2

Parameter	Result	Q	Units	Method	PQL	Analyzed	QC Batch	Dil	Note
Total dissolved solids	550.		mg/L	EPA 160.1	10.	09/09/03	090903W6	1	
Total suspended solids	<5.0	U	mg/L	EPA 160.2	5.0	09/05/03	090503W16	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: September 19, 2003 Monika Santucci



Client: <u>OGINA</u>						Analysis/Method										
Project: <u>Former Accurate Die Casting</u>						6256 TSS/TDS 8260 VOC'S 8021 VOC'S										
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>9/4/03</u>	<u>12:00</u>	<u>Water</u>	<u>Comp</u>	<u>1</u>	<u>1</u>										
<u>WTP Effluent</u>	<u>9/4/03</u>	<u>12:00</u>	<u>Water</u>	<u>Grab</u>	<u>2</u>		<u>2</u>									
<u>WTP In-Between</u>	<u>9/4/03</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>9/4/03</u> Time: <u>13:45</u>			Received by:			Date:	Time:			
Relinquished by:						Date:			Time:			Received by:			Date:	Time:
Relinquished by:						Date:			Time:			Received by Lab: <u>R. Scott</u>			Date: <u>9/4/03</u>	Time: <u>13:45</u>
Shipment Method:						Airbill Number:										

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

Comments:

Cooler Temperature: 4°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#: 6309  
Sample: B0472  
Samp. Description: WTP Effluent

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 09/11/03  
Received: 09/11/03 11:35  
Matrix: Water  
Number of Analytes: 2

Parameter	Result	Q	Units	Method	PQL	Analyzed	QC Batch	Dil	Note
Total dissolved solids	570.		mg/L	EPA 160.1	10.	09/12/03	091203W8	1	
Total suspended solids	<5.0	U	mg/L	EPA 160.2	5.0	09/12/03	091203W18	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: September 22, 2003 Monika Santucci

Client: <i>OG/NUA</i>					Analysis/Method			
Project: <i>Former Accurate Die Cast</i>					<div style="writing-mode: vertical-rl; transform: rotate(180deg);">TSS/MS</div>			
Sampled by: <i>RICHARD McLAUGHLIN</i>							<div style="writing-mode: vertical-rl; transform: rotate(180deg);">6309</div>	
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>9/11/03</i>	<i>10:00</i>	<i>WATER</i>	<i>COMP</i>	<i>1</i>			
Retrieved by: <i>Richard McLaughlin</i>					Date: <i>9/11/03</i>	Time: <i>11:35</i>		
Retrieved by:					Date:	Time:		
Retrieved by:					Date: <i>9/11/03</i>	Time: <i>11:35</i>		
Shipment Method:								

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

**Comments:**

**Cooler Temperature:** *30C well iced*

**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#: 6351  
 Sample: B0629  
 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: 09/17/03 Matrix: Water  
 Received: 09/17/03 QC Batch: 091803W3  
 Prepared: 09/18/03 %Solids:  
 Sample Size: 10 mL  
 Dilution: 1

Parameter	Result	Qual	PQL	Analyzed Notes
Methylene chloride	<2.0	U	2.0	09/18/03
trans-1,2-Dichloroethene	<.50	U	.50	09/18/03
cis-1,2-Dichloroethene	<.50	U	.50	09/18/03
Trichloroethene	<.50	U	.50	09/18/03
Toluene	<.50	U	.50	09/18/03
Tetrachloroethene	<.50	U	.50	09/18/03
1,1,2,2-Tetrachloroethane	<.50	U	.50	09/18/03

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	101		78-125
1,2-Dichloroethane-d4 (surrogate)	97		76-134
Toluene-d8 (surrogate)	104		80-120
Bromofluorobenzene (surrogate)	89		71-120

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: September 19, 2003 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#: 6351  
Sample: B0628  
Samp. Description: WTP Effluent - Comp

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 09/17/03  
Received: 09/17/03 10:35  
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.	09/19/03	091903W1	1	
Total suspended solids	<5.0		mg/L	EPA 160.2	5.0	09/23/03	092303W8	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: September 29, 2003 Monika Santucci

### Analysis/Method

Client: OGINA

Project: Farmers Account Ori Crat

Sampled by: Richard McLaughlin

Client Contact: Al Farrell Phone # 2316

Sample Description							
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers		
WTP Effluent	9/12/03	12:10	Water	Comp	1		
WTP Effluent	9/12/03	10:00	Water	Grab	2		

