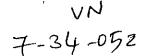
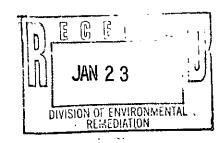
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- maye ment. po	34052: 2003	

-







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

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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

		Monitoring Rec	quirements	, ,	Effluent	Effluent	Effluent	Effluent
Discharge Limitation Daily Average	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	n es	444	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.

U - Not Detected, J - Estimated $TOD = 1.5 \times CBOD5 + 4.5 \times TKN$

Page 1 of 2

^{--- -} Not analyzed, NA - Data not available



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

	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	
Analyte	12/12/2002	12/17/2002	12/19/2002	12/24/2002	12/26/2002	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) CBOD5 (mg/L)	-	450 —	- .	940 —			
TKN (mg/L)	_					_	
TOD (mg/L)							~~~~~~~~~~~
Dissolved Oxygen (mg/L)	-						
Aluminum, dissolved (mg/L)	<u></u>	<u></u>	<u></u>	<u></u>	<u></u>	_	
Antimony, total (mg/L)						_	
Chromium, total (mg/L)	_		_			-	
Cobalt, total (mg/L)							
Copper, total (mg/L)	-	-					
Iron, total (mg/L)							99100000000000000000000000000000000000
Lead, total (mg/L)	-				_		
Mercury, total (mg/L)		0.00020 U					
Nickel, total (mg/L)	-						
Silver, total (mg/L)					electric de la companya de la compan		AN
Vanadium, total (mg/L)							
Zinc, total (mg/L)		0.014				•	
cis-1,2-Dichloroethene (ug/L)		0.50 U		==== \$0.1500 (5.000000 400) 000000000000000000000000000			
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		***	-		200000000000000000000000000000000000000
Foluene (ug/L)		0.50 U					
Trichloroethene (ug/L)		0.50 U	·····				000000000000000000000000000000000000000
Acetone (ug/L)	_	10 U			_		
2-Hexanone (ug/L)		5.0 U					ècneograpassassas
4-Methyl-2-pentanone (MIBK) (ug/L)		5.0 U					

NOTES:

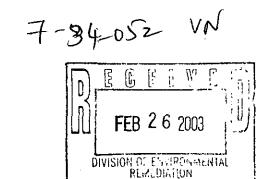
(1) Minimum monitoring requirements based on the SPDES permit modified November 21, 1997.

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

U - Not Detected, J - Estimated TOD = 1.5 X CBOD5 + 4.5 X TKN

Page 2 of 2





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:

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



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

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Attachments

cc: (ATEnglish - 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

		Monitoring Re	quirements		Effluent	Effluent .	Effluent	Effluent
Analyte (units)	Discharge Discharge Minimum Limitation Limitation Measurement Sample te (units) Daily Average Daily Maximum Frequency(1) 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.	<u></u> -	<u></u>	<u></u> -	<u></u>
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		<u></u>	<u></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	<u></u> -		<u> </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	_		<u> </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	•.·v.•		***************************************
Acetone (ug/L)	Monitor	1000	2/Month	Grab	10 U		<u> </u>	
2-Hexanone (ug/L)	Monitor	1000	2/Month	Grab	5 U			eu e reespeen en mont annot mont genop de la lieu de la lieu en la
4-Methyl-2-pentanone (MIBK) (ug/L)	Monitor	1000	2/Month	Grab	5 U			

NOTES:

Page 1 of 2

⁽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

	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent
Analyte	01/14/2003	01/16/2003	01/21/2003	01/22/2003	01/23/2003	01/28/2003	01/30/2003
Flow (GPD)	14485	14674	14890		14451	14430	14671
pH (SU)	8.52	8.52	8.5	<u>—</u>	8.49	8.48	8.5
Residue, non-filterable (mg/L)	5 U			5 U		5 U	_
Total dissolved solids (TDS) (mg/L) CBOD5 (mg/L)	680 —		 	68 0 		670 ` 	
TKN (mg/L)				_			
TOD (mg/L)				_			
Dissolved Oxygen (mg/L)					1111		
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)					<u></u> -		_
Mercury, total (mg/L)	0.0002 U	·					
Nickel, total (mg/L)			****				
Silver, total (mg/L)					***		
Vanadium, total (mg/L)	<u></u> -			 -			
Zinc, total (mg/L)	0.01 U						and the second section of the
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				144 1		
Trichloroethene (ug/L)	0.5 U					****	
Acetone (ug/L)	10 U	_		-			
2-Hexanone (ug/L)	5 U		to fall this broken to a factor of the control of t				
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

Page 2 of 2





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.



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

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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

		Monitoring Re	quirements		Effluent	Effluent	Effluent	Effluent
Limitation Limitation Measurer		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			
		* YYY	-	Y***Y		7770188		

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

Page 1 of 2



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

	Effluent	Effluent	Effluent	Effluent	Effluent
Analyte	02/18/2003	02/20/2003	02/25/2003	02/26/2003	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)	****			des Mantidas (mantidas (m	
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 0.5 U			-
1,1,2,2-Tetrachloroethane (ug/L) Tetrachloroethene (ug/L)		0.5 U	-		
Tetrachioroethene (ug/L) Toluene (ug/L)		0.5 U	<u></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 Ü		_	_
	***************************************			***************************************	

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 $TOD = 1.5 \times CBOD5 + 4.5 \times TKN$

Page 2 of 2

ATTACHMENT A

SPDES PERMIT COMPLIANCE MONITORING LABORATORY ANALYTICAL DATA REPORT

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

Analytical Results Method: 8260

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

Parameter	Result	Qual	PQL	Analyzed Notes
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.	Ŭ	12	02/04/03

			%R
Surrogate	%R	Qual	<u>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: Nowka Sandue

Date: February 5, 2003 Monika Santucci

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

Proj. Desc:

Package#: 4521 Sample: A1330

Sample Description: WTP Between Carbons

Instrument: HP5970 GC/MS#2

Units: ug/L

Number of analytes: 10

Analytical Results Method: 8260

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

<u>Parameter</u>	Result	Qual	POL	Analyzed Notes
Acetone	<10.	υ	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

			%R
Surrogate	%R	Qual	<u>Limits</u>
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 POL 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

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

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

Analytical Results Method: 8260

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

Collected: 02/04/03

02/04/03 02/04/03 Matrix: Water

Received: 02/04/03

Prepared:

%Solids:

Sample Size: 25 mL

QC Batch: 020403W2

Dilution: 1

Parameter	Result	Oual	POL	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	Ŭ	. 5	02/04/03
2-Hexanone	<5.0	Ū	5	02/04/03
Tetrachloroethene	<.50	U	. 5	02/04/03
1,1,2,2-Tetrachloroethane	<.50	U	. 5	02/04/03

			%R
Surrogate	%R	Oual	<u>Limits</u>
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:_

Date: February 5, 2003

Monika Santucci

Analytical Results Trace Metals

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

Job No.: 3027 . 001.11102 Certification NY No.: 10155

Proj. Desc:

Package#: 4521

Sample: A1332

Collected: 02/04/03

Matrix: Water

Sample Description: WTP Effluent-08:30

Received: 02/04/03

%Solids:

Units: mg/L

Number of analytes: 2

Parameter	Result	Q	Method	PQL	Prepared	Analyzed	QC Batch	pil	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.

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Authorized:

Date: February 14, 2003 Monika Santucci

Analytical Results Wet Chemistry

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

Proj. Desc:

Package#: 4521 Sample: A1332

Samp. Description: WTP Effluent-08:30

Job No.: 3027.001.11102 Certification NY No.: 10155

Collected: 02/04/03 08:30 Received: 02/04/03 09:08

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.	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.

uthorized: Nowka Fo

Date: February 10, 2003 Monika Santucci

5000 Brittonfield Parkway
East Syracuse, New York 13057

Chain of Custody.

(315) 437-0200

Client: OGINA ,									An	alysis	/Metho	od	
Project: FORMER Accupate	Dit						\	7		7	7	7	777
Sampled by: MARTIN Koenn						ر (521		/				
Client Contact: AL FARRELL Phone # 23/6					ー			Do					
Sample Description						/	1005	(5)		·/			//.
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers		Y /	\sum	<u> </u>				Comments
InfluenT	2-4-03	7:30	WATER	GEAB	d	a							
Between Carbon	2-4-03	7:30	WATUR	GRAB	a	a							,
EffhuenT	2-4-03	7:30	water	GRAB	a	a]	<u></u>	
EffluenT	2-4-03	8,30	water	Comp	a								
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	1				}								,
	1						·						
Relinquished by: Mak & Rombi	D	110: 2-4.	03 Time	: 9:08	Received	i by:					Da	ie:	Time:
Relinquished by:		ele:	Time		Received						De		Time:
Relinquished by: Date: Time: Received			by Let	: Lai	ual	Mo	e	De	10:2/4	1/03 Time 9:08			
Shipment Method: HAND					Akbil Nu	mber:					· · ·		
Turneround Time Required: C	omments												

Cooler Temperature: 5°C will iced

Routine X Rush (Specify)

Original Laboratory Con Ch. 1

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

Parameter	Result	Ç	Units	Method	PQL	Analyzed	QC Batch	Dil	Note
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.

وري فالإسراب ال

Authorized: Nosita Sonluce

Date: February 19, 2003 Monika Santucci

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

5000 Brittonfield Parkway

Chain of Custody

East Syracuse, New York 13057

(315) 437-0200 Client: Analysis/Method OGINA Project: FURMER HOWENTY Die Sampled by: MAKTIN Koennake Client Contact: Phone # AL FARRELL 2316 Sample Description No. of Time Sample Comp. Sample Location Comments Collected Collected Matrix or Grab |Containers Effluent CUTP 8.45 Comp 2-11-08 WATER Rollinguished by: Mat. 3 from Time: /6:00 Received by: Date: Time: Date: 2.11-03 Relinquished by: Received by: Dale: Time: Date: Time: . Relinguished by: Received by Lab: Laura C. 1964 Date: Time: **Bhipment Method:** Airbill Number: HAIND 'urnaround Time Required: Comments: Routine

1	Rush (Specify)	
look	er Temperalure:	-2°C

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

Analytical Results Method: 8260

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	Ü	5	02/20/03		
Toluene	<.50	Ų	.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	Ü	.5	02/20/03		

			%R
Surrogate	%R	Qual	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.

Date: February 20, 2003

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

Analytical Results Trace Metals

Client: O'Brien & Gere Inc. of North America Project: Former Accurate Die - Fayetteville, NY Job No.: 3027.001.11102 Certification NY No.: 10155

Proj. Desc:

Units: mg/L

Package#: 4635

Sample: A1759
Sample Description: WTP Effluent - Composite

Collected: 02/20/03

Matrix: Water

Re

Received: 02/20/03

%Solids:

Number of analytes: 2

Parameter	Result	Ω	Method	PQL	Prepared	Analyzed	QC Batch	Dil	Note
Mercury	<.00020	Ū	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: North Soluci

Date: March 3, 2003 Monika Santucci

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.

Date: February 26, 2003 Monika Santucci

	_			•	1
O,	Brien	&	Gere	Laborator	ies. Inc.

5000 Brittonfield Parkway

East Syracuse, New York 13057

Chain of Custody ?

4635 (315) 437-0200 Client: Analysis/Method OGINA Project: Former Accurate Die Sampled by: MARTIN Koennecke **Client Contact:** Phone # 23/6 SPERRY TASOIL **Sample Description** Comp. No. of Dale Time Sample Sample Location or Grab Comments Matrix Containers Collected Collected WTP Eff-LuenT 2-2003 Water Chins EffLuenT Water Comp 3-20.03 8190 Relinquished by: ///www. 3 Date: 2 - 20:03 Time:/// 30 Received by: Date: Time: Relinquished by: Data: Time: Received by: Date: Time: Laurel Mars Relinquished by: 13 Time. 11:30 Date: Received by Lab: Time: **Shipment Method:** Airbit Number: Gunhit

Turns	round Time Requi	Comments:	
	Routine	<u> </u>	_
`	Rush (Specify)_		_
		10	· Olinal
:oole	r Tempereture:	10C	well-iced

Original Laboratory Co. Co.

