	cepart 1, 73 4057 7005 Cite
	report hw734052.2005. Site management, pdf
	'
•	



March 7, 2005

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



Re: Former Accurate Die Casting Site

Fayetteville, NY

File: 2488/25463 #2

Dear Mr.Grathwol:

This letter presents the status of ground water treatment plant operations for the former Accurate Die Casting site in Fayetteville, New York for the fourth quarter of 2004 (September 30 to December 30). This information is provided as required by the Order on Consent (#A7-0318-94-10). Included are the results of the monitoring activities associated with the SPDES Fact Sheet for the groundwater treatment system.

Operation Status & Activities Completed:

- 1. As of December 30, 2004, a total of 61,015,290 gallons of groundwater has been treated since startup on February 5, 1996. Since September 30, 2004, 1,094,300 gallons of groundwater have been treated; 349,430 gallons from recovery well RW-1, 744,530 gallons from recovery well RW-2, 290 gallons from the sump located outside the northeast corner of the building, and 50 gallons from the groundwater collection trench constructed in the former VOC/PAH/PCB Soils Area.
- O'Brien & Gere performed the sampling activities associated with the SPDES Fact Sheet (#734052).
 The analytical results associated with the SPDES Fact Sheet monitoring activities performed in October, November, and December 2004 are summarized in Table 1. The laboratory analytical data sheets are provided as Attachment A.
- 3. O'Brien & Gere conducted the annual round of ground water level measurements and sampling using passive diffusion bags. Table 2 presents the ground water elevation summary. Ground water was collected from the following monitoring wells: MW-5, MW-9, MW-12, MW-14, MW-15B, MW-16B, MW-17, MW-21, MW-22, MW-24, PZ-1 and PZ-2. The sample from each of the recovery wells listed above was analyzed for VOCs. The laboratory analytical data sheets are provided as Attachment B. Tables 2 and 3 summarize the data.
- 4. The spent carbon in GAC vessel 2 was removed for disposal on January 5, 2005. After replacing the carbon, the valves were configured to plane GAC vessel 1 into lead service and vessel 2 into lag service.



Mr. John C. Grathwol, P.E. March 7, 2005 Page 2

Activities Scheduled:

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

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

Very truly yours,

O'BRIEN & GERE ENGINEERS, INC.

Alfred R. Farrell, P.E. Project Associate

I:\DIV71\PROJECTS\2488\25463\2_CORRES\4qtr2004report.doc

Attachments

cc: James Burke – NYSDEC Region 7

Director, Bureau of Environmental Exposure Investigation – NYSDOH

H. Hamel - NYSDOH

T. Slutzky – The Anderson Company

J. Sutphen – O'Brien & Gere, Office of General Counsel

G. Swenson - O'Brien & Gere Engineers, Inc.

W. Monette - O'Brien & Gere Engineers, Inc.

D. Carnevale – O'Brien & Gere Engineers, Inc.



Monitoring Requirements Effluent Effluent Effluent Effluent Discharge Minimum Limitation Measurement Daily Maximum Frequency(1) Discharge Limitation 10/06/2004 Sample 10/01/2004 10/04/2004 10/05/2004 Analyte (units) Daily Average Type Flow (GPD) Monitor 150000 Continuous Meter 13020 13097 12800 12970 pH (SU) 6.5 - 8.5 2/Week Grab 7.07 7.09 7.09 7.07 Residue, non-filterable (mg/L) 20 3-hr comp. Monitor Weekly Total dissolved solids (TDS) (mg/L) Weekly Monitor Monitor 3-hr comp. Mercury, total (mg/L) 3-hr comp. Monitor 0.0008 Quarterly Zinc, total (mg/L) Monitor 0.3 Quarterly 3-hr comp. cis-1,2-Dichloroethene (ug/L) Monitor 10 2/Month Grab trans-1,2-Dichloroethene (ug/L) Monitor 10 2/Month Grab Methylene chloride (ug/L) Monitor 20 2/Month Grab 1,1,2,2-Tetrachloroethane (ug/L) Monitor 10 2/Month Grab Tetrachloroethene (ug/L) Monitor 10 2/Month Grab Toluene (ug/L) Monitor 20 2/Month Grab Trichloroethene (ug/L) Monitor 10 2/Month Grab

NOTES:

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

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

U - Not Detected, J - Estimated

Page 1 of 8



	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent
Analyte	10/07/2004	10/08/2004	10/11/2004	10/12/2004	10/13/2004	10/14/2004	10/15/2004	10/18/2004
Flow (GPD)	12891	12790	12827	12810	12810	12770	12750	12620
pH (SU)	7.09	7.09	7.11	7:11	7.11	7.11	7.11	7.11
Residue, non-filterable (mg/L)	5.0 U					5.0 U		
Total dissolved solids (TDS) (mg/L)	710	<u></u>				580		
Mercury, total (mg/L)								
Zinc, total (mg/L)								
cis-1,2-Dichloroethene (ug/L)	0.50 U							
trans-1,2-Dichloroethene (ug/L)	0.50 U							
Methylene chloride (ug/L)	2.0 U				*			———
1,1,2,2-Tetrachloroethane (ug/L)	0.50 U							
Tetrachloroethene (ug/L)	0.50 U		The second secon					
Toluene (ug/L)	0.50 U							
Trichloroethene (ug/L)	0.50 U							

NOTES:

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

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

U - Not Detected, J - Estimated

Page 2 of 8



	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent
Analyte	10/19/2004	10/21/2004	10/22/2004	10/25/2004	10/26/2004	10/27/2004	10/28/2004	10/29/2004
Flow (GPD)	12500	12586	12794	12603	12551	12540	12490	12500
pH (SU)	7.11	7.11	7.13	7:13	7:11	7.11	7.11	7.11
Residue, non-filterable (mg/L)			5.0 U				5.0 U	
Total dissolved solids (TDS) (mg/L)			580				590	
Mercury, total (mg/L)						-		
Zinc, total (mg/L)				***				
cis-1,2-Dichloroethene (ug/L)			0.50 U					
trans-1,2-Dichloroethene (ug/L)			0.50 U					
Methylene chloride (ug/L)			2.0 U				**************************************	***
1,1,2,2-Tetrachloroethane (ug/L)		- 	0.50 U		e de la companya del companya de la companya del companya de la co			
Tetrachloroethene (ug/L)			0.50 U	THE TOTAL PROPERTY OF THE PARTY				
Toluene (ug/L)			0.50 U					
Trichloroethene (ug/L)			0.50 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

Page 3 of 8



	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent
Analyte	11/01/2004	11/02/2004	11/03/2004	11/05/2004	11/08/2004	11/09/2004	11/10/2004	11/11/2004
Maryte							-	
Flow (GPD)	12243	12170	12030	12070	13617	11850	11730	11980
pH (SU)	7:11	7.11	7:11	7.11	7.13	7.13	7.13	7.11
Residue, non-filterable (mg/L)				5.0 U				5.0 U
Total dissolved solids (TDS) (mg/L)				620				640
Mercury, total (mg/L)								
Zinc, total (mg/L)						* - *		
cis-1,2-Dichloroethene (ug/L)				0.50 U				
trans-1,2-Dichloroethene (ug/L)				0.50 U				<u></u>
Methylene chloride (ug/L)				2.0 U				
1,1,2,2-Tetrachloroethane (ug/L)				0.50 U				
Tetrachloroethene (ug/L)				0.50 U				
Toluene (ug/L)				0.50 U				
Trichloroethene (ug/L)				0.50 U				

NOTES:

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

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

U - Not Detected, J - Estimated



	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent
Analyte	11/15/2004	11/16/2004	11/17/2004	11/18/2004	11/19/2004	11/23/2004	11/24/2004	11/25/2004
Flow (GPD)	11858	11520	11242	11628	11413	11198	11050	10892
pH:(SU)	7.11	7.11	7.11	7:12	7.11	7.13	7.13	7:13
Residue, non-filterable (mg/L)				5.0 U			5.0 U	
Total dissolved solids (TDS) (mg/L)				640		<u></u>	620	
Mercury, total (mg/L)							una.	
Zinc, total (mg/L)		##************************************						
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				
I,1,2,2-Tetrachloroethane (ug/L)		700		0.50 U				
Fetrachloroethene (ug/L)			unn muun voorstoorstoorskaan (GAM) (AA)	0.50 U	######################################			
Foluene (ug/L)				0.50 U				
Frichloroethene (ug/L)				0.50 U				***
and the second of the second o								

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



Analyte	Effluent 11/29/2004	Effluent 11/30/2004	Effluent 12/01/2004	Effluent 12/02/2004	Effluent 12/03/2004	Effluent 12/06/2004	Effluent 12/07/2004	Effluent 12/08/2004
Flow (GPD) pH (SU) Residue, non-filterable (mg/L)	10892 7:13	10840 7.13	11220 7.13	10920 7.13	11220 7.13 5.0 U	11220 7.13	11160 7:13	11440 7:13
Total dissolved solids (TDS) (mg/L) Mercury, total (mg/L) Zinc, total (mg/L)	==== ====				610 			5-15
cis-1,2-Dichloroethene (ug/L) trans-1,2-Dichloroethene (ug/L) Methylene chloride (ug/L)		 		 	0.50 U 0.50 U 2.0 U		 	
l,1,2,2-Tetrachloroethane (ug/L) Tetrachloroethene (ug/L) Toluene (ug/L) Trichloroethene (ug/L)	 	 	 	 	0.50 U 0.50 U 0.50 U 0.50 U	 	 	
NOTES: (1) Minimum monitoring rec		- AL- CDDEC -	-:4					

- --- Not analyzed, NA Data not available
- U Not Detected, J Estimated



Table 1 **Accurate Die Casting Site** Fayetteville, New York

Monitoring Requirements and Effluent Data

Analyte	Effluent 12/21/2004	Effluent 12/22/2004	Effluent 12/23/2004	Effluent 12/27/2004	Effluent 12/28/2004	Effluent 12/29/2004	Effluent 12/30/2004	
Flow (GPD) pH (SU) Residue, non-filterable (mg/L) Total dissolved solids (TDS) (mg/L)	12340 7:16 	12320 7.13 	12260 7.13 5.0 U 590	12290 7.16 	12190 7.16 	12360 7:13 5.0 U 630	12403 7.16 	
Mercury, total (mg/L) Zinc, total (mg/L)			-1. 			1 U 		
cis-1,2-Dichloroethene (ug/L) trans-1,2-Dichloroethene (ug/L) Methylene chloride (ug/L) 1,1,2,2-Tetrachloroethane (ug/L) Tetrachloroethene (ug/L) Toluene (ug/L) Trichloroethene (ug/L)	 	 	 	 	 	 	 	



Former Accurate Die Casting Site Fayetteville, New York

Ground Water Elevation Summary Table

WELL#	Ground Elevation (ft)	Well Casing Elevation (ft)	Screened Interval Elevation (ft)	Ground Water Elevation (ft) 05/28/1992	Ground Water Elevation (ft) 06/26/1992	Ground Water Elevation (ft) 08/07/1992	Ground Water Elevation (ft) 09/26/1994	Ground Water Elevation (ft) 09/27/1994	Ground Water Elevation (ft) 10/18/1994
MW-01	99.36	101.11	75.4 - 85.4	DRY	DRY	79.69			DRY
MW-02	91.80	94.68	76.6 - 86.6	83.21	82.81	84.32	83:10	83.28	80.12
MW-03	97.65	99.63	73.7 - 83.7	80.44	80.09	81.63	AB	AB	AB
MW-04	65.62	68.52	46.6 - 56.6	51.08	49.95	50.81	47.22	52.21	46.79
MW-05	88.21	90.42	49.2 - 59.2	60.71	63.76	61.22	59.87	59.91	59.45
MW-06	77.46	79.38	46.4 ~ 56.4	60.50	60.49	60.46	59.51	59.52	59.05
MW-07 (B)	75.66	78.34	34.3 - 44.3	54.59	54.55	54.47	53.90	53.97	53.55
MW-08	88.21	91.78	53.9 - 63.9	66.38	66.38	66.83	61.59	61.65	60.99
MW-09	102.44	104.03	49.7 - 59.7	60.46	60.51	61.83	59.57	59.59	59.08
MW-10 (B)	97.51	97.27	43.0 - 53.0	61.15	61.99	61.69			56.02
MW-11 (B)	91.48	93.80	43.1 - 53.1	62.34	63.70	63.66	58.41	58.39	57.47
MW-12	93.62	94.14	51.9 - 61.9	62.24	60.74	62.77	59.77	59.79	59.31
MW-13	98.80	98.70	77.7 - 87.7	DRY	80.62	80.92	÷		78.70
MW-14	98.76	100.62	74.6 - 84.6	75.11	79:07	81.54			86.18
MW-15 (B)	96.10	98.90	32.7 - 42.7	NI	NI	NI			53.47
MW-16 (B)	98.50	100.85	50.8 - 60.8	NI	NI	NI			61.67
MW-17	66.90	69.24	53.7 - 63.7	NI	NI	NI	54.61	54.61	54.08
MW-18	76.50	78.29	61.5 - 71.5	NI	NI	NI	NI	NI	NI
MW-19	69.50	71.27	46.5 - 56.5	NI	NI	NI	NI	NI	NI
MW-20	70.98	72.89	51.9 - 61.9	NI	NI	NI	NI	NI	NI
MW-21	69.90	71.87	59.5 - 64.5	NI	NI	NI	NI	NI	NI
MW-22	71.50	73.34	60.9 - 65.9	NI	NI	NI	NI	NI	NI
MW-23 (B)	89.80	91.72	17.3 - 22.3	NI	NI	NI	NI	NI	NI
MW-24				NI	NI	NI	NI	NI	NI
PZ-01	81.80	83.95	49.8 - 59.8	NI	NI	NI	59.56	59.57	59.10
PZ-02	80.60	83.06	42.8 - 52.8	NI	NI	NI	59.35	59.36	58.89
RW-01	78.40	80.28	29.4-39.4 - 45.4-50.4	NI	NI	NI	56.88	56.89	58.22
RW-02 (B)	91.58	95.18	NA - NA	NI	NI	NI	NI	NI	NI
SUMP	NA	97.93	NA - NA	NI	NI	NI	NI	NI	NI

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

MW-13 casing elev. changed 06/06/96. MW-04 and MW-20 were abandoned and replaced by MW-21 and MW-22 on 01/20/97.

Page 1 of 7



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

WELL#	Ground Water Elevation (ft) 11/02/1994	Ground Water Elevation (ft) 11/17/1994	Ground Water Elevation (ft) 11/30/1994	Ground Water Elevation (ft) 12/15/1994	Ground Water Elevation (ft) 12/27/1994	Ground Water Elevation (ft) 01/13/1995	Ground Water Elevation (ft) 01/25/1995	Ground Water Elevation (ft) 02/09/1995	Ground Water Elevation (ft) 02/23/1995
MW-01									
MW-02									
MW-03	AB								
MW-04									
MW-05			·						
MW-06									
MW-07 (B)									
MW-08									
MW-09									
MW-10 (B)	55.07	55.19	54.94	55.19	55.02	54.94	54.95	54.52	54.36
MW-11 (B)	50.01	56.68	55.59	56.63	56.55	55.63	55.63	56.13	55.63
MW-12									
MW-13	82.92	78.21	78.21	80.92	78.34	78.25	77.83	77.84	77.75
MW-14	80.12	80.54	80.54	80.20	80.54	80.62	80.45	78.95	79.54
MW-15 (B)									
MW-16 (B)									
MW-17									
MW-18	NI	NI	NI	NI	NI.	NI	NI	NI	NI
MW-19	NI								
MW-20	NI								
MW-21	NI								
MW-22	NI								
MW-23 (B)	NI								
MW-24	NI								
PZ-01									
PZ-02									
RW-01									
RW-02 (B)	NI								
SUMP	76.04	74.83	75.00	75.17	74.83	75.00	75.00	74.88	75.00

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

MW-13 casing elev. changed 06/06/96. MW-04 and MW-20 were abandoned and replaced by MW-21 and MW-22 on 01/20/97.

Page 2 of 7



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

WELL#	Ground Water Elevation (ft) 03/09/1995	Ground Water Elevation (ft) 04/26/1995	Ground Water Elevation (ft) 07/25/1995	Ground Water Elevation (ft) 10/17/1995	Ground Water Elevation (ft) 02/05/1996	Ground Water Elevation (ft) 02/07/1996	Ground Water Elevation (ft) 02/15/1996	Ground Water Elevation (ft) 02/16/1996	Ground Water Elevation (ft) 02/20/1996
MW-01		DRY	DRY	DRY	77.06	76.64	75.30	DRY	DRY
MW-02		83.28	82.42	84.22	84.04	83.87	83.41	83.34	83.15
MW-03	AB								
MW-04		51:44	45.94	50.05	53,60	52.06	55:39	54.43	52.46
MW-05		60.34	58.78		61.26	61.01	60.80	60.73	60.50
MW-06		60.02	58.52	58.10	60.86	60.44	60.41	60.11	59.80
MW-07 (B)		54.51	53.27	52.71	55.16	54.67	55.03	54.52	54.45
MW-08		63.41	59:82	60.76	66.61	66.40	65.93	65.84	65.47
MW-09		60.10	58.56	58.16	60.95	60.70	60.48	60.35	60.07
MW-10 (B)	55.02	57.49	54:60	54.61	62:00	59.88	62.11	60.42	59.96
MW-11 (B)	56.55	58.86	55.72	55.31	62.63	60.37	62.67	60.88	60.35
MW-12		60.30	58.76	58.35	61:11	60.83	60.65	60.50	60.21
MW-13	77.67	DRY	DRY	DRY	80.00	79.98	79.91	79.90	79.88
MW-14	80.12	80.61	80.61	80.72	79.91	80.02	80.28	80.29	80.35
MW-15 (B)		54.71	51.60	50.47	59.24	59.37	59.79	59.63	59.56
MW-16 (B)		63.86	59.41	58.06	67.14	67.17	66.90	66.79	66.57
MW-17		59.02	57.71	DRY	60.29	60.17	59.75	59.70	59.52
MW-18	NI								
MW-19	NI								
MW-20	NI	NI	NI	NI	NI.	NI	NI	NI	NI
MW-21	NI								
MW-22	NI	NI	NI	NI	ŇI	NI	NI	NI	NI
MW-23 (B)	NI								
MW-24	NI								
PZ-01		60.08	58.58	58.16	60.92	60.61	60.46	60.28	59.99
PZ-02		59.88	58.37	57.97	60.70	60.30	60.26	59.97	59.66
RW-01		59.14	57.60	57.11	59.64	55.04	59.22	54.71	54.40
RW-02 (B)	NI	NI	NI	56.05	63.80	59.98	63:83	60.67	60.09
SUMP	78.00	75.09	75.25	76.94	74.67	74.68	74.64	74.63	74.63

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

MW-13 casing elev. changed 06/06/96. MW-04 and MW-20 were abandoned and replaced by MW-21 and MW-22 on 01/20/97.

Page 3 of 7



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

WELL#	Ground Water Elevation (ft) 02/22/1996	Ground Water Elevation (ft) 02/29/1996	Ground Water Elevation (ft) 03/07/1996	Ground Water Elevation (ft) 03/21/1996	Ground Water Elevation (ft) 04/04/1996	Ground Water Elevation (ft) 04/10/1996	Ground Water Elevation (ft) 04/18/1996	Ground Water Elevation (ft) 05/02/1996	Ground Water Elevation (ft) 06/06/1996
MW-01	DRY	75.36	75.17	77.34	DRY	DRY	DRY	77.73	DRY
MW-02	83.32	83.67	83.50	84.24	83.68	83.68	84.86	85.35	83.17
MW-03	AB								
MW-04	60.37	58.14	55:10	59.26	52.66	54:43	60.28	59.70	51.63
MW-05	60.40	60.14	59.73	58.85	58.32	58.14	58.20	58.71	60.54
MW-06	59.75	59.45	58.96	58.02	57.48	57.28	57.41	58.17	59.91
MW-07 (B)	54.58	54.46	54.32	54.29	54.17	54.15	54.32	54.75	55.02
MW-08	65.42	65.12	64.68	64.76	64.10	63.83	64.08	65.43	67.07
MW-09	60.02	59.71	59.22	58.30	57.78	57.59	57.73	58.46	60.18
MW-10 (B)	59.91	59.64	59.43	59.07	58:81	58.72	58.61	59.72	62.25
MW-11 (B)	60.29	59.99	59.78	59.38	59.10	59.01	58.94	60.35	62.68
MW-12	60.16	59.86	59.37	58.44	57.93	57.74	57.86	58.59	60.33
MW-13	79.87	79.86	79.77	79.68	79.60	79.57	79.52	79.44	79.28
MW-14	80.38	80.44	80.45	80.49	80.52	80:55	78.14	79.29	80.56
MW-15 (B)	59.56	59.46	59.40	59.14	59.07	59.04	58.84	59.87	62.62
MW-16 (B)	66.52	66.39	66.17	65.99	65:99	65.90	65.84	67.02	68.40
MW-17	59.64	59.42	59.28	59.30	59.27	59.14	59.30	59.95	59.22
MW-18	NI	NI	NI	NI	NI	NI .	NI	NI	72.95
MW-19	NI	DRY							
MW-20	NI	DRY							
MW-21	NI								
MW-22	NI								
MW-23 (B)	NI								
MW-24	NI								
PZ-01	59.93	59.63	59.14	58.21	57.67	57.47	57.60	58.34	60.09
PZ-02	59.61	59.33	58.83	57.90	57.39	57.19	57.30	58.04	59.77
RW-01	54.35	54.05	53.58	52.76	52.24	52.03	52.11	52.69	53.82
RW-02 (B)	59.97	59.63	59.41	58.95	58:63	58.52	58.41	59.63	62.56
SUMP	75.30	74.90	74.65	74.87	74.69	74.99	75.89	75.76	74.73

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

MW-13 casing elev. changed 06/06/96. MW-04 and MW-20 were abandoned and replaced by MW-21 and MW-22 on 01/20/97.

Page 4 of 7



Former Accurate Die Casting Site Fayetteville, New York

Table

Ground Water Elevation Summary Table

WELL#	Ground Water Elevation (ft) 07/16/1996	Ground Water Elevation (ft) 09/05/1996	Ground Water Elevation (ft) 10/21/1996	Ground Water Elevation (ft) 11/19/1996	Ground Water Elevation (ft) 01/16/1997	Ground Water Elevation (ft) 02/04/1997	Ground Water Elevation (ft) 04/15/1997	Ground Water Elevation (ft) 07/08/1997	Ground Water Elevation (ft) 10/22/1997
MW-01	DRY	DRY	DRY	76.60	75.15		75.64	DRY	DRY
MW-02	83.32	82.57	83.18	84.22	83.56	!	83.81	83.09	82.84
MW-03	AB								
MW-04	52.45	DRY	55.91	55.91	53.12	1	AB	ΥB	AB
MW-05	58.98	56.33	55.40	56.49	59.15	-	59.83	59.16	58.34
90-MM	58.13	54.95	53.71	55.61	58.39	1	59.34	58.58	57.97
MW-07 (B)	53.95	52.44	51.22	52.68	54.28		54.70	52.93	50.63
MW-08	64.50	59:05	59.56	63.61	64.67	-	65.15	61.65	58.90
MW-09	58.38	55.38	54.24	56.64	58.65		59.60	58.76	58.00
MW-10 (B)	59.11	53.88	51.06	54.95	59.61		58.11	53.44	50.75
MW-11 (B)	59.53	54.72	52.88	55.85	60.15	-	58.59	55.20	52.50
MW-12	58.54	55.48	54.30	56.18	58:81	ŀ	59.72	58.92	58.21
MW-13	79.35	79.15	79.07	89.08	80.49	-	80.33	79.84	79.53
MW-14	80.66	80.59	80.61	80.08	80.59	-	80.53	80.55	80.58
MW-15 (B)	59.24	54.83	51.58	51.99	58.83	1	59.83	56.63	50.48
MW-16 (B)	65.57	63.31	60:09	61.06	66.13	1	68.99	64.43	58.45
MW-17	58.46	57.89	55.96	58.02	59.33	ł	59.64	58.33	DRY
MW-18	72.32	70.81	70:77	73.04	73.31	72.78	73.60	71.34	69.71
MW-19	DRY								
MW-20	50.26	DRY	DRY	DRY	DRY		AB	AB	AB
MW-21	Z	Z	Z	Z	Z	63.69	63.74	63.06	62.93
MW-22	Z	Z	N	IN	N	63.69	67.92	67.35	96:59
MW-23 (B)	Z	Z	Z	īZ	Z	Z	37.71	35.61	32.29
MW-24	Z	Z	N	Ï	N	IX	Z	Z	Z
PZ-01	58.31	55.13	53.90	55.83	58.57	1	59.51	58.70	58.01
PZ-02	57.97	54.90	53.53	55.25	58.23		59.13	58.34	57.65
RW-01	51.94	48.05	41.80	47.33	50.74	;	50.30	43.34	42.03
RW-02 (B)	59.14	51.01	42:02	55.39	60.03		55.69	44.07	42.89
SUMP	74.78	74.56	74.85	74.77	74.71		74.94	75.01	74.75

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

MW-13 casing clev. changed 06/06/96. MW-04 and MW-20 were abandoned and replaced by MW-21 and MW-22 on 01/20/97. Page

4



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

WELL#	Ground Water Elevation (ft) 01/29/1998	Ground Water Elevation (ft) 04/15/1998	Ground Water Elevation (ft) 10/20/1998	Ground Water Elevation (ft) 04/28/1999	Ground Water Elevation (ft) 10/19/1999	Ground Water Elevation (ft) 04/06/2000	Ground Water Elevation (ft) 11/07/2000	Ground Water Elevation (ft) 07/03/2001	Ground Water Elevation (ft) 11/08/2001
MW-01	DRY	DRY	DRY	DRY	DRY	80.92	DRY	77.46	76.87
MW-02	83.47	83.52	83.54	83.38	84.44	86.58	83.06	84.33	83.67
MW-03	AB								
MW-04	AB								
MW-05	60.86	61.05	60.04	59.91	55.35	60.52	59.83	60.92	60.10
MW-06	60.46	60.57	59.69	59.11	53.34	60.36	59.40	55.87	59.67
MW-07 (B)	52.90	53.82	51.76	54.57	51.73	54.87	DRY	53.34	51.92
MW-08	64.98	67:17	59.86	64.21	62.37	66.41	61.45	65.63	60.92
MW-09	60.51	60.56	59.71	59.68	54.25	60.62	59.42	60.51	59.68
MW-10 (B)	55.78	61:08	51.88	57.97	51.32	57.60	52.73	57.22	52.60
MW-11 (B)	56.75	61.73	53.98	58.36	53.31	59.39	54.66	59.15	54.73
MW-12	60.67	60:80	59.89	59.53	54.09	60.71	59.62	60.63	59.87
MW-13	78.87	78.67	78.31	78.08	80.75	80.89	80.53	79.95	80.10
MW-14	80.78	80:78	80.64	80.54	80.67	80:60	80.75	79.74	80.77
MW-15 (B)	56.34	62.10	52.58	58.94	50.95	58.81	54.32	58.98	53.52
MW-16 (B)	65:71	68:03	61.84	65.99	59.81	66.92	63.57	66.14	63.58
MW-17	59.70	59.51	57.93	58.76	57.47	60.28	58.33	58.55	58.02
MW-18	73.50	73:29	70.74	72.46	70.78	75.08	71.61	72.09	71.36
MW-19	DRY								
MW-20	AB	AB	AB	AB	AB	AB.	AB	AB	AB
MW-21	63.82	63.54	63.23	63.31	62.69	64.42	62.59	62.53	62.58
MW-22	68.51	68:39	67.83	68.05	67.69	68.52	66.42	68.13	68.15
MW-23 (B)	34.95	37.95	33.57	36.76	32.48	36.69	33.97	36.21	33.25
MW-24	NI	NI	NI	-7.38*	-10.22*	-9.96*	-10.43*	-10.41*	-10.39*
PZ-01	60.50	60.61	59.70	59.30	[*] 53.65	60.51	59.44	***	59.70
PZ-02	60.22	60.34	59.46	59.03	52.71	60.17	59.16		59.48
RW-01	43.13	32.60	32.36	54.69		50.73	40.88		36.48
RW-02 (B)	52.74	59.94	44.33	56.74		54.52	42.86		42.97
SUMP	74.89	74.96	75.20	75.26		78.49	74.91	75.33	75.05

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

MW-13 casing elev. changed 06/06/96. MW-04 and MW-20 were abandoned and replaced by MW-21 and MW-22 on 01/20/97.

Page 6 of 7



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

WELL#	Ground Water Elevation (ft) 04/03/2002	Ground Water Elevation (ft) 10/09/2002	Ground Water Elevation (ft) 12/28/2004
MW-01	77.42	101.11	76.70
MW-02	84:28	83.60	83.67
MW-03	AB	AB	AB
MW-04	AB	AB	AB
MW-05	60.80	58.42	60.79
MW-06	60:42	59.84	60:35
MW-07 (B)	53.59	52.34	54.11
MW-08	64.16	60.73	63.24
MW-09	60.47	59.85	60.36
MW-10 (B)	56.07	54.57	54.86
MW-11 (B)	57.19	54.77	56.54
MW-12	60:64	60.06	60.54
MW-13	78.65	79.62	83.48
MW-14	80.48	82.87	81.72
MW-15 (B)	59.03	54.40	57.78
MW-16 (B)	66.25	63.50	65:64
MW-17	59.24	57.58	58.91
MW-18	73.75	69:84	72.88
MW-19	DRY	DRY	DRY
MW-20	AB	AB	AB
MW-21	63.39	61.82	62.54
MW-22	68.71	67.24	63:41
MW-23 (B) MW-24	35.68	33.63	36.49
MW-24 PZ-01	-10.35*	-10.30*	-10:33* 60.40
PZ-01 PZ-02	60.45 60:18	59.87 59.65	60.23
RW-01	36.53	39.03 34.88	014600410000400010064000000000000000000
RW-02 (B)	30.53 49.85	34.88 44.13	
SUMP	75.13	74.94	
SOME	73.13	14.54	

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

MW-13 casing elev. changed 06/06/96. MW-04 and MW-20 were abandoned and replaced by MW-21 and MW-22 on 01/20/97.



Former Accurate Die Casting Site Fayetteville, New York

Ground Water Trichloroethylene Concentrations

Date Sampled:	08/1989 TCE	12/1989 TCE	05/1990 TCE	05/1992 TCE	07/1994 TCE	10/1994 TCE	02/1995 TCE	04/1995 TCE	07/1995 TCE
WELL#	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-01	112	ND	2	ND		DRY		DRY	DRY
MW-02	ND	ND	1	ND		ND	ND	ND	ND
MW-03	Product	>55000	440000	340000	AB	AB	AB	AB	AB
MW-04		7	43	6	270	23	13	16	
MW-05		340	344	110	330	410	290	280	
MW-06		700	454	510	390	360	330	280	270
MW-07 (B)		ND	ND	ND	ND	ND	ND	ND	ND
MW-08		ND	ND	ND		ND	ND	ND	ND
MW-09		109	106	60	72	74	74	84	75
MW-10 (B)				4500	1600	1300	1400	1200	900
MW-11 (B)				5200	5500	5300	4300	3900	4000
MW-12				36	44	35	33	30	25
MW-13				110	740	510		DRY	DRY
MW-14				67	150	120	79	95	140
MW-15 (B)				NI		14	11	10	17
MW-16 (B) MW-17				NI NI	260	6	17 200	7	18 160
MW-17	 20707-inger-discours	 Consideration and the second and the		NI NI	260 NI	140 NI	NI	130 NI	NI
MW-19				NI NI	NI	NI NI	NI NI	NI NI	NI NI
MW-20				NI	NI NI	NI NI	NI	NI	NI NI
MW-21				NI	NI	NI	NI	NI	NI
MW-22				NI	NI NI	NI NI	NI	NI	NI
MW-23 (B)									
MW-24	NI 💮	NI	NI NI	NI	NI	NI	NI	NI*	NI
PZ-01									120
PZ-02					777			490	400
RW-01				NI					
RW-02 (B)		- 1-		NI	NI	NI	NI	NI	NI
SUMP	=== ===			NI	NI	NI	~		
						7.800			

NOTES:

ND - Not detected above method detection limit, --- - Not analyzed, NI - Not installed at time of monitoring, AB - Well was abandoned.

MW-01 through MW-16 installed during Remedial Investigation (Stearns & Wheler).

MW-03 removed as part of TCE Soils Interim Remedial Measure (IRM) completed in September 1994. Data was collected by Stearns & Wheler prior to 07/22/94. MW-04 and MW-20 were abandoned and replaced by MW-21 and MW-22 on 01/20/97.

Page 1 of 5



Former Accurate Die Casting Site Fayetteville, New York

Ground Water Trichloroethylene Concentrations

Date Sampled:	10/1995 TCE	01/1996 TCE	04/1996 TCE	05/1996 TCE ug/L	07/1996 TCE ug/L	10/1996 TCE ug/L	01/1997 TCE ug/L	04/1997 TCE ug/L	07/1997 TCE
WELL#	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
MW-01	DRY		DRY		DRY				DRY
MW-02	ND //					∴ ND			
MW-03	AB	AB	AB	AB	AB	AB	AB	AB	AB
MW-04	15					62		AB	AB
MW-05	===					180			
MW-06	180	170	110	<u></u>	98	71	75	52	
MW-07 (B)	ND					ND	**-		
MW-08	ND					ND		() () () ()	
MW-09	68	100	64		65	50	95	83	66
MW-10 (B)	890	900	820	<u></u> :	960	1700	1900	1200	
MW-11 (B)	2600	2500	1500		1400	1600	1500	800	
MW-12	29					17			
MW-13	DRY					370			
MW-14	78	84	250		230	170	390	400	260
MW-15 (B)	7					20			
MW-16 (B)	20		<u></u>			11			
MW-17		180	350		460	300	450	220	150
MW-18	NI	NI	NI	1200		2900	850	410	1800
MW-19	NI	NI	NI		DRY	DRY	DRY	DRY	DRY
MW-20	NI	NI	NI	70		DRY	DRY	AB	AB
MW-21	NI	NI	NI	NI	NI	NI	NI	520	310
MW-22	NI	NI	NI	NI	NI	NI	NI	1	3
MW-23 (B)			*************************************					ND	ND
MW-24 PZ-01	NI	NI 	NI 	NI	NI 	NI 32	NI 	NI 	NI
PZ-02				 	 	540			
RW-01						4			
RW-02 (B)	6.421.98866.			······································	· · · · · · · · · · · · · · · · · · ·	40.4 <u>42</u> 2880			A
SUMP	#. ***	170	180		1000	s≰; () () () () () () () () () () () () ()	320	180	

NOTES: ND - Not detected above method detection limit, --- - Not analyzed, NI - Not installed at time of monitoring, AB - Well was abandoned.

MW-01 through MW-16 installed during Remedial Investigation (Stearns & Wheler).

MW-03 removed as part of TCE Soils Interim Remedial Measure (IRM) completed in September 1994. Data was collected by Stearns & Wheler prior to 07/22/94. MW-04 and MW-20 were abandoned and replaced by MW-21 and MW-22 on 01/20/97.

Page 2 of 5



Former Accurate Die Casting Site Fayetteville, New York

Ground Water Trichloroethylene Concentrations

Date Sampled: WELL #	10/1997 TCE ug/L	01/1998 TCE ug/L	04/1998 TCE ug/L	10/1998 TCE ug/L	11/1998 TCE ug/L	04/1999 TCE ug/L	10/1999 TCE ug/L	04/2000 TCE ug/L	11/2000 TCE ug/L
MW-01	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-02	ND			ND ND			ND.	and the second and th	ND
MW-03	AB	AB	AB	AB	AB	 AB	AB	 AB	AB
MW-04	AB	AB	AB	AB	AB	AB	AB	AB	AB
MW-05	220			200			78		110
MW-06	ND		140	92		63	72	30	48
MW-07 (B)	ND			ND			ND		
MW-08				ND			ND		ND
MW-09	61	140	120	80		120	46	69	60
MW-10 (B)	1300		930	880		720	700	530	690
MW-11 (B)	1600		920	1100		740	900	670	840
MW-12	19	<u></u>		22			15		17
MW-13	760			480			430		790
MW-14	560	560	460	400		460	260	250	280
MW-15 (B)	18			21			13		7
MW-16 (B)	14			4			15		3
MW-17		270	800	250		280	180	160	220
MW-18	3100	*1000	1100	3600		620	1800	360	1900
MW-19	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-20	AB	AB	AB	AB	AB	AB	AB	AB	AB
MW-21	450	120	1300	180		510	90	42	73
MW-22	8	5	10	14		10	9	13	12
MW-23 (B)	ND	ND		ND			ND		ND
MW-24	NI	NI	NI	NI	6000	4300	4300	690	2400
PZ-01	48			85			410		29
PZ-02 RW-01	420 		 	250 	 		18		160
RW-02 (B)		. 125 . 4 X		30000 					
SUMP	2600	79474-12 1.5000000000 00 00 	560	850		400		490	1100

NOTES:

ND - Not detected above method detection limit, --- - Not analyzed, NI - Not installed at time of monitoring, AB - Well was abandoned.

MW-01 through MW-16 installed during Remedial Investigation (Stearns & Wheler).

MW-03 removed as part of TCE Soils Interim Remedial Measure (IRM) completed in September 1994. Data was collected by Stearns & Wheler prior to 07/22/94. MW-04 and MW-20 were abandoned and replaced by MW-21 and MW-22 on 01/20/97.

Page 3 of 5



Former Accurate Die Casting Site Fayetteville, New York

Ground Water Trichloroethylene Concentrations

Date Sampled:	07/2001 TCE	11/2001	01/2002 TCE	04/2002 TCE	06/2002 TCE	10/2002	05/2003	09/2003 TCE	12/2003
	ug/L	TCE ug/L	ug/L	ug/L	ug/L	TCE ug/L	TCE ug/L	ug/L	TCE ug/L
WELL#	-8 -	&	· ·	_	_	· ·	Ü	_	J
MW-01	DRY	ND	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-02	The	ND -							
MW-03	AB	AB	AB	AB	AB	AB	AB	AB	AB
MW-04	AB	AB	AB	AB	AB	AB	AB	AB	AB
MW-05		120				100			110
MW-06	- 89	92				92			110
MW-07 (B)		ND							'
MW-08		ND							
MW-09	70	77				67			110
MW-10 (B)	600	900		740		700	530		570
MW-11 (B)	680	1000		870		760	940		620
MW-12		19				18			20
MW-13		520			360	370			
MW-14	270	240				200	310		190
MW-15 (B) MW-16 (B)	 	27 3				21 1			26 3
MW-10 (B)	 240	230				290			3 310
MW-18	970	2000	 	350		2500	2100		2300
MW-19	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-20	AB	AB	AB	AB	AB	AB	AB	AB	AB
MW-21	35	38							12
MW-22	13	13		ne.		4			18
MW-23 (B)		ND					• • • • • • • • • • • • • • • • • • •		
MW-24	600	1500			470		390		190
PZ-01									errererererererererererererererererere
PZ-02									
RW-01									
RW+02 (B)			· · · · · · · · · · · · · · · · · · ·						
SUMP	1000	1500		210		1100	640		
W. 3279990									

NOTES:

ND - Not detected above method detection limit, --- - Not analyzed, NI - Not installed at time of monitoring, AB - Well was abandoned.

MW-01 through MW-16 installed during Remedial Investigation (Stearns & Wheler).

MW-03 removed as part of TCE Soils Interim Remedial Measure (IRM) completed in September 1994. Data was collected by Stearns & Wheler prior to 07/22/94. MW-04 and MW-20 were abandoned and replaced by MW-21 and MW-22 on 01/20/97.

Page 4 of 5



Former Accurate Die Casting Site Fayetteville, New York

Ground Water Trichloroethylene Concentrations

Date Sampled:	07/2004 TCE	12/2004 TCE
WELL#	ug/L	ug/L
MW-01	DRY	DRY
MW-02		
MW-03	AB	AB .
MW-04	AB	AB
MW-05		98
MW-06 : MW-07 (B)	/222 	
MW-09	 	 110
MW-10 (B) MW-11 (B)	470 490	
		21
MW-14 MW-15 (B)		200 2.1
MW-16 (B) MW-17		2:1 140
	1600 DRY	 DRY
MW-20	AB	AB
MW-21 MW-22		4.9 18
	 170	 96
PZ-01		
PZ-02 RW-01		
RW-02 (B)		

NOTES:

ND - Not detected above method detection limit, --- - Not analyzed, NI - Not installed at time of monitoring, AB - Well was abandoned.

MW-01 through MW-16 installed during Remedial Investigation (Stearns & Wheler).

MW-03 removed as part of TCE Soils Interim Remedial Measure (IRM) completed in September 1994. Data was collected by Stearns & Wheler prior to 07/22/94. MW-04 and MW-20 were abandoned and replaced by MW-21 and MW-22 on 01/20/97.

Page 5 of 5



Analyte	MW-04 10/22/1996 ug/L	MW-10 (B) 04/29/1999 ug/L	MW-11 (B) 04/29/1999 ug/L	MW-12 10/10/2002 ug/L	MW-13 11/08/2001 ug/L	MW-15 (B) 12/08/2003 ug/L	MW-17 04/10/1996 ug/L	MW-17 10/22/1996 ug/L
cis-1,2-Dichloroethene	12							7
Chloroform Tetrachloroethene		29 	60 		40		20 20	 12
Vinyl chloride						 		
NOTES: Not detected. MW-04 and MW-20) were abandoned and repla	aced by MW-21 an	d MW-22 on 01/20)/97.				
						1	Page 1 of 9	



Table 4 Former Accurate Die Casting Site Fayetteville, New York

Other Detected Volatile Organic Compounds

Analyte	MW-17 01/16/1997 ug/L	MW-17 04/15/1997 ug/L	MW-17 07/08/1997 ug/L	MW-17 01/29/1998 ug/L	MW-17 10/20/1998 ug/L	MW-17 04/29/1999 ug/L	MW-17 11/09/2000 ug/L	MW-17 07/03/2001 ug/L
cis-1,2-Dichloroethene							15	10
Chloroform Tetrachloroethene	 22	 15	 18	 12	 17	23	7 .	 7
Vinyl:chloride								
						5.5		
NOTES: Not detected. MW-04 and MW-20 were	abandoned and repla	ced by MW-21 an	d MW-22 on 01/20	0/97.			Page 2 of 9	



	MW-17	MW-17	MW-18	MW-18	MW-18	MW-18	MW-18	MW-18
Analyte	11/10/2001 ug/L	10/11/2002 ug/L	10/22/1996 ug/L	07/08/1997 ug/L	10/21/1998 ug/L	04/29/1999 ug/L	04/06/2000 ug/L	11/09/2000 ug/L
cis-1,2-Dichloroethene	10	22	81	66	160	37	14	100
Chloroform Tetrachloroethene	8							
Vinyl chloride		<u></u>		<u></u>		<u></u>		
NOTES: Not detected. MW-04 and MW-20 w	ere abandoned and repla	aced by MW-21 an	nd MW-22 on 01/2)/97.		•		
		•					Page 3 of 9	



Analyte	MW-21 11/10/2001 ug/L	MW-21 12/08/2003 ug/L	MW-22 01/21/1997 ug/L	MW-22 04/16/1997 ug/L	MW-22 07/08/1997 ug/L	MW-22 10/23/1997 ug/L	MW-22 01/29/1998 ug/L	MW-22 04/16/1998 ug/L
cis-1,2-Dichloroethene	240	32	5	4	9	22	11	22
Chlaroform								
Tetrachloroethene Vinyl chloride						3		
		K-0.72						
		. 1. 2. (1. (1. (1. (1. (1. (1. (1. (1. (1. (1						
NOTES: Not detected. MW-04 and MW-20 were al	handoned and renia	ced by MW-21 ar	nd MW-22 on 01/20				-	
Min orang min 20 well at	omicones una repre		22 OH 01/20	<i></i>				
							Page 6 of 9	



Analyte	MW-22 10/21/1998 ug/L	MW-22 04/29/1999 ug/L	MW-22 10/19/1999 ug/L	MW-22 04/06/2000 ug/L	MW-22 11/09/2000 ug/L	MW-22 07/03/2001 ug/L	MW-22 11/10/2001 ug/L	MW-22 10/11/2002 ug/L
cis-1,2-Dichloroethene	35	24	28	26	29	37	36	51
Chloroform								
Tetrachloroethene				***				
Vinyl chloride								
,								
NOTES: Not detected. MW-04 and MW-20 w	vere abandoned and repla	aced by MW-21 ar	nd MW-22 on 01/20	0/97.				
72. 3. and 71. 20 W	asmissings and repr						Page 7 of 9	



Table 4 Former Accurate Die Casting Site Fayetteville, New York

Other Detected Volatile Organic Compounds

	MW-24	MW-24	MW-24	SUMP	SUMP	_	
Analyte	06/11/2002 ug/L	05/01/2003	12/08/2003	11/08/2000	11/08/2001		
cis-1,2-Dichloroethene	680	ug/L 410	ug/L 81	ug/L 51	ug/L		
Chloroform Tetrachloroethene					180		
Vinyl chloride		 -		223			
NOTES: Not detected.			13.017.22 - 21.02	2/07			
MW-04 and MW-20 w	ere abandoned and repla	aced by MW-21 an	id MW-22 on 01/2	U/97.			
						Page 9 of	f 9

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#: 9083 Sample: E7788

Sample Description: WTP EFFLUENT-GRAB

Instrument: HP5973 GC/MS#1

Units: ug/L

Number of analytes: 7

Analytical Results Method: 8260

Job No.: 3027.001.11102 Certification NY No.: 10155

Collected:

10/07/04

Matrix: Water

Received: 10/07/04 Prepared:

QC Batch: 100804W1

10/08/04 %Solids:

Sample Size: 10 mL

Dilution: 1

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

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

Notes:

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

- Outside control limits U - Undetected at the reported level.

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

E - concentration exceeded the calibration range and is estimated.

Date: October 11, 2004 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#: 9083 Sample: E7789

Sample Description: WTP IN BETWEEN

Instrument: HP5973 GC/MS#1

ug/L Units:

Number of analytes:

Analytical Results Method: 8260

Job No.: 3027.001.11102 Certification NY No.: 10155

Collected: 10/07/04

10/08/04

Matrix: Water

10/07/04 Received: Prepared:

QC Batch: 100804W1

%Solids:

Sample Size: 10 mL

Dilution: 1

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

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

Notes:

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

- Outside control limits U - Undetected at the reported level.

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

E - concentration exceeded the calibration range and is estimated.

Authorized: Date: October 11, 2004 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#: 9083 Sample: E7790

Sample Description: WTP INFLUENT Instrument: HP5973 GC/MS#1

Units: ug/L

Number of analytes: 7

Analytical Results Method: 8260

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

Collected: 10/07/04

10/08/04

Received: 10/07/04

Prepared:

Matrix: Water

QC Batch: 100804W1

%Solids:

Sample Size: 10 mL

Dilution: 20

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

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

Notes:

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

- Outside control limits U - Undetected at the reported level.