TSS TDS  
VOC's 8260  
6350  
6.551, 8.12  
Comments 9/11/03

Requisitioned by: Richard A. McLaughlin Date: 9/7/03 Time: 10:35 Received by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Requisitioned by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Received by: Al Farrell Date: 9/10/03 Time: 10:35

Requisitioned by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ Received by: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Shipment Method: \_\_\_\_\_

T turnaround Time Required:   Routine  Rush (Specify)  

Comments: Notified Al Farrell via email advised <sup>Mr</sup> samples have been cooled temperature is 11°C. Samples have been iced for 35 minutes. (NS)

Cooler Temperature: 11°C well iced

**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#: 6414  
Sample: B1000  
Samp. Description: WTP Effluent

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 09/25/03  
Received: 09/25/03 10:25  
Matrix: Water  
Number of Analytes: 2

Parameter	Result	Q	Units	Method	PQL	Analyzed	QC Batch	Dil	Note
Total dissolved solids	600.		mg/L	EPA 160.1	10.	10/02/03	100203W1	1	
Total suspended solids	<5.0	U	mg/L	EPA 160.2	5.0	10/01/03	100103W5	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 8, 2003    Monika Santucci

Client: <i>OGINA</i>			Analysis/Method		
Project: <i>Foamer Accurate Die Cast</i>			<i>CO # 414</i> <i>TSS/TMS</i>		
Sampled by: <i>Richard McLaughlin</i>					
Client Contact: <i>Al Fornaci</i>					
Phone # <i>2316</i>					
Sample Description					
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers
<i>WTP Effluent</i>	<i>9/25/03</i>	<i>10:00</i>	<i>Water Comp</i>	<i>Comp</i>	<i>1</i>
Retinquished by: <i>Richard McLaughlin</i>	Date: <i>9/25/03</i>	Time: <i>10:25</i>	Received by:	Date:	Time:
Retinquished by:	Date:	Time:	Received by:	Date:	Time:
Retinquished by:	Date:	Time:	Received by: <i>A.S. Roll</i>	Date: <i>9/25/03</i>	Time: <i>10:25</i>
Shipment Method:			Airbill Number:		

Turnaround Time Required:  
 Routine    
 Rush (Specify) \_\_\_\_\_  
 Comments: \_\_\_\_\_  
 Cooler Temperature: *2°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#: 6472  
 Sample: B1331  
 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: 10/02/03 Matrix: Water  
 Received: 10/02/03 QC Batch: 100703W3  
 Prepared: 10/07/03 %Solids:  
 Sample Size: 10 mL  
 Dilution: 1

Parameter	Result	Qual	PQL	Analyzed Notes
Methylene chloride	<2.0	U	2.0	10/07/03
trans-1,2-Dichloroethene	<.50	U	.50	10/07/03
cis-1,2-Dichloroethene	<.50	U	.50	10/07/03
Trichloroethene	<.50	U	.50	10/07/03
Toluene	<.50	U	.50	10/07/03
Tetrachloroethene	<.50	U	.50	10/07/03
1,1,2,2-Tetrachloroethane	<.50	U	.50	10/07/03

Surrogate	%R	Qual	%R Limits
Dibromofluoromethane (surrogate)	102		78-125
1,2-Dichloroethane-d4 (surrogate)	93		76-134
Toluene-d8 (surrogate)	106		80-120
Bromofluorobenzene (surrogate)	89		71-120

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 8, 2003 Monika Santucci

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

**Analytical Results  
Method: 8021**

Client: O'Brien & Gere Inc. of North America  
 Project: Former Accurate Die - Fayetteville, NY  
 Proj. Desc:  
 Package#: 6472  
 Sample: B1332  
 Sample Description: WTP INFLUENT-GRAB  
 Instrument: 9001  
 Units: ug/L  
 Number of analytes: 34

Job No.: 3027.001.11102  
 Certification NY No.: 10155

Collected: 10/02/03 Matrix: Water  
 Received: 10/02/03 QC Batch: 101303W1  
 Prepared: 10/13/03 %Solids:  
 Sample Size: 5 ml