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

Parameter	Result	Q	Units	Method	PQL	Analyzed	QC Batch	Dil	Note
Total dissolved solids	690.		mg/L	EPA 160.1	10.	03/03/03	030303W21	1	
Total suspended solids	<5.0	ប	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:__

Date: March 5, 2003

Monika Santucci

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

5000 Brittonfield Parkway East Syracuse, New York 13057

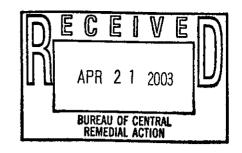
Chain of Custody:

(315) 437-0200

Client: OGINA	Analysis/Method										
Project: Former Accueate Die						1	7	7	7	7	7.77
Sampled by: MARTIN Koenne	rcke				\\	/ · /	/ ,	/	/ ,	/ ,	
Client Contact: JASON SPERRY	/	Phone #	DIV. 7	1	HLIT	05/					
Sample Des	cription		_		157		//	//		//	
Sample Location	Oate Tire Collected Colle	ne Sample cled Matrix	Comp. or Grab	No. of Conteiners			<u> </u>				Comments
WTP EffluenT	2-26-03 8!	45 water	Comp		1		-				
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	 		 -			 			 		
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Relinquished by: Mint 3 Kombi	Dale: g	-36.03 Time	: 9/35	Received	by:				Dat	0:	Time:
Relinquished by:	Date:	Time		Received					Dat		Time:
Relinquished by:	Dale:	Time); 	Received	by Lab: Lo	rura	L. M	re	Det	2/20	6/03 time 9:35
Shipment Method: I-fAND				Akbill Nu							
Turnaround Time Regulred: Co	omments:										

1	Rush (Specify)		
Cook	er Temperature;	_5	o _C





April 18, 2003

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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:

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

	1	Monitoring Re	quirements	·	Effluent	Effluent	Effluent	Effluent
Analyte (units)	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.	<u></u>		<u></u> -	
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.		The second control of		**************************************
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.	l		 -	
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 Ü			_
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 Ü			
Acetone (ug/L)	Monitor	1000	2/Month	Grab	10 U	<u></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			
	ivaciator.	* YYY	44144111111	9140	7.00			

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

Page 1 of 2



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

	Effluent	Effluent	Effluent	Effluent	Effluent	
A	03/13/2003	03/18/2003	03/20/2003	03/25/2003	03/27/2003	
Analyte						
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	
Fotal dissolved solids (TDS) (mg/L)		680			640	
CBOD5 (mg/L)						
FKN (mg/L)						
ΓOD (mg/L)		-				
Dissolved Oxygen (mg/L)	-					
Aluminum, dissolved (mg/L)	<u></u>				_	
Antimony, total (mg/L)		······································				500 - 100 100 1 00 100 100 100 100 100 100 100 100
Chromium, total (mg/L)	==				_	
Cobalt, total (mg/L)						00000000000000000000000000000000000000
Copper, total (mg/L)	_			_	_	
Iron, total (mg/L)				****		
Lead, total (mg/L)		<u></u> -		<u>—</u>		
Mercury, total (mg/L)		0.00020 U				
Nickel, total (mg/L)	<u></u> -				_	
Silver, total (mg/L)					and	
Vanadium, total (mg/L)	_					
Zinc, total (mg/L)		0.010 U				
cis-1,2-Dichloroethene (ug/L)		0.50 U			***	**************************************
rans-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		_	-	
Fetrachloroethene (ug/L)		0.50 U			***	
Foluene (ug/L)		0.50 U		_	—	
Γrichloroethene (ug/L)		0.50 U	•••			
Acetone (ug/L)		10 U		_	_	
2-Hexanone (ug/L)		5.0 U				
4-Methyl-2-pentanone (MIBK) (ug/L)	hat	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

Page 2 of 2

ATTACHMENT A

SPDES PERMIT COMPLIANCE MONITORING LABORATORY ANALYTICAL DATA REPORT

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

Analytical Results Method: 8260

Job No.: 3027, 001.11102 Certification NY No.: 10155

Collected:

03/04/03

Matrix: Water

Received: Prepared:

03/04/03 03/07/03

QC Batch: 030703W3

%Solids:

Sample Size: 10 mL

Dilution: 50

Parameter	Result	Qual	PQL	Analyzed Notes
Acetone	<500.	Ū	500	03/07/03
Methylene chloride	<100.	Ü	100	03/07/03
trans-1,2-Dichloroethene	<25.	υ	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.	Ų	250	03/07/03
Tetrachloroethene	<25.	U	25	03/07/03
1,1,2,2-Tetrachloroethane	<25.	U	25	03/07/03

			₹R
Surrogate	%R	Qual	<u>L</u> imits
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

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

HP5973 GCMS#3 Instrument:

Units: ug/L

Number of analytes:

Analytical Results Method: 8260

Job No.: 3027.001.11102 Certification NY No.: 10155

03/04/03 Collected:

Matrix: Water

Received: 03/04/03

Prepared:

QC Batch: 030603W3

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.	1	.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

			%R
Surrogate	₹R	Qual	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.

Date: March 10, 2003 Monika Santucci

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

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 HP5973 GCMS#3

Instrument:

Units: ug/L

Number of analytes: 10

Analytical Results Method: 8260

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

03/04/03 Collected:

Matrix: Water

Received: 03/04/03

Prepared:

03/06/03

QC Batch: 030603W3

%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	Ū	. 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

			%R
Surrogate	₽R	Qual	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.

Date: March 10, 2003

Monika Santucci

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

Analytical Results Trace Metals

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

Job No.: 3027 . 001.11102 Certification NY No.: 10155

Proj. Desc:

Package#: 4717

Sample: A2103 Sample Description: WTP Effluent-9:15 Collected: 03/04/03

Matrix: Water %Solids:

Units: mg/L

Received: 03/04/03

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.

 \boldsymbol{J} - Reported value is estimated. $\;\boldsymbol{D}$ - Result is diluted.

E - Concentration exceeded the calibration range and is estimated.

Date: March 14, 2003

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

Parameter	Result	Q	Units	Method	PQL	Analyzed	QC Batch	Dil	Note
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.

uthorized: Norita Sant

Date: March 14, 2003 Monika Santucci

5000 Brittonfield Parkway
East Syracuse, New York 13057

Chain of Custody

(315) 437-0200

Client: OGINA.			_		An	alysis	/Meth	od					
Project: FORMER ACCUR. Sampled by: MARTIN KOE	nnecke					471	7					/	///
	ERRY	Ph	one#	PIV 7	/	ł							
Samj	ple Description	1							7/40	\prime /	//	//	
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers		ZK	5/1					Comments
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Cooles Temperature	50	

Routine_____Rush (Specify)

Analytical Results Wet Chemistry

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

Proj. Desc:

Package#: 4784 Sample: A2426

Samp. Description: WTP Effluent

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

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: Morita Sanlucci

Date: March 25, 2003 Monika Santucci

5000 Brittonfield Parkway
East Syracuse, New York 13057

Chain of Custody

(315) 437-0200

Client: OGINA		"							An	alysis	/Meth	od						
Project: Former Accuste Die Sampled by: MARTIN Koennach	Va .					4	4	/	/	7	7	/	777					
Client Contact: JASON SPERRY	/	Ph	one#			u ^{xt}	/_	5/		/								
Sample De		 			· 1		554	³ //	//	/ /	//	/ /						
Sample Location	Date Collected	Time Collected	Semple Matrix	Comp. or Grab	No. of Containers		\angle				\angle		Comments					
WIP EffluenT	3-13-63	9:00	WATER	COMI	1	1												
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			11116		Received by Lab: Lawa L. Mol Dale: 3/12/03 Time. 9 Airbill Number:							2/03 11111 7: 22						

Tumaround Time Requires	Comments:	
Rush (Specify)_		
Cooler Temperature:	10°c	well-iod

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

Analytical Results Method: 8260

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

			₹R
Surrogate	%R	Qual	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.

Monika Santucci

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

Analytical Results Trace Metals

Client: O'Brien & Gere Inc. of North America Project: Former Accurate Die - Fayetteville, NY Job No.: 3027 . 001.11102 Certification NY No.: 10155

Proj. Desc:

Package#: 4829 Sample: A2577

Collected: 03/18/03

Matrix: Water

Sample Description: WTP Effluent-Comp

Received: 03/18/03

%Solids:

Units: mg/L

Number of analytes: 2

Parameter	Result	Q	Method	PQL	Prepared	Analyzed	QC Batch	Dil	Note
Mercury	<.00020	Ū	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: Norika Sonluces

Date: March 31, 2003 Monika Santucci

Analytical Results Wet Chemistry

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

Proj. Desc:

1,3

Package#: 4829 Sample: A2577

Samp. Description: WTP Effluent-Comp

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

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	032003 w 13	1	

Notes:

B - Analyte detected above the POL 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: Norika Santucci

Date: March 25, 2003 Monika Santucci

5000 Brittonfield Parkway

Chain of Custody

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

Client: OGINA									An	alysis	/Metho	Method						
Project: FORMER Accurate DIX							Ä			7	7	7	777					
Sampled by: MARTIN KOENNECK							2 ¹			/ .,			///					
Client Contact: JASON' SPERRY		Ph	one#	-] H	29											
Sample Des	cription	1			'	/	0/3		/\\ 5\/		//	/ /	//.					
Sample Localion	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	/>	2	\$ / Y	5/	\angle	\angle	\angle	Comments					
WTP EffluenT	3-18-03	7:00	WATER	GRAB	۵	J.												
WTP EffluenT	3-18-03	9:00	WATER	COMP	J.	<u> </u>	1											
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Bhipment Method: Hand					Alfbill Nu	mber:												

urnaround Time Required:	Comments:
RoutineX	
Rush (Specify)	

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: Moules Santucci

Date: April 4, 2003 Monika Santucci

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

5000 Brittonfield Parkway
East Syracuse, New York 13057

Chain of Custody:

(315) 437-0200

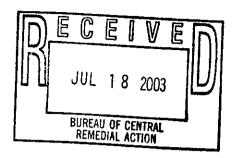
Client: OGINA .	•						·		An	alysis	/Metho	od	
Project: Former Accurate Die Sampled by: MARTIN Koenneck	e					ar T)		$\overline{/}$	7	7	/	
Client Contact: JASON SPERRY Phone # 2733					491°C		9/						
Sample Description						(45)		//	//	//	//		
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	/	<u> </u>						Comments
WTP EffluenT	3-27-03	7:15	water	Comp									
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Shipment Method: HAND					VIPIN Nn	mber:							

Tumaround Time R	lequired:
Rouline	X
Rush (Speci	fy)
-	

Comments:



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.



- 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 CBOD₅, 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 μ g/l to 20 μ g/l.
 - (2) 1,1,2,2-tetrachloroethane has been reduced from 30 μ g/l to 10 μ g/l.
 - (3) Tetrachloroethene has been reduced from 20 μ g/l to 10 μ g/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

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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

		Monitoring Re	quirements		Effluent	Effluent	Effluent	Effluent
Analyte (units)	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) Total dissolved solids (TDS) (mg/L)	Monitor Monitor	20 Monitor	Weekly Weekly	3-hr comp. 3-hr comp.	5 U 670			
Total dissolved solids (TD3) (Hg/L)	Weinan	WORRD	WEENIY	эчи сопр.	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
cis-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab	96 0.5 U			99 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 Monitor	10	2/Month 2/Month	Grab Cook	0.5 U			0.5 U
Tetrachloroethene (ug/L) Toluene (ug/L)	Monitor Monitor	10 20	2/Month	Grab Grab	0.5 U 0.5 U			0.5 U 0.5 U
Trichloroethene (ug/L)	Monitor	10	2/Month	Grab	0.5 U			0.5 U
			*****************************	081000			***********************	
					1			
	1600		V				***************************************	******************************
		***********************************	180480800000000000000000000000000000000	00014000.000000000000000000000000000000	0.0000000000000000000000000000000000000		6010600106010000100010001000000	***************************************

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

Page 1 of 4



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

	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent
Analyte	04/21/2003	04/24/2003	05/01/2003	05/06/2003	05/08/2003	05/13/2003	05/15/2003	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	<u></u>
Zinc, total (mg/L)	The state of the s		0.076				0.063	
cis-1,2-Dichloroethene (ug/L)			***		_		0.50 U	_
rans-1,2-Dichloroethene (ug/L)	<u> </u>	_	_	_			0.50 U	<u> </u>
Methylene chloride (ug/L)				_			2.0 U	
1,1,2,2-Tetrachioroethane (ug/L)		-			· · · - ·		0.50 U	
Tetrachloroethene (ug/L)							0.50 U	
Toluene (ug/L)							0.50 U	
Γrichloroethene (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