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

E - concentration exceeded the calibration range and is estimated.

Authorized: North Sonlineer

Date: October 11, 2004 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: 10/07/04

Received: 10/07/04 11:55

Matrix: Water Number of Analytes: 2

Package#: 9083 Sample: E7787 Samp. Description: WTP EFFLUENT-COMP

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

Notes:

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

U - Undetected at the reported level.

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

E - Concentration exceeded the calibration range and is estimated.

Date: October 20, 2004 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: OCINA			· · · · ·			Analysis/Method							
Project: Former Accurate	Die (Aughli	ast						260					(13
Client Contact: A Fance	Phone #	231	6				8/0	$\mathcal{F} \setminus \mathcal{F}$	ر مراز آر				9000
Sample De	Sample Description							Pacs.					
Sample Location	Date Collected		Sample Matrix		No. of Containers	/ K	100	3	\Z				Comments
WTP Efflyent	10/7/04	11:00	WATO	Comp	1	1							
WTV EST Went	10/2/04	07:00	WATO	GRAD	2_		2		- -				
WIP IN Retween	10/7/04	07:00	WATEL	Grap	2			2		ļ			
WIP-Influent	10/7/64	07:00	WATER	Gurp	2			2					
	· .			,									
		<u> </u>		<u> </u>	<u> </u>								
	<u> </u>			ļ	<u> </u>								
					ļ								
	<u> </u>	<u> </u>		ļ									<u> </u>
		<u></u>			<u></u>								
		<u></u>											
Relinquished by Ruhw AM Gayla	Da	te: /0/2	/ογ Time	11:55	Receive	d by:					Da	ite:	Time:
Relinquished by:	Da	ite:	Time	:	Receive	d by:			1		Da	ite:	Time:
Relinquished by:	Da	te:	Time	:	Receive	d by Lat	p: e	em)	Low	<u>ر</u>	Da	ite: 0/-	7/04 Time: (155
Shipment Method: Hans					Airbill Nu	ımber:		\mathcal{A}					
Turnaround Time Required: /	Comments	·						V			•		

Turnaround Time Required: /									
Routine	<u> </u>								
Rush (Specify)								
Cooler Temperature:	6.6°C								

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:

Collected: 10/14/04

Package#: 9133 Sample: E8061

Received: 10/14/04 12:00

Samp. Description: WTP Effluent

Matrix: Water
Number of Analytes: 2

Param	eter		Result	Q	Units	M	ethod	PQL	Analyzed	QC Batch	QC	Dil	Note
Total	dissolved	solids	580.		mg/L	EF	A 160.1	10.	10/19/04	101904W18	10	1	
Total	suspended a	solids	<5.0	U	mg/L	EF	A 160.2	5.0	10/20/04	102004W17	10	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 Sanluce

Date: November 1, 2004 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: Og-INA	Client: OGINA								An	alysis	/Meth	od	٠
Project: Former Accurate Di	c CASI	<u> </u>				7	/		. /	7	7		9133
Sampled by: (Cachano M S/Aug	4/10					/	ري/				. /		
Client Contact: A FARCE Phone # 2316							2						;
							\						
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	R	/				/	/	Comments
Wir Esfluent	14/11/04	10:00	WATE	Comp	1	1							
			· 	<u>'</u>									
	-		·							•			
												-	
			 -										
Control of the Contro													
					·								
Relinquished by: Whayla	Da	te: / <i>\\/\</i> /	fy Time	1200	Receive	d by:					Da	ite:	Time:
Relinquished by:	Da	te:	Time	:	Receive	d by:		1			Da	te:	Time:
Relinquished by:	Da	te:	Time	:	Receive	d by Lat): P]	<u> </u>		Da	te:/0//	104 Time: 12 Pm
Shipment Method:					Airbill Nu	umber:	-1						
Turnaround Time Regulred: /	Comments	•					· <u> </u>		3				

Routine	id:
Rush (Specify)	
Cooler Temperature: 800	(FCE GOND)

Original - Laboratory Copy - Client

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

Proj. Desc:

Package#: 9198 Sample: E8439

Sample Description: WTP EFFLUENT-GRAB

HP5973 GC/MS#1 Instrument:

Units: ug/L

Number of analytes: 7

Analytical Results Method: 8260

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

Collected:

10/22/04

Matrix: Water

Received: 10/22/04 QC Batch: 102804W4

Prepared: 10/29/04 %Solids:

Sample Size: 10 mL

Dilution: 1

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

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

Notes:

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

- Outside control limits U - Undetected at the reported level.

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

E - concentration exceeded the calibration range and is estimated.

Date: October 29, 2004

Analytical Results Wet Chemistry

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

Project: Former Accurate Die - Fayetteville, NY

Proj. Desc:

Package#: 9198 Sample: E8438

Samp. Description: WTP EFFLUENT-COMP

Job No.: 3027.001.11102 Certification NY No.: 10155

Collected: 10/22/04

Received: 10/22/04 10:48

Matrix: Water Number of Analytes: 2

Param	eter	Result	Q	Units	Method	PQL	Analyzed	QC Batch	Dil	Note
Total	dissolved solid	ls 580.		mg/L	EPA 160.1	10.	10/22/04	17:00102204W18	1	
Total	suspended solid	is <5.0	U	mg/L	EPA 160.2	5.0	10/26/04	102604W17	1	

Notes:

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

U - Undetected at the reported level.

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

E - Concentration exceeded the calibration range and is estimated.

Authorized: Norita Santueen

Date: November 4, 2004 Monika Santucci

Rush (Specify)

Cooler Temperature:

5000 Brittonfield Parkway East Syracuse, New York 13057

Chain of Custody

(315) 437-0200

Client: OGINA		Analysis/Method											
Project: Former Accurate	Die	CAS	ナ			7	7	~/		7	7		
Sampled by: Richard McLa	uchli	ن				/	\g.	8260					9198
Client Contact: Al Fannell	Phone #	231	6			/、		$\mathscr{S}_{m{A}}$					[
-Sample Des						٤ / ا	200	3 /					
Sample Location	Date Collected				No. of Containers	17	1						Comments
WTP Ed Hvenz	10/22/01	9:03	WATO	Comp		/							
WIP Effluent	10/22/04	9:00	WATO	GLAD	2		2						
	 			<u></u>								<u> </u>	
			<u> </u>						<u>. </u>	<u> </u>			
	1	 -	<u> </u>	<u> </u>	 	-		<u> </u>]	<u> </u>	 	
				 -		 				 			
				 				-					
	ļ	ļ <u>-</u>				<u> </u>				ļ			
at the state of the		<u> </u>	<u> </u>							<u> </u>			
Relinquished by: Kicker Way May h	Da	te:///21	/// Time	10.48	Receive	d by:					Da	ate: 	Time:
Relinquished by:	Da	ite:	Time	:	Receive	d by:		1	.		Da	ate:	Time:
Relinquished by:	Da	ite:	Time	:	Receive	d by Lat	\mathcal{A}		10	以	Dá	ate:/D/	22/04 time: 10-148
Shipment Method:					Airbill Nu	umber:	(J					
Turnaround Time Required:	Comments	:											

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#: 9244

Sample: E8702

Samp. Description: WTP EFFLUENT

Job No.: 3027.001.11102 Certification NY No.: 10155

Collected: 10/28/04

Received: 10/28/04 13:40

Matrix: Water Number of Analytes: 2

Paramete	er		Result	Q	Units	Method.	PQL	Analyzed_	QC Batch	Dil	Note
Total dis	ssolved :	solids	590.		mg/L	EPA 160.1	10.	11/02/04	110204W3	1	
Total sus	spended :	solids	<5.0	U	mg/L	EPA 160.2	5.0	10/30/04	103004W12	1	

Notes:

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

U - Undetected at the reported level.

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

E - Concentration exceeded the calibration range and is estimated.

Authorized: North Santucci

Date: November 11, 2004 Monika Santucci

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

Chain of Custody

Client: OG/NA Analysis/Method Project: Sampled by: Phone # 23/6 **Client Contact: Sample Description** Date Time Sample Comp. No. of Comments Sample Location Collected Collected Matrix or Grab Containers 10/28/04 10:00 WATA COM Date: /0/28/04 Time /3.40 Relinquished by: Received by: Date: Time: Relinquished by: Received by: Date: Time: Date: Time: Received by Lab Date: Date: Relinquished by: Time: Airbill Number: Shipment Method: ts:

Turnaround Time Req	uired:	Comment
Routine		
Rush (Specify)		//
• • • • • • • • • • • • • • • • • • • •	200 1/h	Hicory
Cooler Temperature:	1 C W	11100

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:

Collected: 11/05/04

Package#: 9296 Sample: E9048

Received: 11/05/04 11:15

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	620.		mg/L	EPA 160.1	10.	11/08/04	110804W25	1	
Total suspended solids	<5.0	U	mg/L	EPA 160.2	5.0	11/09/04	110904W26	. 1	

Notes:

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

U - Undetected at the reported level.

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

E - Concentration exceeded the calibration range and is estimated.

Authorized: Norika Sortuce

Date: November 21, 2004 Monika Santucci

Cooler Temperature:_

5000 Brittonfield Parkway East Syracuse, New York 13057

Chain of Custody

Copy - Client

(315) 437-0200

Client: OGINA	09/10/									Analysis/Method							
Project: Former Accurat	p PI	re Ca	s#			<i>-</i>	7	$\overline{}$	_/								
Completely // 9 100C/	ushli	w] /	্ন/	260	100 J			/	9296				
Client Contact: Al Fannell P	hone #	231	6] /、	D) (_	احی								
Sample Des						ې [[))								
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	1	1 7	/S	,		/		. Comments				
WTP Esthert	21/5/07	10:00	WATER	Cump	1	1											
WTPESTLEST	11/5/04	10:00	umon	Grub	2		2										
WTP IN BETWEEN	11/5/04	10:00	WATOS	Grab	2			2									
										ļ							
		ļ															
										ļ							
											ļ						
													-				
·										<u> </u>							
	<u> </u>									<u> </u>							
	ļ							·		 			····				
	<u> </u>		<u> </u>														
Relinquished by Ward Market	Da	te: ///	S/ATime	11.15	Receive	d by:					Da	ate:	Time:				
Relinquished by:	Da	ite:	Time		Receive	d by:	_	10			D:	ate:	Time:				
Relinquished by:	Da	te:	Time	:	Receive	d by Lat	1	40	<u> Co</u>	200	/ D	ate:///	5/04 Time://://5				
Shipment Method:					Airbill N	umber:		0	<u></u>								
Turnaround Time Required: C	omments	:											÷				
Routine		α											i				
Rush (Specify)	ina											Orig	ginal - Laboratory				

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#: 9331 Sample: E9276 Collected: 11/11/04

Received: 11/11/04 10:20

Matrix: Water Number of Analytes: 2

Samp. Description: WTP EFFLUENT

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

Notes:

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

U - Undetected at the reported level.

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

E - Concentration exceeded the calibration range and is estimated.

Authorized: Monito Solwer

Date: November 25, 2004 Monika Santucci

5000 Brittonfield Parkway
East Syracuse, New York 13057

Chain of Custody

(315) 437-0200

Client: OGINA					Ar	nalysis	/Meth	od .					
Project: Former Arcurate 1	Die Cu	95 T	_ _			/		7		7	./		
	weh I	1				1 /	5/			<u> </u>		[]	9331
	Phone #		6			/、		/			/		, , , , , , , , , , , , , , , , , , ,
Sample Des	crintion	<u> </u>											
	Date	Time	Sample	Comp.	No. of	1/ K	Š			/	/	/	Comments
Sample Location	- 	Collected	Matrix		Containers	/ C	Y		 	 	\vdash		Comments
WTC Effluent	14/11/04	10100	UMTCI	Comp									
,	-[
						-		<u> </u>	<u> </u>	 			
		 							`				
										 			
	<u> </u>							<u> </u>		ļ			
•								<u> </u>		<u> </u>			
		}		-		<u> </u>			ļ	ļ <u> </u>			
	<u> </u>	ļ				ļ		<u></u>					
		ļ				<u> </u>		ļ					
		 			-	<u> </u>							
		L	,							ļ			
Relinquished by: Muhwall Mayh	Da	te://///	74 Time:	10:20	Receive	d by:					Da	ite:	Time:
Relinquished by:	Da	ite:	Time:		Receive	d by:	\sim	1	<u> </u>	0	Da	ite:	Time:
Relinquished by:	Da	te:	Time		Receive	d by La		$\langle \Sigma \rangle$	00	W.	Da	te: ///	///04 Time: /02C
Shipment Method:					Airbill No	umber:		J		,	-		(

Turnaround Time Required: Comments:

Routine Rush (Specify)

Cooler Temperature: 10°C WW I Cell

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#: 9402 Collected: 11/18/04 Sample: E9736

Received: 11/18/04 14:20

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	640.		mg/L	EPA 160.1	10.	11/22/04	112204W25	1	
Total suspended solids	<5.0	ប	mg/L	EPA 160.2	5.0	11/22/04	112204W3	1	

Notes:

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

U - Undetected at the reported level.

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

E - Concentration exceeded the calibration range and is estimated.

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

5000 Brittonfield Parkway
East Syracuse, New York 13057

Chain of Custody

East Syracuse, New York (315) 437-0200

Client: OGINA		Analysis/Method											
Project: Former Arcunate Sampled by: Ruhano MY	Die C Augl						25	260					auna
, — · · · · · · · · · · · · · · · · · ·	Phone #		216] / -	~ 7	*/					17900
Sample De	scriptior		-	•		بر / [2/ 2/				/ ;	
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers						<u> </u>		Comments
WTP Effluent	11/18/04	10:30	WATE	Comp	1				<u> </u>				
WTP Effluent	11/18/04	10:30	WATER		2		ν				,		
					-				<u> </u>		 		
	-			 				 -		,	-		
					<u> </u>						 	-	
	-				ļ		·		ļ	ļ	ļ		:
	<u> </u>						 I		ļ	ļ			
	 				 			<u> </u>			 	ļ	
					<u> </u>								
Relinquished by: The Will Might	Da	ite////8/	104 Time	1420	Receive	d by:					D	ate:	Time:
Relinquished by:	Da	ite:	Time	:	Receive	d by:						ate:	Time:
Relinquished by:	Da	ite:	Time	:	Receive	d by Lat	» M	ouk	N/A	Muc	e D	ate: <i> 1 </i>	8/04 Time: 200
Shipment Method:					Airbill N	umber:							
Turnaround Time Required: Routine	Comments	š.			•	•		,					

Routine_______Rush (Specify)_______

Cooler Temperature:_______5. 6 c

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:

Collected: 11/24/04

Package#: 9444 Sample: F0036

Received: 11/24/04 10:25

Samp. Description: WTP EFFLUENT

Matrix: Water Number of Analytes: 2

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

Notes:

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

U - Undetected at the reported level.

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

E - Concentration exceeded the calibration range and is estimated.

Authorized: North Santucci

Date: December 8, 2004 Monika Santucci

5000 Brittonfield Parkway East Syracuse, New York 13057

Chain of Custody

Copy - Client

(315) 437-0200

Client: OGINA	<u> </u>								1A	nalysis	:/Meth	od	
Project: Formen AccurATE		red-				7							ailuil
Sampled by: Kulpan McLa	19hlin					/	7/				/	/	17777
Client Contact: Al Famell	Phone #	231	6									/	,
Sample Do	escription	l				/ در							
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	1R	/.	/	/	/	<i> -</i>	/	Comments
WTP Effluent	11/24/04	(0100	WATOL	Corp	1	1							
			· · ·	·									
							ļ	ļ			 		
	'		<u> </u>					<u> </u>	 		ļ		
						 -			<u> </u>		 _		
					·				 		<u> </u>		
			 		 	<u> </u>	 	 	[<u> </u>	
			 	· · · · · · · · · · · · · · · · · · ·		 					<u> </u>		
												-	
						<u> </u>	<u></u>	<u> </u>	<u> </u>		<u> </u>	\ \\	
Relinquished by: Wings Mill Hours	L Da	te:////24	1/04 Time	10:25	Receive	d by:					D	ate:	Time:
Relinquished by:	Da	te:	Time	:	Receive	d by:	\sim	1_			D	ate:	Time:
Relinquished by:	Da	te:	Time	:	Receive	d by Lai	4		A		D	ate: ///5	24/04 Time: 1025
Shipment Method: Hand			·		Airbill N	umber:		V					
Turnaround Time Required:	Comments	•				•							
Routine V	~							•					i
7ºc 1/b/	iced				·		•					Orig	ginal - Laboratory
Cooler Temperature:													Copy - Client

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

Proj. Desc:

Package#: 9485 Sample: F0302

Sample Description: WTP EFFLUENT-GRAB

Instrument: HP5973 GC/MS#1

Units: ug/L

Number of analytes: 7

Analytical Results Method: 8260

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

Collected: 12/

12/03/04

Matrix: Water

Received: 12/03/04 Prepared: 12/07/04 QC Batch: 120704W1

12/07/04 %Solids:

Sample Size: 10 mL

Dilution: 1

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

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

Notes:

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

- Outside control limits U - Undetected at the reported level.

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

E - concentration exceeded the calibration range and is estimated.

Authorized: Monika

Date: December 9, 2004 M

Monika Santucci

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

Proj. Desc:

Package#: 9485 Sample: F0303

Sample Description: WTP IN-BETWEEN

Instrument: HP5973 GC/MS#1

Units: ug/L

Number of analytes: 7

Analytical Results Method: 8260

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

Collected: 12/03/04

Received:

Prepared:

12/03/04

Matrix: Water

QC Batch: 120704W1

12/07/04 %Solids:

Sample Size: 10 mL

Dilution: 1

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

%R	Qual	%R Limits
100		78-120
110		71-126
99		80-120
96		78-120
	100 110 99	100 110 99

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 Sa

Date: December 9, 2004 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#: 9485

Sample: F0301 Samp. Description: WTP EFFLUENT-COMP

Collected: 12/03/04

Received: 12/03/04 14:30

Job No.:

Matrix: Water Number of Analytes: 2

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

Notes:

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

U - Undetected at the reported level.

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

E - Concentration exceeded the calibration range and is estimated.

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

Cooler Temperature:___

5000 Brittonfield Parkway East Syracuse, New York 13057

Chain of Custody

Original - Laboratory

Copy - Client

(315) 437-0200

Client: OG/NA	Client: OG INA									Analysis/Method							
Project: ACCURATE Die CAST	<u> </u>					7	<u> </u>		./				~./~-				
Sampled by: RUMARO MCL	aushl	i, i, i] /	2	(E)	2/				9465				
Client Contact: A FARRE	Phone #	2316	, 2			/-	N	ϕ_{λ}	$\mathcal{Z}/$								
Sample De]/ £	3/1/2		7:085								
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	1 ~	1 2		/	<i> </i> -	/	Comments				
WTP Estluent	12/3/04	7:00	aura	Cerms		1											
WTC Effluen2	12/3/04	7:00	wines	Gros	2		2				,						
WIP IN-Between	12/3/04	7:00	water	anns	2	ļ		2		ļ							
	,		<u> </u>			ļ			<u> </u>	ļ							
	<u> </u>		<u> </u>			<u> </u>				 							
		·				-			1	ļ							
	<u> </u>			<u> </u>		-			<u> </u>	<u> </u>							
·		<u> </u>	<u> </u>			 		<u></u>	<u> </u>	1	<u> </u>		<u> </u>				
		<u> </u>	<u> </u>		ļ	 				ļ <u>.</u>	<u> </u>						
		 								 		l .					
						 		-									
Relinquished by Ruh and Mitan	Da	ite:/2/3/	64 Time	14/30	Receive	ed by:	•			;	Da	ate:	Time:				
Relinquished by:		ate:	Time		Receive	ed by:			/1/	71	Da	ate:	Time:				
Relinquished by:	Da	ate:	Time):	Receive	d by Lai	o: The	masc	1/4	lifer	le Di	ste:/2/3	14 Time: 1430				
Shipment Method:			-		Airbill N	umber:	*			/ . *							
Turnaround Time Required: Routine Rush (Specify)	Comments	3 :							-				i.				

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#: 9527 Collected: 12/09/04

Sample: F0555
Samp. Description: WTP EFFLUENT
Received: 12/09/04 11:25
Matrix: Water

Matrix: Water Number of Analytes: 2

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

Notes:

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

U - Undetected at the reported level.

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

E - Concentration exceeded the calibration range and is estimated.

Authorized: North &

Date: December 21, 2004 Monika Santucci

5000 Brittonfield Parkway East Syracuse, New York 13057

Chain of Custody

(315) 437-0200

Client: OGIN A	-	Analysis/Method											
Project: Frames Accimults D	KE CA	st					/	-7					0507
Sampled by: Richard MEL	aughli.	N.				/	7/			/	· /		9527
Client Contact: A [Fannel]	Phone #	2316	2			/ \	R)						
Sample Des	cription				•	ير / ا						/ :	
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers		1		<i>[</i>]		<u> </u>	/	Comments
WTP Effhent	12/3/04		WATER	Com)								
<u> </u>	<u> </u>			,		 					<u> </u>		
			· · · · · · · · · · · · · · · · · · ·							 -			
	-						·			 	 		<u> </u>
								_ _				-	
	ļ										ļ		
	· · · · · · · · · · · · · · · · · · ·				-,	,			<u>.</u>	 	<u> </u>		
											-	,	
	-			·									
Relinquished by: Mamagay	Dal	e:/2/9/	54 Time	11:25	Receive	d by:				····	Di	ate:	Time:
Relinquished by:	Dat	le:	Time	: -	Receive	d by:		-6			Di	ate:	Time:
Relinquished by:	Dat	e:	Time	·	Receive	d by Lat	F.	2			Da	ate:	day Time: /1-25
Shipment Method: / Shipment Method:			<u></u>		Airbill Nu	umber:							
	Comments						•					,	i
Cooler Temperature: 50C (WELL-TCE))										-		ginal - Laboratory Copy - Client

Cooler Temperature:

5000 Brittonfield Parkway
East Syracuse, New York 13057

Chain of Custody

(315) 437-0200

Client: OGINA	nt: OGINA										s/Meth	od		
Project: FORMER ACCURATE DI									/				00	1
Sampled by: Richard WELA	ughlin] /	2	18					1959	1 -
Client Contact: A Fannel	Phone #	231	6] /、	ZZ <	7260					<i>t</i>	•
Sample De]/,8						/ .		-
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	1	1 7	/	/	/	/-	/	Comment	ls
UTP Effluent	12/14/04	10:00	WASOS	Conp		j								
WTP EtHvent	12/16/04	10:00	WATCH	Good	2		2						,	
						ļ	ļ				ļ			·
	· ·					ļ	ļ			 	<u> </u>		·	
			ļ	 		 	<u> </u>	-	<u> </u>	· · · · · · · · · · · · · · · · · · ·	ļ	ļ	<u> </u>	
	_		<u> </u>		 	 	 				<u> </u>			
· · · · · · · · · · · · · · · · · · ·							 			<u> </u>	-			
	-}	}		<u> </u>	 	}	}		<u> </u>		<u> </u>			<u></u>
		<u> </u>			<u> </u>	 	<u> </u>		<u> </u>		<u> </u>			
		 	<u> </u>		 	 							4	
					· · · · · · · · · · · · · · · · · · ·		<u> </u>					12	\triangleright	
Relinquished by Rum Law Mr	Da	ite:/2/14	64 Time	:/1.25	Receive	ed by:	Sister	Rut	ts		D	ate: f0//	6/64 Time: \\	75
Relinquished by:	Da	ite:	Time	:	Receive	ed by: 🗸					D	ate:	Time:	
Relinquished by:	Da	ite:	Time	:	Receive	ed by La	b;				D	ate:	Time:	
Shipment Method: Amno.					Airbill N	umber:								
Turnaround Time Required: Routine Rush (Specify)	Comments	" 二(E	ED ,						,				i	

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#: 9655

Collected: 12/23/04

Sample: F1416

Received: 12/23/04 11:15

Samp. Description: WTP EFFLUENT

Matrix: Water
Number of Analytes: 2

Parameter	Result	Q	Units	Method	PQL	Analyzed	QC Batch	Di1	Note
Total dissolved solids	590.	<u>_</u>	mg/L	EPA 160.1	10.	12/29/04	122904W11	1	
Total suspended solids	<5.0	U	mg/L	EPA 160.2	5.0	12/29/04	122904W12	1	

Motor

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 Sanluce

Date: January 4, 2005 Monika Santucci

5000 Brittonfield Parkway East Syracuse, New York 13057

Chain of Custody

(315) 437-0200

Client: OGIWA	lient: OGINIA								Analysis/Method						
Project: Former Accurate Di	e Cas	+				7	5/	7							
Sampled by: Richard McLa	ightin	i	·····			/				/			7655		
Client Contact: A France 11	Phone #	231	<u>(</u>		 	/ \	$\langle \rangle$			1			9655		
·	Sample Description												,		
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	11					Ŀ		Comments		
WIP ESTIVENT	12/04	10:00	wares	Comp	1	1									
	ļ		18.	·							<u> </u>	<u> </u>			
	<u> </u>	-	<u> </u>	<u> </u>						 	<u> </u>				
			 		<u> </u>	<u> </u>	<u> </u>		 			-			
				<u> </u>											
													_		
	 		 	 							ļ		-		
:	 		<u> </u>	 	<u> </u>	 			 	 -	<u> </u>				
	 				<u> </u>	 					 	·			
Relinquished by: Miner 4 M Jan M	₂ Da	ite:/2/2	3/04 Time	11:15	Receive	d by:			.		D:	ate:	Time:		
Relinquished by:	Da	ile:	Time	:	Receive	d by:		1 (\supset		D	ate:	Time:		
Relinquished by:	Da	ite:	Time): 	Receive	d by Lal		كز	Se	SCZ.	D.	ate:/Q	2364 ime: 11:15		
Shipment Method: Hano.					Airbill N	umber:		<u> </u>	·-		,	<i></i>			
Turnaround Time Required:	Comments	S:				•									
Routine	^				•								i		
Cooler Temperature: 6°C Well 1	ced						•					Oriç	ginal - 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:

Collected: 12/29/04

Package#: 9669 Sample: F1465

Received: 12/29/04 11:20

Samp. Description: WTP EFFLUENT

Matrix:

Water

Number of Analytes: 2

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

Notes:

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

U - Undetected at the reported level.

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

E - Concentration exceeded the calibration range and is estimated.

Authorized: Norika Sanluce

Date: January 12, 2005 Monika Santucci



January 17, 2005

Service Request No: K2410280

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

RE: Former Accurate Die Cast / 32249

Dear Al:

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

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

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

Respectfully submitted,

Columbia Analytical Services, Inc.

Gregory/Salata, Ph.D.

Project Chemist

GS/jeb

Page 1 of

10

Acronyms

ASTM American Society for Testing and Materials

A2LA American Association for Laboratory Accreditation

CARB California Air Resources Board

CAS Number Chemical Abstract Service registry Number

CFC Chlorofluorocarbon
CFU Colony-Forming Unit

DEC Department of Environmental Conservation

DEQ Department of Environmental Quality

DHS Department of Health Services

DOE Department of Ecology
DOH Department of Health

EPA U. S. Environmental Protection Agency

ELAP 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.
- 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.
- 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 cluting in approximately the correct carbon range, but the clution pattern does not match the calibration standard.
- Z The chromatographic tingerprint does not resemble a petroleum product.

Analytical Report

Client:

O'Brien & Gere Laboratories, Inc.

Project:

Former Accurate Die Cast/32249

Sample Matrix:

Water

Service Request: K2410280

Date Collected: 12/29/04

Date Received: 12/30/04

Mercury, Total

Prep Method:

METHOD

Analysis Method: 1631E

Units: ng/L

Basis: NA

Test Notes:

			Dilution	Date	Date		Result
Sample Name	Lab Code	MRL	Factor	Extracted	Analyzed	Result	Notes
WTP Effluent	K2410280-001	1.0	1	1/13/05	1/13/05	ND	
WTP Influent	K2410280-002	0.1	1	1/13/05	1/13/05	ND	
Method Blank I	K2410280-MB1	1.0	1	1/13/05	1/13/05	ND	
Method Blank 2	K2410280-MB2	1.0	1	1/13/05	1/13/05	ND	
Method Blank 3	K2410280-MB3	1.0	1	1/13/05	1/13/05	ND	

QA/QC Report

Client: Project: O'Brien & Gere Laboratories, Inc.

Service Request: K2410280 Date Collected: 12/29/04

Sample Matrix:

Former Accurate Die Cast/32249

Date Received: 12/30/04

Water

Date Extracted: 1/13/05 **Date Analyzed:** 1/13/05

Matrix Spike/Duplicate Matrix Spike Summary

Total Metals

Sample Name:

Final Effluent 3573

Units: ng/L

Lab Code: K2410177-001S,

K2410177-001SD

Basis: NA

Test Notes: .

Percent Recovery

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

QA/QC Report

Client:

O'Brien & Gere Laboratories, Inc.

Project:

Former Accurate Die Cast/32249

LCS Matrix: Water

Service Request: K2410280

Date Collected: NA

Date Received: NA
Date Extracted: 1/13/05

Date Analyzed: 1/13/05

Ongoing Precision and Recovery (OPR) Sample Summary

Total Metals

Sample Name:

Ongoing Precision and Recovery (Initial)

Units: ng/L Basis: NA

Test Notes:

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

QA/QC Report

Client: O'Brien & Gere Laboratories, Inc.

Project: Former Accurate Die Cast/32249

LCS Matrix: Water

Service Request: K2410280

Date Collected: NA

Date Received: NA

Date Extracted: 1/13/05 Date Analyzed: 1/13/05

Quality Control Sample (QCS) Summary

Total Metals

Sample Name: Lab Code: Quality Control Sample

K2410177-QCS

Units: ng/L Basis: NA

Test Notes:

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

Analytical Services Inc.

CHAIN OF CUSTODY

SR#:_	K240200	

Services INC.	13	317 South 13	th Ave. • Ke	elso, WA 9	8626	(360)	577-72	22 •	(800) 6	95-722	22x07	• FAX	(360)	636-10	068	F	AGE			OF			_ CO	C #		
PROJECT NUMBER 3224	Accus	enre D	icas	-				r : . //		BIEX.	T	Τ,		Τ,	8151A	7	7	7	/ /	/ ~ /	T ,	2005	(63)	7	- / /	6:00
PROJECT MANAGER A- F-AI	PRELL				_	$\int_{\mathscr{L}}$	Semivolatile C				/	1686	Pesificial Conges	_/	6/	\neg /		$\int_{\mathcal{L}}$			1980 19C	\ \si	Z			000
COMPANY/ADDRESS RIEN SOOO BRIHO	o Liele	E 1 Duus		,		OF CONTAINERS		36				/8/	// ;		Z Z	§ [Cyanide C				S/ &	3/			/ /	_
TITY/CTATE/7ID - 4	use 1	···-	057				/ /		/ &			E.	/ §	6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	16		Sig /	/ ⁶	80	4 4	Ď		<i>"</i>	/ /	' /	
E-MAIL ADDRESS		7			\Box	/ کړ/						EN S	زا	7.6		0,0	\$ 3 ×		20.0	() () () () () () () () () ()	0/		\		/	
PHONE #3/5 - 437 - 6	100	FAX315	<u>-437</u>	9800	NUMBER	ž/	'olatii					Z Z				8/2	1 Per 1				g /					
Kuchaw C	<u> </u>	well.	Liabio	Tearmon	/ \$\\\\\$		Semil	\$ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\			\$\\ \delta\;	\$\\2\\2\\2\\2\\2\\2\\2\\2\\2\\2\\2\\2\\2			/ *	Metal	Zani,	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\) 3, 8	,\ \{	y		/	REMARK	(S
SAMPLE I.D.	DATE	TIME	LAB I.D.	1.	/ <	\leftarrow	-,	/-6			/ -	1 4 E	7 6	/ -	7 *	/ = &	-		<u>/<</u>	<u> </u>	\leftarrow	Y	-			
WTP Estluent	1 , 1	1	1	MACO	<u>/</u>										<u> </u>						<u>'</u>	 				
WIP Froflyent	175/09	11:00	سل	WATCH	/										_						₩.	\vdash			_	
	<u> </u>													ļ												
· · · · -																					<u> </u>					
<u> </u>																					<u> </u>					
<u></u>														ļ												
	ļ																									
REPORT REQUIREM	IENTS		ICE INFOR		_	Circle	which	metals	are to	b e ana	lyzed:															
I. Routine Report:	Method					To	tal Meta	ls: Al	As	Sb Ba	a Be	В Са	Cd	Co (Or Cu	Fe	Pb M	lg Mr	n Mo	N i	K Ag	Na	Se S	r TI S	Sn V Zn H	łg
Blank, Surrogate required	, as	- 				Dissol	ved Met	als: Al	As	Sb B	a Be	ВС	a Cd	Co	Cr Cı	ı Fe	Pb N	/lg M	n Mo	Ni	K Ag) Na	Se S	r TI	Sn V Zn I	Нg
II. Report Dup., MS	. MSD as	TUDNIA D	OUND RE	0.00544										DURE	: Ak	CA	WI	NOF	RTHW	EST	OTH	ER:		_(CIR	CLE ONE)	_
required	,	1URNAH		48 hr.	ENIS	SPE	CIAL II	NSTR	UCTIO	DNS/C	MMO	ENTS	:													
III. Data Validation I		5 D																								
(includes all raw			ndard (10-15	-	days)																					
V. EDD	Report	Pro	vide FAX Re	sults																						
v. LDD		Re	quested Rep	oort Date																						
RELINQUIS	HED BY:	·		1	RECH	W _E _D	BY:			T		•	REL	INQU	IISHE	D BY:			\top			RE	CEIVE	D BY:		
Ram Lwgli	1429/09	11:00		ande	Æ.	aus	2.0	<u> 2010</u>	14	100	2															_
Printed Name	Date/Time	i Gene	_//>	ature	\mathcal{L}	T D	ate/Tir	g/	Ś		-	nature				te/Tim	10			Signa				Date/	Time	
Printed Name	Firm		TH ift	ed Name	2	F	irm	10		ı	Prin	ited N	ame		Fi	rm			- 1	Printe	ed Nar	me		Firm	-	_

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 sence of a signed and executed contract between the Laboratory ("LAB") and Client, ey 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 my purchase order or other communication from the Client to LAB. The invalidity or enforceability, in whole or in part of any provision, term or condition hereof shall taffect 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 evision, term or condition on any other occasion or a waiver of any other breach by obligation of the Client. This agreement shall be administered and interpreted under the laws of the state from which services are procured.

Warranty. Recognizing that the nature of many samples is unknown and that some y 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 vices. 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 lent's sole risk.

Scope and Compensation. LAB agrees to perform the services described in the proposal or agreement to which these Terms and Conditions are attached. Unless the reties agree in writing to the contrary, the duties of LAB shall not be construed to reed 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 ment of reasonable attorney fees if such expense is incurred. The prices, unless ted, 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 I 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, less specifically indicated on the written confirmation of quotation, analytical around times are not guaranteed. The minimum charge will be \$100,00 unless otherwise noted.

Methods. Where applicable, LAB will use analytical methodologies which are in stantial conformity with U.S. Environmental Protection Agency (EPA), State ency, 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 in these methodologies, if necessary or appropriate, due to the nature or composition he sample or otherwise, based on the reasonable judgment of LAB. Deviations, if any, will be made on a basis consistent with recognized standards of the industry and/or LAB's standard operating procedures.

Limitations of Liability. In the event of any error, omission or other professional negligence, the sole and exclusive responsibility of LAB shall be to reperform the deficient work at its own expense, and LAB shall have no other liability whatsoever, claims shall be deemed waived unless made in writing and received by LAB within ety (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, indirect, dental 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 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, described by contract of the results.

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

Sample Handling. Prior to LAB's acceptance of any sample (or after any action 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 (e) has been delivered to the LAB more than 72 hours after sampling or if one half or more of the recommended holding time for the analysis has lapsed.

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

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

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

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

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

	CITHOLDT		Cooler R	a Analytical Services leceipt and Preservati		PC	Ae	J _	
Pro	ject/Client	BUIN &	é 600	Ver	k Order K240	10280		•	
Cod	oler received on $\frac{12/30}{}$	104	and ope	ened on 12/30/04	by	1			
1.	Were custody seals on out	side of cool		1F		//	FX	Ø	N
2	Were custody seals intact?							C5	N
3.	Were signature and date pr		e custody s	eals?				<u>a</u>)	N
4.	_		-	, record airbill number: 6	15276113	350		Y	M
5.	COC#								
	Temperature of cooler(s) upon rec	eipt: (°C)	2.0			_		
	Temperature Blank:	(°C)		0,4					
	Were samples hand deliver	ed on the s	ame day as	collection?		•		¥	N
6.	Were custody papers prop	erly filled o	ut (ink, sig	ned, etc.)?				Φ	N
7.	Type of packing material p	resent		1CE					
8.	Did all bottles arrive in g		ion (unbro	oken)?		_		Æ T	N
9.	Were all bottle labels com	plete (i.e ar	alysis, pres	servation, etc.)?				Ø.	N
10.	Did all bottle labels and t	ags agree v	vith custody	y papers?				B D	N
11.	Were the correct types of	-						(D)	N
12.	Were all of the preserved	bottles rece	ived at the	lab with the appropriate pl	H ?			Y	N
13.	Were VOA vials checked	for absence	e of air bub	bles, and if present, noted b	elow?			<u> Y</u>	N
14.	Did the bottles originate f	rom CAS/K	or a branc	h laboratory?				Ø	N
15.	Are CWA Microbiology	samples re	eceived wit	h >1/2 the 24hr. hold time	e remaining fi	rom collection?		Y	N
16.	Was C12/Res negative?	-			_			Y	N_
	olain any discrepancies:								
	<u> </u>						_		
DE	SOLUTION:								
KE	SOLUTION	<u> </u>			· · · · · · · · · · · · · · · · · · ·				
Sar	nples that required preser	vation or r	eceived o	ut of temperature:					
							<u> </u>		
	Sample ID	Reagent	Volume	Lot Number	Bottle Type	Rec'd out of Temperature	Initials		
<u></u>					· 				
<u></u>	<u> </u>	ļ <u>.</u>					ļ		
L									

ATTACHMENT B

ANNUAL GROUND WATER MONITORING WELL SAMPLING LABORATORY ANALYTICAL DATA REPORT

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

Proj. Desc:

Package#: 9667 Sample: F1452

Sample Description: MW-5 HP5973 GC/MS#1 Instrument:

Units:

ug/L Number of analytes: **Analytical Results Method: 8260**

> Job No.: 3027.001.11102 Certification NY No.: 10155

12/28/04 Collected:

Received: 12/28/04

Matrix: Water QC Batch: 123004W1

Prepared: 12/30/04 %Solids:

Sample Size: 10 mL

Dilution: 5

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

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

Notes:

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

- Outside control limits U - Undetected at the reported level.

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

E - concentration exceeded the calibration range and is estimated.

Authorized: // (Authorized) Date: January 5, 2005

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

Proj. Desc:

Package#: 9667 Sample: F1457

Sample Description: MW-9
Instrument: HP5973 GC/MS#1

Units: ug/L

Number of analytes: 7

Analytical Results Method: 8260

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

Collected: Received: 1

Prepared:

12/28/04 12/28/04 Matrix: Water

QC Batch: 123004W1

12/30/04 %Solids:

Sample Size: 10 mL

Dilution: 2

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

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

Notes:

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

- Outside control limits U - Undetected at the reported level.

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

E - concentration exceeded the calibration range and is estimated.

Authorized: North Sortue

Date: January 5, 2005 Monika Santucci

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

Proj. Desc:

Package#: 9667
Sample: F1457 DL
Sample Description: MW-9

Instrument: HP5973 GC/MS#1

Units: ug/L

Number of analytes: 7

Analytical Results Method: 8260

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

Collected: 12/28/04

Received: 12/28/04

Prepared:

Matrix: Water

QC Batch: 010305W1

01/03/05 %Solids:

Sample Size: 10 mL

Dilution: 5

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

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

Notes:

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

- Outside control limits U - Undetected at the reported level.

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

E - concentration exceeded the calibration range and is estimated.

Authorized: Norica Santucci

Date: January 5, 2005 Monika Santucci

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

Proj. Desc:

Package#: 9667 Sample: F1456

Sample Description: MW-12 Instrument: HP5973 GC/MS#1

Units: ug/L

Number of analytes:

Analytical Results Method: 8260

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

12/28/04 Collected:

Matrix: Water Received: 12/28/04 QC Batch: 123004W1

Prepared: 12/30/04 %Solids:

Sample Size: 10 mL

Dilution: 1

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

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

Notes:

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

- Outside control limits U - Undetected at the reported level.

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

E - concentration exceeded the calibration range and is estimated.

Authorized: North Sanluce Date: January 5, 2005

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

Proj. Desc:

Package#: 9667 Sample: F1451

Sample Description: MW-14

HP5973 GC/MS#1 Instrument:

Units: ug/L

Number of analytes: 7

Analytical Results Method: 8260

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

Collected:

12/28/04

Matrix: Water

Received: 12/28/04 QC Batch: 123004W1

Prepared: 12/30/04 %Solids:

Sample Size: 10 mL

Dilution: 10

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

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

Notes:

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

- Outside control limits U - Undetected at the reported level.

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

E - concentration exceeded the calibration range and is estimated.

Date: January 5, 2005

Monika Santucci

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

Proj. Desc:

Package#: 9667 Sample: F1461

Sample Description: MW-15B HP5973 GC/MS#1

Instrument:

Units: ug/L

Number of analytes: 7

Analytical Results Method: 8260

Job No.: 3027.001.11102 Certification NY No.: 10155

12/28/04 Collected:

Received:

12/28/04

Matrix: Water

QC Batch: 010305W1

Prepared: 01/03/05 %Solids:

Sample Size: 10 mL

Dilution: 1

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

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

Notes:

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

- Outside control limits U - Undetected at the reported level.

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

E - concentration exceeded the calibration range and is estimated.

Authorized: Date: January 5, 2005

Monika Santucci

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

Proj. Desc:

Package#: 9667 Sample: F1462

Sample Description: MW-16B Instrument: HP5973 GC/MS#1

Units: ug/L

Number of analytes: 7

Analytical Results Method: 8260

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

Collected: 12/28/04

Matrix: Water

Received: 12/28/04 Prepared: 01/03/05 QC Batch: 010305W1

ed: 01/03/05 %Solids:

Sample Size: 10 mL

Dilution: 1

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

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

Notes:

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

- Outside control limits U - Undetected at the reported level.

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

E - concentration exceeded the calibration range and is estimated.

Authorized: Morika Santucci

Date: January 5, 2005 Monika Santucci

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

Proj. Desc:

Package#: 9667 Sample: F1455

Sample Description: MW-17 Instrument:

HP5973 GC/MS#1

Units: ug/L

Number of analytes:

Analytical Results Method: 8260

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

12/28/04 Collected:

12/28/04 QC Batch: 123004W1

Received: Prepared: 12/30/04 Matrix: Water

%Solids:

Sample Size: 10 mL

Dilution: 10

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

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

Notes:

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

- Outside control limits U - Undetected at the reported level.

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

E - concentration exceeded the calibration range and is estimated.

Authorized North Sonline Date: January 5, 2005

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

Proj. Desc:

Units:

Package#: 9667 Sample: F1459

Sample Description: MW-21 HP5973 GC/MS#1

Instrument:

ug/L Number of analytes: 7

Analytical Results Method: 8260

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

12/28/04 Collected:

12/30/04

Received: 12/28/04 Prepared:

Matrix: Water

QC Batch: 123004W1

%Solids:

Sample Size: 10 mL

Dilution: 1

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

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

Notes:

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

- Outside control limits U - Undetected at the reported level.

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

E - concentration exceeded the calibration range and is estimated.

Morita Santucci Authorized:

Date: January 5, 2005 Monika Santucci

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

Proj. Desc:

Package#: 9667 Sample: F1458

Sample Description: MW-22 Instrument: HP5973 GC/MS#1

Units: ug/L

Number of analytes: 7

Analytical Results Method: 8260

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

12/28/04 Collected:

Received: 12/28/04

Prepared:

Matrix: Water

QC Batch: 123004W1

12/30/04 %Solids:

Sample Size: 10 mL

Dilution: 2

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

	₹R
%R	Qual Limits
108	78 - 120
117	71-126
93	80-120
89	78-120
	108 117 93

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 Santucci Date: January 5, 2005

Monika Santucci

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

Proj. Desc:

Package#: 9667 Sample: F1460

Sample Description: MW-24 Instrument: HP5973 GC/MS#1

Units: ug/L

Number of analytes: 7

Analytical Results Method: 8260

Job No.: 3027.001.11102 Certification NY No.: 10155

12/28/04 Collected:

Matrix: Water

Received: 12/28/04 QC Batch: 123004W1

Prepared: 12/30/04 %Solids:

Sample Size: 10 mL

Dilution: 10

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

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

Notes:

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

- Outside control limits U - Undetected at the reported level.

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

E - concentration exceeded the calibration range and is estimated.

Authorized: Noute

Monika Santucci Date: January 5, 2005

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

Former Accurate Die - Fayetteville, NY

Analytical Results Method: 8260

> Job No.: 3027.001.11102 Certification NY No.: 10155

Project: Proj. Desc:

Package#: 9667 Sample: F1453

Sample Description: PZ-1

HP5973 GC/MS#1 Instrument:

Units: ug/L

Number of analytes: 7

12/28/04 Collected:

Received: 12/28/04

Prepared:

12/30/04

Matrix: Water

QC Batch: 123004W1 %Solids:

Sample Size: 10 mL

Dilution: 5

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

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

Notes:

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

- Outside control limits U - Undetected at the reported level.

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

E - concentration exceeded the calibration range and is estimated.

Authorized: Moreka Date: January 5, 2005

Monika Santucci

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

Proj. Desc:

Package#: 9667 Sample: F1454

Sample Description: PZ-2

HP5973 GC/MS#1 Instrument:

Units: ug/L

Number of analytes: 7

Analytical Results Method: 8260

Job No.: 3027.001.11102 Certification NY No.: 10155

12/28/04 Collected: Received: 12/28/04

Matrix: Water

Prepared: 12/30/04 QC Batch: 123004W1

%Solids:

Sample Size: 10 mL

Dilution: 5

Parameter	Result	Qual	PQL	Analyzed Notes
Methylene chloride	<10.	U	10.	12/30/04
trans-1,2-Dichloroethene	<2.5	U	2.5	12/30/04
cis-1,2-Dichloroethene	<2.5	U	2.5	12/30/04
Trichloroethene	130.		2.5	12/30/04
Toluene	<2,5	U	2.5	12/30/04
Tetrachloroethene	<2.5	U	2.5	12/30/04
1,1,2,2-Tetrachloroethane	<2.5	U	2.5	12/30/04

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

Notes:

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

- Outside control limits U - Undetected at the reported level.