Parameter	Result	Qual	PQL	Dil	Analyzed	Notes
Benzene	<20.	U	20.	20	10/13/03	
Bromodichloromethane	<20.	U	20.	20	10/13/03	
Bromoform	<200.	U	200.	20	10/13/03	
Bromomethane	<200.	U	200.	20	10/13/03	
Carbon tetrachloride	<20.	U	20.	20	10/13/03	
Chlorobenzene	<20.	U	20.	20	10/13/03	
Chloroethane	<20.	U	20.	20	10/13/03	
2-Chloroethylvinyl ether	<200.	U	200.	20	10/13/03	
Chloroform	<20.	U	20.	20	10/13/03	
Chloromethane	<200.	U	200.	20	10/13/03	
Dibromochloromethane	<20.	U	20.	20	10/13/03	
1,2-Dichlorobenzene	<100.	U	100.	20	10/13/03	
1,3-Dichlorobenzene	<100.	U	100.	20	10/13/03	
1,4-Dichlorobenzene	<100.	U	100.	20	10/13/03	
Dichlorodifluoromethane	<200.	U	200.	20	10/13/03	
1,1-Dichloroethane	<20.	U	20.	20	10/13/03	
1,2-Dichloroethane	<20.	U	20.	20	10/13/03	
1,1-Dichloroethylene	<20.	U	20.	20	10/13/03	
cis-1,2-Dichloroethylene	<20.	U	20.	20	10/13/03	
trans-1,2-Dichloroethylene	<20.	U	20.	20	10/13/03	
Dichloromethane	<20.	U	20.	20	10/13/03	
1,2-Dichloropropane	<20.	U	20.	20	10/13/03	
cis-1,3-Dichloropropylene	<20.	U	20.	20	10/13/03	
trans-1,3-Dichloropropylene	<20.	U	20.	20	10/13/03	
Ethylbenzene	<20.	U	20.	20	10/13/03	
1,1,2,2-Tetrachloroethane	<20.	U	20.	20	10/13/03	
Tetrachloroethylene	<20.	U	20.	20	10/13/03	
Toluene	<20.	U	20.	20	10/13/03	
1,1,1-Trichloroethane	<20.	U	20.	20	10/13/03	
1,1,2-Trichloroethane	<20.	U	20.	20	10/13/03	

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 20, 2003 Monika Santucci

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

**Analytical Results  
Method: 8021**

Client: O'Brien & Gere Inc. of North America  
 Project: Former Accurate Die - Fayetteville, NY  
 Proj. Desc:  
 Package#: 6472  
 Sample: B1332  
 Sample Description: WTP INFLUENT-GRAB  
 Instrument: 9001  
 Units: ug/L  
 Number of analytes: 34

Job No.: 3027.001.11102  
 Certification NY No.: 10155

Collected: 10/02/03 Matrix: Water  
 Received: 10/02/03 QC Batch: 101303W1  
 Prepared: 10/13/03 %Solids:  
 Sample Size: 5 ml

Parameter	Result	Qual	PQL	Dil	Analyzed	Notes
Trichloroethylene	1000.		20	20	10/13/03	
Trichlorofluoromethane	<20.	U	20.	20	10/13/03	
Vinyl Chloride	<20.	U	20.	20	10/13/03	
Xylenes (total)	<60.	U	60.	20	10/13/03	

Surrogate	%R	Qual	%R Limits
2-Chloropropane (surrogate)	98.		77 - 126
Fluorobenzene (surrogate)	99.		80 - 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 20, 2003 Monika Santucci

# O'Brien & Gere Laboratories, Inc.

# Analytical Results Method: 8021

Client: O'Brien & Gere Inc. of North America  
 Project: Former Accurate Die - Fayetteville, NY  
 Proj. Desc:  
 Package#: 6472  
 Sample: B1333  
 Sample Description: WTP IN BETWEEN-GRAB  
 Instrument: 9001  
 Units: ug/L  
 Number of analytes: 34

Job No.: 3027.001.11102  
 Certification NY No.: 10155

Collected: 10/02/03 Matrix: Water  
 Received: 10/02/03 QC Batch: 101303W1  
 Prepared: 10/13/03 %Solids:  
 Sample Size: 5 ml