Page 2 of 4



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

Effluent Effluent **Effluent** Effluent Effluent Effluent Effluent Effluent 06/17/2003 05/22/2003 05/27/2003 05/29/2003 06/03/2003 06/05/2003 06/10/2003 06/12/2003 Analyte Flow (GPD) 15240 15257 15264 15060 15030 14941 14557 14420 pH (SU) 6.83 6.80 6.74 6.74 6.82 6.78 6.82 6.84 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

0.50 U

NOTES:

Trichloroethene (ug/L)

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

Page 3 of 4



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

Analyte	Effluent 06/19/2003	Effluent 06/24/2003	Effluent 06/26/2003		
Flow (GPD)	14630	14530	14390	-	
pH (SU) Residue, non-filterable (mg/L)	6.82 5.0 U	6.81	6.82 5.0 U		
Total dissolved solids (TDS) (mg/L)	720		740		
Mercury, total (mg/L) Zinc, total (mg/L)	0.00020 U 0.027	-	-		
cis-1,2-Dichloroethene (ug/L)	0.50 U		_		
trans-1,2-Dichloroethene (ug/L)	0.50 U	_			
Methylene chloride (ug/L) 1,1,2,2-Tetrachloroethane (ug/L)	2.0 U 0.50 U				
Tetrachloroethene (ug/L)	0.50 U				
Foluene (ug/L) Frichloroethene (ug/L)	0.50 U 0.50 U	-			
Tremoroculene (ug L)	0.50 0		_		

ATTACHMENT A

SPDES PERMIT COMPLIANCE MONITORING LABORATORY ANALYTICAL DATA REPORT

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

Analytical Results Method: 8260

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

Collected: 04/03/03

/03/03 Matrix: Water

Received: 04/03/03 Prepared: 04/07/03 QC Batch: 040703W2

04/07/03 %Solids:

Sample Size: 25 mL

Dilution: 1

Parameter	Result	Qual	PQL	Analyzed Notes
Acetone	<10.	Ü	10	04/07/03
Methylene chloride	<2.0	Ū	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	Ū	.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: North Santuce

Date: April 8, 2003 Monika Santucci

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.	Ū	20.	20	04/16/03
Bromodichloromethane	<20.	U	20.	20	04/16/03
Bromoform	<200.	Ü	200.	20	04/16/03
Bromomethane	<200.	υ	200.	20	04/16/03
Carbon tetrachloride	<20.	Ū	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.	Ū	200.	20	04/16/03
Chloroform	<20.	U	20.	20	04/16/03
Chloromethane	<200.	Ū	200.	20	04/16/03
Dibromochloromethane	<20.	Ū	20.	20	04/16/03
1,2-Dichlorobenzene	<100.	Ū	100.	20	04/16/03
1,3-Dichlorobenzene	<100.	Ü	100.	20	04/16/03
1,4-Dichlorobenzene	<100.	Ū	100.	20	04/16/03
Dichlorodifluoromethane	<200.	U	200.	20	04/16/03
1,1-Dichloroethane	<20.	Ü	20.	20	04/16/03
1,2-Dichloroethane	<20.	Ū	20.	20	04/16/03
1,1-Dichloroethylene	<20.	Ū	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.	Ü	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: North Sanlucci

Date: April 17, 2003 Monika Santucci

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

04/03/03 Collected:

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	Oual	%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.

Morita Sontuce Date: April 17, 2003

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

04/16/03

Matrix: Water

Received: 04/03/03 Prepared:

QC Batch: 041603W1

%Solids:

Sample Size: 5 ml

Parameter	Result	Qual	PQL	Dil	Analyzed Notes
Benzene	<5.	Ū	5.	5	04/16/03
Bromodichloromethane	<5.	U	5.	5	04/16/03
Bromoform	<50.	Ū	50.	5	04/16/03
Bromomethane	<50.	U	50.	5	04/16/03
Carbon tetrachloride	<5.	U	5.	5	04/16/03
Chlorobenzene	<5.	Ū	5.	5	04/16/03
Chloroethane	<5.	Ū	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.	Ü	5.	5	04/16/03
trans-1,2-Dichloroethylene	<5.	Ū	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.

Date: April 17, 2003

Monika Santucci

Analytical Results Method: 8021

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

Job No.: 3027.001.11102 Certification NY No.: 10155

Proj. Desc:

Package#: 4965 Sample: A3145

04/03/03 Matrix: Water Collected:

Sample Description: Between Carbons

Received: 04/03/03 QC Batch: 041603W1

Instrument: 9001 %Solids:

Units: ug/L

Prepared: 04/16/03

Sample Size: 5 ml

Number of analytes: 34

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

			₹R
Surrogate	%R	Qual	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.

Date: April 17, 2003 Monika Santucci

Analytical Results Trace Metals

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

Job No.: 3027.001.11102 Certification NY No.: 10155

Proj. Desc: Package#: 4965

Collected: 04/03/03

Matrix: Water

Sample: A3147 Sample Description: Effluent - Comp

Received: 04/03/03

%Solids:

Units: mg/L

Number of analytes: 11

Parameter	Result	Q	Method	PQL	Prepared	Analyzed	QC Batch	Dil	Note
Antimony	<.060	Ü	200.7	.060	04/07/03	04/08/03	040703W2	1	
Chromium	<.010	Ū	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	Ü	245.1	.00020	04/07/03	04/08/03	040703W2	1	
Nickel	<.050	Ū	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: Norika Sontuce Date: April 17, 2003 Monika Santucci

Analytical Results Trace Metals

Client: O'Brien & Gere Inc. of North America Project: Former Accurate Die - Fayetteville, NY Job No.: 3027 . 001 .11102 Certification NY No.: 10155

Proj. Desc:

Package#: 4965

Sample: A3148

Collected: 04/03/03

Matrix: Water

Sample Description: Effluent - Comp (Lab Filter) Units: mg/L

Received: 04/03/03 %Solids:

Number of analytes: 1

Parameter	Result	Q	Method	PQL	Prepared Analyzed QC Batch Dil Not	te
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:

Date: April 17, 2003 Monika Santucci

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	υ	mg/L	SM5210B	5.0	04/04/03	13:00040403W13	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: Norika Sorlese

Date: April 13, 2003 Monika Santucci

5000 Brittonfield Parkway
East Syracuse, New York 13057

Chain of Custody

(315) 437-0200

Client: OGINA .							Analysis/Method							
Project: Former Accurate Die		Qu	ARTIC	14				7		7	7	$\overline{}$	/	$\overline{77}$
Sampled by: MARTIN Koennecks				/						/ ,	5	/ ,		/ / /
Client Contact: JASON SPERRY Phone #										ENS	. /		12/	
Sample Description						/	/ .u /			in b	Licarren	\ *\	\$ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	5/119/-
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	/ \	7	7	1/2		<u> </u>	<u> </u>		4965 comments
InfluenT	4-3-03	7.30	water	GR4B	J	a								
BETWEEN CARBONS	4-3-03	7:30	water	GRAB	2	<u>. </u>	ک							
<u>Effluent</u>	43-03	7:30	water	GRAB	<u>a</u>			ત્ર						
EffluenT	4-3-03	8:00	WATTE	Comp	5				1	1	1	1		•
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Turnsround Time Require	Comme	
Rush (Specify)_		
Cooler Temperature:	8°C	well-iced

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

Parameter	Result	Q	Units	Method	PQL	Analyzed	QC Batch	Dil	Note
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: North Sorther

Date: April 21, 2003 Monika Santucci

5000 Brittonfield Parkway
East Syracuse, New York 13057

Chain of Custody

(315) 437-0200 Client: OGINA Analysis/Method Project: FORMER Accumite Die Sampled by: MARTIN KOENNECKE SPERRY **Client Contact:** JASON Phone # *2733* **Sample Description** Date Time Sample Comp. No. of Sample Location Collected or Grab Containers Comments Matrix Collected 477 E- Pfluent 4-10-03 WATER Comp Relinguished by: Mati 3 Kombe Received by: Dete: 4-10-03 Time: 8:00 Dale: Time: Relinquished by: Received by: Date: Time: Date: Time: Ralinguished by: Date: 4/10/03 Time. 8'00 Received by Lab: Laure L. Mos Date: Time: Shipment Method: Airbill Number:

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_	Routine	X	
1	Rush (Specify)		
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coole	r Temperature:	11ºc	well-iced
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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

Analytical Results Method: 8260

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.	Ü	10	04/21/03
Methylene chloride	<2.0	υ	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

			%R
Surrogate	₹R	Qual	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

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

Analytical Results Trace Metals

Client: O'Brien & Gere Inc. of North America Project: Former Accurate Die - Fayetteville, NY Job No.: 3027 . 001 .11102 Certification NY No.: 10155

Proj. Desc: Package#: 5087

Sample: A3953 Collected: 04/17/03 Matrix: Water

Sample Description: WTP Effluent - Composite Received: 04/17/03 %Solids:

Units: mg/L 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: Norika Sonluce

Monika Santucci

Date: April 30, 2003

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

Parameter	Result	Q	Units	Method	PQL	Analyzed	QC Batch	Dil	Note
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: North Sonline

Date: May 1, 2003 Monika Santucci

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

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

Chain of Custody

Client: Analysis/Method GINA tecurate Die Casting Project: Sampled by: **Client Contact:** Phone # 5087 **Sample Description** No. of Date Time Samole Сопто. **Sample Location** Comments Collected Collected Matrix or Grab Containen PLUENT Gans 10:30 WATER COMP. Relinquished by: Lichman Mi Lauch lin Date: 4/17/02 Time: 1.40 Received by: Date: Time: Dele: Relinguished by: Received by: Time: Date: Time: Received by Lab: Barbara h 17/03 Time.13:4A Relinguished by: Date: 4 Date: Time: **Shipment Method:** Alrbill Number: umaround Time Required: Comments:

_	Temperature:	100	-
poler	Temperature:	1.0	

Routine

Rush (Specify)

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

Parameter	Result	Ç	Units	Method	PQL	Analyzed	QC Batch	Dil	Note
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.

Date: May 7, 2003

Monika Santucci

5000 Brittonfield Parkway

Chain of Custody

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

Client: OGINA								•	Ar	alysis	/Meth	Method			
Project: Formen Accurate	Die CA	sting					50	/		$\overline{/}$	7	/	777		
Client Contact: Jason Spanny	JEN 1110	Ph	one #	2727	~~~~	(5)		5/		/ ·/					
Sample Description					/				//	//					
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers								Comments		
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'urnaround Time Required: Routine	Comments:							-			•	•			

Client: O'Brien & Gcre 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

Analytical Results Method: 8260

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

Collected:

05/01/03

Matrix: Water

Received: 05/01/03 Prepared: 05/02/03 QC Batch: 050203W3

3 %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	บ	5	05/02/03
Tetrachloroethene	<.50	U	.5	05/02/03
1,1,2,2-Tetrachloroethane	<.50	U	.5	05/02/03

Q	%R	01	%R Limits
Surrogate		Qual	TIMITS
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: Monky January

Date: May 5, 2003 Monika Santucci

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

Analytical Results Method: 8260

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

Proj. Desc:

Package#: 5234 Sample: A4873 DL

Sample Description: WTP Between Carbon Units

Client: O'Brien & Gere Inc. of North America

Project: Former Accurate Die - Fayetteville, NY

Instrument: HP5973 GCMS#3

Units: ug/L

Number of analytes: 10

Collected: 05/01/03

05/02/03

Received: 05/01/03

Prepared:

Matrix: Water

QC Batch: 050203W3

%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

			%R
Surrogate	%R	Qual	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.

Date: May 5, 2003

Analytical Results Method: 8021

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

Job No.: 3027.001.11102 Certification NY No.: 10155

Proj. Desc:

Package#: 5234

Collected:

05/01/03 Matrix: Water

Sample: A4871

Received: 05/01/03 QC Batch: 051403W1

Sample Description: WTP Effluent - Grab Instrument: 9001

Number of analytes: 34

%Solids:

Units: ug/L Prepared: 05/14/03

Sample Size: 5 ml

Parameter	Result	Qual	PQL	Di1	Analyzed Notes
Benzene	<1.	U	1.	1	05/14/03
Bromodichloromethane	<1.	U	1.	1	05/14/03
Bromoform	<10.	Ü	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.	Ü	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.	Ü	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.	υ	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.

Date: May 16, 2003

Authorized: Norika Sanlucci

J - Reported value is estimated. D - Result is diluted.

E - Concentration exceeded the calibration range and is estimated.