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

E - concentration exceeded the calibration range and is estimated.

Authorized: North Sollier Date: January 5, 2005

Monika Santucci

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

Proj. Desc:

Package#: 9667 Sample: F1463

Sample Description: QC Trip Blank HP5973 GC/MS#1

Instrument:

Units: ug/L

Number of analytes:

Analytical Results Method: 8260

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

12/28/04 Collected:

Prepared:

Matrix: Water

Received: 12/28/04 QC Batch: 010305W1 01/03/05

%Solids:

Sample Size: 10 mL

Dilution: 1

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

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

Notes:

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

- Outside control limits U - Undetected at the reported level.

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

E - concentration exceeded the calibration range and is estimated.

Date: January 5, 2005 Monika Santucci

5000 Brittonfield Parkway

Chain of Custody

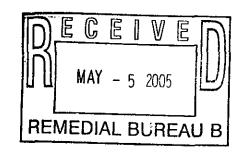
East Syracuse, New York 13057 (315) 437-0200

Client:									Ar	alysis	/Meth	od	
Project: Accurate Dia							$\sqrt{-1}$	7		-7			
Sampled by:] /	(8)	. [- /			9667
Client Contact:	hone #					1 /	157					$\int_{\mathbb{R}}$	•
Sample Des	cription	· ·				1/3	10 Sec.						
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	1/	`/				<u> </u>		Comments
MW-141	12/28/24	12.15	WinTet	Grab	3	X							
MW-5		1302			1 1	<u> </u>			ļ	 			
P 2 - 1		1330									<u> </u>		
P7-2	'	1340					<u> </u>		<u> </u>				
MW-17		1402							.				
MN-12	1_1_	1470					_	<u> </u> _					
MN-9		1435		_ _			_				<u> </u>		
11W-22		1445							ļ. <u></u>				
MW- 21		1500			<u> _ </u>								
pnw-24		1530											
MW- 15B		1540					<u> </u>		<u> </u>	<u> </u>			
MW- 168		1600	•	₩	*	₩							
Relinquished by: VVI VLLL2	Da	te: ₍₂ /2%/	04 Tin	18: <i>475</i>	Receive	d by:					D	ate:	Time:
Relinquished by:	Da		Tin	76;53 ne:	Receive	ed by:	/	1 _			<u></u>	ate:	Time:
Relinquished by:	Da	te:	Tin	ne:	Receive	d by L	ab.	\sim	do	2 <i>U</i>	D	ate: A	2664Time: 4:55
Shipment Method:					Airbill N	umber:		0					
Turnaround Time Required:	Comments	2 7	rif l	Lank	5 For	vo	is						

Turnaround Time Required:	Comments:	2 Trif	blank.
Routine		•	•
Rush (Specify)	1		
Cooler Temperature 4°C W	lliceol		
Cooler Temperature: 7			



May 3, 2005



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

Re: Former Accurate Die Casting Site

Fayetteville, NY

File: 2488/25463 #2

Dear Mr. Grathwol:

This letter presents the status of ground water treatment plant operations for the former Accurate Die Casting site in Fayetteville, New York for the first quarter of 2005 (December 30, 2004 through March 31, 2005). This information is provided as required by the Order on Consent (#A7-0318-94-10). Included are the results of the monitoring activities associated with the SPDES Fact Sheet for the groundwater treatment system.

Operation Status & Activities Completed:

- 1. As of March 31, 2005, a total of 62,142,440 gallons of groundwater has been treated since startup on February 5, 1996. Since December 30, 2004, 1,127,150 gallons of groundwater have been treated; 319,620 gallons from recovery well RW-1, 807,200 gallons from recovery well RW-2, 260 gallons from the sump located outside the northeast corner of the building, and 70 gallons from the groundwater collection trench constructed in the former VOC/PAH/PCB Soils Area.
- 2. O'Brien & Gere performed the sampling activities associated with the SPDES Fact Sheet (#734052). The analytical results associated with the SPDES Fact Sheet monitoring activities performed in January, February, and March 2005 are summarized in Table 1. The laboratory analytical data sheets are provided as Attachment A.

Activities Scheduled:

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

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

Very truly yours,

O'BRIEN & GERE ENGINEERS, INC.

Alfred R. Farrell, P.E. Project Associate

Mr. John C. Grathwol, P.E. May 3, 2005 Page 2

James Burke - NYSDEC Region 7 cc:

H. Hamel – NYSDOH

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

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



Analyte (units)	Effluent 1/7/2005	Effluent 1/10/2005	Effluent 1/11/2005	Effluent 1/12/2005	Effluent 1/13/2005	Effluent 1/14/2005	Effluent 1/17/2005	Effluent 1/18/2005	Effluent 1/19/2005
Flow (GPD)	12,260	12,203	12,130	12,270	12,240	12,300	12,301	12,500	12,509
pH (SU)	7.29	7.25	7.22	7.22	7.22	7.22	7.29	7.31	7.29
Residue, non-filterable (mg/L)					5.0 U				===
Total dissolved solids (TDS) (mg/L)					400				
Mercury, total (mg/L)	***	***	***	***			***		***
Zinc, total (mg/L)									
cis-1,2-Dichloroethene (ug/L)	· · · · · · · · · · · · · · · · · · ·							:: 	
trans-1,2-Dichloroethene (ug/L)		was		####				, (), ()	
Methylene chloride (ug/L)									770
1,1,2,2-Tetrachloroethane (ug/L)								***	
Tetrachloroethene (ug/L)									
Toluene (ug/L)			***	0.54					
Trichloroethene (ug/L)								•••	
Agricultural designation of the second secon				:					
	 -								
				*	<i>y</i>				

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



Analyte (units)	Effluent 1/20/2005	Effluent 1/24/2005	Effluent 1/25/2005	Effluent 1/26/2005	Effluent 1/28/2005	Effluent 1/31/2005	Effluent 2/1/2005	Effluent 2/2/2005	Effluent 2/3/2005
Flow (GPD)	12,250	12,528	12,881	12,560	12,449	12,500	12,490	12,440	12,560
pH (SU)	7.29	7.31	7.31	7.26	7.23	7.21	7.21	7.19	7.21
Residue, non-filterable (mg/L)	5.0 U	*			5.0 U				5.0 U
Total dissolved solids (TDS) (mg/L)	590	***			610				530
Mercury, total (mg/L)			744	***					
Zinc, total (mg/L)									***
				1.124.31				:	
cis-1,2-Dichloroethene (ug/L)	0.50 U								0.50 U
trans-1,2-Dichloroethene (ug/L)	0.50 U			***	***				0.50 U
Methylene chloride (ug/L)	2.0 U							***	2.0 U
1,1,2,2-Tetrachloroethane (ug/L)	0.50 U		:					-	0.50 U
Tetrachloroethene (ug/L)	0.50 U		•••						0.50 U
Toluene (ug/L)	0.50 U								0.50 U
Trichloroethene (ug/L)	0.50 U								0.50 U
									· · · · · · · · · · · · · · · · · · ·
			The state of the s						
					<u> </u>				

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



Analyte (units)	Effluent 2/4/2005	Effluent 2/7/2005	Effluent 2/8/2005	Effluent 2/9/2005	Effluent 2/10/2005	Effluent 2/11/2005	Effluent 2/14/2005	Effluent 2/15/2005	Effluent 2/16/2005
Flow (GPD)	12,410	12,050	12,320	12,470	12,442	12,469	12,393	12,390	12,470
oh (SU)	7.19	7.19	7.18	7.18	7.18	7.19	7.19	7.17	7.19
Residue, non-filterable (mg/L)					5.0 U				
Total dissolved solids (TDS) (mg/L)				***	620			man dan hap	
Mercury, total (mg/L)		***		***					
Zinc, total (mg/L)	***								
ris-1,2-Dichloroethene (ug/L)									
rans-1,2-Dichloroethene (ug/L)	***		***					waa / 11 / 1	
Methylene chloride (ug/L)									
,1,2,2-Tetrachloroethane (ug/L)									
Tetrachloroethene (ug/L)									
Toluene (ug/L)				***					
Frichloroethene (ug/L)									
					ay i i i				
							,	· ·	
					· . · · · · · · · · · · · · · · · · · ·		<u> </u>		

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



Analyte (units)		Effluent 2/16/2005	Effluent 2/17/2005	Effluent 2/21/2005	Effluent 2/22/2005	Effluent 2/23/2005	Effluent 2/24/2005	Effluent 2/25/2005	Effluent 2/28/2005	Effluent 3/1/2005
Flow (GPD)		12,380	12,306	12,387	12,368	12,570	12,300	12,430	12,407	12,470
pH (SU)		7.19	7.17	7.17	7.17	7.17	7.16	7.17	7.17	7.17
Residue, non-filterable (mg/L)		5.0 U					5.0 U			
Total dissolved solids (TDS) (mg/L)		610	***				530			
Mercury, total (mg/L)				***	***				***	
Zinc, total (mg/L)										
cis-1,2-Dichloroethene (ug/L)		0.50 U								
trans-1,2-Dichloroethene (ug/L)		0.50 U	***	***		***	***			
Methylene chloride (ug/L)		2.0 U								
1,1,2,2-Tetrachloroethane (ug/L)		0.50 Ü								
Tetrachloroethene (ug/L)		0.50 U		•••	***				***	
Toluene (ug/L)		0.50 U_								
Trichloroethene (ug/L)		0.50 U								
	· · · · · · · · · · · · · · · · · · ·			_	······				_	
	<u>[84]</u>		· is					<u>, 2.</u>		

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



Analyte (units)	Effluent 3/2/2005	Effluent 3/3/2005	Effluent 3/4/2005	Effluent 3/7/2005	Effluent 3/8/2005	Effluent 3/9/2005	Effluent 3/10/2005	Effluent 3/11/2005	Effluent 3/14/2005
Flow (GPD)	12,340	12,350	12,400	12,326	12,520	12,230	12,370	11,820	12,587
pH (SU)	7.18	7.17	7.19	7.19	7.19	7.19	7.19	7.19	7.19
Residue, non-filterable (mg/L)			5.0 U				5.0 U		===
Total dissolved solids (TDS) (mg/L)			420				610		
Mercury, total (mg/L)	——————————————————————————————————————	***	***			<u> </u>			***
Zinc, total (mg/L)									
							-		
cis-1,2-Dichloroethene (ug/L)			0.50 U						
trans-1,2-Dichloroethene (ug/L)			0.50 U						
Methylene chloride (ug/L)			2.0 U						
1,1,2,2-Tetrachloroethane (ug/L)			0.50 U						
Tetrachloroethene (ug/L)			0.50 U						
Toluene (ug/L)			0.50 U						
Trichloroethene (ug/L)			0.50 U						
1	. :			27	Ž., ÷				
				75		-			

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



Analyte (units)	Effluent 3/15/2005	Effluent 3/16/2005	Effluent 3/17/2005	Effluent 3/18/2005	Effluent 3/21/2005	Effluent 3/22/2005	Effluent 3/23/2005	Effluent 3/24/2005	Effluent 3/25/2005
Flow (GPD)	12,350	12,360	12,350	12,519	12,369	12,400	12,440	12,284	12,449
pH (SU)	7.19	7.19	7.19	7.19	7.19	7.17	3.17	7.17	7.19
Residue, non-filterable (mg/L)			5.0 U					5.0 U	
Total dissolved solids (TDS) (mg/L)	***	444	600			***	***	600	
Mercury, total (mg/L)									
Zinc, total (mg/L)									
cis-1,2-Dichloroethene (ug/L)			0.50 U						
trans-1,2-Dichloroethene (ug/L)			0.50 U						
Methylene chloride (ug/L)			2.0 U						
1,1,2,2-Tetrachloroethane (ug/L)			0.50 U			•••			
Tetrachloroethene (ug/L)			0.50 U						
Toluene (ug/L)	-		0.50 U			 -			
Trichloroethene (ug/L)	*		0.5 U		***		***	***	***
	And the state of t								
			· · · · · · · · · · · · · · · · · · ·		·.			······································	
			_						

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



12,550	12,590 7.17 5.0 U 600					
	5.0 U 600					
	600					
				:	773	
	*::	 			: :	
	<u></u>		<u> </u>			
	- i - an - wann - an - an - an - an - an - 	 		-	 	
_						

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

ATTACHMENT A

SPDES PERMIT COMPLIANCE MONITORING LABORATORY ANALYTICAL DATA REPORT

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

Proj. Desc:

Package#: 9714 Sample: F1712

Sample Description: WTP Influent Instrument: HP5973 GC/MS#1

Units: ug/L

Number of analytes: 7

Analytical Results Method: 8260

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

Collected: 01/06/05

06/05 Matrix: Water

Received: 01/06/05 Prepared: 01/12/05 QC Batch: 011205W1

%Solids:

Sample Size: 10 mL

Dilution: 50

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

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

Notes:

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

- Outside control limits U - Undetected at the reported level.

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

E - concentration exceeded the calibration range and is estimated.

Authorized: Norica Soluce

Date: January 12, 2005 Monika Santucci

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

Proj. Desc:

Package#: 9714 Sample: F1713

Sample Description: WTP In-between Instrument: HP5973 GC/MS#1

Units: ug/L

Number of analytes: 7

Analytical Results Method: 8260

> Job No.: 3027.001.11102 Certification NY No.: 10155

Collected: •01/06/05

Matrix: Water 01/06/05 QC Batch: 011205W1

Received: Prepared: 01/12/05

%Solids:

Sample Size: 10 mL

Dilution: 1

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

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

Notes:

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

- Outside control limits U - Undetected at the reported level.

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

E - concentration exceeded the calibration range and is estimated.

Date: January 12, 2005

Monika Santucci

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

Proj. Desc:

Package#: 9714 Sample: F1714

Sample Description: WTP Effluent

Instrument:

HP5973 GC/MS#1

Units: ug/L

Number of analytes: 7

Analytical Results Method: 8260

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

Collected: 01/06/05

01/06/05

Matrix: Water

Received: 01/06/05

QC Batch: 011205W1

Prepared: 01/12/05 %Solids:

Sample Size: 10 mL

Dilution: 1

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

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

Notes:

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

- Outside control limits U - Undetected at the reported level.

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

E - concentration exceeded the calibration range and is estimated.

Authorized: Norika Santucci

Date: January 12, 2005 Monika Santucci

Analytical Results Trace Metals

Job No.: 3027.001.11102

Certification NY No.: 10155

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

Proi. Desc: Package#: 9714

Collected: 01/06/05 Matrix: Water Sample: F1710

Received: 01/06/05 Sample Description: WTP Effluent %Solids:

Number of analytes: 2 Units: mg/L

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

Notes:

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

U - Undetected at the reported level.

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

E - Concentration exceeded the calibration range and is estimated.

Date: January 18, 2005

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#: 9714

Collected: 01/06/05

Matrix: Water

Sample: F1711
Sample Description: WTP Influent

Received: 01/06/05

%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	01/10/05	01/10/05	011005W1	1	
Zinc	.044		200.7	.010	01/07/05	01/11/05	010705W2	1	

Notes:

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

U - Undetected at the reported level.

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

E - Concentration exceeded the calibration range and is estimated.

Authorized: North Sorther

Date: January 18, 2005 Monika Santucci

Analytical Results Wet Chemistry

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

Proj. Desc:

Package#: 9714 Sample: F1710

Samp. Description: WTP Effluent

Job No.: 3027.001.11102 Certification NY No.: 10155

Collected: 01/06/05

Received: 01/06/05 10:45

Matrix: Water Number of Analytes: 2

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

Notes:

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

U - Undetected at the reported level.

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

E - Concentration exceeded the calibration range and is estimated.

Authorized: North Santucci

Date: January 19, 2005 Monika Santucci

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

Chain of Custody

97139714 Client: / Analysis/Method ACCURATE Die CAST Project: Sampled by: Phone # 23/6 **Client Contact:** Sample Description Date Time Sample Comp. No. of Comments Sample Location Collected Collected Matrix or Grab Containers 10:00 WARM luatei 7:00 WATO 1.00 water 2 WATOR anab 7:00 2__ 2 Grab 2 7:00 WATES ´Time: / いひら Relinquished by: Received by: Date: Time: Received by: Date: Time: Relinquished by: Date: Time: Received by Lab: Relinquished by: Date: Time: Date: Airbill Number: Shipment Method:

Turnaround	Time	Required:
Rout		i

Comments:

Rush (Specify)

Cooler Temperature:__

FC VEN FORD

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#: 9752

Sample: F1919

Samp. Description: WTP EFFLUENT

Job No.: 3027.001.11102 Certification NY No.: 10155

Collected: 01/13/05

Received: 01/13/05 11:25

Matrix: Water Number of Analytes: 2

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

Notes:

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

U - Undetected at the reported level.

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

E - Concentration exceeded the calibration range and is estimated.

Date: February 1, 2005 Monika Santucci

5000 Brittonfield Parkway

Chain of Custody

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

Client: OGINA						Analysis/Method							
Project: Former Accurate	e D,	e CA	st			7		7		\overline{I}	7		0750
Sampled by: Rich ARD MS/Aughlin					3						9130		
· · · · · · · · · · · · · · · · · · ·	hone #		6			/ \							·
Sample Des	cription					1/5							
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers		/			/	<i> </i> -		Comments
WTP Efflient	1/13/05	10:00	WATO	Corp	1								
	ļ	<u> </u>		<u> </u>					<u> </u>			<u> </u>	
	 -												
	 		<u>.</u> .										
	 		ļ						 				
		7											
					,								
	ļ				 								·
	<u> </u>	<u> </u>	<u> </u>										
Relinquished by Winnell Holl de	Da	le: ///3/	Time کون	11:25	Receive	d by:					Di	ate:	Time:
Relinquished by:	Date: Time: Receive		d by:		1 _	<u> </u>		De	ite:	Time:			
Relinquished by:	Da	le:	Time		Receive	d by Lat		(<u>)</u>	CO	X	Ž De	ite: ///	3/25 Time: //:25
Shipment Method: Amd,					Airbill Nu	umber:		9			<u> </u>		
Turnaround Time Required:	omments	•											

Turnaround Time	Requirea:
Routine	
Buch (Spe	oif.

Original - Laboratory Copy - Client

Analytical Results Method: 8260

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#: 9784 Sample: F2126

01/20/05 Collected: Matrix: Water

01/20/05

Sample Description: WTP EFFLUENT-GRAB

QC Batch: 012705W1

Instrument: HP5973 GC/MS#1 Units: ug/L

Number of analytes: 7

Prepared: 01/27/05 %Solids:

Received:

Sample Size: 10 mL

Dilution: 1

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

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

Notes:

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

- Outside control limits U - Undetected at the reported level.

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

E - concentration exceeded the calibration range and is estimated.

Date: January 31, 2005 Monika Santucci

Analytical Results Wet Chemistry

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

Proj. Desc:

Package#: 9784

Sample: F2125

Samp. Description: WTP EFFLUENT-COMP

Job No.: 3027.001.11102 Certification NY No.: 10155

Collected: 01/20/05

Received: 01/20/05 11:20

Matrix: Water
Number of Analytes: 2

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

Notes:

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

U - Undetected at the reported level.

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

E - Concentration exceeded the calibration range and is estimated.

Authorized: North Sonline

Date: February 7, 2005 Monika Santucci

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

Chain of Custody

Client: AGINA							Analysis/Method .						
Project: Former Accurate Die Cast							$\Gamma \gamma$	1	7	1	\neg	7	0-01
Sampled by: Richard McLaughlin] /	_ ر \	0					9769
Client Contact: Al France// Phone # 23/6							12	9260					'
Sample Description]/,							
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	1:0	1 2		/		<i> </i>		Comments
WTP ESLIWENT	1/20/05	10:00	WATCH	Comp	_/_	1							
WTP Effluent	1/20/05	10:00	WATER	GRAS	2		2	: 	<u> </u>				
	<u> </u>			<u> </u>				!					
	 			<u> </u>			 		 	<u> </u>	\- <u></u>		
				<u> </u>			 			<u> </u>			
	.						<u> </u>						
	<u> </u>						 		<u> </u>		ļ		
	-			<u> </u>		,	 		 		 -		
	 			<u> </u>		 	 		 		 -		
Relinquished by Richard Ligh Land Date: 1/10/05 Time: //120 Receive				Receive	d by:		l <u> </u>	<u>.</u>	1	D:	ate: , .	Time:	
Relinquished by:	Z			Receive	ed by:			Date: Time:					
Relinquished by:	Date: Time: Receive				red by Lab: Date: //ado - Time:// 20					107 Time://:20			
Shipment Method: Airbill Nu				umber:		•				-			
Turnaround Time Required:	Comments	:		×									

Routine Required Rush (Specify)

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#: 9836

Sample: F2420

Samp. Description: WTP EFFLUENT

Job No.: 3027.001.11102 Certification NY No.: 10155

Collected: 01/28/05

Received: 01/28/05 12:20

Water Matrix:

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.	01/31/05	013105W15	1	
Total suspended solids	<5.0	U	mg/L	EPA 160.2	5.0	01/31/05	013105W14	1	

Notes:

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

U - Undetected at the reported level.

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

E - Concentration exceeded the calibration range and is estimated.

Date: February 9, 2005

Monika Santucci

5000 Brittonfield Parkway
East Syracuse, New York 13057

Chain of Custody

(315) 437-0200 Client: Analysis/Method 36-11VA Project: HICKMATE Sampled by: Phone # **Client Contact: Sample Description** Date Time Sample Comp. No. of Comments Sample Location Collected Collected Matrix or Grab Containers 1/28/05/10:00 waren By 1/05 Time: 12:20 Relinquished by: Received by: Date: Date: Time: Date: Time: Received by: Date: Relinquished by: Time: Time: (FD) Relinquished by: Date: Time: Received by Lab Date: Shipment Method: TAND Airbill Number:

Turnaround Time Required: 🦯								
Routine								
Rush (Specify	·)							
Cooler Temperature	hor (Jach)							

Comments:

Original - Laboratory Copy - Client

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

Proj. Desc:

Package#: 9866 Sample: F2551

Sample Description: WTP EFFLUENT-GRAB

Instrument: HP5973 GC/MS#1

Units: ug/L

Number of analytes: 7

Analytical Results Method: 8260

Job No.: 3027.001.11102 Certification NY No.: 10155

Collected: 02/03/05

2/03/05 Matri

Matrix: Water

Received: 02/03/05 Prepared: 02/03/05 QC Batch: 020305W1

: 02/03/05 %Solids:

65011as:

Sample Size: 10 mL

Dilution: 1

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

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

Notes:

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

- Outside control limits U - Undetected at the reported level.

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

E - concentration exceeded the calibration range and is estimated.

Authorized: Norta Santucci

Date: February 4, 2005 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#: 9866 Sample: F2552

Sample Description: WTP IN-BETWEEN

Instrument: HP5973 GC/MS#1

Units: ug/L

Number of analytes: 7

Analytical Results Method: 8260

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

Collected: 02/03/05

Received:

3/05 Matrix: Water

02/03/05 QC Batch: 020305W1

Prepared: 02/03/05 %Solids:

Sample Size: 10 mL

Dilution: 1

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

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

Notes:

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

- Outside control limits U - Undetected at the reported level.

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

E - concentration exceeded the calibration range and is estimated.

Authorized: Norta Sonluce

Date: February 4, 2005 Monika Santucci

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

Analytical Results Wet Chemistry

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

Proj. Desc:

Package#: 9866

Sample: F2550

Samp. Description: WTP EFFLUENT-COMP

Job No.: 3027.001.11102 Certification NY No.: 10155

Collected: 02/03/05

Received: 02/03/05 10:45

Matrix: Water

Number of Analytes: 2

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

Notes:

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

U - Undetected at the reported level.

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

E - Concentration exceeded the calibration range and is estimated.

Authorized: Nowton e

Date: February 16, 2005 Monika Santucci

5000 Brittonfield Parkway
East Syracuse, New York 13057

Chain of Custody

(315) 437-0200

lient: OGINA						Analysis/Method							
Project: Former AccurATE D	ie Cur	s <i>f</i>				7	7	\neg		7	7		0011
Project: Former Accusate D. Sampled by: RICHARD ME LAUGH	lin					/	72	CC	2/				7666
Client Contact: A Farrel F	hone #	2316				/>	D.	2260	205				·
Sample Description									1				
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers			12		/	<u>/</u> :		Comments
WTCEFAvent	2/3/05	10:00	WATOI	Comp	/								
WTP Effluent WTP IN -Between	2/3/05	10:00	WMa	6nd	3		3						
WTP IN -Between	2/3/00	14:00	WATER	Grab	3			3					
	,												
	<u> </u>												
	ļ												
	<u> </u>	 							!				
	ļ	ļ											,
	<u> </u>												
	<u> </u>		`	<u>, </u>									
	<u> </u>	<u> </u>											· · · · · · · · · · · · · · · · · · ·
12: 10/1021		<u> </u>	·	<u> </u>									
Relinquished by: Thibun a Mough	Da	ite:2/3/c) Time	10.45	Receive	d by:					Da	ite:	Time:
Relinquished by:	Da	ile:	Time	· 	Receive	d by:					Da	te:	Time:
Relinquished by:	Da	ite:	Time		Receive	d by Lat	»: <i>\\\\</i>	نما	ika	Jan	Juai Da	te: 24	3/05 Time: 10:45
Shipment Method: Hinn D					Airbill Nu	ımber:							
Turnaround Time Required:	Comments	ï				•							

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#: 9900

Sample: F2729

Samp. Description: WTP EFFLUENT

Job No.: 3027.001.11102 Certification NY No.: 10155

Collected: 02/10/05

Received: 02/10/05 11:27

Matrix: Water Number of Analytes: 2

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

Notes:

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

U - Undetected at the reported level.

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

E - Concentration exceeded the calibration range and is estimated.

Authorized:

Date: February 24, 2005 Monika Santucci

Cooler Temperature:

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

Chain of Custody

Copy - Client

Client: Analysis/Method GINIA Accurate Die Cast Project: Sampled by: Phone # 23/6 **Client Contact:** Sample Description Date Time Sample Comp. No. of Comments Sample Location Collected Collected Matrix or Grab |Containers LITP Effluent 10:00 10:00 05 Time: /// 29 Relinquished by: Received by: Date: Time: Relinquished by: Date: Time: Received by: Date: Time: Date: 3. Received by La Relinquished by: Date: Time: Shipment Method: Airbill Number: Turnaround Time Required: Comments: Routine_ Rush (Specify) Original - Laboratory

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

Proj. Desc:

Package#: 9944 Sample: F3087

Sample Description: WTP EFFLUENT-GRAB

Instrument: HP5973 GCMS#3

Units: ug/L

Number of analytes: 7

Analytical Results Method: 8260

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

Collected: 02/1

02/16/05

Matrix: Water

Received: 02/17/05

QC Batch: 022405W3

Prepared: 02/24/05 %Solids:

Sample Size: 10 mL

Dilution: 1

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

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

Notes:

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

- Outside control limits U - Undetected at the reported level.

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

E - concentration exceeded the calibration range and is estimated.

Authorized: North Santucci

Date: February 25, 2005 Monika Santucci

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

Analytical Results Wet Chemistry

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

Proj. Desc:

Package#: 9944

Sample: F3086

Samp. Description: WTP EFFLUENT-COMP

Job No.: 3027.001.11102 Certification NY No.: 10155

Collected: 02/16/05

Received: 02/17/05 11:05

Matrix: Water Number of Analytes: 2

Parameter	Result	Q	Units	Met	hod	PQL	Analyzed	QC Batch	Dil	Note
Total dissolved solids	610.	_	mg/L	EPA	160.1	10.	02/22/05	022205W12	1	
Total suspended solids	<5.0	U	mg/L	EPA	160.2	5.0	02/23/05	022305 W 4	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 1, 2005

Monika Santucci

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

Chain of Custody

Client: 06/11/14 Analysis/Method Project: Former Accurate Die Cast Sampled by: Phone # 23/6 **Client Contact:** Sample Description Date Time Sample Comp. No. of Comments Sample Location Collected | Collected Matrix or Grab |Containers 10:30 WATO 3 VILATER PORTS 16/05 10:30 Relinquished by: 65 Time: //;05 Received by: Date: Time: Received by: Relinquished by: Date: Time: Date: Time: Received by Lal Relinquished by: Date: Time: MAND **Shipment Method:** Airbill Number:

Turnaround Time Requ	Comments:	
Routine		
Rush (Specify)_		
Cooler Temperature:	8°C	welliced

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#: 9964

Sample: F3187

Samp. Description: WTP EFFLUENT

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

Collected: 02/24/05

Received: 02/24/05 10:50

Matrix: Water Number of Analytes: 2

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

Notes:

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

U - Undetected at the reported level.

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

E - Concentration exceeded the calibration range and is estimated.

Authorized:

Date: March 6, 2005

Monika Santucci

North Sontuce

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

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

Proj. Desc: Package#: 7 Sample: F3468

Sample Description: WTP EFFLUENT-GRAB

Instrument: HP5973 GC/MS#1

Units: ug/L

Number of analytes:

Analytical Results Method: 8260

Job No.: 3027.001.11102 Certification NY No.: 10155

03/04/05 Collected:

Matrix: Water

Received: 03/04/05 QC Batch: 030705W1

Prepared: 03/07/05

%Solids: Sample Size: 10 mL

Dilution: 1

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

	0	%R
Surrogate	%R	Qual Limits
Dibromofluoromethane (surrogate)	94	78-120
1,2-Dichloroethane-d4 (surrogate)	88	71-126
Toluene-d8 (surrogate)	97	80-120
Bromofluorobenzene (surrogate)	89	78 - 120

Notes:

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

- Outside control limits U - Undetected at the reported level.

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

E - concentration exceeded the calibration range and is estimated.

Authorized: /Kowa Date: March 8, 2005

Monika Santucci

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

Proj. Desc: Package#: 7 Sample: F3469

Sample Description: WTP BETWEEN

Instrument: HP5973 GC/MS#1

Units: ug/L

Number of analytes: 7

Analytical Results Method: 8260

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

Collected: 03/04/05

4/05 Matrix: Water

Received: 03/04/05 Prepared: 03/07/05 QC Batch: 030705W1

%Solids:

Sample Size: 10 mL

Dilution: 1

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

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

Notes:

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

- Outside control limits U - Undetected at the reported level.

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

E - concentration exceeded the calibration range and is estimated.

Authorized: Monika Santucci

Date: March 8, 2005 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#: 7 Sample: F3467

Samp. Description: WTP EFFLUENT-COMP

Collected: 03/04/05

Received: 03/04/05 10:35

Job No.:

Matrix: Water

Number of Analytes: 2

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

Notes:

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

U - Undetected at the reported level.

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

E - Concentration exceeded the calibration range and is estimated.

Authorized: North Date: March 12, 2005 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: OG/N/A						Analysis/Method							
Project: Furmen Accurage I	Diè Ci	ast				7	7	7	$\neg \neg$	7	• 7	/	
Sampled by: Richaro MELA	166/	ند				1 /	5/	760	≤ 1			_/\	7
Client Contact: A/ Funce// Phone # 23 16						1 / \	D.	3/3	705			_ /	(
						1/ (Ŋ	7	- I	/			
Sample Des	cription	<u> </u>				1/10		40° 5	'/		1		
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	1	1 2	13	/		/		Comments
WTP Effluent	3/4/05	10:00	WATCH	Com	/	1							
WITH ESHWENT	3/4/05	10:00	WATER	l / '.	3		3	·					
WIT Between	3/4/05	10.00	WATO	Gnnb	3			3	 				
	ļ <u>'</u>					ļ							
				<u> </u>									
												<u>,</u> _	
						 							
	 			<u> </u>		-							
	<u> </u>		·		<u> </u>								
	 			 		 				•			
				<u> </u>									
Relinquished by: Lucken a Man Am	Da	te:3/4/6	7 Time	10:35	Receive	d by:	<u> </u>				Da	ite:	Time:
Relinquished by:	Da	te:	Time	:	Receive	ed by:	A				Da	ite:	Tìme:
Relinquished by:	Da	le:	Time	:	Receive	d by La	b://	Mac	K		Da	ite: 3/4	1/05 Time: 1035
Shipment Method: / for of					Airbill N	umber:							
(7/// 0/		<u>.</u>	.		L		<u> </u>	<u> </u>					

Turnaround Time Re	quired:
Routine	
Rush (Specify	<u>')</u>
Cooler Temperature:	10°Circed

Comments:

Original - Laboratory Copy - Client



Friday, March 25, 2005

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

TEL: 315-437-6100

RE: Analytical Results

Order No.: 0503029

 $e^{-\frac{1}{2}(-D)}$

Dear Al Farrell:

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

Very truly yours,

O'BRIEN & GERE LABORATORIES, INC.

nouka Lanlucai

Monika Santucci Project Supervisor



Analytical Results

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

StateCertNo: 10155

0503029-001A

3/10/2005 3/10/2005

CLIENT:

O'Brien & Gere Engineers, Inc.

Project:

Former Accurate Die Cast

Work Order: 0503029

Matrix:

WATER

ColumnID:

InstrumentID: Mettler balance

%Moisture:

PrepDate: Sample Size: NA

BatchNo:

Lab ID:

Collection Date:

Date Received:

R253

Client Sample ID: WTP Effluent-COMP

Revision: 3/17/2005 7:42:15 AM TestCode: FileID:

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

TDS160.1

Qualifiers:

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

Print Date: 3/18/2005 4:26:11 PM Project Supervisor: Monika Santucci Page 1 of 2



Analytical Results

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

StateCertNo: 10155

CLIENT:

O'Brien & Gere Engineers, Inc.

Project: Former Accurate Die Cast

Work Order: 0503029 Matrix: WATER

InstrumentID: Mettler balance

ColumnID:

%Moisture:

Sample Size: NA

TSS160.2

Lab ID:

0503029-001A

Client Sample ID: WTP Effluent-COMP

Collection Date: Date Received:

3/10/2005 3/10/2005

PrepDate:

BatchNo:

R252

FileID: 3/17/2005 7:12:40 AM TestCode: Revision:

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

Qualifiers:

Value exceeds Maximum Contaminant Level

Value above quantitation range

Analyte detected below quantitation limits

Spike Recovery outside accepted recovery limits

Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

Page 2 of 2

ND Not Detected at the Reporting Limit



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

Client: OGINA						Analysis/Method							
Project: Former Accurate Die Sampled by: Martin Koennes	CASL						_/	$\overline{}$					-0a
Sampled by: Martin Koenned	:/ce					/	Z/					_ /	029
Client Contact: A FARREI Phone # 23/6					/~!							į	
Sample Description					/\ <u>\</u>								
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers		/ ,		/	/	/·	/	Comments
WTP ESTher	3/10/05	A\$ 00	WATCI	Cons	/	1							
	· .					!							
	ļ					:			ļ	 			
	 									<u> </u>			
	<u> </u>			-									
	 					ļ							
	1									<u> </u>			
		······						 !			·····		
	<u> </u>	! !							<u>.</u>	<u> </u>			
Relinquished by: Math 7 Kjenne Mc	Da	te: <i>3-10-</i>	oS Time	B:05	Receive	d by:					Da	ite:	Time:
Relinquished by:	Da	te:	Time		Receive	d by:					Đa	ite:	Time:
Relinquished by:	Da	te:	Time		Receive	d by Lat	\mathbb{M}	Mac.	K_	-	Da	te:3//	10/05 Time: 1305
Shipment Method: Amu					Airbill Nu	ımber:	⊘ '						

Furnaround	Time	Required:	
		•	

Comments:

Routine Rush (Specify)

Cooler Temperature:_

Original - Laboratory Copy - Client



Thursday, March 24, 2005

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

TEL: 315-437-6100

RE: Analytical Results

Order No.: 0503050

Dear Al Farrell:

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

Very truly yours,

O'BRIEN & GERE LABORATORIES, INC.

Norika Santucci

Monika Santucci

Project Supervisor



Analytical Results

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

StateCertNo: 10155

CLIENT:

O'Brien & Gere Inc. of North America

Project: Former Accurate Die Cast

Work Order: 0503050 Matrix:

Revision:

WATER

InstrumentID: MS01 11 ColumnID:

Rtx-VMS

Sample Size: 10 mL %Moisture:

3/24/05 11:56:20 AM TestCode:

Client Sample ID: WTP Effluent-Grab

Lab ID:

0503050-002A

3/17/05 **Collection Date:**

3/17/05 Date Received:

PrepDate:

R356 BatchNo: T7371.D FileID:

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

Qualifiers:

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



Analytical Results

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

StateCertNo: 10155

CLIENT:

O'Brien & Gere Engineers, Inc.

Project:

Former Accurate Die Cast

Work Order: 0503050 Matrix: Inst. ID:

WATER

Mettler balance

ColumnID: Revision:

Sample Size: NA %Moisture:

3/22/2005 9:18:44 AM TestCode:

Lab ID:

0503050-001A

Client Sample ID: WTP Effluent-COMP

Collection Date: Date Received:

3/17/2005 3/17/2005

PrepDate:

BatchNo: FileID:

R312

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

TDS160.1

Qualifiers:

Value exceeds Maximum Contaminant Level

Value above quantitation range

Analyte detected below quantitation limits

Spike Recovery outside accepted recovery limits

Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

Print Date: 3/30/2005 6:10:11 PM

Project Supervisor: Monika Santucci

Page 1 of 2



Analytical Results

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

StateCertNo: 10155

CLIENT:

O'Brien & Gere Engineers, Inc.

Project:

Inst. ID:

Former Accurate Die Cast

Work Order: 0503050 Matrix:

WATER

Mettler balance

Sample Size: NA

%Moisture: TestCode:

Lab ID:

0503050-001A

Client Sample ID: WTP Effluent-COMP

Collection Date: Date Received:

3/17/2005

PrepDate:

3/17/2005

BatchNo:

R297

DF

ColumnID: Revision:

Analyte

3/21/2005 10:06:30 A

TSS160.2

FileID:

Date Analyzed

RESIDUE, SUSPENDED (TSS)

EPA 160.2 5.0

Residue, Suspended (TSS)

ND

Result Qual PQL

mg/L

Units

3/18/2005

Qualifiers:

Value exceeds Maximum Contaminant Level

Value above quantitation range

Analyte detected below quantitation limits

Spike Recovery outside accepted recovery limits

Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

Print Date: 3/30/2005 6:10:11 PM

Project Supervisor: Monika Santucci

Page 2 of 2

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

Chain of Custody

Analysis/Method Client: YaINA Project: Sampled by: Phone # **Client Contact:** Sample Description Date Ťime Comp. Sample No. of Comments Sample Location Collected Collected Matrix or Grab Containers 3/17/05 10:00 11/ATO 3/17/05/10:00 //Jaken GnAb Received by: Mark Date: 3 - 17-05 Time: 10,'05 Relinquished by: 05 Time: 10:05 Relinquished by: ## Date: 3-17.05Time: 10:30 Received by: Date: Time: Received by Lab Date: 3/17 /05 Time: /035/r Relinquished by: Date: Time: Shipment Method: Airbill Number: Turnaround Time Required: Comments: Routine Rush (Specify) Original - Laboratory Cooler Temperature: Copy - Client



Tuesday, April 12, 2005

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

TEL: 315-437-6100

RE: Analytical Results

Order No.: 0503084

Dear Al Farrell:

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

Very truly yours,

O'BRIEN & GERE LABORATORIES, INC.

Monika Santucci

Project Supervisor



Sample Size: NA

Analytical Results

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

StateCertNo: 10155

CLIENT: O'Brien & Gere Engineers, Inc.

Former Accurate Die Cast Project:

W Order: 0503084 Matrix: WATER

Inst. ID: Mettler balance

ColumnID:

%Moisture:

Lab ID:

0503084-001A

Client Sample ID: WTP Effluent-COMP

3/24/2005

Collection Date: Date Received:

3/24/2005

PrepDate:

BatchNo:

R389

Revision: 3/29/2005 9:04:26 AM TestCode: TDS160.1 FileID:

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

Qualifiers:

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

Value above quantitation range

Analyte detected below quantitation limits

Spike Recovery outside accepted recovery limits

Print Date: 4/12/2005 6:28:28 PM

Project Supervisor: Monika Santucci

Page 1 of 2



:

O'Brien & Gere Laboratories, Inc.

Analytical Results

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

StateCertNo: 10155

0503084-001A

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

Project:

Former Accurate Die Cast

W Order:

0503084 WATER

Matrix: Inst. ID:

Mettler balance ColumnID:

Sample Size: NA

%Moisture:

Date Received: PrepDate:

Collection Date:

Lab ID:

BatchNo:

R375

3/24/2005 3/24/2005

Client Sample ID: WTP Effluent-COMP

FileID: Revision: 3/28/2005 8:15:22 AM TestCode: TSS160.2

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

Qualifiers:

Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

Value above quantitation range

Analyte detected below quantitation limits

Spike Recovery outside accepted recovery limits

Print Date: 4/12/2005 6:28:28 PM Project Supervisor: Monika Santucci Page 2 of 2

5000 Brittonfield Parkway East Syracuse, New York 13057

Chain of Custody

(315) 437-0200

Client: OGINA	lient: OGINA								Ar	alysis	s/Meth	od	
Project: Former Accurate Sampled by: Richard MS	Die	CAS)	<u></u>				3	7					064
Client Contact: A Fance	Phone #		6		•] /·	$\langle \rangle$						
Sample D	escription	1					5)						
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers		/	<u></u>			<u> </u>		Comments
WIP ESSWENT	3/24/05	10:00	WATCH	Corp	1	1					ļ		
				<u> </u>		 			 		ļ		
	1					ļ ——	 				-		
							,						
				ļ	<u> </u>	<u> </u>		-	<u> </u>		ļ	-	
· · · · · · · · · · · · · · · · · · ·	-				 								
	<u> </u>			l	 							ļ	
											7		
	<u></u>	<u> </u>				<u> </u>							
Relinquished by This will the	che Da	ite:3/24/	05 Time	10:45	Receive	d by: 🖊	Math	1 Ko	end	٠.	D	ate: 3-	24_05Time:/0.45
Relinquished by: Mart 7 Komba	Da	ile: 3-34	.05 Time	:13:10	Receive	d by:	\bigcirc	1		, <u>,</u>		ate:	Time:
Relinquished by:	Da	ite:	Time	:	Receive	d by Lai		(3)	\sim	91	U D	ate:3	4/05 Time: /3:10
Shipment Method: HAN P					Airbill N	umber:							
Turnaround Time Required: Routine Rush (Specify)	Comments	:					•						;
Cooler Temperature: 6°C ilelli	CEOP								,			Orig	ginal - Laboratory Copy - Client



Thursday, April 14, 2005

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

TEL: 315-437-6100

RE: Analytical Results

Order No.: 0503128

Dear Al Farrell:

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

Very truly yours,

O'BRIEN & GERE LABORATORIES, INC.

Morika Santucci

Monika Santucci

Project Supervisor



5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

Analytical Results

StateCertNo: 10155

CLIENT: O'Brien & Gere Engineers, Inc.

Project: Former Accurate Die Cast

W Order: 0503128 Matrix: WATER Lab ID: Client Sample ID: WTP Effluent

0503128-001A 3/31/2005

Collection Date: Date Received:

3/31/2005

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

Qualifiers:

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

E Value above quantitation range

Analyte detected below quantitation limits

S Spike Recovery outside accepted recovery limits

Print Date: 4/14/2005 9:26:33 AM Project Supervisor: Monika Santucci Page 1 of 1

5000 Brittonfield Parkway East Syracuse, New York 13057

Chain of Custody

(315) 437-0200

Client: O()NA									Ar	alysis	/Meth	od	
Project: Former Accumpte O	ie Car	<i>f</i>					/	7					174
Sampled by: Richano Mya	US h].	'^`	•] /	3						100
Client Contact: A / Func / 1													
Sample Description]/ &							
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers						<u> </u>		Comments
WIP Effluent	3/31/05	10:00	CUATOL	cum	/	1							
									<u> </u>		<u> </u> 		
	 				- 	ļ		·		ļ. <u></u>			
						<u> </u>							
	 				<u> </u>				<u> </u>				
		;					;	,					You say a
	 					ļ			ļ	ļ			
	 					 			<u> </u>	 			•
	ļ					_			ļ <u>.</u>	 			
Relinquished by: Hunger AM Jaugh	Da	le: <i>3/3//</i>	O5-Time	10:50	Receive	d by:			'	1	Da	ate:	Time:
Relinquished by:	` Da	te:	Time	·. 	Receive	d by:	Δ					ite:	Time:
Relinquished by:	Da	te:	Time	:	Receive	d by Lat	D: //	DYC	NCK		Da	ste:3/3	1/0.5 Time: 1050
Shipment Method:					Airbill N	umber:		- "			•		

Turnaround	Time	Required	1:
------------	------	----------	----

Routine_

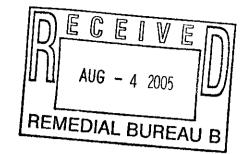
Rush (Specify)

Comments:

Original - Laboratory Copy - Client



August 1, 2005



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

Re: Former Accurate Die Casting Site

Fayetteville, NY

File: 2488/25463 #2

Dear Mr. Grathwol:

This letter presents the status of groundwater treatment plant operations for the former Accurate Die Casting site in Fayetteville, New York for the second quarter of 2005 (April 1 through June 30). This information is provided as required by the Order on Consent (#A7-0318-94-10). Included are the results of the monitoring activities associated with the SPDES Fact Sheet for the groundwater treatment system.

Operation Status & Activities Completed:

- 1. As of June 30, 2005, a total of 63,249,020 gallons of groundwater has been treated since startup on February 5, 1996. Since March 31, 2005, 1,106,580 gallons of groundwater have been treated; 306,300 gallons from recovery well RW-1, 799,520 gallons from recovery well RW-2, 580 gallons from the sump located outside the northeast corner of the building, and 180 gallons from the groundwater collection trench constructed in the former VOC/PAH/PCB Soils Area.
- 2. O'Brien & Gere performed the sampling activities associated with the SPDES Fact Sheet (#734052). The analytical results associated with the SPDES Fact Sheet monitoring activities performed in April, May, and June 2005 are summarized in Table 1. The laboratory analytical data sheets are provided as Attachment A.
- 3. O'Brien & Gere conducted the semi-annual groundwater monitoring well sampling on April 7 and 8. The sampling was conducted using passive diffusion bags. During the sampling event, groundwater levels were measured in each of the monitoring wells (Table 2). Also, a sample was collected from the following monitoring wells: MW-10B, MW-11B, MW-13, MW-18, and MW-24. The results of the analyses and historic water quality information are summarized in Tables 3 and 4. The laboratory analytical data sheets are provided as Attachment B.

Activities Scheduled:

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

1945 (2005)

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

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

Very truly yours,

O'BRIEN & GERE ENGINEERS, INC.