Parameter	Result	Qual	PQL	Dil	Analyzed	Notes
Benzene	<1.	U	1.	1	10/13/03	
Bromodichloromethane	<1.	U	1.	1	10/13/03	
Bromoform	<10.	U	10.	1	10/13/03	
Bromomethane	<10.	U	10.	1	10/13/03	
Carbon tetrachloride	<1.	U	1.	1	10/13/03	
Chlorobenzene	<1.	U	1.	1	10/13/03	
Chloroethane	<1.	U	1.	1	10/13/03	
2-Chloroethylvinyl ether	<10.	U	10.	1	10/13/03	
Chloroform	<1.	U	1.	1	10/13/03	
Chloromethane	<10.	U	10.	1	10/13/03	
Dibromochloromethane	<1.	U	1.	1	10/13/03	
1,2-Dichlorobenzene	<5.	U	5.	1	10/13/03	
1,3-Dichlorobenzene	<5.	U	5.	1	10/13/03	
1,4-Dichlorobenzene	<5.	U	5.	1	10/13/03	
Dichlorodifluoromethane	<10.	U	10.	1	10/13/03	
1,1-Dichloroethane	<1.	U	1.	1	10/13/03	
1,2-Dichloroethane	<1.	U	1.	1	10/13/03	
1,1-Dichloroethylene	<1.	U	1.	1	10/13/03	
cis-1,2-Dichloroethylene	9.		1	1	10/13/03	
trans-1,2-Dichloroethylene	<1.	U	1.	1	10/13/03	
Dichloromethane	<1.	U	1.	1	10/13/03	
1,2-Dichloropropane	<1.	U	1.	1	10/13/03	
cis-1,3-Dichloropropylene	<1.	U	1.	1	10/13/03	
trans-1,3-Dichloropropylene	<1.	U	1.	1	10/13/03	
Ethylbenzene	<1.	U	1.	1	10/13/03	
1,1,2,2-Tetrachloroethane	<1.	U	1.	1	10/13/03	
Tetrachloroethylene	<1.	U	1.	1	10/13/03	
Toluene	<1.	U	1.	1	10/13/03	
1,1,1-Trichloroethane	<1.	U	1.	1	10/13/03	
1,1,2-Trichloroethane	<1.	U	1.	1	10/13/03	
Trichloroethylene	26.		1	1	10/13/03	

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 20, 2003 Monika Santucci

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

**Analytical Results  
Method: 8021**

Client: O'Brien & Gere Inc. of North America  
 Project: Former Accurate Die - Fayetteville, NY  
 Proj. Desc:  
 Package#: 6472  
 Sample: B1333  
 Sample Description: WTP IN BETWEEN-GRAB  
 Instrument: 9001  
 Units: ug/L  
 Number of analytes: 34

Job No.: 3027.001.11102  
 Certification NY No.: 10155

Collected: 10/02/03 Matrix: Water  
 Received: 10/02/03 QC Batch: 101303W1  
 Prepared: 10/13/03 %Solids:  
 Sample Size: 5 ml

Parameter	Result	Qual	PQL	Dil	Analyzed	Notes
Trichlorofluoromethane	<1.	U	1.	1	10/13/03	
Vinyl Chloride	<1.	U	1.	1	10/13/03	
Xylenes (total)	<3.	U	3.	1	10/13/03	

Surrogate	%R	Qual	%R Limits
2-Chloropropane (surrogate)	91.		77 - 126
Fluorobenzene (surrogate)	99.		80 - 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 20, 2003      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#: 6472  
Sample: B1334  
Sample Description: WTP EFFLUENT-COMP  
Units: mg/L

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 10/02/03      Matrix: Water  
Received: 10/02/03      %Solids:  
Number of analytes: 2

Parameter	Result	Q	Method	PQL	Prepared	Analyzed	QC Batch	Dil	Note
Mercury	<.00020	U	245.1	.00020	10/06/03	10/07/03	100603W3	1	
Zinc	<.010	U	200.7	.010	10/14/03	10/16/03	101403W4	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 16, 2003      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#: 6472  
Sample: B1335  
Sample Description: WTP INFLUENT-COMP  
Units: mg/L

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 10/02/03      Matrix: Water  
Received: 10/02/03      %Solids:  
Number of analytes: 2

Parameter	Result	Q	Method	PQL	Prepared	Analyzed	QC Batch	Dil	Note
Mercury	<.00020	U	245.1	.00020	10/06/03	10/07/03	100603W3	1	
Zinc	<.010	U	200.7	.010	10/14/03	10/16/03	101403W4	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 16, 2003      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#: 6472  
Sample: B1330  
Samp. Description: WTP EFFLUENT-COMP

Job No.: 3027.001.11102  
Certification NY No.: 10155

Collected: 10/02/03  
Received: 10/02/03 11:00  
Matrix: Water  
Number of Analytes: 2

Parameter	Result	Q	Units	Method	PQL	Analyzed	QC Batch	Dil	Note
Total dissolved solids	540.		mg/L	EPA 160.1	10.	10/06/03	100603W2	1	
Total suspended solids	<5.0	U	mg/L	EPA 160.2	5.0	10/07/03	100703W1	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 8, 2003      Monika Santucci





October 14, 2003

Service Request No: K2307673

Anthony Geiss  
O'Brien & Gere Engineers, Inc.  
5000 Brittonfield Parkway  
East Syracuse, NY 13057

**RE: Former Accurate Die Casting / 32616**

Dear Anthony:


Enclosed are the results of the sample(s) submitted to our laboratory on October 3, 2003. For your reference, these analyses have been assigned our service request number K2307673.