Analytical Results Method: 8021

Client: O'Brien & Gere Inc. of North America Job No.: 3027.001.11102 Project: Former Accurate Die - Fayetteville, NY Certification NY No.: 10155

Proj. Desc:

Package#: 5234

Collected: 05/01/03 Matrix: Water Sample: A4871

Received: 05/01/03 Sample Description: WTP Effluent - Grab QC Batch: 051403W1

Prepared: 05/14/03 Instrument: 9001 %Solids:

Units: ug/L Sample Size: 5 ml

Number of analytes:

Parameter	Result	Qual	PQL	Dil	Analyzed Notes
Trichloroethylene	<1.	Ü	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

			₽R
Surrogate	₽R	Qual	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: Norika Santucci

Date: May 16, 2003 Monika Santucci

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

05/01/03 Matrix: Water

Received: 05/01/03 Prepared: 05/14/03 QC Batch: 051403W1

05/14/03 %Solids:

Sample Size: 5 ml

Parameter	Result	Qual	PQL	Dil	Analyzed Notes
Benzene	<20.	Ū	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.	υ	100.	20	05/14/03
1,3-Dichlorobenzene	<100.	Ü	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.	Ü	20.	20	05/14/03
1,2-Dichloroethane	<20.	υ	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.	Ū	20.	20	05/14/03
cis-1,3-Dichloropropylene	<20.	Ü	20.	20	05/14/03
trans-1,3-Dichloropropylene	<20.	Ü	20.	20	05/14/03
Ethylbenzene	<20.	υ	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.	υ	20.	20	05/14/03
1,1,1-Trichloroethane	<20.	υ	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: / Koutes Control of C

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

05/01/03 Collected:

Matrix: Water

Received: 05/01/03

Prepared:

QC Batch: 051403W1

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: North Santucci

Date: May 16, 2003 Monika Santucci

Analytical Results Trace Metals

Client: O'Brien & Gere Inc. of North America Project: Former Accurate Die - Fayetteville, NY Job No.: 3027.001.11102 Certification NY No.: 10155

Proj. Desc: Package#: 5234 Certification NT No., 10155

Sample: A4870

Collected: 05/01/03

Matrix: Water

Sample Description: WTP Effluent - Composite

Received: 05/01/03

%Solids:

Units: mg/L

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: Moniko Santucci

Date: May 15, 2003 Monika Santucci

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

Parameter	Result	Q	Units	Method	PQL	Analyzed	QC Batch	Dil	Note
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:_

Date: May 20, 2003

5000 Brittonfield Parkway

East Syracuse, New York 13057

Chain of Custody

(315) 437-0200

Client: OGIN4						· · · · · · · ·			An	alysis	/Meth	od	
Project: Former Accusate DIE CASTING								7		7	$\overline{}$	7	777
Sampled by: Richard Melaughlin							•					/ ,	
Client Contact: JASON Spenky		Ph	one#	2 73	3			ω5/.	\b/				
Sample Des							(5)	NY X)0/S				5234
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers)/				Comments
WTP Effluent	5/1/03	7-10	cuator	Comp	/	1							
CUTP Effluent	5/1/03	7-1000	water	Comp				·				 	<u> </u>
WTP Effluent	5/1/03	IOAI	Wake	Gast	2			2					·
WIP INSTINENT	5/1/03	10/3m	Whote	Gust	2_			2					
WIP Between CARBON UNITS		Opm			2			2					
									•				
					,								
Relinquished by: Richard M. Lawhlin	Di	10:5//0	3 Time	11.18	Received	by:					O.	le:	Time:
Relinquished by:	Dı	oto;	Time); 	Received	by:					De		Time:
Relinquished by:	D.	ele:	Time):	Received	by Leb	Br	vilra	alil	Rees	2į De	1a: 5/1	103 Time. 11:18
Shipment Method:					Alibili Nu	mber:					·		
Turnaround Time Required: Co	omments:				,						·		

Cooler Temperature:	0.6°C
cooler Temperatura:	<u> </u>

Rush (Specify)

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

3027.001.11102 Job No.: Certification NY No.: 10155

Collected: 05/08/03

Received: 05/08/03 11:35

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.	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:

Date: May 22, 2003 Monika Santucci

5000 Brittonfield Parkway

Chain of Custody

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

5288

 			1010	1431-0	200									
Client: Former Accus, OG1	NA					Analysis/Method								
Project: Former Accumple D	à Ca	straig	7					7			7	7	777	
Sampled by: Retirary MCLAUS	shlir					}							///	
Client Contact: JASO~ Spenny		Ph	one#	2733	>	}		5/						
Sample Description								5/		//		//		
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	Ho. of Containers		5/						Comments	
LUTP Effluent	5/8/03	10 Am	Waker	Com		1								
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Relinquished by: Victor & M. Level.	Di	lo: 5/8/)? Time	11:35	Received	by:					Da	lana 7 u lo:	Time:	
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Relinquished by:	De	ile:	Time);	Received	by Leb	La	usa	(./	Yve	Da	10:5/8	3/03 Time. 11:35	
Shipment Method:					Alrbill Nu	mbor:		~						
Furnaround Time Required: Co	omments:			,	,			· -						

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

Analytical Results Method: 8260

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.	Ü	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

			₩R
Surrogate	₽R	Qual	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:

Date: May 29, 2003

Monika Santucci

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

Analytical Results Trace Metals

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

Job No.: 3027 . 001.11102 Certification NY No.: 10155

Proj. Desc:

Package#: 5366 Sample: A5525

Collected: 05/15/03

Matrix: Water

Sample Description: WTP Effluent - Comp.

Received: 05/15/03

%Solids:

Units: mg/L

Number of analytes: 2

Parameter	Result	Q	Method	PQL	Prepared	Analyzed	QC Batch	Dil	Note
Mercury	<.00020	υ	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.

Norta Sontuce

Date: May 28, 2003 Monika Santucci

Analytical Results Wet Chemistry

Client: O'Brien & Gere Inc. of North America Project: Former Accurate Die - Fayetteville, NY Job No.: 3027.001.11102 Certification NY No.: 10155

Proj. Desc:

Package#: 5366 Sample: A5525 Collected: 05/15/03 10:00 Received: 05/15/03 11:20

Samp. Description: WTP Effluent - Comp.

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.	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.

Date: May 30, 2003

5000 Brittonfield Parkway

Chain of Custody

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

Cllent: Analysis/Method XGINA Project: HOCURATE DIE CASTING Sampled by: **Client Contact:** Phone # ASON SPERRY **Sample Description** No. of Sample Comp. Time Sample Location Comments Collected Matrix or Grab Containers Collected Comp LUTP Etfluent 10:00 LUATIEK . 1 10:00 WATER JK/03 10:00 2 2 WATER GRAD Relinquished by: Nutrus (111) 16/03 Time:// 20 Received by: Dale: 5-15-3 Time: (1220 Eux Masor Date: Relinguished by: Received by: Date: Time: Dele: Time: Relinguished by: Received by Lab: Date: Time. Date: Time: **Shipment Method:** Airbill Number: Turnaround Time Required: Comments:

Cooler Temperature:	<u>3</u> '	<u> ر</u>	
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Routine

Rush (Specify)

Analytical Results Wet Chemistry

Certification NY No.: 10155

3027.001.11102

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

Proj. Desc:

Package#: 5425

Sample: A5807

Samp. Description: WTP Effluent

Collected: 05/22/03

Received: 05/22/03 11:35

Job No.:

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.	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: X Date: June 5, 2003

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

Chain of Custody

Client: Analysis/Method OGINA Project: ormen Accurate Die Costing Sampled by: Client Contact: TASON & Phone # 2733 5425 **Sample Description** Соптр. No. of Time Samole **Sample Location** Comments Collected Collected Matrix or Grab Containers Effluent Water 10:00 COMO /13 Time://.35 Relinquished by: Received by: Date: Time: Relinquished by: Received by: Date: Time: Date: Time: Barbara Whe b Dale: 5/22/12 Time. 11:35 Relinguished by: Time: Received by Lab: Date: **Bhipment Method:** Akbill Number:

Cooler Temperature:_	3.20	,

Comments:

Turnaround Time Required:

Rush (Specify)

Routine

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: Norika Santucci

Date: June 16, 2003 Monika Santucci

5000 Brittonfield Parkway East Syracuse, New York 13057 Chain of Custody

(315) 437-0200

Client: OGINA													
Project: Former Accumpte	Diè C	CASHIN					16	/		7	7	7	777
Sampled by: Richano MELA	vshli	~	/		· · · · · · · · · · · · · · · · · · ·	'ج [124						
Project: Former Accumpte Die Casting Sampled by: Richard McLaughlin Client Contact: Tason Sperry Phone # 2733								3/					
•	Sample Description								//	//	//	//	
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers		7						Comments
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Relinquished by:		olo:	Time		Received	d by:		·			Da	te:	Time:
Relinquished by:	D	nio:	Time);	Receivé	d by Lab	rai	va i	L M	10e	Da	10:5/2	25/03 Time. 13:35
Shipment Method:					Alrbiii Nu								
Turnernund Time Regulred: /	`ammente			_									

lumaround Time Re	equired:
Routine	
Rush (Specif	y)

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

Proj. Desc:

Package#: 5536 Sample: A6529

Sample Description: WTP Influent-Grab

HP5973 GCMS#3 Instrument:

Units:

Number of analytes: 10

Analytical Results Method: 8260

Job No.: 3027.001.11102 Certification NY No.: 10155

Collected:

06/05/03

Matrix: Water

Received: 06/05/03 Prepared: 06/18/03 QC Batch: 061803W3

%Solids:

Sample Size: 10 mL

Dilution: 50

Parameter	Result	Qual	PQL	Analyzed Notes
Acetone	<500.	Ü	500	06/18/03
Methylene chloride	<100.	U	100	. 06/18/03
trans-1,2-Dichloroethene	<25.	ប	25	06/18/03
cis-1,2-Dichloroethene	<25.	υ	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.	Ü	25	06/18/03

			₹R
Surrogate	%R	Qual	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.

Date: June 19, 2003

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

HP5973 GCMS#3 Instrument:

Units: ug/L

Number of analytes: 10

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

06/05/03 Collected:

Matrix: Water

Received: 06/05/03 Prepared:

QC Batch: 061803W3

06/18/03 %Solids:

Sample Size: 10 mL

Dilution: 50

Parameter	Result	Qual	PQL	Analyzed Notes
Acetone	<500.	Ü	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.	Ų	25	06/18/03

Surrogate	%R	Qual	%R Lìmits
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.

Date: June 19, 2003

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

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

Analytical Results Method: 8260

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

Collected: 06/

06/05/03

Matrix: Water

Received: 06/05/03 Prepared: 06/18/03 QC Batch: 061803W3

: 06/18/03 %Solids:

Sample Size: 10 mL

Dilution: 1

Parameter	Result	Qual	PQL	Analyzed Notes
Acetone	<10.	Ū	10	06/18/03
Methylene chloride	<2.0	U	2	06/18/03
trans-1,2-Dichloroethene	<.50	Ü	.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	Ū	.5	06/18/03

			₹R
Surrogate	%R	Qual	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:

Date: June 19, 2003

Monika Santucci

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

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

Parameter	Result	Q	Method	PQL	Prepared	Analyzed	QC Batch	Dil	Note
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.

Morita Sontucei Authorized:

Date: June 24, 2003

Analytical Results Wet Chemistry

Certification NY No.: 10155

3027.001.11102

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

Collected: 06/05/03

Matrix: Water

Received: 06/05/03 11:55

Job No.:

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.	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.