Alfred R. Farrell, P.E. Project Associate

 $I:\DIV71\PROJECTS\2488\25463\2_CORRES\2nd_qtr2005 report.doc$

Attachments

cc: James Burke - NYSDEC Region 7

H. Hamel - NYSDOH

T. Slutzky - The Anderson Company

J. Sutphen - O'Brien & Gere, Office of General Counsel

G. Swenson - O'Brien & Gere Engineers, Inc.

W. Monette - O'Brien & Gere Engineers, Inc.

D. Carnevale - O'Brien & Gere Engineers, Inc.





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

		Monitoring Re	equirements					
	Discharge	Discharge	Minimum					
Analyte (units)	Limitation	Limitation	Measurement	Sample	Effluent	Effluent	Effluent	Effluent
	Daily Average	Daily Maximum	Frequency (1)	Туре	4/4/2005	4/5/2005	4/6/2005	4/7/2005
Flow (GPD)	Monitor	150000	Continuous	Meter	12,257	12,730	12,660	12,770
pH (SU)	6.5-8.5		2/Week	Grab	7,17	7.19	7.19	7.19
Residue, non-filterable (mg/L)	Monitor	20	Weekly	3-hr comp.				< 5.0
Total dissolved solids (TDS) (mg/L)	Monitor	Monitor	Weekly	3-hr comp.		www	Mary Mary	560
Mercury, total (mg/L)	Monitor	0.0008	Quarterly	3-hr comp.		***	1	< 0.00020
Zinc, total (mg/L)	Monitor	0.3	Quarterly	3-hr comp.				0.030

cis-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab				< 0.50
trans-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab	***	in min	*******	< 0.50
Methylene chloride (ug/L)	Monitor	20	2/Month	Grab				< 2.0
1,1,2,2-Tetrachloroethane (ug/L)	Monitor	10	2/Month	Grab				< 0.50
Tetrachloroethene (ug/L)	Monitor	10	2/Month	Grab			***	< 0.50
Toluene (ug/L)	Monitor	20	2/Month	Grab				< 0.50
Trichloroethene (ug/L)	Monitor	10	2/Month	Grab				< 0.50
							ica de la compansión de la	aindici andica divisi diinina am
						oniciae Manifestation de Lagrando (Lagrando (L		
NOTES.					<u>L</u>			

NOTES:

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



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

Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent
4/8/2005	4/11/2005	4/12/2005	4/13/2005	4/14/2005	4/15/2005	4/18/2005	4/19/2005	4/20/2005
12,700	12,783	12,770	12,820	12,860	12,810	12,777	12,680	12,840
7.19	7.17	7.17	7.17	7.19	7.19	7.19	7.19	7.17
			===	< 5.0				
				560				
***	***	<u> </u>	to to W	W 44-40	e ====		44 44	
	•••		•••	•••				
		***	***					
***	***		***	***				
			ObelOber	Value	Western	Thomas The Committee Commi		
4								
	12,700	12,700 12,783 7.19 7.17	12,700 12,783 12,770 7.19 7.17	12,700	12,700 12,783 12,770 12,820 12,860 7.19 7.17 7.17 7.19 < 5.0	12,700 12,783 12,770 12,820 12,860 12,810 7.19 7.17 7.17 7.19 7.19 < 5.0	12,700 12,783 12,770 12,820 12,860 12,810 12,777 7.19 7.17 7.17 7.19 7.19 7.19	12,700 12,783 12,770 12,820 12,860 12,810 12,777 12,680 7.19 7.17 7.17 7.19 7.19 7.19 7.19 7.19 7.19 560 <

NOTES:

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



Effluent 4/21/2005 12,440 7.19	Effluent 4/22/2005 12,690	Effluent 4/25/2005	Effluent 4/26/2005	Effluent	Effluent	Effluent	Effluent	Effluent
4/21/2005 12,440	4/22/2005				Effluent	Effluent	Effluent	Effluent
12,440		4/25/2005	4/26/2005				TITIONIL	Emucil
	12,690		4/20/2003	4/27/2005	4/28/2005	4/29/2005	5/2/2005	5/3/2005
7.19		12,923	12,960	12,560	12,810	12,730	12,620	12,257
	7.19	7.19	7.19	7.19	7.19	7.19	7.17	7.17
<5.0					< 5.0			
550					580			
					***		***	
	***	***	***					
< 0.50							***	
< 0.50	;	خبت						;
< 2.0								
< 0.50								***
< 0.50								
< 0.50								
< 0.50								•••
·								
							Account to the second s	<u> </u>
			<u> </u>					
	<pre></pre>	550 < 0.50	550 < 0.50	550 < 0.50	550	550 580 580	550 580 -	550 580 580 < 0.50 < 2.0 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50 < 0.50

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



									_
					,				
Analyte (units)	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent
,	5/4/2005	5/5/2005	5/6/2005	5/9/2005	5/10/2005	5/11/2005	5/12/2005	5/13/2005	5/16/2005
Flow (GPD)	12,730	12,660	12,770	12,700	12,783	12,770	12,820	12,860	12,810
pH (SU)	7.19	7.19	7.19	7.19	7.17	7.17	7.17	7.19	7.19
Residue, non-filterable (mg/L)		< 5.0						< 5.0	
Total dissolved solids (TDS) (mg/L)	***	580					***	540	
Mercury, total (mg/L)			44-	***		***			
Zinc, total (mg/L)					***				
cis-1,2-Dichloroethene (ug/L)		< 0.50							
trans-1,2-Dichloroethene (ug/L)		< 0.50							
Methylene chloride (ug/L)		< 2.0		•••					
1,1,2,2-Tetrachloroethane (ug/L)		< 0.50			.*				
Tetrachloroethene (ug/L)		< 0.50							
Toluene (ug/L)		< 0.50	***			***			
Trichloroethene (ug/L)		< 0.50							
			·	de la constitución de la constit	· .		······································	. , ,	
									
and the state of t	ATT			**************************************	***************************************				·

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



Analyte (units)	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent
	5/17/2005	5/18/2005	5/19/2005	5/20/2005	5/23/2005	5/24/2005	5/25/2005	5/26/2005	5/31/200
Flow (GPD)	12,777	12,680	12,840	12,440	12,690	12,923	12,960	12,560	12,810
oH (SU)	7.19	7.19	7.17	7.19	7.19	7.19	7.19	7.19	7.19
Residue, non-filterable (mg/L)			< 5.0				< 5.0		
Total dissolved solids (TDS) (mg/L)			560				590	***	
Mercury, total (mg/L)		·	- 444	***	***	444			
Zinc, total (mg/L)									
cis-1,2-Dichloroethene (ug/L)			< 0.50		•••				
rans-1,2-Dichloroethene (ug/L)			< 0.50	***					***
Methylene chloride (ug/L)			< 2.0						
1,1,2,2-Tetrachloroethane (ug/L)			< 0.50						
Tetrachloroethene (ug/L)			< 0.50						
Foluene (ug/L)	wa.	***	< 0.50					***	
Гrichloroethene (ug/L)			< 0.50						
			· · · · · · · · · · · · · · · · · · ·						
							······································		
									ri,
		-							

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



Analyte (units)		Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent
		6/1/2005	6/2/2005	6/3/2005	6/6/2005	6/7/2005	6/8/2005	6/9/2005	6/10/2005	6/13/2005
Flow (GPD)		12,350	12,440	12,390	12,403	12,080	12,260	12,290	12,230	12,233
pH (SU)		7.21	7.19	7.19	7.21	7.21	7.21	7.2	7.21	7.19
Residue, non-filterable (mg/L)			< 5.0						< 5.0	
Total dissolved solids (TDS) (mg/L)			660				· · · · · · · · · · · · · · · · · · ·		730	
Mercury, total (mg/L)			***	***	***	****	***	***	***	***
Zinc, total (mg/L)										
cis-1,2-Dichloroethene (ug/L)	 		< 0.50							
trans-1,2-Dichloroethene (ug/L)	1.4		< 0.50		***	***	***		***	
Methylene chloride (ug/L)			< 2.0							
1,1,2,2-Tetrachloroethane (ug/L)			< 0.50							
Tetrachloroethene (ug/L)		***	< 0.50		445	***			**-	
Toluene (ug/L)			< 0.50			***				
Trichloroethene (ug/L)			<0.50							
		i. /	<u> </u>	.,						in a
				<u></u>						
						Market and the second s		······································		a a second contract of the contract of
										
· · · · · · · · · · · · · · · · · · ·										
						· · · · · · · · · · · · · · · · · · ·				
		······································								

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



Analyte (units)	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent
maye (unis)	6/14/2005	6/15/2005	6/16/2005	6/17/2005	6/20/2005	6/21/2005	6/22/2005	6/23/2005	6/24/200
Flow (GPD)	12,000	12,200	12,090	12,060	12,080	12,010	12,060	12,000	11,920
oH (SU)	7.19	7.19	7.22	7.22	7.2	7.21	7.21	7.2	7.21
Residue, non-filterable (mg/L)			< 5.0					< 5.0	***
Total dissolved solids (TDS) (mg/L)			680		-			680	***
Mercury, total (mg/L)			***			in ar de		W##	
Zinc, total (mg/L)		***							
cis-1,2-Dichloroethene (ug/L)			< 0.50						
rans-1,2-Dichloroethene (ug/L)			< 0.50				*		
Methylene chloride (ug/L)			< 2.0						
1,1,2,2-Tetrachloroethane (ug/L)			< 0.50						
Tetrachloroethene (ug/L)			< 0.50						
Foluene (ug/L)			< 0.50			***		***	man.
Trichloroethene (ug/L)			< 0.50						***
						t			
						· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		<u> </u>

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



		····					
Analyte (units)	Effluent	Effluent	Effluent	Effluent			
	6/27/2005	6/28/2005	6/29/2005	6/30/2005			
Flow (GPD)	4,660	12,520	12,300	12220	 		
oH (SU)	6.84	7.33	7.35	7.29			
Residue, non-filterable (mg/L)	•••			<5.0			
Total dissolved solids (TDS) (mg/L)				580			
Mercury, total (mg/L)			***	*	 		
Zinc, total (mg/L)			***				
cis-1,2-Dichloroethene (ug/L)							
rans-1,2-Dichloroethene (ug/L)							
Methylene chloride (ug/L)		***					
,1,2,2-Tetrachloroethane (ug/L)							
Tetrachloroethene (ug/L)							
Toluene (ug/L)							
Trichloroethene (ug/L)					 		
							4
A service of the Control of the Cont			······································		 		-
				The state of the s			

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



Well ID MW-01	Ground Elevation (ft) 99.36	Well Casing Elevation (ft)	Screen Interval	Elevation (ft)	Electrical (O)				
MW-01		Elevation (ft)		Elevation (it)	Elevation (ft)				
	99.36		Elevation (ft)	4/8/2005	12/28/2004	10/9/2002	4/3/2002	11/8/2001	7/3/2001
14144 03		101.11	75.4 - 85.4	80.09	76.7	101.11	77.42	76.87	77.46
MW-02	91.8	94.68	76.6 - 86.6	85.01	83.67	83.6	84.28	83.67	· 84.33
MW-03	97.65	99.63	73.7 - 83.7		***				
MW-04	65.62	68.52	46.6 - 56.6						
MW-05	88.21	90.42	49.2 - 59.2	- 61.76	60.79	58.42	60.8	60.1 .	60.92
MW-06	77.46	79.38	46.4 - 56.4	61.45	60.35	59.84	60.42	59.67	55.87
MW-07 (B)	75.66	78.34	34,3 - 44.3	55.35	54.11	52.34	53.59	51.92	53.34
MW-08	88.21	91.78	53.9 - 63.9	67.83	63.24	60.73	64.16	60.92	65.63
MW-09	102.44	104.03	49.7 - 59.7	61.54	60.36	59.85	60.47	59.68	60.51
MW-10 (B)	97.51	97.27	43 - 53	60.38	54.86	54.57	56.07	52.6	57.22
MW-11 (B)	91.48	93.8	43.1 - 53.1	60.89	56.54	54.77	57.19	54.73	59.15
MW-12	93.62	94.14	51.9 - 61.9	61.67	60.54		60.64	59.87	60.63
MW-13	98.8	98.7	77.7 - 87.7	80.04	83.48	79.62	78.65	80.1	79.95
MW-14	98.76	100.62	74.6 - 84.6	84.69	81.72	82.87	80.48	80.77	79.74
MW-15 (B)	96.1	98.9	32.7 - 42.7	61.53	57.78	54.4	59.03	53.52	58.98
MW-16 (B)	98.5	100.85	50.8 - 60.8	68.75	65.64	63.5	66.25	63.58	66.14
MW-17	66.9	69.24	53.7 - 63.7	60.79	58.91	57.58	59.24	58.02	58.55
MW-18	76.5	78.29	61.5 - 71.5	74.61	72.88	69.84	73.75	71.36	72.09
MW-19	69.5	71.27	46.5 - 56.5		DRY	DRY	DRY	DRY	DRY
MW-20	70.98	73.34 .	51.9 - 61.9						
MW-21	69.9	71.87	59.5 - 64.5	63.92	62.54	61.82	63.39	62.58	62.53
MW-22	71.5	73.34	60.9 - 65.9	68.65	63.41	67.24	68.71	68.15	68.13
MW-23 (B)	89.8	91.72	17.3 - 22.3	39.32	36.49	33.63	35.68	33.25	36.21
MW-24			-	-10.2	-10.33	-10.3	-10.35	-10.39	-10.41
PZ-01	81.8	83.95	49.8 - 59.8	61.48	60.4	59.87	60.45	59.7	. ***
PZ-02	80.6	83.06	42.8 - 52.8	61.28	60.23	59.65	60.18	59.48	
RW-01	78.4	80.28	29.4 - 39.4			34.88	36.53	36.48	
RW-01	78.4	80.28	45.4 - 50.4			34.88	36.53	36.48	
RW-02 (B)	91.58	95.18	*			44.13	49.85	42.97	
SUMP		97.93	-			74.94	75.13	75.05	75.33

Notes:

NI-Well not installed at time of monitoring, NA-Data not available, AB-Well was abandoned, --- Water level not monitored, (B)-Bedrock ground water monitoring well,

Q:\2488_AccuDie\SemiAnnual Tables\Ground Water Elevation Summary Table_April 05.xls

^{* -} Measurement relative to top of well casing. Elevations based on assumed datum. MW-01 through MW-16 installed during Remedial Investigation (Steams & Wheler). MW-03 was removed as part of the TCE Soils Interim Remedial Measure (IRM) completed in September 1994. System shutdown 02/15/96; System restored 02/20/96. System start-up 02/06/96; MW-13 casing elev. changed 06/06/96. MW-04 and MW-20 were abandoned and replaced by MW-21 and MW-22 on 01/20/97.



	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water	Ground Water
	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
Well ID	11/7/2000	4/6/2000	10/19/1999	4/28/1999	10/20/1998	4/15/1998	1/29/1998	10/22/1997	7/8/1997
MW-01	DRY	80.92	DRY	7/20/1999 DRY	DRY	DRY	DRY	DRY	DRY
MW-02		86.58	84.44	83.38	83.54	83.52	83.47	82.84	
MW-03								02.01	
MW-04									
MW-05	59.83	60.52	55.35	59.91			60.86	58.34	59.16
MW-06	59.4	60.36	53.34	59.11	59.69	60.57	60.46	57.97	58.58
MW-07 (B)	DRY	54.87	51.73	54.57	51.76	53.82	52.9	50.63	52.93
MW-08	61.45	66.41	62.37	64.21	59.86	67.17	64.98	58.9	61.65
MW-09	59.42	60.62	54.25	59.68	59.71	60.56	60.51	58	58.76
MW-10 (B)	52.73	57.6	51.32	57.97	51.88		55.78	50.75	53.44
MW-11 (B)	54.66	59.39	53.31	58.36	53.98	61.73	56.75	52.5	55.2
MW-12	59.62	60.71	54.09	59.53	59.89	60.8	60.67	58.21	58.92
MW-13	80.53	80.89	80.75	78.08	78.31	78.67	78.87	79.53	79.84
MW-14	80.75	80.6	80.67	80.54	80.64	80.78	80.78	80.58	80.55
MW-15 (B)	54.32	58.81	50.95	58.94	52.58	62.1	56.34	50.48	56.63
MW-16 (B)	63.57	66.92	59.81	65.99	61.84	68.03	65.71	58.45	64.43
MW-17	58.33	60.28	57.47	58.76	57.93	59.51	59.7	DRY	58.33
MW-18	71.61	75.08	70.78	72.46	70.74	73.29	73.5	69.71	71.34
MW-19	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
MW-20									
MW-21	62.59	64.42	62.69	63.31	63.23	63.54	63.82	. 62.93	
MW-22	66.42	68.52	67.69	68.05	67.83	68.39	68.51	65.96	67.35
MW-23 (B)	33.97	36.69	32.48	36.76	33.57	37.95	34.95	32.29	35.61
MW-24	-10.43	-9.96	-10.22	-7.38	NI	NI	NI	NI	NI
PZ-01	59.44	60.51	53.65	59.3	59.7	60.61	60.5	58.01	58.7
PZ-02	59.16	60.17	52.71	59.03	59.46	60.34	60.22	57.65	58.34
RW-01	40.88	50.73		54.69	32.36	32.6	43.13	42.03	43.34
RW-01	40.88	50.73		54.69	32.36	32.6	43.13	42.03	43.34
RW-02 (B)	42.86	54.52		56.74	44.33	59.94	52.74	42.89	44.07
SUMP	74.91	78 .4 9		75.26	75.2	74.96	74.89	74.75	75.01

Notes:

NI-Well not installed at time of monitoring, NA-Data not available, AB-Well was abandoned, --- Water level not monitored, (B)-Bedrock ground water monitoring well,

Q:\2488_AccuDie\SemlAnnual Tables\Ground Water Elevation Summary Table_April 05.xls

Page 2 of 7

^{* -} Measurement relative to top of well casing. Elevations based on assumed datum. MW-01 through MW-16 installed during Remedial Investigation (Steams & Wheler). MW-03 was removed as part of the TCE Soils Interim Remedial Measure (IRM) completed in September 1994. System shutdown 02/15/96; System restored 02/20/96. System start-up 02/06/96; MW-13 casing elev. changed 06/06/96. MW-04 and MW-20 were abandoned and replaced by MW-21 and MW-22 on 01/20/97.



							_		
	Ground Water								
	Elevation (ft)								
Well ID	4/15/1997	2/4/1997	1/16/1997	11/19/1996	10/21/1996	9/5/1996	7/16/1996	6/6/1996	5/2/1996
MW-01	75.64		75.15	76.6	DRY	DRY _	DRY	DRY	77.73
MW-02	83.81		83.56	84.22	83.18	82.57	83.32	83.17	85.35
MW-03									***
MW-04			53.12	55.91	55.91	DRY	52.45	51.63	59.7
MW-05	59.83		59.15	56.49	55.4	56.33	58.98	60.54	58.71
MW-06	59.34		58.39	55.61	53.71	54.95	58.13	59.91	58.17
MW-07 (B)	54.7		54.28	52.68	51.22	52.44	53.95	55.02	54.75
MW-08	65.15		64.67	63.61	59.56	59.05	64.5	67.07	65.43
MW-09	59.6		58.65	56.64	54.24	55.38	58.38	60.18	58.46
MW-10 (B)	58.11	===	59.61	54.95		53.88	59.11	62.25	59.72
MW-11 (B)	58.59	,	60.15	55,85	52.88	54.72	59.53	62.68	60.35
MW-12	59. 7 2		58.81	56.18	54.3	55.48	58.54	60.33	58.59
MW-13	80.33		80.49	80.68	79.07	79.15	79.35	79.28	79.44
MW-14	80.53		80.59		80.61	80.59	80.66	80.56	79.29
MW-15 (B)	59.83		58.83	51.99	51.58	54.83	59.24	62.62	59.87
MW-16 (B)	66.89		66.13			63.31	65.57	68.4	67.02
MW-17	59.64		59.33	58.02	55.96	57.89	58.46	59.22	59.95
MW-18	73.6	72.78	73.31		70.77	70.81	72.32	72.95	NI
MW-19	DRY	NI							
MW-20			DRY	DRY	DRY	DRY	50.26	DRY	NI
MW-21	63.74	63.69	NI						
MW-22	67.92	63.69	NI						
MW-23 (B)	37.71	NI NI	NI	NI	NI	NI	NI	NI	NI
MW-24	NI								
PZ-01	59.51		58.57	55.83	53.9	55.13	58.31	***	58.34
PZ-02	59.13		58.23	55.25	53.53	54.9	57.97	59.77	58.04
RW-01	50.3		50.74	47.33	41.8	48.05	51.94	53.82	52.69
RW-01	50.3		50.74	47.33	41.8	48.05	51.94	53.82	52.69
RW-02 (B)	55.69		***	55.39	42.02		59.14	62.56	59.63
SUMP	74.94		74.71	74.77	74.85	74.56	74.78	74.73	75.76
						•	·		

Notes:

NI-Well not installed at time of monitoring, NA-Data not available, AB-Well was abandoned, --- Water level not monitored, (B)-Bedrock ground water monitoring well,

Q:\2488_AccuDie\SemiAnnual Tables\Ground Water Elevation Summary Table_April 05.xls

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



	Ground Water								
l	Elevation (ft)								
Well ID	4/18/1996	4/10/1996	4/4/1996	3/21/1996	3/7/1996	2/29/1996	2/22/1996	2/20/1996	2/16/1996
MW-01	DRY	DRY	DRY	77.34	75.17	75.36	DRY	DRY	DRY
MW-02	84.86	83.68	83.68	84.24	83.5	83.67	83.32	83.15	83.34
MW-03									
MW-04	60.28	54.43	52.66	59.26	55.1	58.14	60.37	52.46	54.43
MW-05	58.2	58.14	58.32	58.85	59.73	60.14	60.4	60.5	60.73
MW-06	57.41	57.28	57.48	58.02	58.96	59.45	59.75	59.8	60.11
MW-07 (B)	54.32	54.15	54.17	54.29	54.32	54.46	54.58	54.45	54.52
MW-08	64.08	63.83	64.1	64.76	64.68	65.12	65.42	65.47	65.84
MW-09	57.73	57.59	57. 7 8	58.3	59.22	59.71			60.35
MW-10 (B)	58.61	58.72	58.81	59.07	59.43	59.64	59.91	59.96	60.42
MW-11 (B)	58.94	59.01	59.1	59.38	59.78	59.99	60.29	60.35	60.88
MW-12	57.86	57.74	57.93	58.44	59.37	59.86	60.16	60.21	60.5
MW-13	79.52	79.57	79.6	79.68	79.77	79.86	79.87	79.88	79.9
MW-14	78.14	80.55	80.52	80.49	80.45	80.44	80.38	80.35	80.29
MW-15 (B)	58.84	59.04	59.07	59.14	59.4	59.46	59.56	59.56	59.63
MW-16 (B)	65.84	65.9	65.99	65.99	66.17	66.39	66.52	66.57	66.79
MW-17	59.3	59.14	59.27	59.3	59.28	59.42	59.64	59.52	59.7
MW-18	NI								
MW-19	NI	NI	NI	NI	NI	NI NI	NI	NI NI	NI
MW-20	NI	NI	NI	NI	NI	NI ·	NI	NI	NI
MW-21	NI								
MW-22	NI								
MW-23 (B)	NI	NI	NI	NI	NI	NI ·	NI	NI	NI
MW-24	NI								
PZ-01	57.6	57.47	57.67	58.21	59.14	59.63	59.93	59.99	60.28
PZ-02	57.3	57.19	57.39	57.9	58.83	59.33	59.61	59.66	59.97
RW-01	52.11	52.03	52.24	52.76	53.58	54.05	54.35	54.4	54.71
RW-01	52.11	52.03	52.24	52.76	53.58	54.05	54.35	54.4	54.71
RW-02 (B)	58.41	58.52	58.63	58.95	59.41	59.63	59.97		60.67
SUMP	75.89	74.99	74.69	74.87	74.65	74.9	75.3	74.63	74.63

Notes:

NI-Well not installed at time of monitoring, NA-Data not available, AB-Well was abandoned, --- Water level not monitored, (B)-Bedrock ground water monitoring well,

Q:\2488_AccuDle\SemiAnnual Tables\Ground Water Elevation Summary Table_April 05.xls

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



Well ID	Elevation (ft)		Ground Water						
Well ID		Elevation (ft)							
	2/15/1996	2/7/1996	2/5/1996	10/17/1995	7/25/1995	4/26/1995	3/9/1995	2/23/1995	2/9/1995
MW-01	75.3	76.64	77.06	DRY	DRY	DRY		****	***
MW-02	83.41	83.87	84.04	84.22	82.42	83.28			
MW-03									
MW-04	55.39	52.06	53.6		45.94	51.44			
MW-05	60.8		61.26		58.78	60.34			
MW-06	60.41	60.44	60.86	58.1	58.52				
MW-07 (B)	55.03	54.67	55.16	52.71	53.27	54.51			
MW-08	65.93	66.4	66.61	60.76	59.82	63.41			
MW-09	60.48	60.7	60.95	58.16	58.56	60.1			
MW-10 (B)	62.11	59.88	62	54.61	54.6	57.49	55.02	54.36	54.52
MW-11 (B)	62.67	60.37	62.63	55.31	55.72	58.86	56.55	55.63	56.13
MW-12	60.65	60.83	61.11	58.35	58.76	60.3			
MW-13	79.91	79.98		DRY	DRY	DRY	77.67	77.75	77.84
MW-14	80.28		79.91	80.72	80.61	80.61	80.12	79.54	78.95
MW-15 (B)	59.79	59.37	59.24	50.47	51.6	54.71			
MW-16 (B)	66.9	67.17	67.14	58.06	59.41	63.86	===		
MW-17	59.75	60.17	60.29	DRY	57.71	59.02		***	
MW-18	NI								
MW-19	NI	NI NI							
MW-20	NI								
MW-21	NI								
MW-22	NI								
MW-23 (B)	NI	NI	+ 2. NI	NI NI	NI	waa NI 🚈	NI	sgs NI	NI
MW-24	NI								
PZ-01	60.46	60.61	60.92	58.16	58.58			***	
PZ-02	60.26	60.3	60.7	57.97	58.37	59.88			
RW-01	59.22	55,04	59.64	57.11	57.6	59.14			
RW-01	59.22	55.04	59.64	57.11	57.6	59.14			
RW-02 (B)	63.83	59.98	63.8	56.05	NI	NI	NI	NI	NI
SUMP	74.64	74.68	74.67	76.94	75.25	75.09	78	75	74.88

Notes:

NI-Well not installed at time of monitoring, NA-Data not available, AB-Well was abandoned, --- Water level not monitored, (B)-Bedrock ground water monitoring well,

Q:\2488_AccuDie\SemiAnnual Tables\Ground Water Elevation Summary Table_April 05.xls

Page 5 of 7

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



Well ID MW-01	Elevation (ft) 1/25/1995	Elevation (ft)	Flancking (A)						Ground Water
	1/25/1995		Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)	Elevation (ft)
MW-01		1/13/1995	12/27/1994	12/15/1994	11/30/1994	11/17/1994	11/2/1994	10/18/1994	9/27/1994
				***				DRY	
MW-02								80.12	83.28
MW-03			www	quant.					
MW-04						==		46.79	52.21
MW-05		***						59.45	59.91
MW-06		4.4.4						59.05	59.52
MW-07 (B)	***							53.55	53.97
MW-08								60.99	61.65
MW-09				where "	***		<u></u>	59.08	59.59
MW-10 (B)	54.95	54.94	55.02	55.19	54.94	55.19	55.07	56.02	
MW-11 (B)	55.63	55.63	56.55	56.63	55.59	56.68		57.47	58.39
MW-12								59.31	59.79
MW-13	77.83	78.25	78.34	80.92	78.21	78.21	82.92	78.7	
MW-14	80.45	80.62	80.54	80.2	80.54	80.54	80.12	86.18	
MW-15 (B)	****	****				——————————————————————————————————————		53.47	
MW-16 (B)			===					61.67	
MW-17			****	***				54.08	54.61
MW-18	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-19	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-20	NI	NI	NI	NI	NI	ΝI	NI	NI	NI
MW-21	NI	NI	NI	. NI	NI	NI	NI	NI	NI
MW-22	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-23 (B)	NI	NI .:	NI	NI	NI	NI	NI	NI	NI
MW-24	NI	NI	NI	NI	NI	NI	NI	NI	NI
PZ-01								59.1	59.57
PZ-02								58.89	59.36
RW-01	***							58.22	56.89
RW-01								58.22	56.89
RW-02 (B)	NI	NI	NI	NI	NI	NI	NI	NI	NI
SUMP	75	75	74.83	75.17	75	74.83	76.04	NI	NI

Notes:

NI-Well not installed at time of monitoring, NA-Data not available, AB-Well was abandoned, --- Water level not monitored, (B)-Bedrock ground water monitoring well,

Q:\2488_AccuDie\SemiAnnual Tables\Ground Water Elevation Summary Table_April 05.xls

^{* -} Measurement relative to top of well casing. Elevations based on assumed datum. MW-01 through MW-16 installed during Remedial Investigation (Steams & Wheler). MW-03 was removed as part of the TCE Soils Interim Remedial Measure (IRM) completed in September 1994. System shutdown 02/15/96; System restored 02/20/96. System start-up 02/06/96; MW-13 casing elev. changed 06/06/96. MW-04 and MW-20 were abandoned and replaced by MW-21 and MW-22 on 01/20/97.



Well ID Elevation (ft) Elevation (ft) Elevation (ft) Elevation (ft) Elevation (ft) S/28/1992 MW-01		Ground Water	Ground Water	Ground Water	Ground Water	
Well ID 9/26/1994 8/7/1992 6/26/1992 5/28/1992 MW-01 — 79.69 DRY DRY MW-03 — 81.63 — 80.44 MW-04 47.22 50.81 49.95 51.08 MW-05 59.87 61.22 63.76 60.71 MW-06 59.51 60.46 60.49 60.5 MW-07 (8) 53.9 54.47 54.55 54.59 MW-08 61.59 66.83 66.38 66.38 MW-10 (8) — 61.69 61.51 60.46 MW-11 (8) — 61.69 61.99 61.15 MW-11 (8) — 61.69 63.7 62.34 MW-12 (8) — 61.69 63.7 62.34 MW-12 (8) — 61.69 63.7 62.24 MW-14 (9) — 80.92 80.62 DRY MW-15 (8) — NI NI NI MW-16 (8) <						
MW-01 79.69 DRY DRY MW-02 83.1 84.32 82.81 83.21 MW-04 47.22 50.81 49.95 51.08 MW-05 59.87 61.22 63.76 60.71 MW-06 59.51 60.46 60.49 60.5 MW-07 (B) 53.9 54.47 54.55 54.59 MW-08 61.59 66.83 66.38 66.38 MW-09 59.57 61.83 60.51 60.46 MW-10 (B) 61.69 61.99 61.15 MW-11 (B) 58.41 63.66 63.7 62.34 MW-12 (B) 61.69 61.99 61.15 MW-13 (B) 61.69 61.99 61.15 MW-14 (B) 80.92 80.62 DRY MW-13 (B) NI NI NI MW-15 (B) NI NI NI NI MW-	Well ID					
MW-02 83.1 84.32 82.81 83.21 MW-03 81.63 80.44 MW-04 47.22 50.81 49.95 51.08 MW-05 59.87 61.22 63.76 60.71 MW-06 59.51 60.46 60.49 60.5 MW-07 (8) 53.9 54.47 54.55 54.59 MW-09 59.57 61.83 60.51 60.46 MW-10 (8) 61.69 61.99 61.15 MW-11 (8) 58.41 63.66 63.7 62.34 MW-12 59.77 62.77 60.74 62.24 MW-13 80.92 80.62 DRY MW-14 81.54 79.07 75.11 MW-15 (8) NI NI NI NI MW-16 (8) NI NI NI NI MW-17 54.61 NI NI NI NI MW-18 NI NI NI NI MW-19 NI NI NI NI MW-10 NI NI NI MW-11 NI NI NI MW-12 59.77 62.77 60.74 MW-14 81.54 79.07 75.11 MW-15 (8) NI NI NI NI MW-16 (8) NI NI NI NI MW-17 54.61 NI NI NI NI MW-18 NI NI NI NI MW-19 NI NI NI NI MW-20 NI NI NI NI NI MW-20 NI NI NI NI NI MW-20 NI NI NI NI NI MW-21 NI NI NI NI MW-22 NI NI NI NI NI MW-23 (8) NI NI NI NI NI MW-24 NI NI NI NI NI MW-25 NI NI NI NI NI MW-26 NI NI NI NI NI MW-27 NI NI NI NI MW-28 NI NI NI NI NI MW-29 NI NI NI NI NI MW-29 NI NI NI NI NI MW-20 NI NI NI NI NI MW-21 NI NI NI NI MW-22 NI NI NI NI NI MW-23 (8) NI NI NI NI MW-24 NI NI NI NI NI MW-25 NI NI NI NI MW-26 NI NI NI NI NI MW-27 NI NI NI NI MW-28 NI NI NI NI MW-29 NI NI NI NI MW-29 NI NI NI NI MW-29 NI NI NI NI MW-20 NI NI NI NI MW-21 NI NI NI NI MW-22 NI NI NI NI NI MW-23 (8) NI NI NI NI MW-24 NI NI NI NI MW-25 NI NI NI NI MW-26 NI NI NI NI MW-27 NI NI NI NI MW-28 NI NI NI NI MW-29 NI NI NI NI MW-29 NI NI NI NI MW-29 NI NI NI NI MW-20 NI NI NI NI MW-20 NI NI NI NI MW-21 NI NI NI MW-22 NI NI NI NI MW-23 NI NI NI MW-24 NI NI NI NI MW-25 NI NI NI NI MW-26 NI NI NI NI MW-27 NI NI NI MW-28 NI NI NI MW-29 NI NI NI MW-29 NI NI NI MW-29 NI NI NI MW-20 NI NI MW-20 NI NI MW-20 NI NI MW-20 NI MW-20 NI MW-20 NI MW-20 NI MW						
MW-03 81.63 80.44 MW-04 47.22 50.81 49.95 51.08 MW-05 59.87 61.22 63.76 60.71 MW-06 59.51 60.46 60.49 60.5 MW-07(B) 53.9 54.47 54.55 54.59 MW-08 61.59 66.83 66.38 66.38 MW-09 59.57 61.83 60.51 60.46 MW-10 (B) 61.69 61.99 61.15 MW-11 (B) 58.41 63.66 63.7 62.34 MW-12 (B) 59.77 62.77 60.74 62.24 MW-13 (B) 80.92 80.62 DRY MW-14 (B) NI NI NI MW-15 (B) NI NI NI MW-16 (B) NI NI NI MW-17 (B) 54.61 NI NI NI MW-18 (B) NI		83.1				
MW-04 47.22 50.81 49.95 51.08 MW-05 59.87 61.22 63.76 60.71 MW-06 59.51 60.46 60.49 60.5 MW-07 (B) 53.9 54.47 54.55 54.59 MW-08 61.59 66.83 66.38 66.38 MW-10 (B) 61.69 61.99 61.15 MW-11 (B) 58.41 63.66 63.7 62.34 MW-12 59.77 62.77 60.74 62.24 MW-13 80.92 80.62 DRY MW-14 81.54 79.07 75.11 MW-15 (B) NI NI NI NI MI MW-15 (B) NI NI NI NI MI MW-17 54.61 NI NI NI NI MI MW-18 NI NI NI NI NI MI MW-18 NI NI NI NI NI MI MW-19 NI NI NI NI NI MI MW-20 NI NI NI NI NI NI MI MW-21 NI NI NI NI NI MI MW-21 NI NI NI NI NI MI MW-22 NI NI NI NI NI NI MI MW-23 (B) NI NI NI NI NI NI MI MW-24 NI NI NI NI NI NI MI MW-24 NI NI NI NI NI NI MI MW-24 NI NI NI NI NI NI NI MI MW-24 NI NI NI NI NI NI NI NI NI MI MW-24 NI NI NI NI NI NI NI NI NI MI MW-24 NI NI NI NI NI NI NI NI NI MI MW-24 NI NI NI NI NI NI NI NI NI MI MW-24 NI MI MW-24 NI MI MW-24 NI MI MW-24 NI MW-24 NI MW-24 NI						
MW-05 59.87 61.22 63.76 60.71 MW-06 59.51 60.46 60.49 60.5 MW-07 (B) 53.9 54.47 54.55 54.59 MW-08 61.59 66.83 66.38 66.38 MW-09 59.57 61.83 60.51 60.46 MW-10 (B) 61.69 61.99 61.15 MW-11 (B) 58.41 63.66 63.7 62.34 MW-12 59.77 62.77 60.74 62.24 MW-13 80.92 80.62 DRY MW-14 81.54 79.07 75.11 MW-15 (B) NI NI NI NI MW-16 (B) NI NI NI NI MW-17 54.61 NI NI NI NI MW-18 NI NI NI NI MW-19 NI NI NI NI MW-19 NI NI NI NI MW-19 NI NI NI NI MW-20 NI NI NI NI NI MW-20 NI NI NI NI NI MW-21 NI NI NI NI MW-22 NI NI NI NI NI MW-24 NI NI NI NI NI MW-25 NI NI NI NI NI MW-26 NI NI NI NI NI MW-27 NI NI NI NI NI MW-28 NI NI NI NI NI MW-29 NI NI NI NI NI MW-20 NI NI NI NI NI MW-20 NI NI NI NI NI MW-21 NI NI NI NI MW-20 NI NI NI NI NI MW-20 NI NI NI NI NI MW-21 NI NI NI NI MW-22 NI NI NI NI NI MW-24 NI NI NI NI NI MW-25 NI NI NI NI NI MW-26 NI NI NI NI NI MW-27 NI NI NI NI NI MW-28 NI NI NI NI NI MW-29 NI NI NI NI NI MW-29 NI NI NI NI NI MW-20 NI NI NI NI NI MW-20 NI NI NI NI NI MW-21 NI NI NI NI MW-22 NI NI NI NI NI MW-23 (B) NI NI NI NI NI MW-24 NI NI NI NI NI MW-25 NI NI NI NI NI MW-26 NI NI NI NI NI MW-27 NI NI NI NI NI MW-28 NI NI NI NI NI MW-29 NI NI NI NI NI MW-29 NI NI NI NI NI MW-20 NI NI NI NI NI MW-20 NI NI NI NI MW-20 NI NI NI NI MW-20 NI NI NI NI MW-21 NI NI NI MW-22 NI NI NI NI NI MW-23 (B) NI NI NI NI MW-24 NI NI NI NI MW-25 NI NI NI NI MW-26 NI NI NI NI MW-27 NI NI NI NI MW-28 NI NI NI NI MW-29 NI NI NI NI MW-29 NI NI NI NI MW-20 NI NI NI NI NI NI MW-20 NI NI NI NI NI NI MW-20 NI		······································	**************************************	49.95		
MW-06						
MW-07 (B) 53.9 54.47 54.55 54.59 MW-08 61.59 66.83 66.83 66.38 MW-09 59.57 61.83 60.51 60.46 MW-10 (B) 61.69 61.99 61.15 MW-11 (B) 58.41 63.66 63.7 62.34 MW-12 59.77 62.77 60.74 62.24 MW-13 80.92 80.62 DRY MW-14 81.54 79.07 75.11 MW-15 (B) NI NI NI NI MW-16 (B) NI NI NI NI MW-17 54.61 NI NI NI NI MW-18 NI NI NI NI NI MW-19 NI NI NI NI NI MW-19 NI NI NI NI NI MW-20 NI NI NI NI NI MW-21 NI NI NI NI MW-22 NI NI NI NI NI MW-22 NI NI NI NI NI MW-24 NI NI NI NI NI MW-24 NI NI NI NI NI MW-24 NI NI NI NI NI MW-25 59.56 NI NI NI NI MW-26 56.88 NI NI NI MW-01 56.88 NI NI NI RW-01 56.88 NI NI NI RW-01 56.88 NI NI NI RW-02 (B) NI NI NI NI RW-01 56.88 NI NI NI RW-02 (B) NI NI NI NI RW-01 56.88 NI NI NI RW-01 56.88 NI NI NI RW-02 (B) NI NI NI NI RW-01 56.88 NI NI NI RW-01 56.88 NI NI NI RW-02 (B) NI NI NI NI RW-02 (B) NI NI NI NI RW-02 (B) NI NI NI NI RW-01 56.88 NI NI NI RW-01 56.88 NI NI NI RW-02 (B) NI NI NI NI RW-02 (B) NI NI NI NI RW-01 56.88						
MW-08 61.59 66.83 66.38 66.38 66.38 MW-09 59.57 61.83 60.51 60.46 MW-10 (B) 61.69 61.99 61.15 MW-11 (B) 58.41 63.66 63.7 62.34 MW-12 59.77 62.77 60.74 62.24 MW-13 80.92 80.62 DRY MW-14 81.54 79.07 75.11 MW-15 (B) NI NI NI NI MI						
MW-09 59.57 61.83 60.51 60.46 MW-10 (B) 61.69 61.99 61.15 MW-11 (B) 58.41 63.66 63.7 62.34 MW-12 59.77 62.77 60.74 62.24 MW-13 80.92 80.62 DRY MW-14 81.54 79.07 75.11 MW-15 (B) NI NI NI MW-16 (B) NI NI NI MW-17 54.61 NI NI NI MW-18 NI NI NI NI MW-19 NI NI NI NI MW-20 NI NI NI NI MW-21 NI NI NI NI MW-22 NI NI NI NI MW-23 (B) NI NI NI NI MW-24 (A) NI NI NI NI MW-24 (B) NI NI NI NI MW-01						
MW-10 (B) 61.69 61.99 61.15 MW-11 (B) 58.41 63.66 63.7 62.34 MW-12 59.77 62.77 60.74 62.24 MW-13 80.92 80.62 DRY MW-14 81.54 79.07 75.11 MW-15 (B) NI NI NI MW-16 (B) NI NI NI MW-17 54.61 NI NI NI MW-18 NI NI NI NI MW-19 NI NI NI NI MW-20 NI NI NI NI MW-21 NI NI NI NI MW-22 NI NI NI NI MW-23 (B) NI NI NI NI MW-24 NI NI NI NI MW-20 59.56 NI NI NI NU NI NI NI NI NI NI <td< td=""><td>MW-09</td><td></td><td></td><td></td><td></td><td>4</td></td<>	MW-09					4
MW-11 (B) 58.41 63.66 63.7 62.34 MW-12 59.77 62.77 60.74 62.24 MW-13 80.92 80.62 DRY MW-14 81.54 79.07 75.11 MW-15 (B) NI NI NI MW-16 (B) NI NI NI MW-17 54.61 NI NI NI MW-18 NI NI NI NI MW-19 NI NI NI NI MW-20 NI NI NI NI MW-21 NI NI NI NI MW-22 NI NI NI NI MW-23 (B) NI NI NI NI MW-24 NI NI NI NI MW-20 59.35 NI NI NI MW-20 59.35 NI NI NI NW-01 56.88 NI NI NI RW-01 56.88 <t< td=""><td>MW-10 (B)</td><td></td><td></td><td>^</td><td>**************************************</td><td></td></t<>	MW-10 (B)			^	**************************************	
MW-12 59.77 62.77 60.74 62.24 MW-13 80.92 80.62 DRY MW-14 81.54 79.07 75.11 MW-15 (B) NI NI NI MW-16 (B) NI NI NI MW-17 54.61 NI NI NI MW-18 NI NI NI NI MW-19 NI NI NI NI MW-20 NI NI NI NI MW-21 NI NI NI NI MW-22 NI NI NI NI MW-23 (B) NI NI NI NI MW-24 NI NI NI NI MW-20 59.35 NI NI NI MW-20 59.35 NI NI NI RW-01 56.88 NI NI NI RW-01 56.88 NI NI NI NI NI NI <t< td=""><td></td><td>58.41</td><td></td><td></td><td></td><td></td></t<>		58.41				
MW-14 81.54 79.07 75.11 MW-15 (B) NI NI NI MW-16 (B) NI NI NI MW-17 54.61 NI NI NI MW-18 NI NI NI NI MW-19 NI NI NI NI MW-20 NI NI NI NI MW-21 NI NI NI NI MW-22 NI NI NI NI MW-23 (B) NI NI NI NI MW-24 NI NI NI NI PZ-01 59.56 NI NI NI RW-01 56.88 NI NI NI RW-01 56.88 NI NI NI RW-02 (B) NI NI NI NI	MW-12	59.77		60.74	62.24	
MW-15 (B) NI NI NI MW-16 (B) NI NI NI MW-17 54.61 NI NI NI MW-18 NI NI NI NI MW-19 NI NI NI NI MW-20 NI NI NI NI MW-21 NI NI NI NI MW-22 NI NI NI NI MW-23 (B) NI NI NI NI MW-24 NI NI NI NI PZ-01 59.56 NI NI NI PZ-02 59.35 NI NI NI RW-01 56.88 NI NI NI RW-01 56.88 NI NI NI RW-02 (B) NI NI NI NI	MW-13				DRY	
MW-16 (B) NI NI NI MW-17 54,61 NI NI NI MW-18 NI NI NI NI MW-19 NI NI NI NI MW-20 NI NI NI NI MW-21 NI NI NI NI MW-22 NI NI NI NI MW-23 (B) NI NI NI NI MW-24 NI NI NI NI PZ-01 59.56 NI NI NI PZ-02 59.35 NI NI NI RW-01 56.88 NI NI NI RW-01 56.88 NI NI NI RW-02 (B) NI NI NI NI	MW-14		81.54	79.07	75.11	
MW-17 54,61 NI NI NI MW-18 NI NI NI NI MW-19 NI NI NI NI MW-20 NI NI NI NI MW-21 NI NI NI NI MW-22 NI NI NI NI MW-23 (B) NI NI NI NI MW-24 NI NI NI NI PZ-01 59,56 NI NI NI PZ-02 59,35 NI NI NI RW-01 56,88 NI NI NI NI RW-01 56,88 NI NI NI NI RW-02 (B) NI NI NI NI	MW-15 (B)	***	NI	NI	NI	
MW-18 NI NI NI NI MW-19 NI NI NI NI MW-20 NI NI NI NI MW-21 NI NI NI NI MW-22 NI NI NI NI MW-23 (B) NI NI NI NI MW-24 NI NI NI NI PZ-01 59.56 NI NI NI PZ-02 59.35 NI NI NI RW-01 56.88 NI NI NI RW-01 56.88 NI NI NI RW-02 (B) NI NI NI NI	MW-16 (B)		NI	NI	NI	
MW-19 NI NI NI NI NI MW-20 NI NI NI NI NI MW-21 NI NI NI NI MW-22 NI NI NI NI NI MW-23 (B) NI NI NI NI NI MW-24 NI NI NI NI NI PZ-01 59.56 NI NI NI NI PZ-02 59.35 NI NI NI RW-01 56.88 NI NI NI RW-01 56.88 NI NI NI RW-02 (B) NI NI NI NI RW-02 (B) NI NI NI NI RW-02 (B) NI NI NI NI RW-03 NI NI NI NI RW-04 NI NI NI RW-05 NI NI NI NI RW-06 NI NI NI NI RW-07 NI NI NI NI RW-08 NI NI NI NI	MW-17	54,61	NI	NI	NI	
MW-20 NI NI NI NI NI NI MI MW-21 NI	MW-18	NI	NI	NI	NI	
MW-21 NI NI NI NI NI NI MI MW-22 NI NI NI NI NI NI NI MW-23 (B) NI	MW-19	NI NI	NI	NI NI	NI	
MW-22 NI NI NI NI NI NI MI MW-23 (B) NI	MW-20	NI	NI	NI	NI	
MW-23 (B) NI NI NI NI NI MW-24 NI NI NI NI PZ-01 59.56 NI NI NI PZ-02 59.35 NI NI NI RW-01 56.88 NI NI NI RW-01 56.88 NI NI NI RW-01 56.88 NI NI NI RW-02 (B) NI NI NI NI	MW-21	NI	NI	NI	NI	
MW-24 NI NI NI NI NI PZ-01 59,56 NI NI NI PZ-02 59,35 NI NI NI RW-01 56,88 NI NI NI RW-01 56,88 NI NI NI RW-01 56,88 NI NI NI RW-01 NI NI NI	MW-22	NI	NI	NI	NI	
PZ-01 59,56 NI NI NI NI PZ-02 59.35 NI NI NI RW-01 56,88 NI NI NI RW-01 56,88 NI NI NI RW-01 56,88 NI NI NI RW-02 (B) NI NI NI NI	MW-23 (B)	NI NI	NI	NI	NI NI	
PZ-02 59.35 NI NI NI NI NI RW-01 56,88 NI NI NI NI RW-01 56,88 NI NI NI NI RW-01 56,88 NI NI NI NI RW-02 (B) NI NI NI NI	MW-24			NI		
RW-01 56.88 NI NI NI RW-01 56.88 NI NI NI RW-02 (B) NI NI NI NI	PZ-01			NI		
RW-01 56.88 NI NI NI RW-02 (B) NI NI NI NI	PZ-02					
RW-02 (B) NI NI NI NI	RW-01		The art and a state of the stat	·		
	RW-01					
SUMP NI NI NI O	RW-02 (B)					
	SUMP	NI	NI	NI	NI	

Notes:

NI-Well not installed at time of monitoring, NA-Data not available, AB-Well was abandoned, --- Water level not monitored, (B)-Bedrock ground water monitoring well,

Q:\2488_AccuDie\SemiAnnual Tables\Ground Water Elevation Summary Table_April 05.xls

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



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

Notes:

ND - Not detected above method detection limit, --- - Not analyzed, NI - Not installed at time of monitoring, AB - Well was abandoned.