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 7

## 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	Environmental Laboratory Accreditation Program
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	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

000002

### 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.

000003

COLUMBIA ANALYTICAL SERVICES, INC.

Client: O'Brien & Gere Engineers, Inc.  
Project: Former Accurate Die Casting/32616  
Sample Matrix: Water

Service Request No.: K2307673  
Date Received: 10/3/03

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of Columbia Analytical Services, Inc. (CAS). This report contains analytical results for samples designated for Tier I data deliverables. When appropriate to the method, method blank results have been reported with each analytical test.

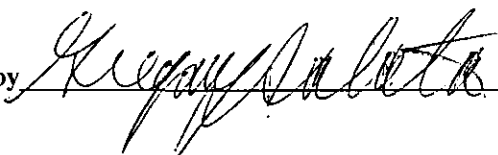
Sample Receipt

Two water samples were received for analysis at Columbia Analytical Services on 10/3/03. The following discrepancies were noted upon initial sample inspection. The exceptions are also noted on the cooler receipt and preservation form included in this data package. The temperature of the cooler upon receipt was 7.1°C. The samples were received in good condition and consistent with the accompanying chain of custody form. The samples were stored in a refrigerator at 4°C upon receipt at the laboratory.

Total Metals

No anomalies associated with the analysis of these samples were observed.

Approved by



Date

10/14/03

000004

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

**Client:** O'Brien & Gere Engineers, Inc.  
**Project:** Former Accurate Die Casting/32616  
**Sample Matrix:** Water

**Service Request:** K2307673  
**Date Collected:** 10/2/03  
**Date Received:** 10/3/03

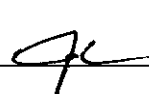
Mercury, Total

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

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

Sample Name	Lab Code	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
Influent	K2307673-001	1.0	1	10/6/03	10/7/03	ND	
Effluent	K2307673-002	1.0	1	10/6/03	10/7/03	ND	
Method Blank	K2307673-MB	1.0	1	10/6/03	10/7/03	ND	

Approved By: \_\_\_\_\_



Date: \_\_\_\_\_

10/10/03

000005

1A/052595



# 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.



**Columbia Analytical Services Inc.  
Cooler Receipt And Preservation Form**

Project/Client O'Brien & Gere Work Order K23 7673  
Cooler received on 10/3/03 and opened on 10/3/03 by Kan.

**SHORT HOLD TIME**

1. Were custody seals on outside of cooler?  
If yes, how many and where? Y  N
2. Were seals intact and signature & date correct? Y  N
3. Is the shipper's airbill available and filed? If no, record airbill number: Airborne Y  N
4. COC # \_\_\_\_\_ Attach  
Temperature of cooler(s) upon receipt: 7.1 \_\_\_\_\_  
Temperature Blank: 9.5 \_\_\_\_\_
5. Were custody papers properly filled out (ink, signed, etc.)? Y  N
6. Type of packing material present ice, b-wrap
7. Did all bottles arrive in good condition (unbroken)? Y  N
8. Were all bottle labels complete (i.e. analysis, preservation, etc.)? Y  N
9. Did all bottle labels and tags agree with custody papers? Y  N
10. Were the correct types of bottles used for the tests indicated? Y  N
11. Were all of the preserved bottles received at the lab with the appropriate pH? ~~Y~~ N
12. Were VOA vials checked for absence of air bubbles, and if present, noted below? ~~Y~~ N
13. Did the bottles originate from CAS/K or a branch laboratory? Y  N
14. Are CWA Microbiology samples received with > 1/2 the 24 hr. hold time remaining from collection? ~~Y~~ N
15. Was Cl2/Res negative? ~~Y~~ N

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

RESOLUTION: \_\_\_\_\_  
Samples that required preservation or received out of temperature: Samples rec'd out of temp

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

**END**

**OF**

**DOCUMENT**