Date: June 29, 2003

5000 Brittonfield Parkway

East Syracuse, New York 13057

Chain of Custody

(315) 437-0200

Client: OGINA		Analysis/Method											
Project: Formen Accurate Di Sampled by: Richann McLaus	è Casi	ting					536	/		7	7	7	777
Client Contact: Al Farnel	170.27-	Ph	one#		, .	5		5/					
Sample Des	scription)					/s/1	\ 1/ \ 1	1907	100/	125	//	//.
Sample Location	Dale Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers		<u> </u>		Y.	12/	Y		Comments
WTP Efflyent	6/5/03	11:00	WAR			1							
WTP Effluent	6/0/03		WATER	Coop			1						
WTC INSHWENT	6/5/03	11:00	WATER	GRAB	2			2	<u> </u>		<u> </u>		
WTP INBetween	6/5/03	11:00	WATER	GRAB	2				2_		<u> </u>		· · · · · · · · · · · · · · · · · · ·
WTP Effluent	V0/5/03	<u>11:100</u>	WATER	GRAB	2					2			
									·				
Relinquished by: 2.2.1119 Aug 1.	Di	10: 6/s	703 Time	11.55	Received	by:	· · · · · ·		<u> </u>	<u></u>	Da	10:	Time:
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Shipment Method:					Airbill Nu							7	
Turnaround Time Required:	Comments:					,						•	

Rush (Specify)

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	ប	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: Norika Sonlucei Date: June 29, 2003

5000 Brittonfield Parkway East Syracuse, New York 13057 Chain of Custody

(315) 437-0200

Client: OGINA		-				Analysis/Method							
Project: Formen Accurate	Die	CAS	tivis				M	7		7	$\overline{}$	$\overline{}$	777
Project: Formen Accurate Sampled by: Richano MELA	ughli	نہ	1			15	99/						////
Client Contact: AL FARREL		Ph	one #			ر ا		·05/					
Sample Des	cription	1				/	/\\\ (5 5)	"	//	//	//	//	//
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers								Comments
WTP Effhent	6/12/03	10:00	WATER	Comp.	1	1							
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Turnaround Time Required:	Comments
Routine	
Rush (Specify)	
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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

Parameter	Result	Ç	Units	Method	PQL	Analyzed	QC Batch	Dil	Note
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 Norita Sontucei Date: June 29, 2003

Monika Santucci

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

Analytical Results Trace Metals

Client: O'Brien & Gere Inc. of North America Project: Former Accurate Die - Fayetteville, NY Job No.: 3027 . 001.11102 Certification NY No.: 10155

Proj. Desc:

Collected: 06/19/03

Matrix: Water

Package#: 5653 Sample: A7154

%Solids:

Sample Description: WTP Effluent - Comp Units: mg/L

Received: 06/19/03

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: North Sonluce

Monika Santucci Date: June 30, 2003

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

Analytical Results Method: 8260

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	Ŭ	2	06/26/03
trans-1,2-Dichloroethene	<.50	Ü	.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	Ŭ	5	06/26/03
Tetrachloroethene	<.50	Ŭ	.5	06/26/03
1,1,2,2-Tetrachloroethane	<.50	U	.5	06/26/03

			₹R
Surrogate	₹R	Qual	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.

Date: July 3, 2003

5000 Brittonfield Parkway
East Syracuse, New York 13057

Chain of Custody

(315) 437-0200 Client: Analysis/Method DG1NA Project: Sampled by: **Client Contact:** Phone # **Sample Description** No. of Semple Сопр Time Sample Location Comments or Grab Containers Collected Collected Matrix Comp WATER 10:00 Effluent WATER Comp 10:00 2 10:00 WATER GRAB Relinquished by: 4/ (1 Date: 6/19/03 Time:/// Received by: Dete: Time: Relinguished by: Received by: Date: Date: Time: Time: Relinguished by: Received by Lab: Brin Hula Date: Time: **Bhipment Method:** Airbill Number:

Turnaround Time Required:	Comments:
Routine	
Rush (Specify)	

Cooler Temperature:

Original Laboratory Cony Client

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	Ŭ	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.

Date: July 10, 2003

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

Chain of Custody

Client: GINA Analysis/Method Project: 15747 Sampled by: Cilent Contact: Phone # **Sample Description** No. of Sample Сопр. Time **Sample Location** Comments or Grab Containers Collected Malibe Collected 6/2403 10:00 CVAtor Comp. Rollingulated by: Parked 490 Time: /2 : (4) Received by: Dale: Tkma: Date: Relinquished by: Received by: Date: Time: Date: Time: Received by Leb: Laurul. Hol Dale: /p. Relinguished by: Time. /2:00 Date: Time: **Bhipment Method:** Airbit Number:

Furneround Time Required: Rouline						
Rush (Specify)						
Cooler Temperature:	2°c_					

Comments:

ATTACHMENT B

SEMI-ANNUAL GROUND WATER MONITORING LABORATORY ANALYTICAL DATA REPORT

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 Ma

Matrix: Water

Received: 05/01/03 Prepared: 05/05/03 QC Batch: 050503W1

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.	ט	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.	Ū	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.	บ	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: North Sarlucer

Date: May 7, 2003 Monika Santucci

Analytical Results Method: 8021

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

Job No.: 3027.001.11102 Certification NY No.: 10155

Proj. Desc:

Package#: 5232

05/01/03 Collected: Matrix: Water

Sample: A4864 Sample Description: MW-10

Received: 05/01/03 QC Batch: 050503W1

9001 Instrument:

Prepared: 05/05/03

%Solids: Sample Size: 5 ml

Units: ug/L

Number of analytes: 34

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

			₹R
Surrogate	%R	Qual	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: Norita Sanluce Date: May 7, 2003

Analytical Results Method: 8021

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

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.	Ü	200.	20	05/05/03
Bromomethane	<200.	Ū	200.	20	05/05/03
Carbon tetrachloride	<20.	U	20.	20	05/05/03
Chlorobenzene	<20.	U	20.	20	05/05/03
Chloroethane	<20.	Ū	20.	20	05/05/03
2-Chloroethylvinyl ether	<200.	Ŭ	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.	Ŭ	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.	Ū	20.	20	05/05/03
Dichloromethane	<20.	υ	20.	20	05/05/03
1,2-Dichloropropane	<20.	U	20.	20	05/05/03
cis-1,3-Dichloropropylene	<20.	Ū	20.	20	05/05/03
trans-1,3-Dichloropropylene	<20.	υ	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.	Ü	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.	ט	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: North Sonline

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

Number of analytes: 34

Units: ug/L

Job No.: 3027.001.11102 Certification NY No.: 10155

05/01/03 Collected:

Matrix: Water

Received: Prepared:

05/01/03

QC Batch: 050503W1

05/05/03 %Solids:

Sample Size: 5 ml

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

			₹R
Surrogate	₹R	Qual	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: Norika Sontucer Date: May 7, 2003

Monika Santucci

Analytical Results Method: 8021

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

Proj. Desc:

Package#: 5232 Sample: A4866

Sample Description: MW-14

Instrument: 9001

Units: ug/L

Number of analytes:

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

05/01/03 Collected:

Matrix: Water

Received: 05/01/03 Prepared: 05/05/03

QC Batch: 050503W1

%Solids:

Sample Size: 5 ml

Parameter	Result	Qual	PQL	Dil A	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.	Ū	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: North Sontuce

Date: May 7, 2003 Monika Santucci

Analytical Results Method: 8021

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

Job No.: 3027, 001.11102 Certification NY No.: 10155

Proj. Desc:

Package#: 5232 Sample: A4866

05/01/03 Collected: Matrix: Water

Sample Description: MW-14

Received: 05/01/03 QC Batch: 050503W1

Instrument: 9001 Prepared: 05/05/03 %Solids:

Number of analytes:

Units: ug/L

Sample Size: 5 ml

Parameter	Result	Qual	PQL	Dil	Analyzed Notes
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

			₽R
Surrogate	%R	Qual	Limits
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: North Sonline Date: May 7, 2003

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

05/01/03 Collected:

Matrix: Water

Received: 05/01/03 Prepared: 05/05/03

QC Batch: 050503W1

%Solids:

Sample Size: 5 ml

Parameter	Result	Qual	PQL	Dil	Analyzed Notes
Benzene	<50.	Ū	50.	50	05/05/03
Bromodichloromethane	<50.	Ŭ	50.	50	05/05/03
Bromoform	<500.	Ū	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.	Ū	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.	Ū	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.	Ū	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: Morika Sanluce Date: May 7, 2003

Analytical Results Method: 8021

Client: O'Brien & Gere Inc. of North America Project: Former Accurate Die - Fayetteville, NY Job No.: 3027.001.11102 Certification NY No.: 10155

Proj. Desc:

Package#: 5232 Sample: A4863

05/01/03 Collected: Matrix: Water

Sample Description: MW-18

Received: 05/01/03 QC Batch: 050503W1 Prepared:

Instrument: 9001 05/05/03 %Solids:

Units: ug/L

Sample Size: 5 ml

Number of analytes: 34

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

			₹R
Surrogate	%R	Qual	Limits
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.

Date: May 7, 2003

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

05/01/03 Collected: 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.	Ü	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.	Ü	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.	Ū	50.	10	05/06/03
1,4-Dichlorobenzene	<50.	U	50.	10	05/06/03
Dichlorodifluoromethane	<100.	Ū	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.	Ū	\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.	Ü	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.

Morita Souluce Authorized: Date: May 7, 2003

Monika Santucci

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 %5

%Solids:

Sample Size: 5 ml

Parameter	Result	Qual	PQL	Dil	Analyzed Notes
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

			%R
Surrogate	₹R	Qual	Limits
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: North Santucci

Date: May 7, 2003 Monika Santucci

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

Analytical Results Method: 8021

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

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

Proj. Desc:

Package#: 5232 Sample: A4861

ı

05/01/03 Matrix: Water Collected:

Sample Description: SUMP

Received: 05/01/03 QC Batch: 050503W1 Prepared: 05/06/03 %Solids:

Instrument: 9001

Sample Size: 5 ml

Units: ug/L

Number of analytes: 34

Benzene Bromodichloromethane Bromoform	<20. <20. <200. <200.	U U	PQL 20. 20.	20 20	Analyzed Notes 05/06/03
	<200.	-	20.	20	
Bromoform		T İ		20	05/06/03
	<200.	~	200.	20	05/06/03
Bromomethane		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.	Ū	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.	Ŭ	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.	Ŭ	20.	20	05/06/03
Tetrachloroethylene	<20.	U	20.	20	05/06/03
Toluene	<20.	Ū	20.	20	05/06/03
1,1,1-Trichloroethane	<20.	Ū	20.	20	05/06/03
1,1,2-Trichloroethane	<20.	Ü	20.	20	05/06/03

B - Analyte detected above the PQL in the associated Prep Blank.

Authorized: Norika Sontuce Date: May 7, 2003

- Outside control limits. U - Undetected at the reported level. J - Reported value is estimated. D - Result is diluted.

Monika Santucci

E - Concentration exceeded the calibration range and is estimated.

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 Prepared:

OC Batch: 050503W1

05/06/03 %Solids:

Sample Size: 5 ml

Parameter	Result	Qual	PQL	Dil	Analyzed Notes
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

			₹R
Surrogate	₹R	Qual	Limits
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.

Monika Santucci

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

05/01/03 Collected:

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.	Ü	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.	Ŭ	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.	Ŭ	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: Nowton Sonline Date: May 7, 2003

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

05/01/03 Collected:

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

			₹R
Surrogate	%R	Qual	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.

Date: May 7, 2003

5000 Brittonfield Parkway
East Syracuse, New York 13057

Chain of Custody:

East Syracuse, New York (315) 437-0200

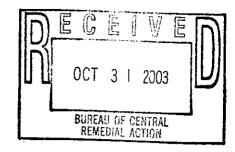
Client: O'BRIENS GERG 11	NC.								An	alysis	/Meth	od	
Project: Accorate Die (us Ti	пд						7		7	7	/	
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MW - 11	*	1245	#	₩	*								
MW-14	5/1/03	1310	wated	Soul	2	•				<u></u>		<u> </u>	
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Routine

Comments: QCTB rec'D'S rake Qued - not on COC 8PW 511/0





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.



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.