MW-01 through MW-16 installed during Remedial Investigation (Steams & Wheler).

MW-03 removed as part of TCE Soils Interim Remedial Measure (IRM) completed in September 1994. Data was collected by Stearns & Wheler prior to 07/22/94. MW-04 and MW-20 were abandoned and replaced by MW-21 and MW-22 on 01/20/97.

Q:\2488_AccuDie\SemiAnnual Tables\TCE Data_April 05.xls



		Nov/2000	Apr/2000	Oct/1999	Apr/1999	Nov/1998	Oct/1998	Apr/1998	Jan/1998
	TCE	TCE	TCE	TCE	TCE	TCE	TCE	TCE	TCE
	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Location ID									
MW-01									
MW-02		ND		ND	***		ND		
MW-03	AB	AB	AB	AB	AB	AB	AB	AB	AB
MW-04	AB	AB	AB	AB	_ AB	AB_	AB	AB	AB
MW-05		110		78			200		
MW-06	89	48	30	72	63		92	140	***
MW-07 (B)		,		ND			ND		
MW-08	(Line)	ND:		ND ND	a di sa		ND_	in the second	·
MW-09	70	60	69	46	120		80	120	140
MW-10 (B)	600	690	530	700	720		880	930	
MW-11 (B)	680	840	670	900	740		1100	920	
MW-12		17		15	****		22		
MW-13		790		430			480		
MW-14	270	280	250	260	460	No contract	400	460	560
MW-15 (B)		7		13			21		
MW-16 (B)		3		15	***		4	***	
MW-17	240	220	160	180	280		250	800	270
MW-18	970	1900	360	1800	620		3600	1100	1000
MW-20						===			
MW-21	35	73	42	90	510		180	1300	120
MW-22	13	12	13	9	10		14	10	5
MW-23 (B)		ND	Mm# · ·	ND		***	ND		ND
MW-24	600	2400	690	4300	4300	6000	===		
PZ-01		29		410			85		
PZ-02		160		18			250		
SUMP	1000	1100	490		400		850	560	
			<u> </u>						

Notes:

ND - Not detected above method detection limit, --- - Not analyzed, NI - Not installed at time of monitoring, AB - Well was abandoned.

MW-01 through MW-16 installed during Remedial Investigation (Stearns & Wheler).

MW-03 removed as part of TCE Soils Interim Remedial Measure (IRM) completed in September 1994. Data was collected by Steams & Wheler prior to 07/22/94. MW-04 and MW-20 were abandoned and replaced by MW-21 and MW-22 on 01/20/97.

Q:\2488_AccuDie\Se niAnnual Tables\TCE Data_April 05.xls



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

Notes:

ND - Not detected above method detection limit, --- - Not analyzed, NI - Not installed at time of monitoring, AB - Well was abandoned.

MW-01 through MW-16 installed during Remedial Investigation (Stearns & Wheler).

MW-03 removed as part of TCE Soils Interim Remedial Measure (IRM) completed in September 1994. Data was collected by Stearns & Wheler prior to 07/22/94. MW-04 and MW-20 were abandoned and replaced by MW-21 and MW-22 on 01/20/97.

Q:\2488_AccuDie\SemiAnnual Tables\TCE Data_April 05.xls



Date Sampled	Oct/1995	Jul/1995	Apr/1995	Feb/1995	Oct/1994	Jul/1994	May/1992	May/1990	Dec/1989
•	TCE	TCE	TCE	TCE	TCE	TCE	TCE	TCE	TCE
	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Location ID					<u>-</u>	_	_	_	
MW-01							ND	2	ND.
MW-02	ND	ND	ND	ND	ND ND		ND_	1	ND
MW-03	AB	AB	AB	AB	AB	ND	340000	440000	ND
MW-04	15		16	13	23	270	6	43	7
MW-05			280	290	410	330	110	344	340
MW-06	_180	270	280	330	360	390	510	454	700
MW-07 (B)	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-08	ND	ND	ND	ND	ND	-7-	ND	ND_	ND
MW-09	68	75	84	74	74	72	60	106	109
MW-10 (B)	890	900	1200	1400	1300	1600	4500		
MW-11 (B)	2600	4000	3900	4300	5300	5500	5200		
MW-12	29	25	30	33	35	44	36		
MW-13					510	740	110		
MW-14	78	140	95	79	120	150	67		
MW-15 (B)	7	17	10	11	14		NI	NI	NI
MW-16 (B)	20	<u>1</u> 8	7	17	6		NI	NI	NI
MW-17		160	130	200	140	260	NI	NI	NI
MW-18	NI	NI	ΝĬ	NI	NI	N <u>I</u>	NI	NI	NI
MW-20	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-21	NI	NI NI	NI	NI	NI NI	NI	ÑI	NI	NI
MW-22	NI	NI	NI	NI	NI	NI	NI	NI	NI
MW-23 (B)	NI	NI	NI NI	NI	NI	NI	NI	NI_	NI
MW-24	NI	NI	NI	NI	NI	NI	NI	NI	NI
PZ-01		120		***			NI	NI NI	NI NI
PZ-02		400	490				NI	NI	NI
SUMP					NI	NI	NI	NI	NI
								1 12	

Notes:

ND - Not detected above method detection limit, --- - Not analyzed, NI - Not installed at time of monitoring, AB - Well was abandoned.

MW-01 through MW-16 installed during Remedial Investigation (Stearns & Wheler).

MW-03 removed as part of TCE Soils Interim Remedial Measure (IRM) completed in September 1994. Data was collected by Stearns & Wheler prior to 07/22/94.

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



Date Sampled	Aug/1989	 -		_						 					
·	TCE														
	ug/L														
Location ID	3,														
MW-01	112	 													
MW-02	ND									 					
MW-03	ND														
MW-04															
MW-05															
MW-06															
MW-07 (B)															
MW-08								Warran / 11/2000 11/2000 11/2000 11/2000 11/2000 11/2000 11/2000 11/2000 11/2000 11/2000 11/2000 11/2000 11/20	···						
MW-09		 													
MW-10 (B)				· · · · · · · · · · · · · · · · · · ·						 					
MW-11 (B)		 								 					
MW-12				121				14.							
MW-13	`	 								 					
MW-14		 								 					
MW-15 (B)	NI	 								 	ساسست درس سابست				
MW-16 (B)	NI	 			····	 				 		·····			
MW-17	NI	 													
MW-18	NI NI	 						- 1/2		 			1:		
MW-20	NI	 		······						 					
MW-21	NI NI	 					***************************************			 		· · · · · · · · · · · · · · · · · · ·			
MW-22	NI	 		·	<u> </u>					 					
MW-23 (B)	NI	 								 					
MW-24	NI	 							· ·	 					
PZ-01	NI		. '		· · · · · · · · · · · · · · · · · · ·			····		 <u> </u>	· · ·				
PZ-02	NI	 								 					
SUMP	NI	 								 					
		 								 					
		 								 					
	1									 					
		 			· · · · · · · · · · · · · · · · · · ·								· · · · · · · · · · · · · · · · · · ·		
Notes:															

Notes:

ND - Not detected above method detection limit, --- - Not analyzed, NI - Not installed at time of monitoring, AB - Well was abandoned.

MW-01 through MW-16 installed during Remedial Investigation (Stearns & Wheler).

MW-03 removed as part of TCE Soils Interim Remedial Measure (IRM) completed in September 1994. Data was collected by Stearns & Wheler prior to 07/22/94.

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

Q:\2488_AccuDie\SemiAnnual Tables\TCE Data_April 05.xls



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

Q:\2488_AccuDie\SemiAnnual Tables\Other Detected VOC_April 05.xls

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

ug/L ug/L	Location ID		MW-11 (B)	MW-18	MW-24	MW-05	MW-17	MW-21	MW-22	MW-24	MW-18
Chemical Name 1,1-Dichloroethene	Sample Date	2005-Apr	2005-Apr	2005-Apr	2005-Apr	2004-Dec	2004-Dec	2004-Dec	2004-Dec	2004-Dec	2004-Jul
1,1-Dichloroethene		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Chloroform											
Cis-1,2-Dichloroethene						****					
Methylene Chloride											
Tetrachloroethene 0.10 0.30 0.51 2.7 11 Toluene 0.86 1.1 1.1					44		5.1	2.8	47	69	140
Toluene											
trans-1,2-Dichloroethene 0.12 0.86 1.1 Vinyl chloride 1.1						2.7	11				
Vinyl chloride ————————————————————————————————————				· · · · · · · · · · · · · · · · · · ·					······································		·
	trans-1,2-Dichloroethene	0.12		0.86					1.1		
	Vinyl chloride										
						en Average and a second		Washington de la companya de la comp			
								·····	. 1		
									· · · · · · · · · · · · · · · · · · ·		
					**************************************		····			·	^ <u></u>
		1									
						-					
									·		
	<u> </u>						·····				
			oriente de la constantina del constantina de la constantina de la constantina de la constantina del constantina de la co	***************************************			······································		·····		
							**************************************		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
				· · · · · · · · · · · · · · · · · · ·							
						•					

Page 1 of 8



2004 101	MW-15 (B)	MW-21	MW-22	MW-24	MW-18	MW-24	MW-18	MW-17	MW-22
						•			2002-Oct
ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
	1								
680		32	52	81	130	410	310	22	51
	·					~~~			
									
44	weak w		******				***		
		7.5							7.5
									
		-						and the state of t	:
				-					
	. 37								
:	100						::	2.6	
				·					
						· · · · · · · · · · · · · · · · · · ·			
	680	ug/L ug/L 1 680	ug/L ug/L ug/L 1 680 32 44	ug/L ug/L ug/L ug/L 1	ug/L ug/L ug/L ug/L 1 680 32 52 81 44	ug/L ug/L ug/L ug/L ug/L ug/L 1	ug/L ug/L ug/L ug/L ug/L ug/L 1 680 32 52 81 130 410 44	ug/L ug/L <th< td=""><td>ug/L ug/L <th< td=""></th<></td></th<>	ug/L ug/L <th< td=""></th<>

--- Not detected.

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

Q:\2488_AccuDie\SemiAnnual Tables\Other Detected VOC_April 05.xls



Location ID	MW-12	MW-24	MW-17	MW-18	MW-21	MW-22	MW-24	MW-13	SUMP	MW-17
Sample Date	2002-Oct	2002-Jun	2001-Nov	2001-Nov	2001-Nov	2001-Nov	2001-Nov	2001-Nov	2001-Nov	2001-Jul
	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Chemical Name										
1,1-Dichloroethene										
Chloroform								40	180	
cis-1,2-Dichloroethene		680	10	120	240	36	2100			10
Methylene Chloride										
Tetrachloroethene			8							7
Toluene .	2									
trans-1,2-Dichloroethene										
Vinyl chloride			1			***			***	wiston
· · · · · · · · · · · · · · · · · · ·	#1714							· ·		
										
		**************************************		<u></u>						
										······································
						· · · · · · · · · · · · · · · · · · ·	- "			
	······································							<u></u>		
······································										
Notes:			<u>.</u>				· · · · · · · · · · · · · · · · · · ·			

--- Not detected.

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

Q:\2488_AccuDie\SemlAnnual Tables\Other Detected VOC_April 05.xls



Location ID	MW-21	MW-22	MW-24	MW-17	MW-18	MW-22	SUMP	MW-21	MW-24	MW-18
Sample Date	2001-Jul	2001-Jul	2001-Jul	2000-Nov	2000-Nov	2000-Nov	2000-Nov	2000-Nov	2000-Nov	2000-Ap
	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Chemical Name										
,1-Dichloroethene				dan sin sila						
Chloroform						No. of the last of				
is-1,2-Dichloroethene	130	37	400	15	100	29	51	220	1200	14
Methylene Chloride										
etrachloroethene				7						
oluene		<u></u>					: 			
rans-1,2-Dichloroethene										
/inyl chloride		***			***		***			
						***************************************				····
	·····		 					 		
	· 									
								· · · · · · · · · · · · · · · · · · ·		
			· · · · · · · · · · · · · · · · · · ·	_ 	·					
·										
		·								

Notes:

--- Not detected.

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

Q:\2488_AccuDie\SemiAnnual Tables\Other Detected VOC_April 05.xls



Location ID	MW-21	MW-22	MW-24	MW-21	MW-22	MW-24	MW-10 (B)	MW-11 (B)	MW-17	MW-18
Sample Date	2000-Apr	2000-Apr	2000-Apr	1999-Oct	1999-Oct	1999-Oct	1999-Apr	1999-Apr	1999-Apr	1999-Apr
	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Chemical Name										
1,1-Dichloroethene										
Chloroform							29	60		
cis-1,2-Dichloroethene	140	26	250	670	28	3000				37
Methylene Chloride					~~~		***	-4-	***	
Tetrachloroethene									23	
Toluene										
trans-1,2-Dichloroethene										
Vinyl chloride		***				w	****			***
1										
								:		
										<u> </u>
					_		_	_	_	
									-	
		:								
54 ⁴ - 1	W. C		· · · · · · · · · · · · · · · · · · ·		Y .				- 10 Day	
	- III		,							
			, <u></u>	<u></u>						