		Monitoring Red	quirements		Effluent	Effluent	Effluent	Effluent
Analyte (units)	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	20	2/Week	Grab	6.90	7.44	7.23	7.03
Residue, non-filterable (mg/L) Total dissolved solids (TDS) (mg/L)	Monitor Monitor	20 Monitor	Weekly Weekly	3-hr comp. 3-hr comp.			5.0 U 640	
Mercury, total (mg/L) Zinc, total (mg/L)	Monitor Monitor	0.0008 0.3	Quarterly Quarterly	3-hr comp. 3-hr comp.	-		0.00020 U 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) 1,1,2,2-Tetrachloroethane (ug/L)	Monitor	20 10	2/Month 2/Month	Grab			2.0 U 0.50 U	
Tetrachloroethene (ug/L)	Monitor Monitor	10	2/Month	Grab 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	
	<u> </u>	 ·			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



	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent
Analyte	07/08/2003	07/09/2003	07/10/2003	07/11/2003	07/14/2003	07/15/2003	07/16/2003	07/17/2003
flow (GPD)	13930	13740	13877	13764	13707	13700	13570	13610
H (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
otal dissolved solids (TDS) (mg/L)	<u></u>	 -	630		<u>-0-</u>		<u></u> -	710
fercury, total (mg/L)	_	_	_	_	_			_
inc, total (mg/L)								
is-1,2-Dichloroethene (ug/L)								0.50 U
ans-1,2-Dichloroethene (ug/L)			-					0.50 U
lethylene chloride (ug/L)								2.0 U
.1,2,2-Tetrachloroethane (ug/L)				-				0.50 U
etrachloroethene (ug/L)								0.50 U
otuene (ug/L)							-	0.50 U
richloroethene (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

Page 2 of 8



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) Residue, non-filterable (mg/L)	6.86	6.84	6.85	6.86	6.86 5.0 U	6.86	6.89	6.89
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)	-	<u> </u>	<u>-</u>			_		
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

Page 3 of 8



	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent
Analyte	07/30/2003	07/31/2003	08/01/2003	08/04/2003	08/05/2003	08/06/2003	08/07/2003	08/11/2003
Flow (GPD)	13377	13030	13190	12973	12950	12820	12940	12830
ьH (SÙ)	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	
Fotal dissolved solids (TDS) (mg/L)	-		350		_		750	
Mercury, total (mg/L)							_	
Zinc, total (mg/L)						****		
i i i i i i i i i i i i i i i i i i i								
is-1,2-Dichloroethene (ug/L)							0.50 U	
rans-1,2-Dichloroethene (ug/L)							0.50 U	_
Methylene chloride (ug/L)	===						2.0 U	·,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
,1,2,2-Tetrachloroethane (ug/L)					_		0.50 U	
etrachloroethene (ug/L)							0.50 U	
Toluene (ug/L)	—	_			_		0.50 U	_
richloroethene (ug/L)							0.55	
i – v								

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

Page 4 of 8



Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent
08/12/2003	08/13/2003	08/14/2003	08/15/2003	08/18/2003	08/19/2003	08/20/2003	08/25/2003
12837	12690	12820	6602	13208	12750	12725	12488
6.89	6.89	6.86	6.64	6.86	6.86	6:89	6.86
		5.0 U			_	5.0 U	
		590	-			620	
				—			

			***			0.50 U	
<u></u> -						0.50 U	
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						0.50 U	***
		on managaran ang managaran an an darah			r nananara ara ara ara ara ara ara ara a	annamento anticorri con con concerno a concerno	
The state of the s	12837	12837 12690	12837 12690 12820 6.89 6.89 6.86 5.0 U	12837 12690 12820 6602 6:89 6:89 6:86 6:64 5.0 U	12837 12690 12820 6602 13208 6.89 6.89 6.86 6.64 6.86 5.0 U	12837 12690 12820 6602 13208 12750 6.89 6.89 6.86 6.64 6.86 6.86 5.0 U	12837 12690 12820 6602 13208 12750 12725 6.89 6.89 6.86 6.64 6.86 6.86 6.89 5.0 U 5.0 U 590 620 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

Page 5 of 8



	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent
Analyte	08/26/2003	08/27/2003	08/29/2003	09/02/2003	09/03/2003	09/04/2003	09/05/2003	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	===	tannat nancantarantanta Manki Milati Milati Milati
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)					<u></u>	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

Page 6 of 8



	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent
Analyte	09/09/2003	09/10/2003	09/11/2003	09/12/2003	09/15/2003	09/16/2003	09/17/2003	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	
Fotal dissolved solids (FDS) (mg/L)			570	<u></u>	<u></u>	<u></u>	620	<u></u>
Mercury, total (mg/L) Zinc, total (mg/L)					-			
in 10 Distance (n. fl.)							0.50 11	
is-1,2-Dichloroethene (ug/L)		 				 to xeo: coccopeox, coc; rucco; succues	0.50 U	
rans-1,2-Dichloroethene (ug/L) Methylene chloride (ug/L)							0.50 U 2.0 U	
,1,2,2-Tetrachloroethane (ug/L)		20 (20 (20 (20 (20 (20 (20 (20 (20 (20 (0.50 U	
Fetrachloroethene (ug/L)		65645656465044080440040040040044004			**************************************		0.50 U	
Foluene (ug/L)							0.50 U	
Frichloroethene (ug/L)			**************************************				0.50 U	
` 5 _/								

NOTES: (1) Minin

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

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

U - Not Detected, J - Estimated



	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent
Analyte	09/22/2003	09/23/2003	09/24/2003	09/25/2003	09/26/2003	09/29/2003	09/30/2003	10/02/2003
Flow (GPD)	10023	9950	9957	9720	9610	9600	9400	
oH (SU)	6.86	6.84	6.84	6:86	6.86	6.84	6.86	
lesidue, non-filterable (mg/L)				5.0 U				5.0 U
otal dissolved solids (TDS) (mg/L)				600				540
fercury, total (mg/L)			<u></u>	<u></u>	<u>—</u>			0,00020 U
inc, total (mg/L)								0.010 U
s-1,2-Dichloroethene (ug/L)							_	0.50 U
ans-1,2-Dichloroethene (ug/L)					_			0.50 U
Acthylene chloride (ug/L)						_		2.0 U
,1,2,2-Tetrachloroethane (ug/L)				-	-			0.50 U
etrachloroethene (ug/L)								0.50 U
oluene (ug/L)				<u></u> -				0.50 U
richloroethene (ug/L)	en 1900-en 190			**************************************		**************************************		0.50
i E //								

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

Analytical Results Wet Chemistry

Client: O'Brien & Gere Inc. of North America Project: Former Accurate Die - Fayetteville, NY Job No.: 3027, 001, 11102 Certification NY No.: 10155

Proj. Desc:

Collected: 06/26/03

Package#: 5747 Sample: A7601

Received: 06/26/03 12:00

Samp. Description: WTP Effluent

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	Ü	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.

Date: July 10, 2003

Monika Santucci

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

Cariana Seremaberatanes Mc.

5000 Billonfleta Parkway



Chan Of Carlod

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

Client: OGINA						Analysis/Method						od	
Project: Former Accurate la	Tie CA	15 X						7		7	7	7	777
Sampled by: Richard MEL	gushli	<u>, </u>				579	17	/4	/	/ ,	/ ,	/ ,	/ / /
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Sample Dec	cription)				/	(5)	$\gamma_{/}$	//	//	//	//	//
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Rollingulated by: Yeiler GM Lory in	Di	ole:	Time	12.00	Received	by:					Dat	le:	Time:
Relinquished by:	. Date: Time: Recel		Received						Dat		Time:		
Relinquished by:	De	ale:	Time	:	Received	by Leb:	: Lau	sil.	illor) 	Dal	1 0 : 6/2	26/03 Time. 12:00
Shipment Method:					Airbill Nu	mber:				•			
Turnaround Time Required:	Comments:					•	-						

Cooler Temperature: 2°C

Rush (Specify)

Original Laboratory Copy Client

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

07/03/03 Collected:

Matrix: Water

Received: 07/03/03 Prepared: 07/07/03

QC Batch: 070703W1

%Solids:

Sample Size: 5 ml

Parameter	Result	Qual	PQL	Dil	Analyzed	Notes
Benzene	<20.	Ū	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.	υ	200.	20	07/07/03	
1,1-Dichloroethane	<20.	υ	20.	20	07/07/03	
1,2-Dichloroethane	<20.	υ	20.	20	07/07/03	
1,1-Dichloroethylene	<20.	U	20.	20	07/07/03	
cis-1,2-Dichloroethylene	<20.	Ū	20.	20	07/07/03	
trans-1,2-Dichloroethylene	<20.	U	20.	20	07/07/03	
Dichloromethane	<20.	Ū	20.	20	07/07/03	
1,2-Dichloropropane	<20.	Ū	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.	Ū	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.	Ü	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:

Date: July 8, 2003

Monika Santucci

Morita Sontucci

Analytical Results Method: 8021

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

34

Certification NY No.: 10155

Job No.: 3027, 001.11102

Proj. Desc:

Package#: 5817 Sample: A7991

Collected:

07/03/03

Matrix: Water

Sample Description: WTP Influent-Grab

Received:

Instrument: 9001 07/03/03

QC Batch: 070703W1

Number of analytes:

Prepared: 07/07/03

%Solids:

Units: ug/L

Sample Size: 5 ml

Parameter	Dogula	01	DOT	D. I	31
Parameter	Result	Qual	PQL	DIT	Analyzed Notes
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

			₹R
Surrogate	%R	Qual	Limits
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.

Morita Sontucci Authorized: Date: July 8, 2003

Monika Santucci

Analytical Results Method: 8021

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

Job No.: 3027.001.11102 Certification NY No.: 10155

Proj. Desc:

Package#: 5817 Sample: A7992

Collected: 07/03/03 Matrix: Water

07/03/03

Received:

Sample Description: WTP In Between GAC's - Grab

QC Batch: 070703W1

Instrument: 9001

Prepared: 07/08/03 %Solids:

Units: ug/L

Sample Size: 5 ml

Number of analytes: 34

Parameter	Result	Qual	PQL	Dil	Analyzed Notes
Benzene	<1.	Ū	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.	Ū	10.	1	07/08/03
Chloroform	<1.	U	1.	1	07/08/03
Chloromethane ,	<10.	Ŭ	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.	Ū	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.	Ū	1.	1	07/08/03
1,2-Dichloropropane	<1.	Ū	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.	Ü	1.	1	07/08/03
Tetrachloroethylene	<1.	Ū	1.	1	07/08/03
Toluene	<1.	ט	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: North Fartures

Date: July 8, 2003 Monika Santucci

Analytical Results Method: 8021

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

34

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

Proj. Desc:

Package#: 5817

Collected:

07/03/03

Matrix: Water

Sample: A7992

Sample Description: WTP In Between GAC's - Grab

Received: 07/03/03 QC Batch: 070703W1

Instrument: 9001

Prepared: 07/08/03

%Solids:

Sample Size: 5 ml

Units: ug/L Number of analytes:

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

Surrogate	%R	Qual	%R Limits
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.

Norta Sontucci Authorized: Date: July 8, 2003

Monika Santucci

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

Proj. Desc:

Package#: 5817 Sample: A7993

Sample Description: WTP Effluent-Grab

Instrument: HP5973 GCMS#3

Units: ug/L

Number of analytes: 7

Analytical Results Method: 8260

Job No.: 3027.001.11102 Certification NY No.: 10155

07/03/03 Collected:

Matrix: Water

07/03/03 Received: Prepared: 07/08/03

QC Batch: 070803W3

%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	Ü	.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

			₹R
Surrogate	%R	Qual	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:

a:.

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.

Date: July 10, 2003

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

Analytical Results Trace Metals

Client: O'Brien & Gere Inc. of North America Project: Former Accurate Die - Fayetteville, NY Job No.: 3027 . 001.11102 Certification NY No.: 10155

Proj. Desc: Package#: 5817

Collected: 07/03/03

Matrix: Water

Sample: A7994
Sample Description: WTP Effluent-Comp

Received: 07/03/03

%Solids:

Units: mg/L

Number of engly

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: Norika Santucci

Date: July 20, 2003 Monika Santucci

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	15:00070803W7	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.

Date: July 10, 2003

Monika Santucci

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

o Brien	& G	ere La	abora	tories	s. Inc.
		olo Ei	MNVIU	 	ottiv.

5000 Brittonfield Parkway

Chain of Custody

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

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Client: OGINA .									An	alysis	/Meth	od	11/13/03
Project: Accumpte Die CASA	<u></u>						-	/		7	7	7	
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Client Contact: Al FARRE!		Ph	one#	231	6	581 ¹					5/	*\/	£ /
Sample De	scription)				/	15/	100/	\ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	15/10	> \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	<u></u>	<u> </u>	<u> </u>		5)		<u> </u>	Comments
WIP Influent	7/3/03	10000	WATCH	GRAB	2	2							
WIP IN Between GAC'S	7/3/03	0:00	WATO	GRAB	2_		2						
WTP Effluent	7/3/03		WATER	GNAB	2			2		<u> </u>			
WTP Effluent	7/3/03	10:00	WATES	COMP		<u> </u>	<u> </u>		1				
WIP Effluent	7/3/03	0010	WATER	Conp						1			
WTP Effluent		10:00	Whoten	Comp)					 	1		
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Turnaround Time Required: /								
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Rush (Specify)								
	- ^							
Cooler Temperature	35							

Analytical Results Trace Metals

Client: O'Brien & Gere Inc. of North America Project: Former Accurate Die - Fayetteville, NY Job No.: 3027.001.11102

Proj. Desc:

Certification NY No.: 10155

Package#: 5828 Sample: A8023

Collected: 07/08/03

Matrix: Water

Sample Description: WTP Influent

Received: 07/08/03

%Solids:

Units: mg/L

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.

Morita Sontuces Authorized:

Date: July 22, 2003 Monika Santucci

Brief & Cerc aboratories, inc.



East Syracuse, New York . 13057

(315) 437-0200

Client: OGINA	Client: OGINA							Analysis/Method						
Project: Accumpte Die Cas	1									7	7		777	
Sampled by: Richano McL	gus hi	<u> </u>				58	vo,		/ ,	/ ,	/ ,	/ ,	/ / /	
Client Contact: A Farrel	<u> </u>	Ph_	one#	231	16	5								
Sample Dec	cription)				/	/ \\	/ /	/ /	/ /	/ /	/ /		
Sample Location	Date Collected	Time Collected	Sample Mairbs	Comp. or Grab	No. of Containers		<u>Y</u>		\angle	\angle	\angle	\angle	Comments	
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Turnaround Time Required: C	omments:													

Turnaround Time Requ	Commen			
Routine	. –			
Rush (Specify)_				
Cooler Temperature:	3.8°c			

Cooler Temperature:

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	15:30071103W6	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: Nos. to Santucci

Date: July 24, 2003 Monika Santucci

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

Brist 8 er La Fra Free no. 5000 pintonfeit Parkway

Chain of Custouy

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

Client: Analysis/Method OGINA formen Accurate Die Cast Prolect: Sampled by: **Client Contact:** Phone # 23/6 **Sample Description** No. of Time Samole Comp. Sample Location Comments Matrix or Grab Contelners Collected Collected LUTP Effluent 7/10/03 12:00 UJATER Com Rollinguished by: The Jan Man 8/6 Dala: Time: Time:/2.20 Received by: 1 Dale: 7 Relinguished by: Date: Time: Date: Time: Received by: Received by Leb Farmaral Receive Dale: 7/10/03 Time. 12:20 Relinquished by: Date: Time: Shipment Method: Airbill Number: Turnaround Time Required: Comments: Routine

2.2°C **Cooler Temperature:**

Rush (Specify)

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

Analytical Results Method: 8260

Job No.: 3027.001.11102 Certification NY No.: 10155

Collected:

07/17/03

Matrix: Water

Received: 07/1 Prepared: 07/2

07/17/03 07/24/03 QC Batch: 072303W6

%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	۰,5	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

			₹R
Surrogate	%R	Qual_	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.

Monika Santucci

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 s	solids	710.		mg/L	EPA 160.1	10.	07/23/03	072303W26	1	
Total suspended s	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: North Sonline Date: August 5, 2003

Monika Santucci

Britin & Gere Laboratories, inc.

5000 Brittonfield Parkway

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hain of Custody

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

Client: OGINA	· ·					Analysis/Method							
Project: Formen Accurat	e Die Co	954					1	/	/	7	7	7	777
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Client Contact: Al Fannell	<u>,</u>	Ph	one # ¿	231	6),		s/	81				
	Description					/		19/2	//	/ /	//	//	
Sample Location	Date Collected	Time Collected	Sample Mairbi	Comp. or Grab	No. of Containers		<u>Z</u>	<u>Y</u>	\angle	\angle	<u>L</u> .		Comments
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Turnaround Time Required: Routine Rush (Specify)	Comments:		٠,			٠	•				-		

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 Units Method PQLAnalyzed QC Batch Dil Note Total dissolved solids 600. mg/L EPA 160.1 10. 07/29/03 072903W16 Total suspended solids <5.0 U mg/L EPA 160.2 07/25/03 072503W25 5.0 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: / Kowko Santucci

Date: August 12, 2003 Monika Santucci

Carrent & Cere Laboratories, Inc.

5000 Brittonfield Parkway

Chain of Custody

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

Client: OGINH								An	Analysis/Method	Aethod		
Project: Accurage Die Cast	1 (K	Forms	/R									
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Shipment Method:					Arbit Number:	ŀ						

Turnaround Time Required: Routine Rush (Specify)_

Comments:

Cooler Temperature:

Original Laboratory Copy Client

Analytical Results Wet Chemistry

Client: O'Brien & Gere Inc. of North America Project: Former Accurate Die - Fayetteville, NY Job No.: 3027.001.11102 Certification NY No.: 10155

Proj. Desc:

Package#: 6046 Sample: A9209

Collected: 08/01/03 10:00 Received: 08/01/03 13:05

Samp. Description: WTP Effluent

Matrix:

Matrix: Water Number of Analytes: 2

Parameter	Result	Q	Units	Method	PQL	Analyzed	QC Batch	Dil	Note
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: Morita Santuce

Date: August 18, 2003 Monika Santucci

5000 Brillonfield Parkway

Chain of Custody

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

Client: OGINA						Analysis/Method							
Project: Former Accurate To Sampled by: Richard McLaugh	Die C	Astin	'G					/		7	7	7	777
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Client Contact: AL Farenell		Ph	one#	2316	,	Q`		5/					
Sample Des	cription					/	/ \\ \\ 5 ³ /)/ /	//	//	//	//	
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Rush (Specify)_	
Cooler Temperature:	2°c

Routine

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

Analytical Results Method: 8260

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

Collected: 08/07/03

3 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	Ü	2	08/11/03
trans-1,2-Dichloroethene	<.50	Ü	.5	08/11/03
cis-1,2-Dichloroethene	<.50	Ü	.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

•			₩R
Surrogate	₹R	Qual	<u>Limits</u>
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.

Date: August 12, 2003

Monika Santucci

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:

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

08/07/03 Collected:

Matrix: Water

Received: 08/07/03 Prepared:

08/21/03

QC Batch: 082103W1

%Solids:

Sample Size: 5 ml

Parameter	Result	Qual	PQL	Dil	Analyzed Notes
Benzene	<1.	Ü	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.	Ū	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.	Ū	10.	1	08/21/03
1,1-Dichloroethane	<1.	Ū	1.	1	08/21/03
1,2-Dichloroethane	<1.	U	1.	1	08/21/03
1,1-Dichloroethylene	<1.	Ū	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.	Ü	1.	1	08/21/03
1,1,2,2-Tetrachloroethane	<1.	Ü	1.	1	08/21/03
Tetrachloroethylene	<1.	U	1.	1	08/21/03
Toluene	<1.	'υ	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: North Sontener Date: August 25, 2003

Monika Santucci

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

08/07/03 Collected:

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

			₹R
Surrogate	%R	Qual	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 Sontuce

Date: August 25, 2003

Monika Santucci

Analytical Results Wet Chemistry

Client: O'Brien & Gere Inc. of North America Project: Former Accurate Die - Fayetteville, NY Job No.: 3027.001.11102 Certification NY No.: 10155

Proj. Desc:

Package#: 6086

Collected: 08/07/03

Sample: A9405

Received: 08/07/03 13:30

Samp. Description: WTP Effluent-Comp

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: Norika Sonluce

Date: August 20, 2003 Monika Santucci

Carion & Cord Lationatones, Inc.

Chain of Custody

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

Client: OG/NA								1	nalysi	Analysis/Method			
Project: Former Accuents	غده	Castinis	م نع									///	
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Tumeround Time Required: Routine Rush (Specify)

Comments:

7°C Multiced Cooler Temperature:_

Original Laboratory Cony Client

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

Parameter	Result	Q	Units	Method	PQL	Analyzed	QC Batch	Dil	Note
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: Noriko Sortucci

Date: August 28, 2003 Monika Santucci

5000 Brittonfield Parkway

Chain of Custody

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

Client: OGINA		•							An	alysis	/Meth	od	
Project: Formen Accurate Sampled by: Richman McLas	Oic ush ba	CASO	Ling			101	7			7	7	/	
Client Contact: Al Fannell	7	Ph	one#	23/0	6	W'		/50					
Sample Des	cription				, , , , , , , , , , , , , , , , , , , 		(5)	Ÿ/		//	//	//	
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Cooler Temperature: 3.4°c welliced

Routine______Rush (Specify)

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

HP5973 GCMS#3 Instrument:

Units: ug/L

Number of analytes: 7

Analytical Results Method: 8260

Job No.: 3027, 001.11102 Certification NY No.: 10155

Collected:

08/20/03

Matrix: Water

Received: Prepared:

08/20/03

QC Batch: 082103W3

08/21/03 %Solids:

Sample Size: 10 mL

Dilution: 1

Parameter	Result	Qual	PQL	Analyzed Notes
Methylene chloride	<2.0	Ū	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	υ	.5	08/21/03
Tetrachloroethene	<.50	U	.5	08/21/03
1,1,2,2-Tetrachloroethane	<.50	U	.5	08/21/03

			₹R
Surrogate	%R_	Qual	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.

Date: August 22, 2003

Monika Santucci

Analytical Results Wet Chemistry

Certification NY No.: 10155

3027.001.11102

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

Proj. Desc:

Package#: 6163

Samp. Description: WTP Effluent-Comp

Sample: A9785

Collected: 08/20/03

Received: 08/20/03 11:30

Matrix: Water

Number of Analytes:	2

Job No.:

Parameter	Result	_ (Q Units	Method	PQL	Analyzed	QC Batch	Dil	Note
Total dissolved solids	620.		mg/L	EPA 160.1	10.	08/26/03	12:30082603W26	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:

Date: September 3, 2003 Monika Santucci

Christ & Gere Laboratories, Thc.

5000 Brillonfield Parkway

Chain of Custody

East Syracuse, New York 13057

(315) 437-0200

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Sampled by: Richard MSLAUSHIL	1950	٠,				(C)	0	`.			\	\ \ \	
Cilent Contact: Al Farenell	,		Phone #	2316		9	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	\ \ \``			<u> </u>		
Sample Description	cription						1/2/2/						
Sample Location	Date Time Collected Collected	Time	Semple Matria	Comp. or Grab	No. of Containers	\	シ ン	,				Comments	
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Relinquished by:	Ō	Dale:	Tkme:		Received by Lab:	by Leb:C	O HE	100 X	U		Date: 6/6	Date: 6/60/63 Time. 1.30	in
Shipment Method:					Arbii Number:	aber:							
													i

Turnaround Time Required:

Comments:

Routine Rush (Specify)_

4°C Wellised Cooler Temperature:__

Original Laboratory Copy Client

Analytical Results Wet Chemistry

Client: O'Brien & Gere Inc. of North America Project: Former Accurate Die - Fayetteville, NY Job No.: 3027. 001.11102 Certification NY No.: 10155

Proj. Desc:

Package#: 6206 Sample: A9999

Collected:

08/27/03

Matrix: Water

Samp. Description: WTP EFFLUENT

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	

100

Notes:

J-Estimated value

Authorized: Norika Sonlucei

Date: September 9, 2003 Monika Santucci

5000 Brittonfield Parkway

Chain of Custody

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

Client: OGINA			<u>3</u>						An	alysis	/Metho	od	
Project: Former Accurate I Sampled by: Richard McLaug	ie Cr	954					201	Q/	/	7	7	7	///
Client Contact: A/ FARRE!	nu~	Ph	one#	2310	<u>,</u>	Û	J.	107/	//		//	//	
	cription					/	[5] [5]			//	//	//	
Sample Location	Date Collected		Sample Matrix	Comp. or Grab	No. of Containers		<u>//</u>				\angle		Comments
WTP Esfluent	8/21/03	101:00	Water	Comp	/	1							
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Shipmeni Method:					Alrbiii Nu	mber:							
Turnaround Time Required: / C	omments:	:			<u>. </u>								,

Rush (Specify)	
Cooler Temperature: Q. 4°C	welliced

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

Analytical Results Method: 8260

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

Collected: 09/04/03

Received:

09/04/03

Matrix: Water

QC Batch: 090803W2

Prepared: 09/08/03 %Solids:

Sample Size: 25 mL

Dilution: 1

Parameter	Result	Oual	POL	Analyzed Notes
Methylene chloride	<2.0	Ū	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	Ū	.50	09/08/03

Surrogate	%R	%R Oual 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: North Salues

Date: September 9, 2003 Monika Santucci

Analytical Results Method: 8021

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

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

Proj. Desc:

Package#: 6256 Sample: B0267

09/04/03 Matrix: Water Collected:

Sample Description: WTP IN-BETWEEN

Received: 09/04/03 QC Batch: 091503W1 Prepared: 09/15/03

Instrument: HP5890-4 %Solids:

Units: ug/L

Sample Size: 5 ml

Number of analytes: 34

Parameter	Result	Qual	PQL	Dil	Analyzed	Notes
Benzene	<1.	Ū	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.	Ū	1.	1	09/15/03	
Chloromethane	<10.	Ū	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.	Ū	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.

Authorized: Morika Sarlucei Date: September 16, 2003

Monika Santucci

J - Reported value is estimated. D - Result is diluted.