	· · · · · · · · · · · · · · · · · · ·		<u> </u>	· · · · · · · · · · · · · · · · · · ·						
						, <u></u>				
	~~~		Transcollina and the second se						the state of the s	······································
			•			·				
Notes:										

- Not detected.

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

Q:\2488_AccuDie\SemiAnnual Tables\Other Detected VOC_April 05.xls



Q:\2488_AccuDie\SemiAnnual Tables\Other Detected VOC_April 05.xls

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

Location ID Sample Date	MW-21 1999-Apr	MW-22 1999-Apr	MW-24 1999-Apr	MW-24 1998-Nov	MW-18 1998-Oct	MW-21 1998-Oct	MW-22 1998-Oct	MW-17 1998-Oct	MW-21 1998-Apr	MW-22 1998-Apr
Sample Date	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Chemical Name	ug/L	uy/L	ug/L	ug/L	uy/L	ug/L	ug/ L	ug/ L	ug/L	ug/L
1,1-Dichloroethene										
Chloroform										
cis-1,2-Dichloroethene	2100	24	1600	2600	160	340	35		1400	22
lethylene Chloride										
Tetrachloroethene								17		
<b>Soluene</b>										
rans-1,2-Dichloroethene										
/inyl chloride	Minaw	awa awa	****	an-44 Wo	## UP ##	Walte Add	****	******	244	
						NP star Paragraphy				
								×112		

Page 6 of 8



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

Q:\2488_AccuDie\SemiAnnual Tables\Other Detected VOC_April 05.xls

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

Location ID	MW-17	MW-21	MW-22	MW-21	MW-22	MW-17	MW-18	MW-21	MW-22	MW-21
Sample Date	1998-Jan	1998-Jan	1998-Jan	1997-Oct	1997-Oct	1997-Jul	1997-Jul	1997-Jul	1997-Jul	1997-Apr
	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
hemical Name										
,1-Dichloroethene										
hloroform										
is-1,2-Dichloroethene		350	11	800	22		66	770	9	630
lethylene Chloride										***
etrachloroethene	12					18				
oluene										
ans-1,2-Dichloroethene										
inyl chloride	***		***		. 3					
										,
and the second	<u> </u>	åş.				<u> </u>		·		
										_
					10.					
				······································			Order Antonia		· · · · · · · · · · · · · · · · · · ·	
										·
	· · · · · · · · · · · · · · · · · · ·									
						· · · · · · · · · · · · · · · · · · ·			<u> </u>	
	· · · · · · · · · · · · · · · · · · ·	- Washington						······································		
			<del></del>							
						<del></del>				
· · · · · · · · · · · · · · · · · · ·		***	. :		· · · · · · · · · · · · · · · · · · ·					
			. : .		·					· · · · · · · · · · · · · · · · · · ·
						<del></del>				

Page 7 of 8



	Location ID	MW-22	MW-17	MW-21	MW-22	MW-17	MW-04	MW-17	MW-18	MW-20	MW-17
hemical Name ,1-Dichloroethene	Sample Date	1997-Apr	1997-Apr	1997-Jan	1997-Jan	1997-Jan	1996-Oct	1996-Oct	1996-Oct	1996-May	1996-Apr
1-Dichloroethene		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Section   Sect	iemical Name										. =
is-1,2-Dichloroethene											
lethylene Chloride											
etrachloroethene 15 22 12		4		650	5		12	7	81	46	
oluene	ethylene Chloride			Men			***				
rans-1,2-Dichloroethene			·								20
/inyl chloride											
		<del> </del>	<del> </del>								
	nyl chloride	***		***						***	
										<del> </del>	·····
											·····
				· · · · · · · · · · · · · · · · · · ·							
				······································	<del></del>		<del> </del>				
						<del> –</del>					
											····
			0.13				Party P				
					<del></del>		<del></del>	<del></del>			
					the state of the s		•	<u> </u>			
											h.ide.ww
								<del></del>			
							<del></del>				
										- distribution	
				****							
			1		·			:		·	

--- Not detected.

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

Q:\2488_AccuDie\SemiAnnual Tables\Other Detected VOC_April 05.xls

#### ATTACHMENT A

### SPDES PERMIT COMPLIANCE MONITORING LABORATORY ANALYTICAL DATA REPORT



Wednesday, April 20, 2005

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

TEL: 315-437-6100

RE: Analytical Results

Order No.: 0504037

Dear Al Farrell:

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

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

Monka Santuca.

Monika Santucci

**Project Supervisor** 



**Analytical Results** 

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

Sample Size: 10 mL

TestCode: 8260W

%Moisture:

StateCertNo: 10155

CLIENT:

O'Brien & Gere Inc. of North America

Project:

Former Accurate Die Cast

Matrix:

Work Order: 0504037 WATER

InstrumentID: MS01 11

Revision:

ColumnID:

Rtx-VMS

4/12/05 3:57:01 PM

Lab ID:

0504037-004A

Client Sample ID: Effluent

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

Date Received:

4/7/05

PrepDate:

BatchNo: FileID:

R614

T7811.D

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

Qualifiers:

Value exceeds Maximum Contaminant Level

Value above quantitation range

Analyte detected below quantitation limits

Spike Recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

Print Date: 4/12/05 3:57:36 PM Project Supervisor: Monika Santucci Page 1 of 3



**Analytical Results** 

4/11/05 5:43:00 PM

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

StateCertNo: 10155

CLIENT:

O'Brien & Gere Inc. of North America

Project:

Former Accurate Die Cast

Work Order: 0504037

Matrix:

WATER

InstrumentID: MS01 11 ColumnID: Revision:

Surr: Toluene-d8

Rtx-VMS

4/12/05 3:57:01 PM

Sample Size: 10 mL

97.0

%Moisture: TestCode:

8260W

Lab ID:

0504037-005A

Client Sample ID: In-Between

Collection Date:

4/7/05 10:00:00 AM

Date Received:

4/7/05

PrepDate:

BatchNo:

FileID:

%REC

R614 T7812.D

Amaluta	Posult Or	ial DOI	Units	DE	Data Amalumad
Analyte	Result Qual PQL		Units	DF_	Date Analyzed
VOLATILE ORGANIC COMPOUNDS	BY GC/MS	SW8260B			
1,1,2,2-Tetrachloroethane	ND	0.50	μg/L	1	4/11/05 5:43:00 PM
cis-1,2-Dichloroethene	ND	0.50	μg/L	1	4/11/05 5:43:00 PM
Methylene chloride	ND	2.0	μg/L	1	4/11/05 5:43:00 PM
Tetrachloroethene	ND	0.50	μg/L	1	4/11/05 5:43:00 PM
Toluene	ND	0.50	μg/L	1	4/11/05 5:43:00 PM
trans-1,2-Dichloroethene	ND	0.50	μg/L	1	4/11/05 5:43:00 PM
Trichloroethene	ND	0.50	μg/L	1	4/11/05 5:43:00 PM
Surr: 1,2-Dichloroethane-d4	90.0	75-134	%REC	1	4/11/05 5:43:00 PM
Surr: 4-Bromofluorobenzene	82.5	75-125	%REC	1	4/11/05 5:43:00 PM
Surr: Dibromofluoromethane	103	75-127	%REC	1	4/11/05 5:43:00 PM

75-125

Qualifiers:

Value exceeds Maximum Contaminant Level

Value above quantitation range

Analyte detected below quantitation limits

Spike Recovery outside accepted recovery limits

Analyte detected in the associated Method Blank

Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



**Analytical Results** 

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

StateCertNo: 10155

CLIENT: Project:

O'Brien & Gere Inc. of North America

Former Accurate Die Cast

Work Order: 0504037

WATER Matrix:

InstrumentID: MS01 11

ColumnID: Rtx-VMS Revision:

4/12/05 3:57:01 PM

Sample Size: 10 mL %Moisture:

TestCode: 8260W Lab ID: 0504037-006A

Client Sample ID: Influent

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

Date Received: 4/7/05

PrepDate:

BatchNo: R614

FileID:

T7813.D

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

Qualifiers:

Value exceeds Maximum Contaminant Level

Value above quantitation range

Analyte detected below quantitation limits

Spike Recovery outside accepted recovery limits

Analyte detected in the associated Method Blank

Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit



**Analytical Results** 

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

StateCertNo: 10155

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

Project: Former Accurate Die Cast

W Order: 0504037

Matrix: WATER

Inst. ID: ICAP 61E

ColumnID:

Sample Size: 50 mL %Moisture:

TestCode:

Revision: 4/13/05 9:33:38 AM Lab ID:

0504037-002A Client Sample ID: WTP Eff-4/7A 4/7/05 10:00:00 AM

**Collection Date:** Date Received:

4/7/05 4/8/05

PrepDate: BatchNo:

329/R612

FileID: 2095

Analyte	Result Qu	al PQL		Units	DF	Date Analyzed
TOTAL METALS BY ICP			EPA 200.7			(E4.1.3)
Zinc	0.030	0.010		mg/L	1	4/12/05 1:05:00 PM

200.7W.3

Qualifiers:

Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

Value above quantitation range

Analyte detected below quantitation limits

Spike Recovery outside accepted recovery limits



**Analytical Results** 

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

StateCertNo: 10155

CLIENT:

O'Brien & Gere Inc. of North America

Project:

Former Accurate Die Cast

W Order:

0504037

Matrix:

Revision:

WATER

Inst. 1D: ColumnID: **FIMS 100** 

4/20/05 3:46:35 PM

Sample Size: 50 mL

%Moisture:

TestCode:

Lab ID:

0504037-002A Client Sample ID: WTP Eff-4/7A

**Collection Date:** 

4/7/05 10:00:00 AM 4/7/05

Date Received: PrepDate:

BatchNo:

4/18/05 5:45:00 PM

FileID:

384/R721

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

HG245W

Qualifiers:

Analyte detected in the associated Method Blank

Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

Value above quantitation range

Analyte detected below quantitation limits

Spike Recovery outside accepted recovery limits



**Analytical Results** 

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

StateCertNo: 10155

CLIENT:

O'Brien & Gere Inc. of North America

Project:

Former Accurate Die Cast

4/13/05 9:33:38 AM

W Order:

0504037

Matrix:

WATER

Inst. ID:

ICAP 61E

ColumnID: Revision:

Sample Size: 50 mL

%Moisture:

TestCode:

Lab ID:

0504037-003A

Client Sample ID: Influent-4/7 Collection Date:

4/7/05 10:00:00 AM

Date Received:

4/7/05

PrepDate:

4/8/05

BatchNo: FileID:

329/R612

2096

Analyte	Result Qu	ıal PQL		Units	DF	Date Analyzed
TOTAL METALS BY ICP			EPA 200.7			(E4.1.3)
Zinc	0.052	0.010		mg/L	1	4/12/05 1:09:00 PM

200.7W.3

Qualifiers:

Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

Value above quantitation range

Analyte detected below quantitation limits

Spike Recovery outside accepted recovery limits



**Analytical Results** 

📕 5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

StateCertNo: 10155

**CLIENT:** 

O'Brien & Gere Inc. of North America

Project:

Former Accurate Die Cast

4/20/05 3:46:35 PM

W Order:

0504037

Matrix:

WATER

**FIMS 100** 

Inst. ID: ColumnID: Revision:

Sample Size: 50 mL

%Moisture:

TestCode: HG245W Lab ID:

0504037-003A

Client Sample ID: Influent-4/7

**Collection Date:** 

4/7/05 10:00:00 AM

Date Received:

4/7/05

PrepDate: BatchNo:

4/18/05 5:45:00 PM

FileID:

384/R721

Analyte	Result Qual P	QL	Units	DF	Date Analyzed
MERCURY		EPA 245.1			(E245.1)
Mercury	ND 0	.00020	mg/L	1	4/19/05 2:51:22 PM

Qualifiers:

Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

Value above quantitation range

Analyte detected below quantitation limits

Spike Recovery outside accepted recovery limits

Print Date: 4/21/05 3:15:57 PM

Project Supervisor: Monika Santucci

Page 4 of 4



5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

**Analytical Results** 

StateCertNo: 10155

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

**Project:** Former Accurate Die Cast

W Order: 0504037

WATER Matrix:

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

0504037-001A

**Collection Date:** 

4/7/2005 10:00:00 AM

Date Received:

4/7/2005

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

Qualifiers:

Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

E Value above quantitation range

Analyte detected below quantitation limits

Spike Recovery outside accepted recovery limits

Print Date: 4/20/2005 5:44:04 PM Project Supervisor: Monika Santucci Page 1 of 6

5000 Brittonfield Parkway

Fast Syracuse, New York

### **Chain of Custody**

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

Client: OGINA							Analysis/Method						
Project: Accumpte Die Const	oject: Accumpte Die Gast							7		1/	/	/	
Sampled by: // spano Melau	ampled by: // whom o Melaushin'							90	2/	*	/		
Client Contact: A/ Fannell F	// Phone # 23/6						8/	124°0	J2/2	£/			
Sample Des	cription					ء کر /							
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	// /\		13	7		<i> -</i>		Comments
WTP Effluent	4/2/05	10:00	WATEL	Cons	1	1							
/4	4/1/05		1	Cong									·
In Shent	4/7/05			Comp	1				1				
Edffrent	4/7/05			GARL	_3		3						
IN-Between	4/7/05		<u> </u>	anos	3			3					
Influent	1/1/05	1		Grab	3			3					
	ļ												
	ļ		ļ									·	
	<u> </u>												
	ļ										,		
			<del></del>				}		·				· ·
	<u> </u>		·	<u>-</u>									
Relinquished by:	. Da	te: <i>4/7/</i>	Time	/2:20	Receive	d by:					Da	ate:	Time:
Relinquished by:	Da	te:	Time	: 	Receive	d by:	$\sim$			,	Da	ate:	Time:
Relinquished by:	Da	le:	Time		Receive	d by Lat	p: //	M	MA		Da	ate: 4	1/15 Time: 1200
Shipment Method: AAND					Airbill Nu	umber:	10	, ,					1

Turnaround	Time	Required:	
Rout	ine	V	•

me Required: Comme

Rush (Specify)

Cooler Temperature:

Comments:

Original - Laboratory Copy - Client

#### Sample Receipt Checklist

,	Client Name OGINA				Date and Tim	e Receive			4/7/05
	Work Order Number 0504037	4			Received by	srm			
	Checklist completed by Signature	Date			Reviewed by	Initials		Date	
!	Matrix:	Carrier name:							
	Shipping container/cooler in good condition?		Yes	V	No 🗌	Not Present			
1	Custody seals intact on shippping container/coo	ler?	Yes		No 🗌	Not Present	$\mathbf{Z}$		
	Custody seals intact on sample bottles?		Yes		No 🗌	Not Present	V		
,	Chain of custody present?		Yes	Ø	No 🗀				
	Chain of custody signed when relinquished and	received?	Yes	Ø	No 🗀				
	Chain of custody agrees with sample labels?		Yes	$\mathbf{Z}$	No 🗌				
i	Samples in proper container/bottle?		Yes	$\overline{\mathbf{X}}$	No 🗆				
	Sample containers intact?		Yes	$\overline{\mathbf{X}}$	No 🗆				
	Sufficient sample volume for indicated test?		Yes	V	No 🗆				
	All samples received within holding time?		Yes	<b>Y</b>	No 🗌				
	Container/Temp Blank temperature in compliance	ce?	Yes	V	No 🗀				
	Water - VOA vials have zero headspace?	No VOA vials submi	itted		Yes 😿	No 🗌			
	Water - pH acceptable upon receipt?	4.	Yes	$\mathbf{Z}$	No 🗆				
		Adjusted?			Checked by				
	Any No and/or NA (not applicable) response mu	st be detailed in the co	mme 	ents se	ction be			:	=====
	Client contacted	Date contacted:			Perso	on contacted			
	Contacted by:	Regarding:							
	Comments:								
	Corrective Action								



Friday, April 29, 2005

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

TEL: 315-437-6100

RE: Analytical Results

Order No.: 0504080

Dear Al Farrell:

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

Very truly yours,

O'BRIEN & GERE LABORATORIES, INC.

Monked Sontuce

Monika Santucci

Project Supervisor



5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

**Analytical Results** 

StateCertNo: 10155

CLIENT: O'Brien & Gere Engineers, Inc.

Project: Former Accurate Die Cast

W Order: 0504080 Matrix: WATER

Lab ID: 0504080-001A

Client Sample ID: WTP Eff-4/14 4/14/2005 10:00:00 AM **Collection Date:** 

Date Received: 4/14/2005

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

Qualifiers:

B Analyte detected in the associated Method Blank

Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

E Value above quantitation range

Analyte detected below quantitation limits

Spike Recovery outside accepted recovery limits

Print Date: 4/29/2005 2:42:44 PM Project Supervisor: Monika Santucci Page 1 of 1

5000 Brittonfield Parkway
East Syracuse, New York 13057

Chain of Custody

(315) 437-0200

Client: OGINA	lient: OCINA							Analysis/Method					
Project: Accurate Die Cast	_						- 7	/	7		7		
Project: Accurage Die Cast Sampled by: Richard Myave	shlmi					] /	$\forall$						
Client Contact: A France of	t Contact: A France Phone # 23/6												
,	Sample Description												
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers						<u> </u>		Comments
WIP Etfluenz	4/14/05	10:00	WATCI	Con	/	1							
		·						•					
	<del></del>												·
	<del> </del>					<u> </u>							
	<u> </u>		· · · · · · · · · · · · · · · · · · ·										
		<u> </u>											
					<u>-</u>								
Relinquished by: Thehen 4 Mayon	Da	te: 4//4/	os Time:	12:05	Receive	d by:					Da	te:	Time:
Relinquished by:	Da	te:	Time:		Receive	d by:	$\sim$				Da	te:	Time:
Relinquished by:	Da	te:	Time:		Receive	d by Lat	://)	M	al	M	Da	te: 4//	4/05 Time:/205
Shipment Method: Line 0					Airbill Nu	ımber:	, V						<i>j</i>

I Ullia Duna I illie Neganea.	T	urnaround	Time	Required:	
-------------------------------	---	-----------	------	-----------	--

Comments:

Routine___

Rush (Specify),

Cooler Temperature:

DC iced

Original - Laboratory Copy - Client



Friday, April 29, 2005

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

TEL: 315-437-6100

RE: Analytical Results

Order No.: 0504124

Dear Al Farrell:

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

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

Monta Sortuce

Monika Santucci

**Project Supervisor** 



**Analytical Results** 

📕 🧮 5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

StateCertNo: 10155

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

**Project:** Former Accurate Die Cast

W Order: 0504124 Matrix: WATER

Inst. ID: MS01 11

ColumnID: Rtx-VMS

Revision: 4/29/05 10:59:08 AM Sample Size: 10 mL

%Moisture:

TestCode: 8260W

Lab ID:

0504124-002A Client Sample ID: Effluent-Grab

**Collection Date:** 4/21/05

Date Received:

4/21/05

PrepDate:

FileID:

BatchNo: R851

T8091.D

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

Qualifiers:

Analyte detected in the associated Method Blank

Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

Value above quantitation range

Analyte detected below quantitation limits

Spike Recovery outside accepted recovery limits



5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

### **Analytical Results**

StateCertNo: 10155

CLIENT: O'Brien & Gere Engineers, Inc.

Project: Former Accurate Die Cast

W Order: 0504124 Matrix: WATER

Lab ID:

0504124-001A

Client Sample ID: Effluent-Comp **Collection Date:** 

Date Received:

4/21/2005 4/21/2005

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

Qualifiers:

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

Ε Value above quantitation range

Analyte detected below quantitation limits

Spike Recovery outside accepted recovery limits

Print Date: 5/5/2005 8:19:30 PM Project Supervisor: Monika Santucci Page 1 of 2

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

(315) 437-0200

Client: OGINA							· · · · · · · · · · · · · · · · · · ·		AI	naiysis	/Metn	oa	
Project: Former Accurate D	ie Ca	s7											. (
Sampled by: Ruhnzo McLau	ablin					/	5/	$\backslash G'$					1 124
Client Contact: A   Facre	hone #	231	6			] / <	$\langle \cdot \rangle / \langle \cdot \rangle$	260					~
· ·						ي / [	\ 1 ~ ·	) /					
Sample Des	<del></del>		·	·	,		1/19	"/					
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers		/ 7				<u> </u>		Comments
Effluent	4/21/05		WATON		1	_/_	·		<u> </u>				
Effluent Effluent	4/21/05	10:00	CUMTON	Grah	3	<b></b>	3		<u> </u>	<u> </u>			
	<u> </u>	ļ		<b> </b>	<u> </u>	<b> </b>				ļ			
	,	ļ	<u> </u>						ļ	ļ <u> </u>	ļ <u>.</u>	ļ	
	<u> </u>	<del> </del>		<del> </del>			ļ		ļ	ļ		<b> </b>	
				<del> </del>		<u> </u>			<del> </del>	<del> </del>		·	
	-	-			<u> </u>				<u> </u>	ļ <u>.</u>			
		-			<del> </del>	<b></b>			<del> </del>	ļ. <u></u>	ļ		
		<u> </u>	ļ			-			<del> </del>	<del> </del>	<del></del>	<b></b>	
	·}	<u> </u>			<del></del>					<u> </u>		<del>                                     </del>	<u> </u>
	<del>-   · · · · · -</del>		<del> </del>	· · · · · · · · · · · · · · · · · · ·				· ···-	<del>                                     </del>		<u> </u>		
Relinquished by: Who have the	Da	ate:4/24	los Time	11:20	Receive	d by:	<u> </u>		<u>.</u>		D:	ate:	Time:
Relinquished by:		ate:	Time		Receive	d by:		/ _			D:	ate:	Time:
Relinquished by:	Da	ate:	Time	::	Receive	d by La			<u> </u>	36	~ D	ate: 4	2/05Time: 11: 20
Shipment Method: //nwo					Airbill N	umber:					•		
Turnaround Time Required: /	Comments	<b>3</b> :					•						
Routine													i
Rush (Specify)	)						•					Ori	ginal - Laboratory
Cooler Temperature: 2°C / CRC	*												Copy - Client



Wednesday, May 04, 2005

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

TEL: 315-437-6100

RE: Analytical Results Order No.: 0504159

Dear Al Farrell:

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

Very truly yours,

O'BRIEN & GERE LABORATORIES, INC.

Monika Santucci

Project Supervisor



5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

**Analytical Results** 

StateCertNo: 10155

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

Project: Former Accurate DieCast

W Order: 0504159 Matrix: WATER Lab ID:

0504159-001A

Client Sample ID: Effluent

**Collection Date:** 

4/28/2005 10:30:00 AM

Date Received: 4/28/2005

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

Qualifiers:

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

E Value above quantitation range

Analyte detected below quantitation limits

Spike Recovery outside accepted recovery limits

Print Date: 5/5/2005 8:33:47 PM Project Supervisor: Monika Santucci Page 1 of 1

5000 Brittonfield Parkway
East Syracuse, New York 13057

**Chain of Custody** 

(315) 437-0200

Client: OG/NA									An	alysis	/Meth	od	
Project: Former ACCURATE D	ie Ca	s +					7	$\neg$		7			
Sampled by: Richard MeL	aush	(in)				/	5/			/_		/	159
Client Contact: A   Fannel   F	hone #	231	6			/.	(2)			1			<b>Y</b> .
Sample Des						1/ 15							·
Sample Location		Time Collected	Sample Matrix		No. of Containers	/ N'					<u> </u>		Comments
Effluent	4/28/05	10,30	WATO	Comp		)							
				-				ļ. ————					
	<del>                                     </del>												,
	<u> </u>												,
								-					
						··							
<u> </u>	<u> </u>										<u> </u>		
	<u> </u>												
						i			<del></del> _				
Relinquished by: 7/w/w//////////	Da	te: 4/28/	Time: کره/	11:40	Receive	d by:					Da	ite:	Time:
Relinquished by:	Da	te:	Time:		Receive	d by:	$\wedge$		,		Da	ite:	Time:
Relinquished by:	Da	te:	Time:		Receive	d by Lat	)// <i>)</i>	DY	DLC	K	Da	ite: 4//2	18/05 Time: 114/
Shipment Method: //pwo					Airbill Nu	ımber:	<del>/                                    </del>				ine .	7'	

lurnaround	Time	Required;
------------	------	-----------

Comments:

Routine___

Rush (Specify)

Cooler Temperature:

Original - Laboratory Copy - Client



Monday, May 16, 2005

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

TEL: 315-437-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results Order No.: 0505027

Dear Al Farrell:

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

Very truly yours,

O'BRIEN & GERE LABORATORIES, INC.

Tonka Santuca

Monika Santucci Project Supervisor



Revision:

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

**Analytical Results** 

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

StateCertNo: 10155

CLIENT: O'Brien & Gere Engineers, Inc. Former Accurate Die Cast

Project: W Order: 0505027

Matrix: WATER

Inst. ID: MS01 11

ColumnID: Rtx-VMS

Sample Size: 10 mL

%Moisture:

5/16/2005 2:01:51 PM TestCode: 8260W Lab ID:

0505027-002A Client Sample ID: WTP Effluent Collection Date: 5/5/2005

Date Received:

5/5/2005 10:40:00 AM

PrepDate:

BatchNo: R1068 FileID:

T8392.D

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

Qualifiers:

Analyte detected in the associated Method Blank

Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

Value above quantitation range

Analyte detected below quantitation limits

Spike Recovery outside accepted recovery limits

Print Date: 5/17/2005 6:29:21 AM

Project Supervisor: Monika Santucci

Page 1 of 2



**Analytical Results** 

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

StateCertNo: 10155

CLIENT: O'Brien & Gere Engineers, Inc.

Project:

Former Accurate Die Cast

W Order:

0505027

Matrix:

WATER

Inst. ID:

Revision:

MS01_11

ColumnID: Rtx-VMS

Sample Size: 10 mL %Moisture:

5/16/2005 2:01:51 PM **TestCode**: 8260W Lab ID:

0505027-003A Client Sample ID: WTP In-Between

**Collection Date:** 

5/5/2005

Date Received:

5/5/2005 10:40:00 AM

PrepDate:

BatchNo:

R1068

T8393.D FileID:

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

Qualifiers:

Analyte detected in the associated Method Blank

Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

Value above quantitation range

Analyte detected below quantitation limits

Spike Recovery outside accepted recovery limits

Print Date: 5/17/2005 6:29:21 AM

Project Supervisor: Monika Santucci

Page 2 of 2



5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

**Analytical Results** 

StateCertNo: 10155

CLIENT: O'Brien & Gere Engineers, Inc.

Project: Former Accurate Die Cast

W Order: 0505027

Lab ID: 0505027-001A

Client Sample ID: WTP Effluent-COMP

Collection Date: 5/5/2005

·	Date Received:	3/3/20	005 10:40:00 AM
Result Qual	PQL Units	DF	Date Analyzed
	EPA 160.1		
580	10 mg/L	1	5/6/2005
	EPA 160.2		
ND	5.0 mg/L	1	5/5/2005
	580	Result Qual PQL Units  EPA 160.1  10 mg/L  EPA 160.2	Result Qual         PQL Units         DF           EPA 160.1         10 mg/L         1           EPA 160.2         1         1

Qualifiers:

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

E Value above quantitation range

Analyte detected below quantitation limits

Spike Recovery outside accepted recovery limits

Print Date: 5/20/2005 7:41:22 AM Project Supervisor: Monika Santucci Page I of I

5000 Brittonfield Parkway
East Syracuse, New York 13057

Chain of Custody

(315) 437-0200

Client: 06/NA									Ar	alysis	/Meth	od	
Project: Former Accurate !	Die (	ast				] 7	/	7		/	/	/	
Sampled by: Richard MS/A	ughli	<u>نہ</u>				] /	/6	0760	102/				
Client Contact: A   Ganc   Phone # 23/6					. ,	6/0/	$\frac{9}{4}$	13					
Sample Description					15/5/5/						<i> </i>   ;		
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers		7	13,			<u> </u>		Comments
WTP Efflyent	5/565	10:00	WHa	Cemp									
WIP Effhent	5/5/05	117:00	WATER	Gras	3_		3	,	·				
WIP In-Between	5/5/05	10:00	(Water	Garb	3		-	3					
	<u> </u>						-						
			·			-					:		
		<u> </u>											
		<b></b>											
Relinquished by: Hely /: Meuh	Da	te: <b>5</b> /5/	Of Time:	10:43	Receive	d by:					Da	ite:	Time:
Relinguished by:	Da	=	Time		Receive	d by:	$\alpha$	<u> </u>			Đa	ite:	Time:
Relinquished by:	Da	te:	Time:		Receive	d by Lab	://		lai		Da	16/6	105 Time: 1040
Shipment Method: //www	<del> </del>	<del></del>		<u></u>	Airbill Nu	umber:						<u> </u>	

Turnaround	Time	Requi	red;/
------------	------	-------	-------

Routine

Rush (Specify)

Cooler Temperature:

Comments:

Original - Laboratory Copy - Client



Thursday, May 26, 2005

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

TEL: 315-437-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results Order No.: 0505074

Dear Al Farrell:

O'Brien & Gere Laboratories, Inc. received 1 sample(s) on 5/13/2005 for the analyses presented in the following report.

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

Montha Landuce

Monika Santucci Project Supervisor



5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

**Analytical Results** 

StateCertNo: 10155

CLIENT: O'Brien & Gere Engineers, Inc. Project: Former Accurate Die Cast

W Order: 0505074

Matrix: WATER Lab ID: Client Sample ID: WTP Effluent

0505074-001A

**Collection Date:** 

5/13/2005

Date Received:

5/13/2005 11:57:00 AM

Analyte	Result Qual	PQL Units	DF	Date Analyzed
TOTAL DISSOLVED SOLIDS		EPA 160.1		
Total Dissolved Solids (Residue, Filterable)	540	10 mg/L	1	5/17/2005
RESIDUE, SUSPENDED (TSS)		EPA 160.2		
Residue, Suspended (TSS)	ND	5.0 mg/L	1	5/16/2005

Qualifiers:

Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

E Value above quantitation range

Analyte detected below quantitation limits

S Spike Recovery outside accepted recovery limits

Print Date: 5/26/2005 6:46:15 PM Page 1 of 1 Project Supervisor: Monika Santucci

5000 Brittonfield Parkway
East Syracuse, New York 13057

# **Chain of Custody**

(315) 437-0200

Client: OG IN A						Analysis/Method								
Project: Former Accurate C	)cCA	+						7		/	7		_	,
Sampled by: Richney MS	12001	hlin		- <del>-</del>			5/						5074	^t
Client Contact: A   Farrell F	hone #	231	6											
Sample Description										/ ;				
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers								Commen	ts
WTP Efflient	5/11/05	10:00	WATEN	Comp										
		·						,					<u> </u>	
	ļ <u>-</u>							i						
	-													
						·		,						
					<u> </u>									
	ļ	<u> </u>							· · · · ·				· <del></del> ·	$\dashv$
	<u> </u>							,	-					
		<u></u> ,												
Relinquished by Cincally Mangala	/, Da	te: 5//3/	6√Time:	11:55	Receive	d by://	1 =	Fre	~		Da	ite: _5/	/3/05 Time: /	1:576
Relinquished by:	Da	•	Time:		Receive		,	J				ate:	/ Time; ~	
Relinquished by:	Da	le:	Time:		Receive	d by Lab	):				Da	ite:	Time:	
Shipment Method:					Airbill Nu	ımber:								

Turnaround Time Req	Comments:	
Routine	· ·	_
Rush (Specify)		<u> </u>
Cooler Temperature:	8.2°C	well-cech



Thursday, June 02, 2005

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

TEL: 315-437-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results Order No.: 0505116

Dear Al Farrell:

O'Brien & Gere Laboratories, Inc. received 1 sample(s) on 5/19/2005 for the analyses presented in the following report.

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

Monko Sanlucci

Monika Santucci

**Project Supervisor** 



**Analytical Results** 

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

StateCertNo: 10155

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

Project:

Former Accurate Die Cast

W Order: Matrix:

0505116 WATER

Inst. ID:

Revision:

MS02 12

ColumnID: Rtx-502:2 6/2/05 1:20:00 PM Sample Size: 25 mL %Moisture:

TestCode: 8260W Lab ID:

0505116-001B

Client Sample ID: Effluent

**Collection Date:** 5/19/05 12:00:00 PM Date Received:

5/19/05 2:10:00 PM

PrepDate:

BatchNo:

R1298

M7479.D FileID:

Analyte	Result Qu	ıal PQL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS	BY GC/MS		SW8260B		
1,1,2,2-Tetrachloroethane	ND	0.50	μg/L	1	6/1/05 9:15:00 PM
cis-1,2-Dichloroethene	ND	0.50	μg/L	1	6/1/05 9:15:00 PM
Methylene chloride	ND	2.0	μg/L	1	6/1/05 9:15:00 PM
Tetrachloroethene	ND	0.50	μg/L	1	6/1/05 9:15:00 PM
Toluene	ND	0.50	μg/L	1	6/1/05 9:15:00 PM
trans-1,2-Dichloroethene	ND	0.50	μ <b>g/L</b>	1	6/1/05 9:15:00 PM
Trichloroethene	ND	0.50	μg/L	1	6/1/05 9:15:00 PM
Surr: 1,2-Dichloroethane-d4	120	75-134	%REC	1	6/1/05 9:15:00 PM
Surr: 4-Bromofluorobenzene	95.8	75-125	%REC	1	6/1/05 9:15:00 PM
Surr: Dibromofluoromethane	112	75-127	%REC	1	6/1/05 9:15:00 PM
Surr: Toluene-d8	97.3	75-125	%REC	1	6/1/05 9:15:00 PM

Qualifiers:

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

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

Project Supervisor: Monika Santucci Print Date: 6/2/05 1:24:59 PM

Page 1 of 1



5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

**Analytical Results** 

StateCertNo: 10155

CLIENT: O'Brien & Gere Engineers, Inc.

Project: Former Accurate Die Cast

W Order: 0505116 Matrix: WATER Lab ID: 056

0505116-001A

Client Sample ID: Effluent

Collection Date: 5/19
Date Received: 5/19

5/19/2005 12:00:00 PM 5/19/2005 2:10:00 PM

Analyte	Result Qual	PQL Units	DF	Date Analyzed
TOTAL DISSOLVED SOLIDS		EPA 160.1	<del>-</del>	
Total Dissolved Solids (Residue, Filterable)	560	10 mg/L	1	5/23/2005
RESIDUE, SUSPENDED (TSS)		EPA 160.2		
Residue, Suspended (TSS)	ND	5.0 mg/L	1	5/23/2005

Qualifiers:

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

S Spike Recovery outside accepted recovery limits

E Value above quantitation range

J Analyte detected below quantitation limits

P Prim./Conf. column %D or RPD exceeds limit

Print Date: 6/6/2005 9:46:03 AM Project Supervisor: Monika Santucci Page 1 of 2

5000 Brittonfield Parkway
East Syracuse, New York

Chain of Custody

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

Client: OGINA									An	alysis	/Meth	od	
Project: ACCURATE DIE CO	なナ					1	7	- /		$\overline{}$			
Sampled by: Richario McLia	ugh	٨.				] /	5/	8260)					
Project: ACCURATE DIE CAST  Sampled by: RICHARD McLaughia  Client Contact: A   Fanne   Phone # 2316				] /	(2)	8	- /	1		_ /			
Sample Description				15.5 100.5		2/			/ / ;				
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. of Grab	No. of Containers			/	/		<u> </u>		Comments
Effluent	5/19/09	12:00	WASON	Cum	1								
Effluenz	5/19/05	12:00	WATER	Gnab	3		3		ļ. <u></u>				 
									ļ				
<u></u>	,					<u> </u>		·			· · · · · · · · · · · · · · · · · · ·		
	<del> </del>		 						<u> </u>				
	<del>                                     </del>			<u> </u>	<u> </u>	ļ			 		ļ		
	ļ				ļ		ļ		ļ'				
			<u> </u>		<u> </u>				ļ. <u>.</u>				
	<u> </u>		ļ	<del> </del>					<u> </u>				
	<u> </u>		<u> </u>	<u> </u>					ļ				
Relinquished by: Relinquished by:	Da	ite:5//5/	Time -رزه	14.10	Receive	d by:					Da	ite:	Time:
Relinquished by:	Da	ite:	Time	:	Receive	d by:					Da	ite:	Time:
Relinquished by:	Da	ite:	Time		Receive	d by Lal	b: 4		`b.		Da	ite: 5/	Time: 14:10
Shipment Method: Hamo.					Airbill N	umber:							

Turnaround Time Required:	Comment		
Routine			
Rush (Specify)			
Cooler Temperature: 6°C Circic Icco	)		



Thursday, June 09, 2005

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

TEL: 315-437-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results Order No.: 0505163

Dear Al Farrell:

O'Brien & Gere Laboratories, Inc. received 1 sample(s) on 5/25/2005 for the analyses presented in the following report.

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

Montes Sontucci

Monika Santucci Project Supervisor



5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

**Analytical Results** 

StateCertNo: 10155

CLIENT: O'Brien & Gere Engineers, Inc.

Project: Former Accurate Die Cast W Order: 0505163

Matrix: WATER

0505163-001A Lab ID: Client Sample ID: WTP Effluent

**Collection Date:** 5/25/2005 Date Received:

5/25/2005 1:40:00 PM

THE THE PERSON OF THE PERSON O		Dute Recent	#/##/#################################		
Analyte	Result Qual	PQL Units	DF	Date Analyzed	
TOTAL DISSOLVED SOLIDS Total Dissolved Solids (Residue, Filterable)	590	EPA 160.1 10 mg/L	1	5/31/2005	
RESIDUE, SUSPENDED (TSS) Residue, Suspended (TSS)	ND	<b>EPA 160.2</b> 5.0 mg/L	1	5/27/2005	

Qualifiers:

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- Analyte detected below quantitation limits
- Prim./Conf. column %D or RPD exceeds limit

Print Date: 6/9/2005 2:17:02 PM Project Supervisor: Monika Santucci Page 1 of 1

5000 Brittonfield Parkway

Chain of Custody .

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

Client: OGINA									Ar	nalysis	/Meth	od	
Project: FORMER ACCURATE D	ie Cu	ast				/	/	7			7		
Sampled by: Richard McLaug.	Lhw		· •			/	5/					- /	163
Project: FORMER ACCURATE D Sampled by: Richard MELAUG Client Contact: A 1 Farnell	hone #	2316				] /	305						140
Sample Des						]/ /							
Sample Location		Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	(1)	/				<u> </u>		Comments
WIPESHVENT	5/25/05	12:00	WATA	Corp	1	l							
			• .							ļ			
·						<u> </u>							
	<u> </u>					<u> </u>				<u> </u>			
						<del>                                     </del>	<del> </del>						
						<u> </u>							
		·····								ļ <u>-</u>			
	ļ		}										
						ļ				<u> </u>			
Relinquished by: 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Da	le: 5/2)/	ا ای Time	13:45	Receive	d by:			L	I	Da	ite:	Time:
Relinquished by:	Da	le:	Time		Receive	d by:	12	~			Da	ite:	Time:
Relinquished by:	Da	te:	Time		Receive	d by Lal	6:	))(	201		Da	1e5/	15/05 Time: 24/0
Shipment Method: Amo					Airbill N	umber							

Turnaround	Time	Require	<b>d</b> :_
------------	------	---------	-------------

Comments:

Routine____ Rush (Specify)

Cooler Temperature:

or reed

Original - Laboratory Copy - Client



Monday, June 20, 2005

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

TEL: 315-437-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results Order No.: 0506011

Dear Al Farrell:

O'Brien & Gere Laboratories, Inc. received 3 sample(s) on 6/2/2005 for the analyses presented in the following report.

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

Monika Landuce

Monika Santucci Project Supervisor



**Analytical Results** 

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

8260W

StateCertNo: 10155

O'Brien & Gere Engineers, Inc. **CLIENT:** Former Accurate Die Cast

Project: W Order: 0506011

Matrix: WATER

Inst. ID: MS01 11

ColumnID: Rtx-VMS

Sample Size: 10 mL %Moisture:

Revision: 6/20/05 12:47:10 PM TestCode: Lab ID: 0506011-002A

Client Sample ID: EFFLUENT **Collection Date:** 6/2/05

Date Received:

6/2/05 1:15:00 PM

PrepDate:

BatchNo: R1521 FileID:

T8985.D

Analyte	Result Qı	ıal PQL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS	S BY GC/MS		SW8260B		
1,1,2,2-Tetrachloroethane	ND	0.50	μg/L	1	6/16/05 9:59:00 AM
cis-1,2-Dichloroethene	ND	0.50	μg/L	1	6/16/05 9:59:00 AM
Methylene chloride	ND	2.0	μg/L	1	6/16/05 9:59:00 AM
Tetrachloroethene	ND	0.50	μg/L	1	6/16/05 9:59:00 AM
Toluene	ND	0.50	μg/L	1	6/16/05 9:59:00 AM
trans-1,2-Dichloroethene	ND	0.50	μg/L	1	6/16/05 9:59:00 AM
Trichloroethene	ND	0.50	μg/L	1	6/16/05 9:59:00 AM
Surr: 1,2-Dichloroethane-d4	105	75-134	%REC	1	6/16/05 9:59:00 AM
Surr: 4-Bromofluorobenzene	90.7	75-125	%REC	1	6/16/05 9:59:00 AM
Surr: Dibromofluoromethane	105	75-127	%REC	1	6/16/05 9:59:00 AM
Surr: Toluene-d8	103	75-125	%REC	1	6/16/05 9:59:00 AM

Qualifiers:

- Analyte detected in the associated Method Blank
- Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Spike Recovery outside accepted recovery limits
- Value above quantitation range
- Analyte detected below quantitation limits
- Prim./Conf. column %D or RPD exceeds limit

Print Date: 6/20/05 12:47:55 PM

Project Supervisor: Monika Santucci

Page 1 of 2



**Analytical Results** 

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

StateCertNo: 10155

**CLIENT:** O'Brien & Gere Engineers, Inc. Former Accurate Die Cast

Project: W Order:

0506011

Matrix: WATER Inst. ID: MS01_11

ColumnID: Rtx-VMS

Revision: 6/17/05 9:48:30 AM Sample Size: 10 mL

%Moisture:

TestCode: 8260W Lab ID:

0506011-003A Client Sample ID: IN-BETWEEN

**Collection Date:** 6/2/05

Date Received:

6/2/05 1:15:00 PM

PrepDate:

BatchNo: R1502 FileID:

T8971.D

Analyte	Result Qı	ual PQL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS	BY GC/MS		SW8260B		
1,1,2,2-Tetrachloroethane	ND	0.50	μg/L	1	6/15/05 4:51:00 PM
cis-1,2-Dichloroethene	ND	0.50	μg/L	1	6/15/05 4:51:00 PM
Methylene chloride	ND	2.0	μg/L	1	6/15/05 4:51:00 PM
Tetrachloroethene	ND	0.50	μg/L	1	6/15/05 4:51:00 PM
Toluene	ND	0.50	μg/L	1	6/15/05 4:51:00 PM
trans-1,2-Dichloroethene	ND	0.50	μg/L	1	6/15/05 4:51:00 PM
Trichloroethene	ND	0.50	μg/L	1	6/15/05 4:51:00 PM
Surr: 1,2-Dichloroethane-d4	109	75-134	%REC	1	6/15/05 4:51:00 PM
Surr: 4-Bromofluorobenzene	86.8	75-125	%REC	1	6/15/05 4:51:00 PM
Surr: Dibromofluoromethane	106	75-127	%REC	1 .	6/15/05 4:51:00 PM
Surr: Toluene-d8	103	75-125	%REC	1	6/15/05 4:51:00 PM

Qualifiers:

- Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Spike Recovery outside accepted recovery limits
- Value above quantitation range
- Analyte detected below quantitation limits
- Prim./Conf. column %D or RPD exceeds limit



5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

### **Analytical Results**

StateCertNo: 10155

CLIENT: O'Brien & Gere Engineers, Inc.

**Project:** Former Accurate Die Cast **W Order:** 0506011

Matrix: WATER

Lab ID: 0506011-001A Client Sample ID: EFFLUENT

Collection Date: 6/2/2005

**Date Received:** 6/2/2005 1:15:00 PM

Analyte	Result Qual	PQL Units	DF	Date Analyzed
TOTAL DISSOLVED SOLIDS		EPA 160.1	•	
Total Dissolved Solids (Residue, Filterable)	660	10 mg/L	1	6/3/2005
RESIDUE, SUSPENDED (TSS)		EPA 160.2		
Residue, Suspended (TSS)	ND	5.0 mg/L	1	6/7/2005

Qualifiers:

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

S Spike Recovery outside accepted recovery limits

E Value above quantitation range

J Analyte detected below quantitation limits

P Prim./Conf. column %D or RPD exceeds limit

Print Date: 6/16/2005 3:56:42 PM Project Supervisor: Monika Santucci Page 1 of 1

5000 Brittonfield Parkway

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

			_		• '
Ch	2 in		Cus	+~	М\/
	ann.	Ul"	U U 3	lUl	u v
		7.			,

Client: 26/IVA Analysis/Method Project: Accupate Former 2 Sampled by: 0 **Client Contact:** Phone # **Sample Description** Date Time Sample Comp. No. of Comments Sample Location Collected Collected Matrix or Grab Containers 6/2/05 Como 12 0 WASON 3 6/2/05 12:00 GnAS WATO 12:00 (d2/05 WATER GARB ン TN-Between 2 Date: 6 رنر (Time: /3, الم Received by: Relinquished by: Date: Time: Relinguished by: Date: Time: Received by: Date: Time: Received by Lab: Relinguished by: Date: Time: Time: Shipment Method: Airbill Number:

Turnaround	Time	Requi	ired: ˌ
------------	------	-------	---------

Comments:

Routine

Rush (Specify)

Cooler Temperature:

Original - Laboratory Copy - Client



Monday, June 27, 2005

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

TEL: 315-437-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results Order No.: 0506065

Dear Al Farrell:

O'Brien & Gere Laboratories, Inc. received 1 sample(s) on 6/10/2005 for the analyses presented in the following report.

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

Monks Lantucci

Monika Santucci Project Supervisor



5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

**Analytical Results** 

StateCertNo: 10155

CLIENT: O'Brien & Gere Engineers, Inc.

Project: Former Accurate Die Cast

W Order: 0506065 Matrix: WATER Lab ID:

0506065-001A

Client Sample ID: Effluent Collection Date: 6/10/2005

Soliection Date.

10/2003

Date Received: 6/10/2005 1:55:00 PM

Analyte	Result	Qual	PQL Units	DF	Date Analyzed
TOTAL DISSOLVED SOLIDS		-	EPA 160.1		
Total Dissolved Solids (Residue, Filterable)	730		10 mg/L	1	6/15/2005
RESIDUE, SUSPENDED (TSS)			EPA 160.2		
Residue, Suspended (TSS)	· ND		5.0 mg/L	1	6/13/2005

Qualifiers:

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Prim./Conf. column %D or RPD exceeds limit

Print Date: 6/27/2005 4:50:46 PM Project Supervisor: Monika Santucci Page 1 of 1

5000 Brittonfield Parkway

Chain of Custody

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

Project: Former Accusate Die Sampled by: MARTIN Koennecke Client Contact: AL FARRILL Phone # 2316  Sample Description  Sample Location  Collected	Analysis/Method 05							Client: OGINA
Client Contact: AL FARKLL Phone # 2316  Sample Description  Sample Location  Date Collected Collected Collected Matrix or Grab Containers  EXLUNE 1  G-10-05 10:30 WATE COMP 1  Comments							Die	Project: Former Accurate
Client Contact: AL FARKLL Phone # 2316  Sample Description  Sample Location  Date Collected Collected Collected Matrix or Grab Containers  EXLUNE 1  G-10-05 10:30 WATE COMP 1  Comments		1/4//					ecke	Sampled by: MARTIN KOENNY
Sample Description  Sample Location  Collected Collected Matrix or Grab Containers  Comp. No. of Containers				,	1316	2		Client Contact: AL FARRELL F
Sample Location  Date Collected Collected Matrix or Grab Containers  CALUNEVI 6-10-05 10:30 WAFR COMP								
	Comments	/		Comp. or Grab	Sample Matrix	Time Collected		Sample Location
		]	1	Comp	WATER	10:30	6-10-05	EftenerT
				 	-		_	
							<del>-</del>	
							<u> </u>	
				<u> </u>				
					·			
	*	\(\frac{7\pi}{2\pi}\)		<u> </u>	\ .			
Relinquished by: Mark 3 Kernel Date: 6-10-6 Time: /3:55. Received by: Date: Time:	Date: Time:	d by:	Received	:/3:55	1-di Time	le: 6-/C	Da	Relinquished by: Mark 3 Kounly
Relinquished by: Date: Time: Received by:	Date: Time:	d by:	Received	:	Time	te:	Da	Relinquished by:
Relinquished by:  Date: Time: Received by Lab.  Date: Date: Time: Received by Lab.	Date (0) (1) (55)	d by Lab	Received	: .	Time	te:	Da	Relinquished by:
Shipment Method: HAND Airbill Number:		umber:	Airbill Nu					Shipment Method: HAND

Turnaround Time Requir	ed:
------------------------	-----

Comments:

Routine______Rush (Specify)_

Cooler Temperature:_

790 iced

Original - Laboratory Copy - Client



Tuesday, July 05, 2005

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

TEL: 315-437-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results Order No.: 0506090

Dear Al Farrell:

O'Brien & Gere Laboratories, Inc. received 2 sample(s) on 6/16/2005 for the analyses presented in the following report.

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

Monks Son Jucas

Monika Santucci Project Supervisor



### **Analytical Results**

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

StateCertNo: 10155

CLIENT: O'Brien & Gere Engineers, Inc.

Project: Former Accurate Die Cast W Order: 0506090

Matrix: WATER

Inst. ID: MS03 10

ColumnID: Rtx-VMS Revision: 6/21/05 1:30:50 PM Sample Size: NA %Moisture:

TestCode: 8260W Lab ID:

0506090-002A

Client Sample ID: Effluent **Collection Date:** 6/16/05

Date Received:

6/16/05 10:42:00 AM

PrepDate:

R1539

BatchNo: FileID:

M7716.D

Analyte	Result Qu	ial PQL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS	BY GC/MS		SW8260B		
1,1,2,2-Tetrachloroethane	ND	0.50	μ <b>g</b> /L	1	6/20/05 7:32:00 PM
cis-1,2-Dichloroethene	ND	0.50	μg/L	1	6/20/05 7:32:00 PM
Methylene chloride	ND	2.0	μg/L	1	6/20/05 7:32:00 PM
Tetrachloroethene	ND	0.50	μg/L	1	6/20/05 7:32:00 PM
Toluene	ND	0.50	μg/L	1	6/20/05 7:32:00 PM
trans-1,2-Dichloroethene	ND	0.50	μg/L	1	6/20/05 7:32:00 PM
Trichloroethene	ND	0.50	μg/L	1	6/20/05 7:32:00 PM
Surr: 1,2-Dichloroethane-d4	109	75-134	%REC	1	6/20/05 7:32:00 PM
Surr: 4-Bromofluorobenzene	84.1	75-125	%REC	1	6/20/05 7:32:00 PM
Surr: Dibromofluoromethane	103	75-127	%REC	1	6/20/05 7:32:00 PM
Surr: Toluene-d8	97.6	75-125	%REC	1	6/20/05 7:32:00 PM

Qualifiers:

Analyte detected in the associated Method Blank

Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit

Spike Recovery outside accepted recovery limits

Value above quantitation range

Analyte detected below quantitation limits

Prim./Conf. column %D or RPD exceeds limit



5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

## **Analytical Results**

StateCertNo: 10155

CLIENT: O'Brien & Gere Engineers, Inc.

Project: Former Accurate Die Cast W Order: 0506090

Matrix: WATER Lab ID:

0506090-001A

Client Sample ID: Effluent Collection Date:

6/16/2005

Date Received:

-6/16/2005 10:42:00 AM

Analyte	Result Qual	PQL Units	DF	Date Analyzed
TOTAL DISSOLVED SOLIDS		EPA 160.1		
Total Dissolved Solids (Residue, Filterable)	680	10 mg/L	1	6/21/2005
RESIDUE, SUSPENDED (TSS)		EPA 160.2		
Residue, Suspended (TSS)	ND	5.0 mg/L	1	6/16/2005

Qualifiers:

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

S Spike Recovery outside accepted recovery limits

E Value above quantitation range

J Analyte detected below quantitation limits

P Prim./Conf. column %D or RPD exceeds limit

Print Date: 7/6/2005 6:30:11 AM Project Supervisor: Monika Santucci Page 1 of 1

5000 Brittonfield Parkway

**Chain of Custody** 

Copy - Client

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

Analysis/Method Client: ORMEN ACCURATE DIE CAST Project: Sampled by: Phone # **Client Contact:** TARRELL Sample Description Date Time Sample Comp. No. of Comments Sample Location Collected Collected Matrix or Grab | Containers 16/05 10:00 WATER COMP 3 3 16/05/10:00 WATES GRAD 16/05 Time:/0142 Received by: Relinquished by: Date: Time: Date: Time: Received by: Relinquished by: Date: Time: Relinquished by: Date: Received by Lab: Date: 6/14/05 Time: 10:42 Time: **Shipment Method:** Airbill Number: Turnaround Time Required: Comments: Routine Rush (Specify) Original - Laboratory Cooler Temperature: 6°C iced



Wednesday, July 06, 2005

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

TEL: 315-437-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results Order No.: 0506128

Dear Al Farrell:

O'Brien & Gere Laboratories, Inc. received 1 sample(s) on 6/23/2005 for the analyses presented in the following report.

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

nomba Landuca.

Monika Santucci Project Supervisor



5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

## **Analytical Results**

StateCertNo: 10155

CLIENT: O'Brien & Gere Engineers, Inc.

Project: Former Accurate Die Cast

W Order: 0506128 Matrix: WATER

Lab ID:

0506128-001A

Client Sample ID: WTP Effluent-COMP **Collection Date:** Date Received:

6/23/2005 10:00:00 AM 6/23/2005 10:35:00 AM

Analyte	Result Qual	PQL Units	DF	Date Analyzed
TOTAL DISSOLVED SOLIDS		EPA 160.1		
Total Dissolved Solids (Residue, Filterable)	680	10 mg/L	1	6/23/2005
RESIDUE, SUSPENDED (TSS)		EPA 160.2		
Residue, Suspended (TSS)	ND	5.0 mg/L	1	6/23/2005

Qualifiers:

Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

S Spike Recovery outside accepted recovery limits

E Value above quantitation range

Analyte detected below quantitation limits

P Prim./Conf. column %D or RPD exceeds limit

Print Date: 7/6/2005 6:32:53 AM Project Supervisor: Monika Santucci Page 1 of 1

5000 Brittonfield Parkway

Chain of Custody

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

Client: OGIN A									Ar	nalysis	/Meth	od	128
Project: Former Accurate	DIE	Cass of	_				1.1	$\Box$					
Sampled by: Richary MCLA	ushlis	<u>,,</u>				1 /	3			/			
Client Contact: Al Fanne //	Phone #	231	6			1 /	W						
Sample De	- <del></del>				· · · · ·	]/	\ \S\						
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	J l	$\forall$	/	/	/	<u> </u>	/	Comments
WTC EtHvent	<del></del>	10:00	<del></del>			1							
			`.'	/									
			<del> </del>				<del>                                     </del>	ļ	<u> </u>	<del> </del>		<u> </u>	<u> </u>
	<u> </u>		_			├	<u> </u>				<u> </u>	ļ	
				<u> </u>		<del> </del>	-			<del>                                     </del>			
	-					†	1	<del> </del>	<del> </del>	<del> </del> -			
							ļ						
	_		ļ			ļ		ļ		ļ			
,		· · · · ·				╂			ļ	<del> </del>			
Relinquished by: AMM Loula	lDa	ate: 6/25	I I/os Time	10735	Receive	d by:	<u> </u>	<u> </u>		<u>.i</u>	D	ate:	Time:
Relinquished by:	Da	ale:	Time	:	Receive	ed by:					D	ate:	Time:
Relinquished by:	Da	ate:	Time	:	Receive	ed by La	ab: 🌾	Kac	y S	tors	o D	ate: 4/	73/05 Time: 10:35
Shipment Method: Aband					Airbill N	umber:							
Turnaround Time Required: Routine	Comments	<b>3</b> :											;
Rush (Specify)							•					Orig	ginal - Laboratory Copy - Client



Wednesday, July 13, 2005

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

TEL: 315-437-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results Order No.: 0506162

Dear Al Farrell:

O'Brien & Gere Laboratories, Inc. received 1 sample(s) on 6/30/2005 for the analyses presented in the following report.

Very truly yours,

O'BRIEN & GERE LABORATORIES, INC.

Monika Santucci Project Supervisor



**Analytical Results** 

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

StateCertNo: 10155

CLIENT: O'Brien & Gere Engineers, Inc.

Project: W Order:

Former Accurate Die Cast

Matrix:

Analyte

0506162 WATER

Inst. ID:

Mettler balance

ColumnID:

Sample Size: NA

%Moisture:

TestCode: TDS160.1

Result Qual PQL

Lab ID:

0506162-001A

Client Sample ID: WTP Effluent-COMP Collection Date:

6/30/2005 9:00:00 AM 6/30/2005 10:10:00 AM

Date Received: PrepDate:

BatchNo:

R1695

1

7/13/2005 6:56:06 AM FileID: Revision:

Units DF Date Analyzed

**TOTAL DISSOLVED SOLIDS** 

Total Dissolved Solids (Residue, Filterable)

580

10

**EPA 160.1** 

mg/L

7/1/2005

Qualifiers:

- Analyte detected in the associated Method Blank
- Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits
- Value above quantitation range
- Analyte detected below quantitation limits
- Prim./Conf. column %D or RPD exceeds limit

Print Date: 7/13/2005 1:42:40 PM

Project Supervisor: Monika Santucci

Page 1 of 2



**Analytical Results** 

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

StateCertNo: 10155

6/30/2005 9:00:00 AM 6/30/2005 10:10:00 AM

0506162-001A

O'Brien & Gere Engineers, Inc. CLIENT: Former Accurate Die Cast Project:

W Order: 0506162

Matrix: WATER

Mettler balance Inst. ID: ColumnID:

Sample Size: NA

%Moisture:

PrepDate:

**Collection Date:** 

Date Received:

Lab ID:

BatchNo:

R1679

Client Sample ID: WTP Effluent-COMP

Revision. 7/13/2005 6:51:27 AM TestCode: FileID:

Kevision.	7/13/2003 0.31.27 ANI	restCouc.	133100.2	incib.				
Analyte		Result	Qual PQL		Units	DF	Date Analyzed	
RESIDUE,	SUSPENDED (TSS)			EPA 160.	2			
Residue, S	uspended (TSS)	ND	5.0		mg/L	1	6/30/2005	

Qualifiers:

Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

S Spike Recovery outside accepted recovery limits

Value above quantitation range

Analyte detected below quantitation limits

Prim./Conf. column %D or RPD exceeds limit

Print Date: 7/13/2005 1:42:40 PM

Project Supervisor: Monika Santucci

Page 2 of 2

Cooler Temperature:

5000 Brittonfield Parkway

## Chain of Custody

Copy - Client

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

142

Client: OBINA									Ar	alysis	/Meth	od	
Project: Carman Accusate	ie C	AST				] 7	7	7			7		
Sampled by: Richard MY	ruah 1	ندر				] /	5/				- /		
Client Contact: A   Famel   P	hone #	231	6			] /、	$\lambda$						
Sample Des			•										
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	I/ (\	/		/	/	<i>[</i> -	/	Comments
WIP Effluent	<del></del>	8:00	<del></del>										·
		····		<u>'</u>				<u>.                                    </u>			<u> </u>		
			<u> </u>					· · · · · · · · · · · · · · · · · · ·			ļ	·	
	, ,												
		<u> </u>							<u> </u>				
	<u> </u>	<u> </u>	ļ		 			- <del></del>	<u> </u>	<u> </u>			
					 				<u> </u>	<u> </u>	 		
	<u> </u>	<u> </u>	ļ—										
Relinquished by: Ruhul a Miteurh	Da	11e//34	Time	10:10	Receive	d by:			<u> </u>	<u> </u>	Da	ate:	Time:
Relinquished by:	Da	ite:	Time	: 	Receive	d by:		_مظ			Da	ate:	Time:
Relinquished by:	Da	ite:	Time	:	Receive	d by Lat	a: ///	/Λ	U/N		Da	ate UZ	50/05 Time: (010
Shipment Method: HANP				·	Airbill N	umber:	( '						
Turnaround Time Required: C Routine Rush (Specify)	omments	::										Orio	; ginal - Laboratory

#### **ATTACHMENT B**

## SEMI-ANNUAL GROUNDWATER MONITORING LABORATORY ANALYTICAL DATA REPORT



Thursday, April 21, 2005

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

TEL: 315-437-6100

RE: Analytical Results

Order No.: 0504049

Dear Al Farrell:

O'Brien & Gere Laboratories, Inc. received 6 sample(s) on 4/8/2005 for the analyses presented in the following report.

Very truly yours,

O'BRIEN & GERE LABORATORIES, INC.

Morika Landuce:

Monika Santucci

Project Supervisor



**Analytical Results** 

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

StateCertNo: 10155

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

Project: F

Former Accurate Die Cast

W Order:

0504049

Matrix:

WATER

Inst. ID:

Revision:

MS02 12

ColumnID: Rtx-502.2

4/15/05 3:04:30 PM

Sample Size: 25 mL

%Moisture:

TestCode: 8260W

Lab ID:

0504049-002A

Client Sample ID: MW-10B Collection Date: 4/8/05

Date Received:

4/8/05

PrepDate:

FileID:

BatchNo:

R668

M7210.D

Analyte	Result (	Qua	PQL		Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS	BY GC/MS			SW8260B			
1,1,2,2-Tetrachloroethane	ND		0.50		μg/L	1	4/14/05 6:00:00 PM
cis-1,2-Dichloroethene	ND		0.50		μg/L	1	4/14/05 6:00:00 PM
Methylene chloride	ND		2.0		μg/L	1	4/14/05 6:00:00 PM
Tetrachloroethene	ND		0.50		μg/L	1	4/14/05 6:00:00 PM
Toluene	ND		0.50		μg/L	1	4/14/05 6:00:00 PM
trans-1,2-Dichloroethene	ND		0.50		μg/L	1	4/14/05 6:00:00 PM
Trichloroethene	130	Ε	0.50		μg/L	1	4/14/05 6:00:00 PM
Surr: 1,2-Dichloroethane-d4	100		75-134		%REC	1	4/14/05 6:00:00 PM
Surr: 4-Bromofluorobenzene	85.2		75-125		%REC	1	4/14/05 6:00:00 PM
Surr: Dibromofluoromethane	102		75-127		%REC	1	4/14/05 6:00:00 PM
Surr: Toluene-d8	89.8		75-125		%REC	1	4/14/05 6:00:00 PM

Qualifiers:

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

E Value above quantitation range

J Analyte detected below quantitation limits



Revision:

## O'Brien & Gere Laboratories, Inc.

**Analytical Results** 

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

StateCertNo: 10155

0504049-002A

4/8/05

4/8/05

R741

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

Former Accurate Die Cast Project:

W Order: 0504049 Matrix: WATER

Inst. ID: MS02 12

ColumnID: Rtx-502.2

4/21/05 9:31:47 AM

Sample Size: 25 mL

%Moisture: TestCode: 8260W Date Received: PrepDate:

**Collection Date:** 

Lab ID:

BatchNo:

FileID: M7264.D

Client Sample ID: MW-10B

Analyte	Result Qı	ıal PQL		Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			SW8260B			
1,1,2,2-Tetrachloroethane	ND	10		μg/L	20	4/20/05 3:43:00 PM
cis-1,2-Dichloroethene	ND	10		μg/L	20	4/20/05 3:43:00 PM
Methylene chloride	ND	40		μg/L	20	4/20/05 3:43:00 PM
Tetrachloroethene	ND	10		μg/L	20	4/20/05 3:43:00 PM
Toluene	ND	10		μg/L	20	4/20/05 3:43:00 PM
trans-1,2-Dichloroethene	ND	10		μg/L	20	4/20/05 3:43:00 PM
Trichloroethene	450	10		μg/L	20	4/20/05 3:43:00 PM
Surr: 1,2-Dichloroethane-d4	100	75-134		%REC	20	4/20/05 3:43:00 PM
Surr: 4-Bromofluorobenzene	96.4	75-125		%REC	20	4/20/05 3:43:00 PM
Surr: Dibromofluoromethane	94.9	75-127		%REC	20	4/20/05 3:43:00 PM
Surr: Toluene-d8	92.5	75-125		%REC	20	4/20/05 3:43:00 PM

Qualifiers:

Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

E Value above quantitation range

Analyte detected below quantitation limits



**Analytical Results** 

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

StateCertNo: 10155

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

**Project:** Former Accurate Die Cast

W Order: 0504049 Matrix: WATER

Inst. ID: MS02 12

ColumnID: Rtx-502.2

Revision:

Lab ID:

0504049-003A Client Sample ID: MW-11B **Collection Date:** 4/8/05

Date Received:

4/8/05

PrepDate:

BatchNo:

R668

%Moisture: FileID: M7211.D 4/15/05 3:04:30 PM TestCode: 8260W

Sample Size: 25 mL

Analyte	Result (	Qua	PQL		Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS	SW8260B						
1,1,2,2-Tetrachloroethane	ND		0.50		µg/L	1	4/14/05 6:42:00 PM
cis-1,2-Dichloroethene	1.1		0.50		μg/L	1	4/14/05 6:42:00 PM
Methylene chloride	ND		2.0		μg/L	1	4/14/05 6:42:00 PM
Tetrachloroethene	ND		0.50		μg/L	1	4/14/05 6:42:00 PM
Toluene	NĎ		0.50		μg/L	1	4/14/05 6:42:00 PM
trans-1,2-Dichloroethene	ND		0.50		μg/L	1	4/14/05 6:42:00 PM
Trichloroethene	130	Ε	0.50		μg/L	1	4/14/05 6:42:00 PM
Surr: 1,2-Dichloroethane-d4	99.8		75-134		%REC	1	4/14/05 6:42:00 PM
Surr: 4-Bromofluorobenzene	100		75-125		%REC	1	4/14/05 6:42:00 PM
Surr: Dibromofluoromethane	103		75-127		%REC	1	4/14/05 6:42:00 PM
Surr: Toluene-d8	91.6		75-125		%REC	1	4/14/05 6:42:00 PM

Qualifiers:

Analyte detected in the associated Method Blank

Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

Value above quantitation range

Analyte detected below quantitation limits



Project:

## O'Brien & Gere Laboratories, Inc.

**Analytical Results** 

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

StateCertNo: 10155

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

Former Accurate Die Cast

W Order: 0504049 Matrix: WATER

Inst. ID: MS02 12

ColumnID: Rtx-502.2

Lab ID:

0504049-003A

Client Sample ID: MW-11B **Collection Date:** 4/8/05

Date Received:

4/8/05

PrepDate:

BatchNo:

R706

%Moisture: 4/20/05 9:21:20 AM TestCode: 8260W FileID: M7236.D Revision:

Sample Size: 25 mL

Analyte	Result Qı	ıal PQL		Units	DF	Date Analyzed	
VOLATILE ORGANIC COMPOUNDS BY GC/MS			SW8260B				
1,1,2,2-Tetrachloroethane	ND	5.0		μg/L	10	4/18/05 4:31:00 PM	
cis-1,2-Dichloroethene	ND	5.0		μg/L	10	4/18/05 4:31:00 PM	
Methylene chloride	ND	20		μg/L	10	4/18/05 4:31:00 PM	
Tetrachloroethene	ND	5.0		μg/L	10	4/18/05 4:31:00 PM	
Toluene	ND	5.0		μg/L	10	4/18/05 4:31:00 PM	
trans-1,2-Dichloroethene	ND	5.0		μg/L	10	4/18/05 4:31:00 PM	
Trichloroethene	390	5.0		μg/L	10	4/18/05 4:31:00 PM	
Surr: 1,2-Dichloroethane-d4	100	75-134		%REC	10	4/18/05 4:31:00 PM	
Surr: 4-Bromofluorobenzene	95.4	75-125		%REC	10	4/18/05 4:31:00 PM	
Surr: Dibromofluoromethane	101	75-127		%REC	10	4/18/05 4:31:00 PM	
Surr: Toluene-d8	92.6	75-125		%REC	10	4/18/05 4:31:00 PM	

Qualifiers:

Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

Value above quantitation range

Analyte detected below quantitation limits



**Analytical Results** 

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

Sample Size: 25 mL

%Moisture:

TestCode:

StateCertNo: 10155

0504049-001A

4/8/05 4/8/05

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

Project: Former Accurate Die Cast

W Order: 0504049 Matrix: WATER

Inst. ID: MS02 12

ColumnID: Rtx-502.2

4/15/05 3:04:30 PM Revision:

8260W

**Collection Date:** Date Received:

PrepDate:

BatchNo:

Lab ID:

R668 FileID: M7209.D

Client Sample ID: MW-13

Analyte	Result (	Qua	l PQL		Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS	SW8260B						
1,1,2,2-Tetrachioroethane	ND		0.50		μg/L	1	4/14/05 5:17:00 PM
cis-1,2-Dichloroethene	ND		0.50		μg/L	1	4/14/05 5:17:00 PM
Methylene chloride	ND		2.0		μg/L	1	4/14/05 5:17:00 PM
Tetrachloroethene	ΝĎ		0.50		μ <b>g/</b> L	1	4/14/05 5:17:00 PM
Toluene	ND		0.50		μg/L	1	4/14/05 5:17:00 PM
trans-1,2-Dichloroethene	ND		0.50		μg/L	1	4/14/05 5:17:00 PM
Trichloroethene	110	Ε	0.50		μg/L	1	4/14/05 5:17:00 PM
Surr: 1,2-Dichloroethane-d4	100		75-134		%REC	1	4/14/05 5:17:00 PM
Surr: 4-Bromofluorobenzene	94.0		75-125		%REC	1	4/14/05 5:17:00 PM
Surr: Dibromofluoromethane	109		75-127		%REC	1	4/14/05 5:17:00 PM
Surr: Toluene-d8	92.8		75-125		%REC	1	4/14/05 5:17:00 PM

Qualifiers:

Analyte detected in the associated Method Blank

Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

Value above quantitation range

Analyte detected below quantitation limits

Spike Recovery outside accepted recovery limits

Print Date: 4/21/05 9:33:37 AM Project Supervisor: Monika Santucci Page 1 of 10



**Analytical Results** 

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

StateCertNo: 10155

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

**Project:** Former Accurate Die Cast

W Order: 0504049 Matrix: WATER

Inst. ID: MS02 12

ColumnID: Rtx-502.2

**Revision:** 4/20/05 9:21:20 AM

Sample Size: 25 mL

%Moisture:

Lab ID:

0504049-001A

Client Sample ID: MW-13 Collection Date: 4/8/05

Date Received:

4/8/05

PrepDate:

BatchNo:

R706

21:20 AM **TestCode**: 8260W **FileID**: M7234.D

Analyte	Result Qı	Result Qual PQL				Date Analyzed	
VOLATILE ORGANIC COMPOUNDS	BY GC/MS		SW8260B				
1,1,2,2-Tetrachloroethane	ND	2.5		μg/L	5	4/18/05 3:05:00 PM	
cis-1,2-Dichloroethene	ND	2.5		μg/L	5	4/18/05 3:05:00 PM	
Methylene chloride	ND	10		μg/L	5	4/18/05 3:05:00 PM	
Tetrachloroethene	ND	2.5		μg/L	5	4/18/05 3:05:00 PM	
Toluene	ND	2.5		μg/L	5	4/18/05 3:05:00 PM	
trans-1,2-Dichloroethene	ND	2.5		μg/L	5	4/18/05 3:05:00 PM	
Trichloroethene	200	2.5		µg/L	5	4/18/05 3:05:00 PM	
Surr: 1,2-Dichloroethane-d4	99.3	75-134		%REC	5	4/18/05 3:05:00 PM	
Surr: 4-Bromofluorobenzene	94.1	75-125		%REC	5	4/18/05 3:05:00 PM	
Surr: Dibromofluoromethane	102	75-127		%REC	5	4/18/05 3:05:00 PM	
Surr: Toluene-d8	86.1	75-125		%REC	5	4/18/05 3:05:00 PM	

Qualifiers:

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

E Value above quantitation range

J Analyte detected below quantitation limits

S Spike Recovery outside accepted recovery limits

Print Date: 4/21/05 9:33:37 AM

Project Supervisor: Monika Santucci

Page 2 of 10



Project:

Revision:

## O'Brien & Gere Laboratories, Inc.

**Analytical Results** 

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

StateCertNo: 10155

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

Former Accurate Die Cast

4/15/05 3:04:30 PM

W Order: 0504049

Matrix: WATER

Inst. ID: MS02 12 ColumnID: Rtx-502.2

Sample Size: 25 mL %Moisture:

TestCode: 8260W

Lab ID: 0504049-004A

Client Sample ID: MW-18 **Collection Date:** 4/8/05

Date Received: PrepDate:

4/8/05

R668 BatchNo:

FileID: M7212.D

Analyte	Result	Qua	l PQL		Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS	S BY GC/MS			SW8260B			
1,1,2,2-Tetrachloroethane	ND		0.50		μg/L	1	4/14/05 7:25:00 PM
cis-1,2-Dichloroethene	98	Ε	0.50		μg/L	1	4/14/05 7:25:00 PM
Methylene chloride	ND		2.0		μg/L	1	4/14/05 7:25:00 PM
Tetrachloroethene	0.51		0.50		µg/L	1	4/14/05 7:25:00 PM
Toluene	ND		0.50		µg/L	1	4/14/05 7:25:00 PM
trans-1,2-Dichloroethene	0.86		0.50		μg/L	1	4/14/05 7:25:00 PM
Trichloroethene	140	Ε	0.50		μg/L	1	4/14/05 7:25:00 PM
Surr: 1,2-Dichloroethane-d4	99.9		75-134		%REC	1	4/14/05 7:25:00 PM
Surr: 4-Bromofluorobenzene	94.8		75-125		%REC	1	4/14/05 7:25:00 PM
Surr: Dibromofluoromethane	99.2		75-127		%REC	1	4/14/05 7:25:00 PM
Surr: Toluene-d8	101		75-125		%REC	1	4/14/05 7:25:00 PM

Qualifiers:

Analyte detected in the associated Method Blank

Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

Value above quantitation range

Analyte detected below quantitation limits

Spike Recovery outside accepted recovery limits

Print Date: 4/21/05 9:33:39 AM

Project Supervisor: Monika Santucci

Page 7 of 10



Project:

## O'Brien & Gere Laboratories, Inc.

**Analytical Results** 

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

8260W

Sample Size: 25 mL

%Moisture:

TestCode:

StateCertNo: 10155

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

Former Accurate Die Cast

W Order: 0504049 Matrix: WATER

Inst. ID: MS02 12

ColumnID: Rtx-502.2 Revision:

4/21/05 9:31:47 AM

Lab ID:

0504049-004A

Client Sample ID: MW-18 4/8/05 **Collection Date:** 

Date Received:

4/8/05

PrepDate:

BatchNo: FileID:

R741 M7265.D

Analyte	Result Qu	ıal PQL		Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS	BY GC/MS		SW8260B			
1,1,2,2-Tetrachloroethane	ND	25		μg/L	50	4/20/05 4:25:00 PM
cis-1,2-Dichloroethene	120	25		μg/L	50	4/20/05 4:25:00 PM
Methylene chloride	ND	100		μg/L	50	4/20/05 4:25:00 PM
Tetrachloroethene	ND	25		μg/L	50	4/20/05 4:25:00 PM
Toluene	ND	25		μg/L	50	4/20/05 4:25:00 PM
trans-1,2-Dichloroethene	ND	25		μg/L	50	4/20/05 4:25:00 PM
Trichloroethene	1300	25		μg/L	50	4/20/05 4:25:00 PM
Surr: 1,2-Dichloroethane-d4	96.4	75-134		%REC	50	4/20/05 4:25:00 PM
Surr: 4-Bromofluorobenzene	101	75-125		%REC	50	4/20/05 4:25:00 PM
Surr: Dibromofluoromethane	95.3	75-127		%REC	50	4/20/05 4:25:00 PM
Surr: Toluene-d8	90.3	75-125		%REC	50	4/20/05 4:25:00 PM

Qualifiers:

B Analyte detected in the associated Method Blank

Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

E Value above quantitation range

Analyte detected below quantitation limits

Spike Recovery outside accepted recovery limits



## **Analytical Results**

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

Sample Size: 25 mL %Moisture:

TestCode:

StateCertNo: 10155

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

**Project:** Former Accurate Die Cast

W Order: 0504049 Matrix: WATER

Inst. ID: MS02 12

**ColumnID:** Rtx-502.2 **Revision:** 4/15/05 3:04:30 PM

8260W

**Lab ID:** 0504049-005A

Client Sample ID: MW-24 Collection Date: 4/8/05

Date Received:

4/8/05

PrepDate:

BatchNo:

hNo: R668

FileID: M7213.D

Analyte	Result Q	ual PQL		Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS	BY GC/MS		SW8260B			
1,1,2,2-Tetrachloroethane	ND	2.0		μg/L	4	4/14/05 8:08:00 PM
cis-1,2-Dichloroethene	. 44	2.0		μg/L	4	4/14/05 8:08:00 PM
Methylene chloride	ND	8.0		μg/L	4	4/14/05 8:08:00 PM
Tetrachioroethene	ND	2.0		μg/L	4	4/14/05 8:08:00 PM
Toluene	ND	2.0		µg/L	4	4/14/05 8:08:00 PM
trans-1,2-Dichloroethene	ND	2.0		μg/L	4	4/14/05 8:08:00 PM
Trichloroethene	64	2.0		μg/L	4	4/14/05 8:08:00 PM
Surr: 1,2-Dichloroethane-d4	102	75-134		%REC	4	4/14/05 8:08:00 PM
Surr: 4-Bromofluorobenzene	94.8	7 <b>5-12</b> 5		%REC	4	4/14/05 8:08:00 PM
Surr: Dibromofluoromethane	112	75-127		%REC	4	4/14/05 8:08:00 PM
Surr: Toluene-d8	93.0	75-125		%REC	4	4/14/05 8:08:00 PM

Qualifiers:

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

E Value above quantitation range

J Analyte detected below quantitation limits

S Spike Recovery outside accepted recovery limits



**Analytical Results** 

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

StateCertNo: 10155

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

Project: Former Accurate Die Cast

W Order: 0504049 Matrix: WATER

Inst. ID: MS02 12

ColumnID: Rtx-502.2

Sample Size: 25 mL

%Moisture:

Lab ID:

0504049-006A

Client Sample ID: TB-4/8 **Collection Date:** 4/8/05 4/8/05 Date Received:

PrepDate:

BatchNo:

R706

FileID: M7229.D 4/20/05 9:21:20 AM TestCode: 8260W Revision:

Analyte	Result Qu	Result Qual PQL			DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS	BY GC/MS		SW8260B			
1,1,2,2-Tetrachloroethane	ND	0.50		μg/L	1	4/18/05 11:31:00 AM
cis-1,2-Dichloroethene	ND	0.50		μg/L	1	4/18/05 11:31:00 AM
Methylene chloride	ND	2.0		μg/L	1	4/18/05 11:31:00 AM
Tetrachloroethene	ND	0.50		μg/L	1	4/18/05 11:31:00 AM
Toluene	ND	0.50		μg/L	1	4/18/05 11:31:00 AM
trans-1,2-Dichloroethene	ND	0.50		μg/L	1	4/18/05 11:31:00 AM
Trichloroethene	ND	0.50		μg/L	1	4/18/05 11:31:00 AM
Surr: 1,2-Dichloroethane-d4	104	75-134		%REC	1	4/18/05 11:31:00 AM
Surr: 4-Bromofluorobenzene	95.3	75-125		%REC	1	4/18/05 11:31:00 AM
Surr: Dibromofluoromethane	102	75-127	•	%REC	1	4/18/05 11:31:00 AM
Surr: Toluene-d8	100	75-125		%REC	1	4/18/05 11:31:00 AM

Qualifiers:

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

Value above quantitation range

Analyte detected below quantitation limits

5000 Brittonfield Parkway

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

Client: O'BRIEN & GERE INC.									An	alysis	/Meth	od	
	aTO VI	11 EN	У				7		7		7		( =0
Project: A covrate Die, Fax Sampled by: Yuri Veriz / Ros	bert	Tren	7			/					/_	/	049
Client Contact: All Facell F	hone #	315-	437 - 6	100		] /	<b>ω</b> /		-/	/		_/	
Sample Des													· .
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp.	No. of Containers	I/				/	/	/	Comments
MW-13	4/8/05	0920	Wester	Grab	3	X							
MW-10B	<u> </u>	0953											·
MW- 11 13		1015								  i			
MW-18	<u>                                     </u>	1238											
MW- 24		1300		<b>V</b>	<u> </u>			·					
Trip blank					2	M							
Relinquished by: Yuri Veriz	Da	te: ² //8	/o ₅ -Time:	1415	Receive	d by:					Da	ite:	Time:
Relinquished by:	Da	le:	Time		Receive	d by:		, _			Da	ite:	. Time:
Relinquished by:	Da	te:	Time		Receive	d by Lat		$\sqrt{2}$		06	Da	te: 4/	5/85Time: 14:15
Shipment Method: Hand					Airbill Nu	ımber:		-					
_		•											

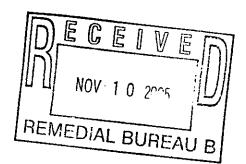
Turnaround Time Requ	irea:	Comments:
RoutineX_		
Rush (Specify)		
	1000	1)0 llical
Cooler Temperature:	$\omega \subset \iota$	VEHICOX

Original - Laboratory Copy - Client



November 4, 2005

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



Re: Former Accurate Die Casting Site

Fayetteville, NY

File: 2488/25463 #2

#### Dear Mr. Grathwol:

This letter presents the status of groundwater treatment plant operations for the former Accurate Die Casting site in Fayetteville, New York for the third quarter of 2005 (July 1 through September 30). This information is provided as required by the Order on Consent (#A7-0318-94-10). Included are the results of the monitoring activities associated with the SPDES Fact Sheet for the groundwater treatment system.

#### **Operation Status & Activities Completed:**

- 1. As of September 30, 2005, a total of 64,212,990 gallons of groundwater has been treated since startup on February 5, 1996. Since June 30, 2005, 963,970 gallons of groundwater have been treated; 309,660 gallons from recovery well RW-1, 654,200 gallons from recovery well RW-2, and 110 gallons from the groundwater collection trench constructed in the former VOC/PAH/PCB Soils Area. No water was recovered from the sump located outside the northeast corner of the building during the quarter.
- 2. O'Brien & Gere performed the sampling activities associated with the SPDES Fact Sheet (#734052). The analytical results associated with the SPDES Fact Sheet monitoring activities performed in July, August, and September 2005 are summarized in Table 1. The laboratory analytical data sheets are provided as Attachment A.

#### Activities Scheduled:

- Continue operation of the groundwater recovery and treatment system, including SPDES monitoring.
- 2. Conduct the annual round of ground water sampling using passive diffusion bags. Groundwater will be sampled in the following monitoring wells: MW-5, MW-6, MW-9, MW-12, MW-14, MW-15B, MW-16B, MW-17, MW-21, MW-22, MW-24, PZ-1 and PZ-2. A sample from each of the recovery wells listed above will be analyzed for VOCs. Also, during the annual groundwater sampling event, an influent sample for the treatment system will be collected and analyzed for VOCs.

1945 (ZE) 2005 D'BRIEN E GERE'S V SOTH ANNIVERSAD Mr. John C. Grathwol, P.E. November 4, 2005 Page 2

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

Very truly yours,

O'BRIEN & GERE ENGINEERS, INC.

Alfred R. Farrell, P.E. Project Associate

I:\DIV71\PROJECTS\2488\25463\2_CORRES\3rd_qtr2005report.doc

#### Attachments

cc: James Burke - NYSDEC Region 7

H. Hamel – NYSDOH

T. Slutzky – The Anderson Company

J. Sutphen - O'Brien & Gere, Office of General Counsel

G. Swenson – O'Brien & Gere Engineers, Inc.

D. Carnevale - O'Brien & Gere Engineers, Inc.



		Monitoring Re	equirements					<del></del>
-	Discharge	Discharge	Minimum		Effluent	Effluent	Effluent	Effluent
Analyte (units)	Limitation	Limitation	Measurement	Sample	7/1/2005	7/5/2005	7/6/2005	7/7/2005
	Daily Average	Daily Maximum	Frequency (1)	Туре				
Flow (GPD)	Monitor	150000	Continuous	Meter	12080	12100	12030	11736
pH (SU)	6.5-8.5		2/Week	Grab	7.25	7.23	7.21	7.2
Residue, non-filterable (mg/L)	Monitor	20	Weekly	3-hr comp.				5.0 U
Total dissolved solids (TDS) (mg/L)	Monitor	Monitor	Weekly .	3-hr comp.	***	***		630
Mercury, total (mg/L)	Monitor	0.0008	Quarterly	3-hr comp.				0.00020 U
Zinc, total (mg/L)	Monitor	0.3	Quarterly	3-hr comp.		***	***	0.018
cis-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab				0.50 U
trans-1,2-Dichloroethene (ug/L)	Monitor	10	2/Month	Grab				0.50 U
Methylene chloride (ug/L)	Monitor	20	2/Month	Grab				2.0 U
1,1,2,2-Tetrachloroethane (ug/L)	Monitor	10	2/Month	Grab				0.50 U
Tetrachloroethene (ug/L)	Monitor	10	2/Month	Grab				0.50 U
Toluene (ug/L)	Monitor	20	2/Month	Grab				0.50 U
Trichloroethene (ug/L)	Monitor	10	2/Month	Grab				0.50 U
When the when the commendation is a comment of the Publisher that the			······································		·			
		<u> </u>	- <del></del>				<u></u>	
								<del> </del>

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



		7/11/2005	Effluent 7/12/2005	Effluent 7/13/2005	Effluent 7/14/2005	Effluent 7/15/2005	Effluent 7/18/2005	Effluent 7/19/2005	Effluent 7/28/2005
Flow (GPD)	11851	11387	11350	11348	11196	11240	11597	11800	11613
H (SU)	7.23	7.22	7.22	7.22	7.22	7.22	7.22	7,22	7.22
Residue, non-filterable (mg/L)			5.0 U					5.0 U	5.0 U
otal dissolved solids (TDS) (mg/L)			910			sh we ski	***	760	780
Mercury, total (mg/L)	Marine Control of the		0.000001 U		***	***			900 MA PIS
Zinc, total (mg/L)	***						***		
is-1,2-Dichloroethene (ug/L)						-		0.50 U	
rans-1,2-Dichloroethene (ug/L)								0.50 U	
Methylene chloride (ug/L)								2.00 U	
,1,2,2-Tetrachloroethane (ug/L)								0.50 U	
etrachloroethene (ug/L)			•••					0.50 U	
oluene (ug/L)						***		0.50 U	
richloroethene (ug/L)								0.50 U	
		4.14.							
	tured & Marries and Commission and C	······································		and the same of th				**************************************	
									×

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



Analyte (units)	Effluent 7/29/2005	Effluent 8/1/2005	Effluent 8/2/2005	Effluent 8/3/2005	Effluent 8/4/2005	Effluent 8/5/2005	Effluent 8/8/2005	Effluent 8/9/2005	Effluent 8/10/2005
Flow (GPD)	11530	11467	11320	11290	11180	11261	10787	10720	10771
pH (SU)	7.23	7.22	7.22	7.22	7.21	7.21	7.25	7.25	7.25
Residue, non-filterable (mg/L)					5.0 U				
Total dissolved solids (TDS) (mg/L)		^ ***	***		670		***		
Mercury, total (mg/L)			***			===			شد
Zinc, total (mg/L)						***			
cis-1,2-Dichloroethene (ug/L)					0.50 U				
trans-1,2-Dichloroethene (ug/L)					0.50 U				
Methylene chloride (ug/L)				•••	2.00 U				
1,1,2,2-Tetrachloroethane (ug/L)					0.50 U				
Tetrachloroethene (ug/L)					0.50 U				
l'oluene (ug/L)					0.50 U				
Trichloroethene (ug/L)					0.50 U		•••		
									-
							<u></u>		<del> </del>

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



Analyte (units)	Effluent 8/11/2005	Effluent 8/12/2005	Effluent 8/15/2005	Effluent 8/16/2005	Effluent 8/17/2005	Effluent 8/19/2005	Effluent 8/22/2005	Effluent 8/23/2005	Effluent 8/24/2005
Flow (GPD)	10676	10620	10173	3710	11220	10255	10103	9920	9810
pH (SU)	7.25	7.25	7.22	7.27	7.29	7.25	7.22	7.25	7.25
Residue, non-filterable (mg/L)		5.0 U	***			5.0 U	***		
Total dissolved solids (TDS) (mg/L)	•••	700				670			
Mercury, total (mg/L)	***	***			***				***
Zinc, total (mg/L)									
cis-1,2-Dichloroethene (ug/L)						0.50 U			
trans-1,2-Dichloroethene (ug/L)			مستخر .			0.50 U	:		
Methylene chloride (ug/L)						2.00 U			•••
1,1,2,2-Tetrachloroethane (ug/L)	<u></u>					0.50 U	***		
Tetrachloroethene (ug/L)						0.50 U		•••	
Toluene (ug/L)						0.50 U			
Trichloroethene (ug/L)						0.50 U			
					,				
harman da santan and a santan and									<del></del>

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



	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent
Analyte (units)	8/25/2005	8/26/2005	8/29/2005	8/30/2005	8/31/2005	9/1/2005	9/6/2005	9/7/2005	9/8/2005
Flow (GPD)	9680	9710	9540	9360	9522	9508	10118	10120	10200
oH (SU)	7.25	7.25	7.25	7.22	7.22	7.22	7.25	7.25	7.25
Residue, non-filterable (mg/L)	5.0 U		***			5.0 U			5.0 U
Total dissolved solids (TDS) (mg/L)	680	•••			***	720		***	730
Mercury, total (mg/L)		***			***			***	***
Zinc, total (mg/L)									
cis-1,2-Dichloroethene (ug/L)		· ·	· · · · · · · · · · · · · · · · · · ·			0.50 U			
trans-1,2-Dichloroethene (ug/L)				***		0.50 U		***	***
Methylene chloride (ug/L)						2.00 U			***
1,1,2,2-Tetrachloroethane (ug/L)						0.50 U	***		
Tetrachloroethene (ug/L)						0.50 U			
Гоluene (ug/L)						0.50 U			
Trichloroethene (ug/L)				****		0.50 U			
				·····	· · · · · · · · · · · · · · · · · · ·		^	· · · · · · · · · · · · · · · · · · ·	
		*			···				
			A) - A(Market) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1				TO A STATE OF THE	7,200,000,000	
						H-1771-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1			
				·	<del> </del>				
Association and the Company of the C			The state of the second of the state of the						A <del></del>
	<u> </u>								

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



	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent	Effluent
Analyte (units)	9/9/2005	9/12/2005	9/13/2005	9/14/2005	9/15/2005	9/16/2005	9/19/2005	9/20/2005	9/21/2005
Flow (GPD)	10070	9963	9770	9760	9690	9470	9447	9280	9250
oH (SU)	7.25	7.25	7.25	7.22	7.25	7.25	7.25	7.25	7.25
Residue, non-filterable (mg/L)	+				5.0 U				
Total dissolved solids (TDS) (mg/L)			•••	# <b>-</b>	660		<u></u>		
Mercury, total (mg/L)			***	***	***				and the second s
Zinc, total (mg/L)		***						***	
cis-1,2-Dichloroethene (ug/L)	***				0.50 U	***	•••		
trans-1,2-Dichloroethene (ug/L)					0.50 U				
Methylene chloride (ug/L)				•••	2.00 U				
1,1,2,2-Tetrachloroethane (ug/L)		· was			0.50 U	***	240	***	
Tetrachloroethene (ug/L)					0.50 U				•••
Toluene (ug/L)					0.50 U	***	***		
Trichloroethene (ug/L)				===	0.50 U				
									······································
					and the same of th				
	· · · · · · · · · · · · · · · · · · ·			ر دوارو اندا دوارو اندا دوارو	,				
		<del></del>			- <del></del>				
	Alexander and Al				and the second s	mina a thilliad and an ann an dearl on the artists of the angeles the age of the angeles the age of			

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



Analyte (units)	Effluent 9/22/2005	Effluent 9/23/2005	Effluent 9/26/2005	Effluent 9/27/2005	Effluent 9/28/2005	Effluent 9/29/2005	Effluent 9/30/2005	
Flow (GPD)	9160	9110	8963	8910	8810	8930	8820	
pH (SU)	7.25	7.25	7.25	7.25	7.25	7.25	7.25	
Residue, non-filterable (mg/L)	5.0 U					5.0 U	•••	
Total dissolved solids (TDS) (mg/L)	650				444	570		
Mercury, total (mg/L)					sh.444	P**		
Zinc, total (mg/L)								
cis-1,2-Dichloroethene (ug/L)							•••	,
trans-1,2-Dichloroethene (ug/L)				***				
Methylene chloride (ug/L)						•••		
1,1,2,2-Tetrachloroethane (ug/L)								
Tetrachloroethene (ug/L)								
Toluene (ug/L)							***	
Trichloroethene (ug/L)								
								·

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

#### ATTACHMENT A

## SPDES PERMIT COMPLIANCE MONITORING LABORATORY ANALYTICAL DATA REPORT



Friday, July 22, 2005

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

TEL: 315-437-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results Order No.: 0507024

Dear Al Farrell:

O'Brien & Gere Laboratories, Inc. received 6 sample(s) on 7/7/05 for the analyses presented in the following report.

Very truly yours,

O'BRIEN & GERE LABORATORIES, INC.

Morika Sontucci

Monika Santucci Project Supervisor



## **Analytical Results**

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

StateCertNo: 10155

7/7/05 10:00:00 AM

7/7/05 11:18:00 AM

0507024-003A

CLIENT:

O'Brien & Gere Engineers, Inc.

Project:

Former Accurate Die Cast

W Order:

0507024

Matrix: Inst. ID:

Revision:

WATER MS01 11

ColumnID: Rtx-VMS

Sample Size: 10 mL %Moisture: 7/12/05 7:23:26 AM

TestCode: 8260W Date Received: PrepDate:

**Collection Date:** 

Lab ID:

BatchNo: FileID:

R1737

Client Sample ID: WTP Effluent

T9341.D

Analyte	Result Qu	Result Qual PQL		DF	Date Analyzed	
VOLATILE ORGANIC COMPOUNDS	·	SW8260B				
1,1,2,2-Tetrachloroethane	ND	0.50	μg/L	1	7/8/05 3:42:00 PM	
cis-1,2-Dichloroethene	ND	0.50	μg/L	1	7/8/05 3:42:00 PM	
Methylene chloride	ND	2.0	μg/L	1	7/8/05 3:42:00 PM	
Tetrachloroethene	ND	0.50	μg/L	1	7/8/05 3:42:00 PM	
Toluene	, ND	0.50	µg/L	1	7/8/05 3:42:00 PM	
trans-1,2-Dichloroethene	ND	0.50	µg/L	1	7/8/05 3:42:00 PM	
Trichloroethene	ND	0.50	μg/L	1	7/8/05 3:42:00 PM	
Surr: 1,2-Dichloroethane-d4	111	75-134	%REC	1 3	7/8/05 3:42:00 PM	
Surr: 4-Bromofluorobenzene	85.3	75-125	%REC	1	7/8/05 3:42:00 PM	
Surr: Dibromofluoromethane	103	75-127	%REC	1	7/8/05 3:42:00 PM	
Surr: Toluene-d8	103	75-125	%REC	1	7/8/05 3:42:00 PM	

Analyte detected in the associated Method Blank

Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

Spike Recovery outside accepted recovery limits

Value above quantitation range

Analyte detected below quantitation limits

Prim./Conf. column %D or RPD exceeds limit



**Analytical Results** 

5000 Brittonfield Parkway

East Syracuse, NY 13057

7/12/05 7:23:26 AM

(315) 437-6100

StateCertNo: 10155

**CLIENT:** 

O'Brien & Gere Engineers, Inc.

Project:

Former Accurate Die Cast

W Order:

0507024 WATER

Matrix: Inst. ID:

Revision:

MS01 11

ColumnID: Rtx-VMS

Sample Size: 10 mL %Moisture:

TestCode: 8260W

Lab ID:

0507024-005A Client Sample ID: WTP Influent- GRAB

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

7/7/05 11:18:00 AM

PrepDate:

BatchNo:

R1737

FileID:

T9342.D

Analyte	Result Qual PQL		Units	DF	Date Analyzed	
VOLATILE ORGANIC COMPOUNDS	BY GC/MS		SW8260B			
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L	1	7/8/05 4:14:00 PM	
cis-1,2-Dichloroethene	6.7	0.50	μg/L	1	7/8/05 4:14:00 PM	
Methylene chloride	ND	2.0	μg/L	1	7/8/05 4:14:00 PM	
* Tetrachloroethene	ND	.0.50	µg/L	1	7/8/05 4:14:00 PM	
Toluene	ND	0.50	μg/L	1	7/8/05 4:14:00 PM	
trans-1,2-Dichloroethene	0.64	0.50	· µg/L	1	7/8/05 4:14:00 PM	• . •
Trichloroethene 199	870	E 0.50	μg/L	1	7/8/05 4:14:00 PM	•
Surr: 1,2-Dichloroethane-d4	112	75-134	%REC	1	7/8/05 4:14:00 PM	
Surr: 4-Bromofluorobenzene	83.6	75-125	%REC	1	7/8/05 4:14:00 PM	
Surr: Dibromofluoromethane	101	75-127	%REC	1	7/8/05 4:14:00 PM	
Surr: Toluene-d8	103	75-125	%REC	1	7/8/05 4:14:00 PM	

Qualifiers:

Analyte detected in the associated Method Blank

Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit

Spike Recovery outside accepted recovery limits

Value above quantitation range

Analyte detected below quantitation limits

Prim./Conf. column %D or RPD exceeds limit



## **Analytical Results**

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

StateCertNo: 10155

**CLIENT:** Project:

O'Brien & Gere Engineers, Inc.

Former Accurate Die Cast

W Order:

0507024 WATER

Matrix: Inst. ID:

MS01 11

ColumnID: Rtx-VMS

Sample Size: 10 mL

%Moisture:

TestCode: 8260W

Lab ID:

0507024-005A

Client Sample ID: WTP Influent- GRAB Collection Date: Date Received:

7/7/05 10:00:00 AM 7/7/05 11:18:00 AM

PrepDate:

BatchNo: FileID:

R1762

T9367.D

Revision:	7/13/05 7:50:46 AM	TestCode:	8260V	/	FileID:		T9367	'.D
Analyte		Resul	t Qual 1	PQL	Units		DF	Date Analyzed
VOLATILE (	ORGANIC COMPOUND	S BY GC/MS			SW8260B	i		
1,1,2,2-Tetra	achloroethane	N	) 2	25		μg/L	50	7/11/05 6:19:00 PM
cis-1,2-Dich	loroethene	N	) 2	25		μg/L	50	7/11/05 6:19:00 PM
Methylene c	chloride	N	) 1	00		μg/L	50	7/11/05 6:19:00 PM
Tetrachloroe	ethene ·	N	) 2	25		μg/L	50	7/11/05 6:19:00 PM
Toluene	•	N(	) 2	25		μg/L	50	7/11/05 6:19:00 PM
trans-1,2-Di	chloroethene	±-N€	2	25		μg/L	50	7/11/05 6:19:00 PM 1
Trichloroeth	ene ·	94	0 ( 2	25		.μg/L	50	7/11/05 6:19:00 PM
Surr: 1,2-	Dichloroethane-d4	11	1 7	'5-134		%REC	50	7/11/05 6:19:00 PM
Surr: 4-Br	romofluorobenzene	85.8	3 7	5-125		%REC	50	7/11/05 6:19:00 PM
· Surr: Dibr	romofluoromethane	10	1 7	5-127		%REC	50	7/11/05 6:19:00 PM
Surr: Tolu	uene-d8	10	5 7	5-125		%REC	50	7/11/05 6:19:00 PM

Qualifiers:

Analyte detected in the associated Method Blank

Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

Spike Recovery outside accepted recovery limits

Value above quantitation range

Analyte detected below quantitation limits

Prim./Conf. column %D or RPD exceeds limit



**Analytical Results** 

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

StateCertNo: 10155

**CLIENT:** 

O'Brien & Gere Engineers, Inc.

Project:

Former Accurate Die Cast

W Order:

0507024

Matrix:

Revision:

WATER

Inst. ID:

MS01 11

ColumnID: Rtx-VMS

%Moisture:

7/13/05 7:50:46 AM

Sample Size: 10 mL

TestCode: 8260W

Lab ID:

0507024-006A

Client Sample ID: WTP In- Between **Collection Date:** 

7/7/05 10:00:00 AM

Date Received: PrepDate:

7/7/05 11:18:00 AM

BatchNo: FileID:

R1762

T9366.D

Analyte		Result Qu	ıal PQL		Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOU	NDS BY G	C/MS		SW826	50B		
1,1,2,2-Tetrachloroethane		ND	0.50		μg/L	1.	7/11/05 5:47:00 PM
cis-1,2-Dichloroethene		0.92	0.50		μg/L	1	7/11/05 5:47:00 PM
Methylene chloride		ND	2.0		μg/L	1	7/11/05 5:47:00 PM
Tetrachloroethene		ND	0.50		μg/L	1	7/11/05 5:47:00 PM
Toluene		ND	0.50		μg/L	1 .	7/11/05 5:47:00 PM
-trans-1,2-Dichloroethene	رايه	» ND	0.50		μg/L	1 .	7/11/05 5:47:00 PM
Trichloroethene		0.56	0.50	5	μg/L	1	7/11/05 5:47:00 PM
Surr: 1,2-Dichloroethane-d4	9	112	75-134		%REC	1	7/11/05 5:47:00 PM
Surr: 4-Bromofluorobenzene		87.3	75-125		%REC	1	7/11/05 5:47:00 PM
Surr: Dibromofluoromethane		100	75-127		%REC	1	7/11/05 5:47:00 PM
Surr: Toluene-d8		103	75-125		%REC	1	7/11/05 5:47:00 PM

Qualifiers:

B Analyte detected in the associated Method Blank

Holding times for preparation or analysis exceeded

Not Detected at the Reporting Limit

S Spike Recovery outside accepted recovery limits

Value above quantitation range

Analyte detected below quantitation limits

Prim./Conf. column %D or RPD exceeds limit



**Analytical Results** 

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

StateCertNo: 10155

CLIENT:

O'Brien & Gere Engineers, Inc.

Project:

Former Accurate Die Cast

7/20/2005 11:28:18 A

W Order:

0507024

Matrix:

WATER ICAP 61E

Inst. ID: ColumnID: Revision:

Sample Size: 50 mL

%Moisture: TestCode:

Lab ID:

0507024-002A

Client Sample ID: WTP Effluent-COMP Collection Date:

7/7/2005 10:00:00 AM

Date Received:

7/7/2005 11:18:00 AM

PrepDate: BatchNo:

7/18/2005 1090/R1901

FileID:

5412

Analyte	Result Qu	ıal PQL	Units	DF	Date Analyzed
TOTAL METALS BY ICP			EPA 200.7		(E4.1.3)
Zinc	0.018	0.010	mg/L	1	7/19/2005 12:16:00 PM

200.7W.3

Qualifiers:

- Analyte detected in the associated Method Blank
- Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- Spike Recovery outside accepted recovery limits
- Value above quantitation range
- Analyte detected below quantitation limits
- Prim./Conf. column %D or RPD exceeds limit

Print Date: 7/20/2005 2:15:04 PM

Project Supervisor: Monika Santucci

Page 1 of 4



**Analytical Results** 

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

StateCertNo: 10155

**CLIENT:** 

O'Brien & Gere Engineers, Inc. Former Accurate Die Cast

Project: W Order:

0507024

Matrix:

Analyte

WATER

Inst. ID: ColumnID: **FIMS 100** 

Sample Size: 50 mL

%Moisture:

Lab ID:

0507024-002A

Client Sample ID: WTP Effluent-COMP **Collection Date:** 

7/7/2005 10:00:00 AM 7/7/2005 11:18:00 AM

Date Received: PrepDate: BatchNo:

7/15/2005 12:15:00 PM

**EPA 245.1** 

1083/R1874

Revision: 7/18/2005 2:59:05 PM TestCode: HG245W FileID:

(E245.1)

**MERCURY** Mercury

ND

Result Quai PQL

0.00020

Units

DF

7/15/2005 6:44:05 PM

**Date Analyzed** 

Qualifiers:

Analyte detected in the associated Method Blank

Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

Spike Recovery outside accepted recovery limits

Value above quantitation range

Analyte detected below quantitation limits

Prim./Conf. column %D or RPD exceeds limit

Print Date: 7/20/2005 2:15:04 PM Project Supervisor: Monika Santucci Page 2 of 4



Revision:

## O'Brien & Gere Laboratories, Inc.

**Analytical Results** 

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

StateCertNo: 10155

CLIENT: O'Brien & Gere Engineers, Inc.

Project: Former Accurate Die Cast

W Order: 0507024

Matrix: WATER Inst. ID: ICAP 61E

Inst. ID: ICAP 61E ColumnID: Sample Size: 50 mL

%Moisture:

7/20/2005 11:28:18 A TestCode: 200.7W.3

**Lab ID:** 0507024-004A

Client Sample ID: WTP Influent- COMP
Collection Date: 7/7/2005 10:00:00 AM
Date Received: 7/7/2005 11:18:00 AM

PrepDate: 7/18/2005 BatchNo: 1090/R1901

**FileID:** 5413

Analyte	Result Qu	al PQL		Units	DF	Date Analyzed	
TOTAL METALS BY ICP			EPA 20	0.7		(E4.1.3)	
Zinc	0.13	0.010		mg/L	1	7/19/2005 12:20:00 F	M

Qualifiers:

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

S Spike Recovery outside accepted recovery limits

E Value above quantitation range

J Analyte detected below quantitation limits

P Prim./Conf. column %D or RPD exceeds limit

Print Date: 7/20/2005 2:15:04 PM

Project Supervisor: Monika Santucci

Page 3 of 4



**Analytical Results** 

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

StateCertNo: 10155

**CLIENT:** 

O'Brien & Gere Engineers, Inc.

Project:

Former Accurate Die Cast

W Order:

0507024

Matrix:

WATER **FIMS 100** 

Inst. ID:

ColumnID: Revision:

7/18/2005 2:59:05 PM TestCode: HG245W

Sample Size: 50 mL

%Moisture:

BatchNo: FileID:

0507024-004A

Client Sample ID: WTP Influent- COMP

7/7/2005 10:00:00 AM 7/7/2005 11:18:00 AM 7/15/2005 12:15:00 PM

1083/R1874

Lab ID:

**Collection Date:** 

Date Received:

PrepDate:

Analyte	·	Result Qu	al PQL	Units	DF	Date Analyzed	
MERCURY				EPA 245.1		(E245.1)	
Mercury		ND	0.00020	mg/L	1	7/15/2005 6:46:04 PM	

Qualifiers:

- Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits
- Value above quantitation range
- Analyte detected below quantitation limits
- Prim./Conf. column %D or RPD exceeds limit

Print Date: 7/20/2005 2:15:04 PM

Project Supervisor: Monika Santucci

Page 4 of 4



5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

**Analytical Results** 

StateCertNo: 10155

CLIENT: O'Brien & Gere Engineers, Inc.

Former Accurate Die Cast Project:

W Order: 0507024 Matrix: WATER Lab ID:

0507024-001A Client Sample ID: WTP Effluent-COMP

Collection Date: . Date Received:

7/7/2005 10:00:00 AM 7/7/2005 11:18:00 AM

Analyte	Result Qual	PQL Units	DF	Date Analyzed
TOTAL DISSOLVED SOLIDS		EPA 160.1		
Total Dissolved Solids (Residue, Filterable)	630	10 mg/L	1	7/7/2005
RESIDUE, SUSPENDED (TSS)		EPA 160.2		
Residue, Suspended (TSS)	ND	5.0 mg/L	1	7/11/2005

Qualifiers:

B Analyte detected in the associated Method Blank

Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

Spike Recovery outside accepted recovery limits

E Value above quantitation range

Analyte detected below quantitation limits

Prim./Conf. column %D or RPD exceeds limit

Print Date: 7/22/2005 8:41:09 AM Project Supervisor: Monika Santucci Page 1 of 1

5000 Brittonfield Parkway

Chain of Custody

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

Client: OGINA	,					<u> </u>			Ar	nalysis	s/Meth	od		, <u></u>
Project: Former Accurate D	IE CA	13+				/		7						
Sampled by: Richard ME/Augl						/	/ چ	2)	00/	$\sim$		/		,
Client Contact: A   Fance	Phone #	2316	<i>(</i>			] / 、	9/	Z) (	4260	205		_		
Sample Des						/ 5		1001		ر ا				
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	11	/ 'V	1 2	13	/	<i> </i> -	/	Comn	nents
WTP Effluent	7/7/05	10:00	WATER	Comp	1	1								
WTP Effluent	7/7/05	10:00	WATER	Comp	1		1		ļ 					
WTP Efficent	7/7/05	10:00	union	GRAS	3			3						
WTP Influent	7/7/05	10:00	Wales	Comp	1		1							
WTPINGluent	7/7/05	10:00	WATEN	GRAB	3				3					
WTP IN-Between	7/7/05	10:00	Waser	Grab	3				3				· 	
				<u></u>	<u> </u>	<u> </u>					ļ <u>.</u>		· 	
	<u> </u>	ļ <u></u>		ļ							ļ. <u>.</u>		į	
							ļ	ļ			<u> </u>		<u> </u>	
							<u> </u>				ļ			
			ļ				ļ	,	<u> </u>				ļ <u></u>	·
				<u> </u>						<u> </u>				
Relinquished by: Turn (M) Jush	Da	ite: 7/7/	75 Time	11:18	Receive	d by:	11				Di	ate:	Time	):
Relinquished by:	Da	ite:	Time	:	Receive	d by:						ate:	Time	<b>:</b> :
Relinquished by:	Da	ite:	Time	:	Receive	d by La	b: 1/4	ncy	Selen	7	Da	ate: 7/7	Time	: //:18
Shipment Method: ###					Airbill N	umber:								
Turnaround Time Required:	Comments	s: _		•	•								,	
RoutineRush (Specify)				â										÷
•							•					Oriç	ginal - Labo	ratory
Cooler Temperature: 8°, cud												_	Copy - Clie	



Friday, July 22, 2005

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

TEL: 315-437-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results Order No.: 0507051

Dear Al Farrell:

O'Brien & Gere Laboratories, Inc. received 1 sample(s) on 7/12/05 for the analyses presented in the following report.

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

Monta Sontuce

Monika Santucci Project Supervisor



5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

# **Analytical Results**

StateCertNo: 10155

CLIENT: O'Brien & Gere Engineers, Inc.

Project: Former Accurate Die Cast W Order: 0507051

Matrix: WATER Lab ID: Client Sample ID: WTP Effluent-COMP

0507051-001A

**Collection Date:** Date Received:

7/12/2005 11:00:00 AM 7/12/2005 2:00:00 PM

Analyte	Result Qual	PQL Units	DF	Date Analyzed
TOTAL DISSOLVED SOLIDS		EPA 160.1		
Total Dissolved Solids (Residue, Filterable)	910	10 mg/L	1	7/12/2005
RESIDUE, SUSPENDED (TSS)		EPA 160.2		
Residue, Suspended (TSS)	ND	5.0 mg/L	1	7/13/2005

Qualifiers:

- Analyte detected in the associated Method Blank
- Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits
- Value above quantitation range
- Analyte detected below quantitation limits
- Prim./Conf. column %D or RPD exceeds limit

Print Date: 7/22/2005 8:58:32 AM Project Supervisor: Monika Santucci Page 1 of 1

5000 Brittonfield Parkway

Chain of Custody

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

Client: ONA									Αı	nalysis	s/Meth	od	
Project: Accupate Die Cas Sampled by: Richan M Za Client Contact: A Fannell	ل بج کم ہے Phone #	231	6				(28)						
Sample Description											/ / ;		
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	1	_	igsqcup	_		_		Comments
WTV ESEWENT	7/12/08	11,00	WATG	Como		1	ļ		ļ				
	_		,	<b></b>			<u> </u>		ļ	 			
	<del> </del>			<del> </del>					╂		-		
			-						<del> </del>	<b> </b>			
										<del>                                     </del>			<del></del>
	<u> </u>					<u> </u>	ļ		ļ	<u> </u>	ļ		
	-		<u> </u>		-	<u> </u>	ļ	<del> </del>	<u> </u>	ļ	<del> </del> -		<u> </u>
			<u> </u>	ļ			ļ		<del> </del> :	ļ <u>-</u>			
	*		<del> </del>		ļ	<del> </del>	<del> </del>		<del> </del> -	<del></del>	ļ		
Relinquished by: Tinhul a Mayola	, Da	ite:7/12/	ارم/ Time	:/920	Receive	ed by:			<u> </u>		D	ate:	Time:
Relinquished by:	Da	ite:	Time	):	Receive	ed by:		1 -			D	ate:	Time:
Relinquished by:	Da	ite:	Time	1;	Receive	d by La	b: 🕖	incy	fle	Tes/	D	ate: 7/1	2/15 Time: 14:00
Shipment Method: Hypno					Airbill N	umber:		, , , , , , , , , , , , , , , , , , ,	·				
Turnaround Time Required:  Routine Rush (Specify)	Comments	:										Ori	i ginál - Laboratory
Cooler Temperature: 7°C 1CLd													Copy - Client



A FULL SERVICE ENVIRONMENTAL LABORATORY

August 5, 2005

Mr. Richard McLaughlin O'Brien & Gere Engineers, Inc. 5000 Brittonfield Parkway East Syracuse, NY 13220

PROJECT:ACCURATE DIE CAST Submission #:R2526904

Dear Mr. McLaughlin