E - Concentration exceeded the calibration range and is estimated.

Analytical Results Method: 8021

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

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

09/04/03 Collected:

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

			₹R
Surrogate	%R	Qual	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:

Date: September 16, 2003

Monika Santucci

Morita Sontuce

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

Paramete:	r		Result	Q	Units		Method	PQL	Analyzed	QC Batch	Dil	Note
Total dis	solved	solids	550.		mg/L	_	EPA 160.1	10.	09/09/03	090903W6	1	
Total susp	pended	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: Norika Sanducen

Date: September 19, 2003 Monika Santucci

Brist & Gere Laboratories, inc.

5000 Brittonfield Parkway

Chain of Custody

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

Client: OGINA .						Analysis/Method							
Project: Former Accurate D Sampled by: Richard MELAU	Pie Ca	sting				Q	6 Q	/	/5		7	/	<i>777</i>
Client Contact: A Fannell	Y LIVY	Ph	one#2	316		6		(Q ⁵ /	100/	(;5/ 6/			
Sample Des)	_ 		Na. of	1	/S>/	12 / 2 / 2 / 2 / 2 / 2 / 2 / 2 / 2 / 2 /	3)		/./	//	
Sample Location	Date Collected	Time Collected	Bample Matrix		Containers	_	Ζ_		<u>Z</u>	<u> </u>			Comments
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WTP ESHluent		12:00			2	<u> </u>	2					 -	
WTP IN-Between	9/4/03	12:00	WATCIL	GAAB	2	 		2	ļ	 	 -	 -	
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Shipment Method:					Airbill Nu	mber:	7					7	
Townson of The Bourlands (<u></u>

Tumeround Time Require	ilred:	Comment	B:
Rush (Specify)_			
Gooler Temperature:	4°C	Welliceo	

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 s	olids	570.		mg/L	EPA 160.1	10.	09/12/03	091203W8	1	
Total suspended s	olids	<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: Norika Sonlucei

Date: September 22, 2003 Monika Santucci

Britis & Control at the attraction of the state of the st

East Syracuse, New York 13057 3500 prinonflere Parkway

Cmain of custour

(315) 437-0200

Client: $OG/\mathcal{M}/A$								An	Analysis/Method	Aethod	
Project: Lower Accusate Die Cast	Die (ASF				-					
1311 Out	1450A	1,00		!			\			\	\ \ \
Client Contact: Al Fra RRC11		<u> </u>	hone #	2316						\	\ \ \
Sample Description	scription					13					6304
Semple Location	Collected by Details	Date Time Collected Collected	Sample Matrix	Comp. or Grab	No. of Containers	<u> </u>				<u> </u>	Comments
WTO ESFLENT	9/11/63	10:00		+	_	-	_				
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Refriquence by:	ă	Dete:	Time:		Received by:	by:		7	_	Dete:	Time:
Relinquished by:	D	Date:	Time		Received by Lab	by Left		A CX		(Kapa)	1/03 Thme 1/3
Bhlpment Method:					Altbill Number:	ıber:					

Turnaround Time Required:

Comments:

Routine Rush (Specify)

Cooler Temperature: 3°C Welliced

Original Laboratory Copy Client

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

Proj. Desc:

Package#: 6351 Sample: B0629

Sample Description: WTP Effluent - Grab

Instrument: HP5973 GCMS#3

Units: ug/L

Number of analytes: 7

Analytical Results Method: 8260

Job No.: 3027, 001.11102 Certification NY No.: 10155

09/17/03 Collected:

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	Ū	2.0	09/18/03
trans-1,2-Dichloroethene	<.50	Ū	.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

			₹R
Surrogate	₽R	Qual	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.

Date: September 19, 2003 Monika Santucci

Analytical Results Wet Chemistry

Client: O'Brien & Gere Inc. of North America Project: Former Accurate Die - Fayetteville, NY Job No.: 3027.001.11102 Certification NY No.: 10155

Proj. Desc:

Collected: 09/17/03

Package#: 6351 Sample: B0628

Received: 09/17/03 10:35

Samp. Description: WTP Effluent - Comp

Matrix: Water

Number of Analytes: 2

Parameter	Result	Q	Units	Method	PQL	Analyzed	QC Batch	Dil	Note
Total dissolved soli	ds 620.		mg/L	EPA 160.1	10.	09/19/03	091903W1	1	
Total suspended soli	ds <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 Sonthera

Date: September 29, 2003 Monika Santucci

Carien & Gere Laboratones, Inc.

5000 Brittonfield Parkway

Chain of Custody East Syracuse, New York 13057 (315) 437-0200

Client: OGINA	•							Analysis/Method	Method	
Project: Farmer Accurate Die Cost	Cost			i						
Sampled by: Richman M. Louchlin	11.	:			:		/	0.	\	\ \ \
Client Contact: Al Fazzell		Phc	Phone # 2	316		\			\ \	\
Sample Description	scription					555				(43E)
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ulrad:	Comments:	Ne	otife	X 3	At Jan	mell	0.18 1.0	Samp	andix	that the
Hush (Specify)	, ,		3	4 10	r 38	Men	inta,	(3)		-
Cooler Temperature: // C WL 1/ 1 C	7	5)	Original Labor	Original Laboratory Copy Client

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: Morita Sanlucci

Date: October 8, 2003 Monika Santucci

5000 Brittonfield Parkway

Chain of Custody

Yol	
New	
Syracuse,	437-0200
East	(316)

Client: OGINIA								_	Analysis	Analysis/Method		
Propod: Former Account Die Cost	le Cas	7							/		//	
Sampled by: Richard Margallic	appr						く		\	\ \	\	\
Cilent Contact: A1 Forese 11	,	Ph	Phone #	23/6		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	1.00	<i>\</i>	<u> </u>		\	\
Sample Description	scription						100					
Sample Location	Co Do	Time	Sample Matria	Comp.	No. of Contehens	<)	\ }\			\ \	Con	Comments
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umeround	

Comments:

Cooler Temperature:

Original Laboratory Copy Client

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

Proj. Desc:

Package#: 6472 Sample: B1331

Sample Description: WTP EFFLUENT-GRAB

HP5973 GCMS#3 Instrument:

Units: ug/L

Number of analytes: 7

Analytical Results Method: 8260

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	Ū	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	Ū	.50	10/07/03
Toluene	<.50	U	.50	10/07/03
Tetrachloroethene	<.50	U	.50	10/07/03
1,1,2,2-Tetrachloroethane	<.50	Ū	.50	10/07/03

			%R
Surrogate		Qual	<u>Limits</u>
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 POL 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.

Date: October 8, 2003

Monika Santucci

Analytical Results Method: 8021

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

Proj. Desc:

Package#: 6472

B1332 Sample:

Received: QC Batch: 101303W1 Sample Description: WTP INFLUENT-GRAB Prepared:

Instrument: 9001

Units: ug/L

Number of analytes:

10/02/03 Collected: Matrix: Water

10/02/03

10/13/03 %Solids:

Job No.: 3027.001.11102

Certification NY No.: 10155

Sample Size: 5 ml

Parameter	Result	Qual	PQL	Dil	Analyzed Notes
Benzene	<20.	Ū	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.	Ū	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.

Monta Sontuce Authorized:

Date: October 20, 2003 Monika Santucci

Analytical Results Method: 8021

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

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

Proj. Desc:

Package#: 6472

10/02/03 Collected:

Matrix: Water

Sample: B1332

Received:

10/02/03

QC Batch: 101303W1

Prepared: 10/13/03

%Solids:

Sample Size: 5 ml

Sample Description: WTP INFLUENT-GRAB 9001 Instrument:

Units: ug/L

Number of analytes: 34

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

			%R
Surrogate	₹R	Qual	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: Norita Sonluca Date: October 20, 2003

Monika Santucci

Analytical Results Method: 8021

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

Proj. Desc:

Package#: 6472 Sample: B1333

Sample Description: WTP IN BETWEEN-GRAB

9001 Instrument:

Units: ug/L

Number of analytes:

Job No.: 3027.001.11102 Certification NY No.: 10155

Collected:

10/02/03

Matrix: Water

Received: 10/02/03 Prepared: 10/13/03

QC Batch: 101303W1 %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.	Ū	5.	1	10/13/03
Dichlorodifluoromethane	<10.	Ü	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	ı.	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.

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

Received:

10/02/03 Matrix: Water

10/02/03

QC Batch: 101303W1

Prepared: 10/13/03 %Solids:

7050nus.

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

Summanaha	9.D	01	%R
Surrogate		Qual_	<u>Limits</u>
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 Job No.: 3027.001.11102 Certification NY No.: 10155

Proj. Desc: Package#: 6472

Collected: 10/02/03

Matrix: Water

Sample: B1334 Sample Description: WTP EFFLUENT-COMP

Received: 10/02/03

%Solids:

Units: mg/L

Number of analytes: 2

Parameter	Result	Q	Method	PQL	Prepared	Analyzed	QC Batch	Dil	Note
Mercury	<.00020	Ū	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: Nowton San 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 Job No.: 3027.001.11102 Certification NY No.: 10155

Proj. Desc: Package#: 6472

Collected: 10/02/03

Matrix: Water

Sample: B1335
Sample Description: WTP INFLUENT-COMP

Received: 10/02/03

%Solids:

Units: mg/L

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 Korka Farluce
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 Job No.: 3027.001.11102 Certification NY No.: 10155

Proj. Desc:

Package#: 6472

Collected: 10/02/03

Sample: B1330

Received: 10/02/03 11:00

Samp. Description: WTP EFFLUENT-COMP

Matrix: Water Number of Analytes: 2

Parameter	Rest	ılt	Q	Units	Me	thod	PQL	Analyzed	QC	Batch	Dil	Note
Total dissolved so	olids 54	0.		mg/L	EPA	160.1	10.	10/06/03	10	0603W2	1	
Total suspended so	olids <5	.o U		mg/L	EPA	160.2	5.0	10/07/03	10	0703W1	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: Norika Sonlucei

Date: October 8, 2003

Monika Santucci

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

U'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway

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Chain of Custody

East Syracuse, New York 13057 (315) 437-0200 Client: DGINA Analysis/Method Prolect: counte Die Cost ORMER 104 Sampled by: 40V) 807) Phone # 2316 Client Contact: 1003 **Sample Description** Date Time Samole Сопр. No. of **Sample Location** Comments or Grab Containers Collected Matrix Collected Effluent 10:00 WATE Come

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Comments:

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Airbill Number:

Cooler Temperature: 4.8°C

Shipment Method:

Tumaround Time Required:

Rush (Specify)

Rouline

Original Laboratory Cony Client



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 Serviçes, Inc.

Gregory Salata, Ph.D.

Project Chemist

GS/jeb

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.

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.
- 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 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: Project: O'Brien & Gere Engineers, Inc. Former Accurate Die Casting/32616

Service Request No.: Date Received:

K2307673 10/3/03

Sample Matrix:

Water

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 HIGHE THE

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

Units: ng/L Basis: NA

Test Notes:

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 Method Blank	K2307673-002 K2307673-MB	1.0 1.0	1 1	10/6/03 10/6/03	10/7/03 10/7/03	ND ND	

Date: 10/10/03 000005 Approved By: _ IA/052595

07673ICP.EA1 - Sample 10/10/03

Page No.:



CHAIN OF CUSTODY

SR#: K 2307673

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Columbia Analytical Services, Inc. General Terms and Conditions

Laboratory Services • 1-800-695-7222

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

- 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

Were custody seals on outside of cooler? If yes, how many and work? Were seals intact and status and the cooler? Is the shipper's airbill available and filed? If no, record airbill number: COC # Temperature of cooler(s) upon receipt: Temperature Blank: Were custody papers properly filled out (ink, signed, etc.)? Type of packing material present Did all bottles arrive in good condition (unbroken)? Were all bottle labels complete (i.e. analysis, preservation, etc.)? Did all bottle labels and tags agree with custody papers? Were the correct types of bottles used for the tests indicated? Were all of the preserved bottles received at the lab with the appropriate pH? Were VOA vials checked for absence of air bubbles, and if present, noted below? Did the bottles originate from CAS/K or a branch laboratory? Are CWA Microbiology samples received with > ½ the 24 hr. hold time remaining from collection? Was CI2/Res negative? In any discrepancies: LUTION: Se that required preservation or received out of temperature: ARMAR Vacado Arts Sample State of State o		Client 9017 ecceived on $10/3$	and opened of	m 10/3/	δ3 _{bv}	KC	u.
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