Enclosed are the analytical results of the analyses requested. All data has been reviewed prior to report submission. Should you have any questions please contact me at (585) 288-5380.

Thank you for letting us provide this service.

Sincerely,

COLUMBIA ANALYTICAL SERVICES

Janice Jaeger Project Chemist

Enc.



1 Mustard ST. Suite 250 Rochester, NY 14609 (585) 288-5380

### THIS IS AN ANALYTICAL TEST REPORT FOR:

Client : O'Brien & Gere Engineers, Inc.

Project Reference: ACCURATE DIE CAST

Lab Submission # : R2526904

Project Manager : Janice Jaeger

Reported : 08/05/05

Report Contains a total of 8 pages

The results reported herein relate only to the samples received by the laboratory. This report may not be reproduced except in full, without the approval of Columbia Analytical Services.

This package has been reviewed by Columbia Analytical Services' QA Department/Laboratory Director to comply with NELAC standards prior to report submittal.

01



#### CASE NARRATIVE

This report contains analytical results for the following samples: Submission #: R2526904

<u>Lab ID</u>	<u> Client ID</u>
826987	EFFLUENT
826988	INFLUENT

All samples were received in good condition unless otherwise noted on the cooler receipt and preservation check form located at the end of this report.

All samples were preserved in accordance with approved analytical methods.

All samples have been analyzed by the approved methods cited on the analytical results pages.

All holding times and associated QC were within limits.

No analytical or QC problems were encountered.

All sampling activities performed by CAS personnel have been in accordance with "CAS Field Procedures and Measurements Manual" or by client specifications.







### **INORGANIC QUALIFIERS**

### C (Concentration) qualifier -

- B if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but was greater than or equal to the Instrument Detection Limit (IDL). This qualifier may also be used to indicate that there was contamination above the reporting limit in the associated blank. See Narrative for details.
- U if the analyte was analyzed for, but not detected

Q qualifier - Specified entries and their meanings are as follows:

- D Spike was diluted out
- E The reported value is estimated because the serial dilution did not meet criteria.
- J Estimated Value
- M Duplicate injection precision not met.
- N Spiked sample recovery not within control limits.
- S The reported value was determined by the Method of Standard Additions (MSA).
- W Post-digestion spike for Furnace AA Analysis is out of control limits (85-115), while sample absorbance is less than 50% of spike absorbance.
- * Duplicate analysis not within control limits.
- +- Correlation coefficient for the MSA is less than 0.995.

#### M (Method) qualifier:

- "P" for ICP
- "A" for Flame AA
- "F" for Furnace AA
- "PM" for ICP when Microwave Digestion is used
- "AM" for Flame AA when Microwave Digestion is used
- "FM" for Furnace M when Microwave Digestion is used
- "CV" for Manual Cold Vapor AA
- "AV" for Automated Cold Vapor AA
- "CA" for Midi-Distillation Spectrophotometric
- "AS" for Semi-Automated Spectrophotometric
- "C" for Manual Spectrophotometric
- "T" for Titrimetric
- " " where no data has been entered
- "NR" if the analyte is not required to be analyzed.

### CAS/Rochester Lab ID # for State Certifications

NELAP Accredited
Delaware Accredited
Connecticut ID # PH0556
Florida ID # E87674
Illinois ID #200047
Maine ID #NY0032
Massachusetts ID # M-NY032

Navy Facilities Engineering Service Center Approved

Nebraska Accredited New Jersey ID # NY004 New York ID # 10145 New Hampshire ID # 294100 A/B Pennsylvania Registration 68-786 Rhode Island ID # 158 South Carolina ID #91012 West Virginia ID # 292

## COLUMBIA ANALYTICAL SERVICES

Reported: 08/05/05

O'Brien & Gere Engineers, Inc.

Project Reference: ACCURATE DIE CAST

Client Sample ID : EFFLUENT

Date Sampled: 07/12/05 Date Received: 07/13/05 Order #: 826987 Submission #: R2526904 Sample Matrix: WATER

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
MERCURY	1631	0.00100	0.00100 U	UG/L	07/26/05	1.0

### COLUMBIA ANALYTICAL SERVICES

Reported: 08/05/05

O'Brien & Gere Engineers, Inc. Project Reference: ACCURATE DIE CAST Client Sample ID: INFLUENT

Date Sampled: 07/12/05 Date Received: 07/13/05

Order #: 826988 Submission #: R2526904 Sample Matrix: WATER

ANALYTE	METHOD	PQL	RESULT	UNITS	DATE ANALYZED	DILUTION
MERCURY	1631	0.00100	0.00111	UG/L	07/26/05	1.0

### COLUMBIA ANALYTICAL SERVICES

### INORGANIC BLANK SPIKE SUMMARY

CAS Submission #: R2526904

Client: O'Brien & Gere Engineers, Inc. ACCURATE DIE CAST

### BLANK SPIKES

BLANK	FOUND	ADDED	% REC	LIMITS	RUN	UNITS
0.00100 U	0.00504	0.00500	101	85 - 115	118391	UG/L

MERCURY



# CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

SR#			
li .			•
0400			
	SR #	SR #	

An Employee - Owned Company www.caslab.com One Mustard St., Suite 250 • Rochester, NY 14609-0859 • (585) 288-5380 • 800-695-7222 x11 • FAX (585) 288-8475 PAGE ____/ OF ____ CAS Contact

1	ΛE	
/	OF	

Project Name  ACCURATE DIE CAP Project Manager	Project Number	_				_		Al	NALYS	IS RE	QUES	TED (I	nclud	e Meth	od Nu	mber	and C	ontain	er Pre	servat	ive)		
Project Manager	Report CC				PRE	SERVA	TIVE			-								•					
O'BRIEN É GERE. 5000 BRIHEN Trèdo	Twe. of N.A.				MINERS					$\overline{/}$			35/0	<u>\$</u> /				/	/		$\int$	Preservati 0. NONE 1. HCL 2. HNO ₃ 3. H ₂ SO ₂ 4. NaOH	ve Key
Sooo Britten Tredd Synneuse NY Phone 4 215-437-6400 Sampler's Signature The Sampler's Signature	FAX# Sampler's Printed Nam				NUMBER OF CONTAINERS		GCMS SVC CCLE	2.04's 1.625 D.C.	3 601/62 DE 1/62	768 7C.6	7608 G CL	METALS PERIS POL	JUSSOLVEL Smments Del		/ /	/ /	/ /	/ _/	/	/ /	/	5. Zn. Acc 6. MeOH 7. NaHS0 8. Other	04
Think am your		ME	Laugh	<u>ان را</u>	3	SWS	00 8	8/8	27 Z	3 6	8/ 1 <u>7</u>	7 20	≅/	$\bigvee$									
CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAM DATE	PLING TIME	MATRIX							S W			_						/ A	LTERNA	EMARKS/ TE DESCRI	PTION
Effluent Influent	8 26987	7/12/05	19170	W	1								6										
Influent	826688	1/12/08	13:30	W	1								1										
													<u>.</u>			_			ļ . <u>.</u>	ļ <u>.</u>			
													ļ			ļ							
													_										
				<u> </u>	ļ														ļ. <u>.                                   </u>				
					<u> </u>											ļ	ļ <u>.</u>		ļ	ļ			
<del></del> :_					ļ									ļ		ļ							
			<u> </u>																ļ				
													_		L	<u> </u>	<u>.                                    </u>			<u> </u>			
SPECIAL INSTRUCTIONS/COMMENTS  Metals								_ RUSH	OUND I I (SURCI	HARGES	S APPLY	<b>(</b> )	-	Resu	ilts Only	EQUIRE		S			OICE II	NFORMATIO	ON 
								STAN			······································	,				MSD as		d)	PO				
							REQUE	ESTED I	FAX DAT	Έ			-	_ III. Res Summ		C and C	alibration	ı	BIL	LTO:			
							REQUE	ESTED I	REPORT	DATE				_ IV. Data	a Validat	ion Repo	ort with F	aw Dat	a				
See QAPP														_ V. Spei	calized F	Forms / 0	Custom F	Report		nuocioi	T 41.		
SAMPLE RECEIPT: CONDITION/COO			cus	STODY SEA	LS: Y	N							1.	Edata		_ Yes	^	lo 	301	<u> </u>	Se	169C	γ
Relinquished BY Ruchan & M. Gushlir	RECEIVED BY			INQUISHED	BY				RECEI	VED BY	Υ		!	f	RELINO	UISHE	D BY				REC	IVED BY	
Ruchand am Gengalini Kichano MELANGALINI	Stinature		ignature				Signatu						Signa							ature			
Printed Name  O'BRILEN & GERE IN.  FIRM  F	Printed Name		rinted Name				Printed	Name						d Name						ted Name			
7/12/05 13:40	Firm CAS	- 1	irm				Firm						Firm						Firm				
Atte/Time	Date/Tithe	သ ြ	ate/Time				Date/Ti	ime					Date/	Time					Date	:/Time			

# 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 swritten, 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.
- 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 Člient. 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.

Cooler Receipt And Preservation Check Form Submission Number Project/Client Cooler received on 7 13 05 by: COURIER: CAS UPS **FEDEX** CD&L CLIENT Were custody seals on outside of cooler? NO 1. 2. Were custody papers properly filled out (ink, signed, etc.)? NO Did all bottles arrive in good condition (unbroken)? 3. YESNO Did any VOA vials have significant air bubbles? NO 4. holted Were Ice on Ice packs present? YES 5. Where did the bottles originate? 6. Temperature of cooler(s) upon receipt: 7. Is the temperature within 0° - 6° C?: Yes Yes Yes Yes Yes If No, Explain Below No No No No No 100 Date/Time Temperatures Taken; Thermometer ID: 161 IR GUN Reading From: Temp Blank Sample Bottle If out of Temperature, Client Approval to Run Samples 7-13-65 Cooler Breakdown: Date: Were all bottle labels complete (i.e. analysis, preservation, etc.)? YES NO 1. 2. Did all bottle labels and tags agree with custody papers? NO Were correct containers used for the tests indicated? 3. NO Air Samples: Cassettes / Tubes Intact Canisters Pressurized 4. Tedlar® Bags Inflated (N/A Explain any discrepancies:

		YES	NO	Sample I.D.	Reagent	Vol. Added
pН	Reagent			826987	Brc1 exp 9-30-05 made 930-09	1.0ml
12	-NOOH Bra			826988	Brc1 exp 430-05 made 9-30-04	1.0m1
2	HNO ₃					
2	H₂SO₄					
Residual Chlorine (+/-)	for TCN & Phenol	<u> </u>				
5-9**	P/PCBs (608 only)	T				

YES = All samples OK NO = Samples were preserved at lab as listed **If pH adjustment is required, use NaOH and/or H₂SO₄

VOC Vial pH Verification
(Tested after Analysis)
Following Samples
Exhibited pH > 2

PC OK to adjust pH

Other Comments:



Wednesday, August 03, 2005

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

TEL: 315-437-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results Order No.: 0507089

Dear Al Farrell:

O'Brien & Gere Laboratories, Inc. received 2 sample(s) on 7/19/05 for the analyses presented in the following report.

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

Monika Santucci Project Supervisor



## **Analytical Results**

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

StateCertNo: 10155

CLIENT:

O'Brien & Gere Engineers, Inc.

Project:

Former Accurate Die Cast

W Order: Matrix:

0507089 WATER

Inst. ID:

Revision:

MS03 10

ColumnID: Rtx-VMS

08/01/05 3:31:48 P

Sample Size: 10 mL

%Moisture: TestCode 8260W Lab ID:

Client Sample ID: WTP Effluent

Collection Date:

07/19/05 10:00 A

0507089-002A

Date Received:

07/19/05 11:15 A

PrepDate:

BatchNo: FileID:

R2061 J6466.D

Analyte	Result Q	ual PQL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUND	S BY GC/MS	2	SW8260B		
1,1,2,2-Tetrachloroethane	ND	0.50	μg/L	1	07/29/05 7:23 P
cis-1,2-Dichloroethene	ND	0.50	μg/L	1	07/29/05 7:23 P
Methylene chloride	ND	2.00	μg/L	1	07/29/05 7:23 P
Tetrachioroethene	ND	0.50	μg/L	1	07/29/05 7:23 P.
Toluene	МĎ	0.50	μ <mark>g</mark> /L	1	07/29/05 7:23 P
trans-1,2-Dichloroethene	ИD	. 0.50	μg/L	1	07/29/05 7:23 P
Trichloroethene	ND	0.50	µg/L	1	07/29/05 7:23 P
Surr: 1,2-Dichloroethane-d4	· 109	75-134	%REC	1	07/29/05 7:23 P
Surr: 4-Bromofluorobenzene	106	75-125	. %REC	1	07/29/05 7:23 P
Surr: Dibromofluoromethane	107	75-127	%REC	. 1	07/29/05 7:23 P
Surr: Toluene-d8	112	75-125	%REC	1	07/29/05 7:23 P

Qualifiers:

Analyte detected in the associated Method Blank

Holding times for preparation or analysis exceeded

ND Not Detected at the Practical Quantitation Limit (PQL)

Spike Recovery outside accepted recovery limits

Value exceeds the instrument calibration range

Analyte detected below the PQL

Prim./Conf. column %D or RPD exceeds limit

Print Date: 08/03/05 12:50:01 P

Project Supervisor: Monika Santucci

Page 1 of 1



5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

## **Analytical Results**

StateCertNo: 10155

CLIENT: O'Brien & Gere Engineers, Inc.

Project: Former Accurate Die Cast

W Order: 0507089 Matrix: WATER Lab ID:

0507089-001A

Client Sample ID: WTP Effluent-COMP

Collection Date: Date Received:

07/19/05 10:00 A 07/19/05 11:15 A

Analyte	Result Qual	PQL Units	DF	Date Analyzed
TOTAL DISSOLVED SOLIDS		EPA 160.1		
Total Dissolved Solids (Residue, Filterable)	760	10 mg/L	<u>1</u>	07/19/05 2:00 P
RESIDUE, SUSPENDED (TSS)		EPA 160.2		
Residue, Suspended (TSS)	ND	5.0 mg/L	1	07/19/05 12:00 A

Qualifiers:

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Practical Quantitation Limit (PQL)

S Spike Recovery outside accepted recovery limits

E Value exceeds the instrument calibration range

J Analyte detected below the PQL

P Prim./Conf. column %D or RPD exceeds limit

Print Date: 08/03/05 10:38:12 A Project Supervisor: Monika Santucci Page 1 of 1

5000 Brittonfield Parkway

Chain of Custody

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

OGINA. Analysis/Method Client: Cormer Accurate Die Cast Project: ner Hecurer ? schand McLaughling Phone # 2316 Sampled by: Client Contact: A **Sample Description** Date No. of Time Sample Comp. Comments Sample Location Collected Collected or Grab Containers Matrix 7/15/08/01/01/00 WATE Come WIT Effluent 3 Z/19/05 10:00 WATER GUB

				<del></del>	
Relinquished by: Richer all Lough	Date: 7//	9/05 Time: //>//S	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by Lab:	Date: 7/19	Time: 7// 5
Shipment Method: Afgrod			Airbill Number:	71 9	

Turnaround	Time	Requi	ired:
Roul	ine		

Comments:

Rush (Specify)

Cooler Temperature:

• (Speeding)

20 C1009

Original - Laboratory Copy - Client



Friday, August 12, 2005

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

TEL: 315-437-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results Order No.: 0507162

Dear Al Farrell:

O'Brien & Gere Laboratories, Inc. received 1 sample(s) on 7/28/05 for the analyses presented in the following report.

Very truly yours,

O'BRIEN & GERE LABORATORIES, INC.

Monika Sortucci

Monika Santucci

**Project Supervisor** 



5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

# **Analytical Results**

StateCertNo: 10155

CLIENT: O'Brien & Gere Engineers, Inc.

Project: Former Accurate Die Cast

W Order: 0507162 Matrix: WATER Lab ID: Client Sample ID:

0507162-001A

Client Sample ID: WTP Effluent-COMP

**Collection Date:** 07/28/05 9:30 A **Date Received:** 07/28/05 10:55 A

Analyte	Result Qual	PQL Units	DF	Date Analyzed
TOTAL DISSOLVED SOLIDS		EPA 160.1		
Total Dissolved Solids (Residue, Filterable)	780	10 mg/L	1	08/02/05 12:00 A
RESIDUE, SUSPENDED (TSS)		EPA 160.2		
Residue, Suspended (TSS)	ND	5.0 mg/L	1	08/01/05 12:00 A

Qualifiers:

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Practical Quantitation Limit (PQL)

S Spike Recovery outside accepted recovery limits

E Value exceeds the instrument calibration range

J Analyte detected below the PQL

P Prim./Conf. column %D or RPD exceeds limit

Print Date: 08/12/05 11:17:41 A Project Supervisor: Monika Santucci Page 1 of 1

5000 Brittonfield Parkway

Chain of Custody

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

Client: OGINA									ıA	nalysis	/Meth	od	
	Die C	ast		· · · · · · · · · · · · · · · · · · ·			/ [/			7			
Project: Former Accurate Sampled by: Richard Mya	shlix		•			1 /	/'(0) /				/	/	
Client Contact: A   France	Phone #	23/1	/ ~			1 /							·
Sample Des	scription	1				]/,	/ <i>\S</i> }					-   -	
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	) \	`/	/ -	/	<i>[</i>	<u> </u>	/	Comments
WTP Efflient		9:30	WATER	Comp	<del></del>	1							
	ļ			<u> </u>					<u> </u>				<u></u>
	ļ				<u> </u>		-	ļ	<del> </del>	<u> </u>	<u> </u>		
				<u> </u>			<del> </del>		-		<u> </u>	<b> </b> -	
	<del>                                     </del>	<u> </u>			<del></del>		1		<del> </del>			<del> </del>	
					<u> </u>	1							
						ļ							
	<u> </u>					<u> </u>		ļ			ļ		
	<b></b>	<u> </u>		<u> </u>		<del> </del> -			ļ		<u> </u>		
			<u> </u>			<u> </u>					<u> </u>		
Relinquished by: Misher Coll Justin	Da	ite: 7/28/	Time کری	10:55	Receive	d by:			<u> </u>	<u> </u>	l D	ate:	Time:
Relinquished by:	Da	ite:	Time	:	Receive	d by:					D	ate:	Time:
Relinquished by:	Da	ite:	Time	:	Receive	d by L	.ab: 🗸	tacy	- B	this	D	ate: 17/	29/05 Time: /0:55
Shipment Method: Jano			<del>-,</del> .		Airbill N	umber	:						
Routine	Comments	:											i
Rush (Specify)  Cooler Temperature: 5°C 1CC d			-				•			. ·		Ori	ginal - Laboratory Copy - Client



Friday, August 19, 2005

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

TEL: 315-437-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results Order No.: 0508025

Dear Al Farrell:

O'Brien & Gere Laboratories, Inc. received 3 sample(s) on 8/4/05 for the analyses presented in the following report.

Very truly yours,

O'BRIEN & GERE LABORATORIES, INC.

Monka Terluca

Monika Santucci

**Project Supervisor** 



## **Analytical Results**

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

StateCertNo: 10155

CLIENT:

O'Brien & Gere Engineers, Inc.

Project: Former Accurate Die Cast

W Order: Matrix:

0508025 WATER

Inst. ID:

Revision:

MS01 11

ColumnID: Rtx-VMS

08/09/05 3:21:45 P

Sample Size: 10 mL %Moisture:

TestCode 8260W

Lab ID:

0508025-002A Client Sample ID: Effluent-GRAB

Collection Date: Date Received:

08/04/05 10:00 A 08/04/05 11:20 A

PrepDate:

BatchNo: FileID:

R2194

T9769.D

Analyte	Result Q	ual PQL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS	S BY GC/MS		SW8260B		
1,1,2,2-Tetrachloroethane	ND	0.50	μg/L	1	08/08/05 7:18 P
cis-1,2-Dichloroethene	ND	0.50	μg/L	1	08/08/05 7:18 P
Methylene chloride	ND	2.00	· μg/L	1	08/08/05 7:18 P
Tetrachloroethene	ND	0.50	μg/L	1	08/08/05 7:18 P
Toluene	ND	0.50	μg/L	1	08/08/05 7:18 P
trans-1,2-Dichloroethene	ND	0.50	μg/L	1	08/08/05 7:18 P
Trichloroethene	ND	0.50	μg/L	1	08/08/05 7:18 P
Surr; 1,2-Dichloroethane-d4	. 111	75-134 ·	%REC	1	08/08/05 7:18 P
Surr: 4-Bromofluorobenzene	108	75-125	%REC	1	08/08/05 7:18 P
Surr: Dibromofluoromethane	109	75-127	%REC	1	08/08/05 7:18 P
Surr: Toluene-d8	106	75-125	%REC	1	08/08/05 7:18 P

Qualifiers:

Analyte detected in the associated Method Blank

Holding times for preparation or analysis exceeded

Not Detected at the Practical Quantitation Limit (PQL)

Spike Recovery outside accepted recovery limits

Value exceeds the instrument calibration range

Analyte detected below the PQL

Prim./Conf. column %D or RPD exceeds limit

Print Date: 08/09/05 3:27:17 P

Project Supervisor: Monika Santucci

Page 1 of 2



## **Analytical Results**

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

StateCertNo: 10155

CLIENT:

O'Brien & Gere Engineers, Inc.

Project:

Former Accurate Die Cast

W Order: Matrix:

0508025

Inst. ID:

Revision:

WATER

MS01 11

ColumnID: Rtx-VMS 08/09/05 3:21:46 P. Sample Size: 10 mL

%Moisture:

TestCode 8260W

Lab ID:

0508025-003A Client Sample ID: Between-GRAB

Collection Date: Date Received:

08/04/05 10:00 A 08/04/05 11:20 A

PrepDate:

BatchNo: FileID:

R2194 T9770.D

Analyte	Result Q	ıal PQL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUND	S BY GC/MS		SW8260B		
1,1,2,2-Tetrachloroethane	. ND	0.50	μg/L	1	08/08/05 7:49 P
cis-1,2-Dichloroethene	2.76	0.50	μg/L	1	08/08/05 7:49 P
Methylene chloride	ND	2.00	μg/L	1	08/08/05 7:49 P
Tetrachloroethene	ND	0.50	μg/L	1	08/08/05 7:49 P
Toluene .	ND	0.50	μg/L	1	08/08/05 7:49 P
trans-1,2-Dichloroethene	ND	0.50	μg/L	1	08/08/05 7:49 P
Trichloroethene	3.22	0.50	µg/L	1	08/08/05 7:49 P
Surr: 1,2-Dichloroethane-d4	. 111	75-134	%REC	1	08/08/05 7:49 P
Surr: 4-Bromofluorobenzene	105	75-125	%REC	1	08/08/05 7:49 P
Surr: Dibromofluoromethane	109	75-127	%REC	1 .	08/08/05 7:49 P
Surr: Toluene-d8	105	75-125	%REC	1	08/08/05 7:49 P

Qualifiers:

Analyte detected in the associated Method Blank

Holding times for preparation or analysis exceeded

ND Not Detected at the Practical Quantitation Limit (PQL)

S Spike Recovery outside accepted recovery limits

Value exceeds the instrument calibration range

Analyte detected below the PQL

Prim./Conf. column %D or RPD exceeds limit



5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

# **Analytical Results**

StateCertNo: 10155

CLIENT: O'Brien & Gere Engineers, Inc.

Former Accurate Die Cast Project:

W Order: 0508025 Matrix: WATER Lab ID: Client Sample ID: Effluent-COMP

0508025-001A

Collection Date: Date Received: 08/04/05 10:00 A 08/04/05 11:20 A

Analyte	Result Qual	PQL Units	DF	Date Analyzed
TOTAL DISSOLVED SOLIDS	,	EPA 160.1	,	
Total Dissolved Solids (Residue, Filterable)	. 670	10 mg/L	. 1	08/04/05 12:00 A
RESIDUE, SUSPENDED (TSS)		EPA 160.2		
Residue, Suspended (TSS)	· ND	5.0 mg/L	1	08/04/05 12:00 A

Qualifiers:

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

Print Date: 08/19/05 10:19:47 A

Project Supervisor: Monika Santucci

Page 1 of 1

8°C Iced

Cooler Temperature:__

5000 Brittonfield Parkway

Chain of Custody

East Syracuse, New York 13057

(315) 437-0200

0508025

Client: OGINA									An	alysis	/Meth	od		
Project: FORMER ACCURATE D	ie CA.	st				7	5/	0/						
Sampled by: Richard M Law	8 Day						$\mathcal{Q}'$	2260	802/					
Client Contact: A   Fancel F	hone #	2316	,	"		/ `		9	%  √%		· /			
•	Sample Description						100.5					/ /		
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	V .	1 7	12	/	/	<i> -</i>	/	Comme	nts
Eftlyent	8/4/05	10.00	WATE	C	1	1							,	
EFT-Went		10:00	WATOR	6	3		3							
Between	X/Y/ox	10:00	Water	G	3			3			 			
											ļ 			
	<del> </del>								-		·			
		-	i					. <del></del>						
***************************************														
	1							<del></del>	- <del> </del>		•		,	
Relinquished by: The head (Modern )	Da	te: 8/4/	63-Time	//:20	Receive	d by:					Da	ate:	Time:	
Relinquished by:	Da	te: .	Time	:	Receive	d by:					D	ate:	Time:	
Relinquished by:	equished by: Date: Time: Recei			Receive	ceived by Lab: Thacy Steves Date: 8/4/05 Time: /1:						11:20			
Shipment Method: HAND					Airbill N	umber:	-		/ <del>-</del>					
Turnaround Time Required:  Routine  Rush (Specify)	omments	:							٠					

Original - Laboratory Copy - Client



Saturday, August 27, 2005

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

TEL: 315-437-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results Order No.: 0508085

Dear Al Farrell:

O'Brien & Gere Laboratories, Inc. received 1 sample(s) on 8/12/05 for the analyses presented in the following report.

Very truly yours,

O'BRIEN & GERE LABORATORIES, INC.

Monika Santucci

**Project Supervisor** 



5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

# **Analytical Results**

StateCertNo: 10155

CLIENT: O'Brien & Gere Engineers, Inc.

Project: Former Accurate Die Cast

W Order: 0508085 Matrix: WATER Lab ID:

0508085-001A

Client Sample ID: WTP Effluent-COMP

Collection Date: 08/12/ Date Received: 08/12/

08/12/05 11:00 A 08/12/05 1:00 P

		00, 12,00	1.001
Result Qual	PQL Units	DF	Date Analyzed
	EPA 160.1		
700	10 mg/L	1	08/12/05 12:00 A
	EPA 160.2		
ND	5.0 mg/L	1	08/15/05 12:00 A
	700	Result Qual PQL Units  EPA 160.1  700 10 mg/L  EPA 160.2	EPA 160.1 700 10 mg/L 1  EPA 160.2

#### Qualifiers:

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

Print Date: 08/27/05 11:42:52 A Project Supervisor: Monika Santucci Page 1 of 1

5000 Brittonfield Parkway

Chain of Custody

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

lient: OGINA						Analysis/Method							
Project: FORMEN ACCURATE A Sampled by: Richano MYA	Pie C	195 F				7	/	7				/	
Sampled by: Richano MYA	rehlu	<u>ت</u>				/	3		/				
Client Contact: A ( Fame!)	hone #	23/6	,		•	/ 、	()						
Sample Description							[3]						
Sample Location		Time Collected	Sample Matrix	Comp. or Grab	No. of Containers				<i>[</i>	/	<u> </u>	/	Comments
WTC Eddwent	8/1/05	11:00	WHOL	Com	)								
	<u> </u>	·	• •		ļ						ļ		<del> </del>
	<del> </del>				<u> </u>				<u> </u>		<u> </u>		
								·	<u> </u>				
	<del> </del>		<u> </u>										
													•
									ļ	<u> </u>			
	<del> </del>				<del></del>								
	<del> </del>			<u> </u>					<u> </u>				:
Relinquished by Richard M. Jangle	Da	te: 8/2/	65-Time	/3:00	Receive	d by:			·	L	Da	ite:	Time:
Relinquished by:	Da	ite:	Time	:	Receive	d by:					Da	ite:	Time:
Relinquished by:	Da	ite:	Time	:	Receive	d by Lat	):/ <u>/</u>	$\gamma\gamma$	100	U_	Da	ite: 🞖	12/25 Time: 13/11)
Shipment Method: HANN					Airbill N	ımber:	7-0						

Turnaround Time Red	quired:, /
Routine	
Rush (Specify)	

Comments:

Original - Laboratory Copy - Client



Friday, September 02, 2005

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

TEL: 315-437-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results Order No.: 0508132

Dear Al Farrell:

O'Brien & Gere Laboratories, Inc. received 1 sample(s) on 8/19/05 for the analyses presented in the following report.

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

Monka Sortuca.

Monika Santucci Project Supervisor



## **Analytical Results**

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

StateCertNo: 10155

**CLIENT:** 

O'Brien & Gere Engineers, Inc.

Project:

Former Accurate Die Cast

W Order:

0508132 WATER

Matrix: Inst. ID:

Revision:

MS01 11

ColumnID: Rtx-VMS 8/25/05 11:27:36 AM Sample Size: 10 mL %Moisture:

TestCode: 8260W

Lab ID:

0508132-001B

Client Sample ID: Effluent

Collection Date:

8/19/05 11:00:00 AM 8/19/05 12:23:00 PM

PrepDate:

Date Received:

BatchNo:

FileID:

R2412 T0044.D

Analyte	Result Qı	ıai PQL	. Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS	BY GC/MS		SW8260B		
1,1,2,2-Tetrachloroethane	ND	0.50	μg/L	1	8/24/05 6:23:00 PM
cis-1,2-Dichloroethene	ND	0.50	μg/L	1	8/24/05 6:23:00 PM
Methylene chloride	ND	2.00	μg/L	1	8/24/05 6:23:00 PM
Tetrachloroethene	ND	0.50	μg/L	1	8/24/05 6:23:00 PM
Toluene	ND	0.50	μg/L	1	8/24/05 6:23:00 PM
trans-1,2-Dichloroethene	ND	0.50	μg/L	1	8/24/05 6:23:00 PM
Trichloroethene	ND	0.50	μ <b>g/</b> L	1	8/24/05 6:23:00 PM
Surr: 1,2-Dichloroethane-d4	108	75-134	· %REC	1	8/24/05 6:23:00 PM
Surr: 4-Bromofluorobenzene	97.5	75-125	%REC	1	8/24/05 6:23:00 PM
Surr: Dibromofluoromethane	106	75-127	%REC	1	8/24/05 6:23:00 PM
Surr: Toluene-d8	106	75-125	%REC	1	8/24/05 6:23:00 PM

Qualifiers:

Analyte detected in the associated Method Blank

Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

Spike Recovery outside accepted recovery limits

Value above quantitation range

Analyte detected below quantitation limits

Prim./Conf. column %D or RPD exceeds limit

Print Date: 8/25/05 11:28:49 AM

Project Supervisor: Monika Santucci

Page 1 of 1



5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

## **Analytical Results**

StateCertNo: 10155

CLIENT: O'Brien & Gere Engineers, Inc.

Project: Former Accurate Die Cast W Order: 0508132

Matrix: WATER Lab ID: Client Sample ID: Effluent

Date Received:

0508132-001A

**Collection Date:** 

08/19/05 11:00 A 08/19/05 12:23 P

Analyte	Result Qual	PQL Units	DF	Date Analyzed
TOTAL DISSOLVED SOLIDS Total Dissolved Solids (Residue, Filterable)	670	EPA 160.1 10 mg/L	1	08/24/05 12:00 A
RESIDUE, SUSPENDED (TSS) Residue, Suspended (TSS)	ND	EPA 160.2 5.0 mg/L	1	08/22/05 12:00 A

Qualifiers:

Analyte detected in the associated Method Blank

Holding times for preparation or analysis exceeded

ND Not Detected at the Practical Quantitation Limit (PQL)

S Spike Recovery outside accepted recovery limits

Value exceeds the instrument calibration range

Analyte detected below the PQL

Prim./Conf. column %D or RPD exceeds limit

Print Date: 09/02/05 9:21:16 A Project Supervisor: Monika Santucci Page 1 of 1

5000 Brittonfield Parkway

Chain of Custody

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

Client: OG IN A						Analysis/Method								
Project: Accurate Die (ns	1,					/	5	30						
Sampled by: Richard McLaud Client Contact: A   Fancel	2/2/20 2hone #	2311	<u> </u>	<u></u>				\$26°						
Sample Des			<u> </u>			12/2		۲ لا	. /			/ .		
Sample Location	Date	Time Collected	Sample Matrix	Comp.	No. of Containers	)/ C	1	/			<i> </i> -		Comment	ts
ESFlunt	8/16/08	11:00	CUATOR	Cunp		(								
Eff Ivent	1 ' .		WATCA		3		3	•					_	
	,			<del> </del>	 	<u> </u>	<u> </u>		<u> </u>		<del> </del>			
				-						ļ			<u></u>	· · · · · · · · · · · · · · · · · · ·
											<b> </b>			
				-		ļ					ļ	<u> :</u>		
											<u> </u>			·
1 1 1 2 4 2 8 1 1	1													
Relinquished by: Kungsul (11/1) aug L	n Da	ite: 8//9/	100 Time	: 12:23	Receive	d by:		· · · · ·		· · · ·	Da	ate:	Time:	
Relinquished by:	Da	ite:	Time	:	Receive	d by:		2	$\mathcal{L}$	111	_///	ate:	Time:	
Relinquished by:	Da	ite:	Time	:	Receive	d by La	b: //	one	66	lly	<u> </u>	ate: 87	19-05 Time: /2	2:23
Shipment Method: Hand					Airbill N	umber:		·	`	7				
	Comments	<b>s</b> :				•						•		
Routine Rush (Specify)	-												. i	
Cooler Temperature: 4°Con ice							ŕ					Ori	ginal - Laborato Copy - Client	ry



Wednesday, September 14, 2005

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

TEL: 315-437-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results Order No.: 0508166

Dear Al Farrell:

O'Brien & Gere Laboratories, Inc. received 1 sample(s) on 8/25/05 for the analyses presented in the following report.

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

Horika Sontucci

Monika Santucci Project Supervisor



5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

**Analytical Results** 

StateCertNo: 10155

CLIENT: O'Brien & Gere Engineers, Inc.

Project: Former Accurate Die Cast

W Order: 0508166 Matrix: WATER Lab ID:

0508166-001A

Client Sample ID: WTP Effluent-COMP

Collection Date: 08/25/05 10:00 A Date Received: 08/25/05 1:55 P

Analyte	Result Qual	PQL Units	DF	Date Analyzed
TOTAL DISSOLVED SOLIDS		EPA 160.1		
_Total Dissolved Solids (Residue, Filterable)	680	10 mg/L	1	08/26/05 12:00 A
RESIDUE, SUSPENDED (TSS)		EPA 160.2		
Residue, Suspended (TSS)	ND	5.0 mg/L	1	08/27/05 12:00 A

Qualifiers:

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Practical Quantitation Limit (PQL)

S Spike Recovery outside accepted recovery limits

E Value exceeds the instrument calibration range

J Analyte detected below the PQL

P Prim./Conf. column %D or RPD exceeds limit

Print Date: 09/14/05 3:09:24 P Project Supervisor: Monika Santucci Page 1 of 1

5000 Brittonfield Parkway

Chain of Custody

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

Client: OGINA							Analysis/Method						
Project: Former Accupate /	)je C	95 F					-7	/					
Project: Former Accurate (a Sampled by: Kicharo MC)	Augh	lini				] /	\\$\/						
Client Contact: A ( Farne () F	hone #	2316	<i>/</i>				<b>\</b> \						
Sample Description					/ /								
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	/ '\	/			/	<u> </u>	/	Comments
WTP. Efflient	8/25/0	18:00	WATC	Com	)	7	,				·		
	-	ļ		<b>'</b>							<u> </u>		
	<u> </u>												
	<u> </u>								<u> </u>	<del> </del>			
	<u> </u>					<u> </u>							
									,				
	<u> </u>												
	ļ		 					<u> </u>		<u> </u>			
	<del> </del>		·			<u> </u>			<del></del>				
	<del> </del>			<u>}                                    </u>		<del> </del>							
Relinquished by: The July am May de	Da	le: 855/	Time کرا	13:55	Receive	d by:				·	Da	ate:	Time:
Relinquished by:	Da	te:	Time	: .	Receive	d by:		- Λ		ı	Da	ate:	Time:
Relinquished by:	Da	le:	Time	:	Receive	d by Lat	:/ <b>\</b>	V VA	M		Da	ate 2	5/05Time:/357
Shipment Method: HANO					Airbill Nu	umber:	1/1	,o-(				-,	
T Time Permited	`ammanta												

Turnaround Time Required:
Routine

Comments:

Rush (Specify)_

Cooler Temperature:_6

500 d



Friday, September 09, 2005

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

TEL: 315-437-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results Order No.: 0509008

Dear Al Farrell:

O'Brien & Gere Laboratories, Inc. received 2 sample(s) on 9/1/05 for the analyses presented in the following report.

Very truly yours,

O'BRIEN & GERE LABORATORIES, INC.

Montes Londucci

Monika Santucci

**Project Supervisor** 



**Analytical Results** 

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

StateCertNo: 10155

0509008-001B

09/01/05 11:00 A

09/01/05 1:10 P

CLIENT:

O'Brien & Gere Engineers, Inc.

Project:

Former Accurate Die Cast.

W Order:

0509008

Matrix:

WATER

Inst. ID:

Revision:

MS03 10

ColumnID: Rtx-VMS

%Moisture:

09/09/05 11:10:20 A

Sample Size: 10 mL

TestCode 8260W

**Collection Date:** Date Received:

Lab ID:

PrepDate: BatchNo: FileID:

R2576

Client Sample ID: EFFLUENT-COMP

1-SAMP-J6892.D

Analyte	Result Q	ial POL	Units	DF	Date Analyzed
					— Date Analyzed
VOLATILE ORGANIC COMPOUND	S BY GC/MS		SW8260B		
1,1,2,2-Tetrachloroethane	ND	0.50	μg/L	1	99/08/05 7:08 P
cis-1,2-Dichloroethene	ND	0.50	µg/L	1	09/08/05 7:08 P
Methylene chloride	ND	2.00	μg/L	1	09/08/05 7:08 P
Tetrachloroethene	МD	0.50	μg/L	1	09/08/05 7:08 P
Toluene	ND '	0.50	µg/L	1	09/08/05 7:08 P
trans-1,2-Dichloroethene	ND	0.50	μg/L	1	09/08/05 7:08 P
Trichloroethene	ND	0.50	μg/L	1	09/08/05 7:08 P
Surr: 1,2-Dichloroethane-d4	111	75-134	%REC	1	09/08/05 7:08 P
Surr: 4-Bromofluorobenzene	103	75-125	%REC	1	09/08/05 7:08 P
Surr: Dibromofluoromethane	106	75-127	%REC	1	09/08/05 7:08 P
Surr: Toluene-d8	110	75-125	%REC	1	09/08/05 7:08 P

Qualifiers:

Analyte detected in the associated Method Blank

Holding times for preparation or analysis exceeded

ND Not Detected at the Practical Quantitation Limit (PQL)

Spike Recovery outside accepted recovery limits

Value exceeds the instrument calibration range

Analyte detected below the PQL

Prim./Conf. column %D or RPD exceeds limit



**Analytical Results** 

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

StateCertNo: 10155

**CLIENT:** 

O'Brien & Gere Engineers, Inc.

Project:

Former Accurate Die Cast

W Order:

0509008

Matrix:

Revision:

WATER

Inst. ID:

MS03 10

ColumnID: Rtx-VMS

Sample Size: 10 mL %Moisture: TestCode 8260W

09/09/05 11:10:20 A

Lab ID: Client Sample ID: BETWEEN

**Collection Date:** Date Received:

09/01/05 11:00 A 09/01/05 1:10 P

0509008-002A

PrepDate:

BatchNo:

R2576

FileID:

1-SAMP-J6893.D

Analyte	Result Qu	ıal PQL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUND	S BY GC/MS		SW8260B		
1,1,2,2-Tetrachloroethane	ND	0.50	μg/L	1	09/08/05 7:42 P
cis-1,2-Dichloroethene	4.12	0.50	μg/L	1	09/08/05 7:42 P
Methylene chloride	ND	2.00	μg/L	1	09/08/05 7:42 P
Tetrachloroethene	ND	0.50	μg/L	1	09/08/05 7:42 P
Toluene	ND	0.50	μg/L	1	09/08/05 7:42 P
trans-1,2-Dichloroethene	ND	0.50	μg/L ·	1	09/08/05 7:42 P
Trichloroethene	11.2	0.50	μg/L	1.	09/08/05 7:42 P
Surr: 1,2-Dichloroethane-d4	111	75-134	%REC	1	09/08/05 7:42 P
Surr: 4-Bromofluorobenzene	105	75-125	%REC	1	09/08/05 7:42 P
Surr: Dibromofluoromethane	106	75-127	%REC	1	09/08/05 7:42 P
Surr: Toluene-d8	111	75-125	%REC	1	09/08/05 7:42 P

Qualifiers:

Analyte detected in the associated Method Blank

Holding times for preparation or analysis exceeded

ND Not Detected at the Practical Quantitation Limit (PQL)

Spike Recovery outside accepted recovery limits

Value exceeds the instrument calibration range

Analyte detected below the PQL

Prim./Conf. column %D or RPD exceeds limit



5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

## **Analytical Results**

StateCertNo: 10155

CLIENT: O'Brien & Gere Engineers, Inc.

Project: Former Accurate Die Cast

W Order: 0509008 Matrix: WATER Lab ID: 050

0509008-001A

Collection Date: 09/01/05 11:00 A

Collection Date: 09/01/05 11:00 A Date Received: 09/01/05 1:10 P

Analyte Result Qual		PQL Units	DF	Date Analyzed
TOTAL DISSOLVED SOLIDS		EPA 160.1		
Total Dissolved Solids (Residue, Filterable)	720	10 mg/L	1	09/02/05 12:00 A
RESIDUE, SUSPENDED (TSS)		EPA 160.2		
Residue, Suspended (TSS)	ND	5.0 mg/L	1	09/07/05 12:00 A

#### Qualifiers:

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

Print Date: 09/16/05 1:30:02 P Project Supervisor: Monika Santucci Page 1 of 1

5000 Brittonfield Parkway

Chain of Custody

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

Client: DONA									ıA	nalysis	/Meth	od	-800
Project: Accumpte Die G	957					7							
Sampled by: Richard MC	Aughi	10		•		/	2	8240	1/1/2				
Client Contact: A   France	Phone #	23	16			/		8	802				
	Sample Description					يم [		2/2	7/				
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers	1	1	1 3			<u> </u>		Comments
E- Shert	9/1/05	11.'00	UMTU	Curp.	/_	1							
Efflyent	9/1/05	11:00	CAMPICA	GRAB	3		3		 	<u> </u>			
Between	9/1/05	11:00	WASO	Grail	3			2	ļ	<u> </u>			
	1						 		ļ	ļ.,			
· · · · · · · · · · · · · · · · · · ·					<u> </u>		<u> </u>		-				· · · · · · · · · · · · · · · · · · ·
					<del>                                     </del>	<b>-</b>				<u> </u>	ļ		
	_			\- <del>-</del>	<del> </del>			<u> </u>			<del>  ,                                   </del>		<u> </u>
					<del></del>		<del></del> -						
		ļ	<u> </u>		<u></u>				ļ	<u> </u>	ļ		
		<u> </u>		<u></u>		l				<u> </u>			
Relinquished by: This all the fire	Da	le: 7///	Time	1:10	Receive	d by:				· · · · · · · · · · · · · · · · · · ·	Da	ate:	Time:
Relinquished by:	Da	le:	Time	:	Receive	d by:					Di	ate:	Time:
Relinquished by:	Da	te:	Time	:	Receive	d by Lal	·//\\	1	21	7/1	Da	ate VIII	15 Time: 1310
Shipment Method: Agred					Airbill N	umber:	107						

Turnaround Time	Required: //
Routine	

Comments:

Rush (Specify)

Cooler Temperature: 50 LCC



Saturday, September 17, 2005

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

TEL: 315-437-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results Order No.: 0509038

Dear Al Farrell:

O'Brien & Gere Laboratories, Inc. received 1 sample(s) on 9/8/05 for the analyses presented in the following report.

Very truly yours,

O'BRIEN & GERE LABORATORIES, INC.

Nouka Sontuea.

Monika Santucci

**Project Supervisor** 



5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

## **Analytical Results**

StateCertNo: 10155

CLIENT: O'Brien & Gere Engineers, Inc.

Project: Former Accurate Die Cast

W Order: 0509038 Matrix: WATER Lab ID: Client Sample ID:

0509038-001A

Client Sample ID: Effluent

Collection Date: 0

09/08/05 10:00 A

09/08/05 1:00 P

Result Qual	PQL Units	DF	Date Analyzed
	· EPA 160.1		··
730	10 mg/L	1	09/14/05 12:00 A
	EPA 160.2		,
ND	5.0 mg/L	1	09/14/05 12:00 A
	730	EPA 160.1 730 10 mg/L EPA 160.2	EPA 160.1 730 10 mg/L 1  EPA 160.2

Qualifiers:

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Practical Quantitation Limit (PQL)

S Spike Recovery outside accepted recovery limits

E Value exceeds the instrument calibration range

J Analyte detected below the PQL

P Prim./Conf. column %D or RPD exceeds limit

Print Date: 09/17/05 6:24:36 P

Project Supervisor: Monika Santucci

Page 1 of 1

5000 Brittonfield Parkway

Chain of Custody

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

Client: OG/WA									Ar	alysis	/Meth	od	038
Project: AccurATE DIE CAST	<i></i>					] [	[ _ ]	7	7	7	7	Λ	_
Sampled by: Kichans McLaus	hhi						12					_ /	
Client Contact: AI Fance 11 Phone # 2316						] /	1						
Sample Description						]/ [	5/						
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers		<u> </u>				<u> </u> -		Comments
Effluent	9/8/05	10:00	Water	Comp	1	1							
		-	· ,		·	·			ļ				
	<del>                                     </del>			 		}					1		
						ļ. 							
		<del> </del>					<b></b>		<del> </del>				
,													
								:					*F3***
				·		-			<u> </u>				
				<del></del>				•	<b> </b>		····		
	<del> </del>	\ <del></del>											
Relinquished by: Rehal all key Mr	, Da	te:9/8/2	_ر_ Time:	Bio	Receive	d by:					Da	ite:	Time:
Relinquished by:	Da	te:	Time		Receive	d by:	0	NA	1	<i></i>	Đa	ite:	Time:
Relinquished by:	Da	te:	Time		Receive	d by La	b///	IJ V		/ Ll	Da	ite.	8/05 ime: /300
Shipment Method: //And		<u> </u>		· · · · · ·	Airbill Nu	umber: (		, <u> </u>	<b>~</b> प	ノ <u>¬</u>			
-													

Turnaround	Time	Requi	ired:
------------	------	-------	-------

Routine_

Rush (Specify)

Cooler Temperature:

Comments:



Thursday, September 22, 2005

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

TEL: 315-437-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results Order No.: 0509077

Dear Al Farrell:

O'Brien & Gere Laboratories, Inc. received 2 sample(s) on 9/15/05 for the analyses presented in the following report.

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

Monika Sontuce

Monika Santucci Project Supervisor



**Analytical Results** 

5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

Sample Size: 10 mL

TestCode 8260W

%Moisture:

StateCertNo: 10155

CLIENT:

O'Brien & Gere Engineers, Inc.

Project:

Former Accurate Die Cast

W Order:

0509077 WATER

Matrix: Inst. ID:

Revision:

WALER

ColumnID: Rtx-VMS

MS01_11 Rtx-VMS

09/20/05 8:51:56 A

.

Lab ID: 0509077-002A

Client Sample ID: Effluent
Collection Date: 09/15/05

Collection Date:
Date Received:

09/15/05 10:00 A

09/15/05 10:00 A 09/15/05 11:10 A

PrepDate:

BatchNo:

R2694

FileID: 1-SAMP-T0418.D

Analyte	Result Qı	ıal PQL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS	S BY GC/MS		SW8260B		
1,1,2,2-Tetrachloroethane	ND	0.50	μg/L	1	09/19/05 5:58 P
cis-1,2-Dichloroethene	ND	0.50	μg/L	` 1	09/19/05 5:58 P
Methylene chloride	ND	2.00	μg/L	1	09/19/05 5:58 P
Tetrachloroethene	ND	0.50	μg/L	1	09/19/05 5:58 P
Toluene	ND .	0.50	. <i>μ</i> g/L	1	09/19/05 5:58 P
trans-1,2-Dichloroethene	ND	0.50	μg/L	1	09/19/05 5:58 P
Trichloroethene	ND	0.50	<i>μ</i> g/L	1	09/19/05 5:58 P
Surr: 1,2-Dichloroethane-d4	121	75-134	%REC	1	09/19/05 5:58 P
Surr: 4-Bromofluorobenzene	96.0	75-125	%REC	1	09/19/05 5:58 P
Surr: Dibromofluoromethane	, 117	75-127	%REC	1	09/19/05 5:58 P
Surr: Toluene-d8	108	75-125	%REC	1	09/19/05 5:58 P

Qualifiers:

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Practical Quantitation Limit (PQL)

S Spike Recovery outside accepted recovery limits

E Value exceeds the instrument calibration range

J Analyte detected below the PQL

P Prim./Conf. column %D or RPD exceeds limit



5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

## **Analytical Results**

StateCertNo: 10155

CLIENT: O'Brien & Gere Engineers, Inc.

Project: Former Accurate Die Cast

W Order: 0509077 Matrix: WATER Lab ID:

0509077-001A

Client Sample ID: Effluent

Collection Date:
Date Received:

09/15/05 10:00 A 09/15/05 11:10 A

Analyte	Result Qual	PQL Units	DF	Date Analyzed	
TOTAL DISSOLVED SOLIDS		EPA 160.1			
Total Dissolved Solids (Residue, Filterable)	660	10 mg/L	1 	9/21/2005	
RESIDUE, SUSPENDED (TSS)	,	EPA 160.2			
Residue, Suspended (TSS)	ND	5.0 mg/L	1	9/19/2005	

Qualifiers:

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Practical Quantitation Limit (PQL)

S Spike Recovery outside accepted recovery limits

E Value exceeds the instrument calibration range

J Analyte detected below the PQL

P Prim./Conf. column %D or RPD exceeds limit

Print Date: 09/22/05 4:11:39 P

Project Supervisor: Monika Santucci

Page 1 of 1

5000 Brittonfield Parkway

Chain of Custody

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

Client: OGINA			_		,				An	alysis	/Meth	od	677
Project: ACCURATE DRCA	JA					7	5/					/	•
Sampled by: Cichan My	JUQ L	12:				/	21	260				, /	
Client Contact: Al Fanze   1 Phone # 23/6						/ ]	<b>\</b> 1	- 1		. /		· /	
Sample Description						13/3/							
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers			_					Comments
Efflient	9/15/05	10:00	WATCH	Comp	1	1							
Estluent		10:00		Ganb	3		3	,					
	ļ <del>.</del>												
	'	<u></u>							<u> </u>		<del></del>		
	ļ <u>.</u>					<u> </u>		:	<b></b>				
	<u> </u>		<del></del>										
									<del> </del>				· · · · · · · · · · · · · · · · · · ·
									!				
					<u> </u>	<del></del>		<del></del>					
,		<del></del> -											
Relinquished by Wille GMANN	Da	te: <i>9]//5]</i>	1 Time	11:10	Receive	d by:					Da	ite:	Time:
Relinquished by:	Da	te:	Time	:	Receive	d by:					Da	ite:	Time:
Relinquished by:	Da	te:	Time		Receive	d by Lal	7	YYT	Ox()	K	Da	ite: 9//	5/D Time: ///0
Shipment Method: Amd		-			Airbill N	ımber:	ı V		<del>~~~</del>			<del>- / / '</del> -	

Turnaround	Time	Requi	lred:	,
				7

Routine_

Rush (Specify)

Cooler Temperature:

Comments:



Tuesday, October 11, 2005

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

TEL: 315-437-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results Order No.: 0509118

Dear Al Farrell:

O'Brien & Gere Laboratories, Inc. received 1 sample(s) on 9/22/05 for the analyses presented in the following report.

Very truly yours,

O'BRIEN & GERE LABORATORIES, INC.

Monika Sortueai

Monika Santucci Project Supervisor



5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

## **Analytical Results**

StateCertNo: 10155

CLIENT: O'Brien & Gere Engineers, Inc.

Project: Former Accurate Die Cast

W Order: 0509118 Matrix: WATER Lab ID:

0509118-001A

Client Sample ID: WTP Effluent-COMP

Collection Date: 09/22/05 11:00 A Date Received: 09/22/05 1:35 P

Analyte	Result Qual	PQL Units	DF	Date Analyzed
TOTAL DISSOLVED SOLIDS		EPA 160.1		
Total Dissolved Solids (Residue, Filterable)	650	10 mg/L	1	9/26/2005
RESIDUE, SUSPENDED (TSS)		EPA 160.2		
Residue, Suspended (TSS)	ND	5.0 mg/L	1	9/22/2005

Qualifiers:

B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Practical Quantitation Limit (PQL)

S Spike Recovery outside accepted recovery limits

E Value exceeds the instrument calibration range

J Analyte detected below the PQL

P Prim./Conf. column %D or RPD exceeds limit

Print Date: 10/11/05 8:37:29 A Project Supervisor: Monika Santucci Page 1 of 1

5000 Brittonfield Parkway

Chain of Custody

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

Client: OGINA									An	alysis	/Meth	od	[[8]
Project: Former Accurate Vo Sampled by: Richard MS/A	ie Ca	St				./		7		$\overline{}$	7	7	
Sampled by: Richard MC/A	tuch l	<b>√</b>					\B\ 					/	
Client Contact: A Fakre / F	hone #	23)	6			/ \						_	
Sample Description					ر /								
Sample Location		Time Collected	Sample Matrix	Comp. or Grab	No. of Containers			/		/	/		Comments
WTP Effluent	9/22/05	11:00	WATON	Com	1	1							
	<u>  `</u>		` .	•	<u> </u>								
	,						<del> </del>						
	<u>                                     </u>			-									
	<u> </u>												
								.,					
Relinquished by: Whata Wardh	Da	le: 9/22/	O5 Time:	13:35	Receive	d by:					Da	ate:	Time:
Relinquished by:	Da	le:	Time:		Receive	d by:	$\sim$	<u> ۸ مح</u>	1		Da	ite:	Time:
Relinquished by:	Da	te:	Time		Receive	d by Lat	). <i>[</i>				Da	te:9/2	UDSTime: 1335
Shipment Method:					Airbill Nu	ımber;	U						

Turnaround	Time	Required:	
------------	------	-----------	--

Comments:

Routine____ Rush (Specify)_

Cooler Temperature:

oclad

#### Sample Receipt Checklist

Client Name OBG-MS			Date and Tin	ne Received		9/22/2005 1:35:00 PM
Work Order Number 0509118			Received by	srm		
Checklist completed by Signature	R 9/2	2/05	Reviewed by	initials		Date
Matrix:	Carrier name:	HAND DEL	IVERED			
Shipping container/cooler in good condition?		Yes 🗌	No □	Not Present	✓	
Custody seals intact on shippping container/or	cooler?	Yes 🗌	No 🗀	Not Present	$\checkmark$	
Custody seals intact on sample bottles?		Yes 🗌	No 🗆	Not Present	V	
Chain of custody present?		Yes 🗹	No 🗆			
Chain of custody signed when relinquished a	nd received?	Yes 🗹	No 🗌			
Chain of custody agrees with sample labels?	•	Yes 🗹	No 🗌			
Samples in proper container/bottle?		Yes 🗹	No 🗌	•		
Sample containers intact?		Yes 🗹	No 🗀			
Sufficient sample volume for indicated test?		Yes 🗹	No 🗌			
All samples received within holding time?		Yes 🗹	No 🗆			
Container/Temp Blank temperature in compli	ance?	Yes 🗹	No 🗔			
Water - VOA vials have zero headspace?	No VOA vials subr	mitted 🗹	NYes □	No 🗆		
Water - pH acceptable upon receipt?	Adjusted?	Yes 🗌	No X		_ <del>_</del>	
Any No and/or NA (not applicable) response of the contacted:	must be detailed in the o	comments se		on contacted		
Contacted by:	Regarding:					
0.4.4.40.10		seri	v d			
Comments: Jun Duc (	Dugue	<u> </u>				
Corrective Action						
						-



Tuesday, October 18, 2005

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

TEL: 315-437-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results Order No.: 0509154

Dear Al Farrell:

O'Brien & Gere Laboratories, Inc. received 1 sample(s) on 9/29/05 for the analyses presented in the following report.

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

Montes Sontuca:

Monika Santucci Project Supervisor



5000 Brittonfield Parkway

East Syracuse, NY 13057

(315) 437-6100

## **Analytical Results**

StateCertNo: 10155

CLIENT: O'Brien & Gere Engineers, Inc.

Project: Former Accurate Die Cast

W Order: 0509154 Matrix: WATER Lab ID:

0509154-001A

Client Sample ID: WTP Effluent-COMP

Collection Date:
Date Received:

09/29/05 10:00 A 09/29/05 11:10 A

	Date Received:	0,,2,,00	7 11.10 /1
Result Qual	PQL Units	DF	Date Analyzed
	EPA 160.1		
570	10 mg/L	1	9/29/2005
	EPA 160.2		
ND	5.0 mg/L	1	9/29/2005
	570	Result Qual PQL Units  EPA 160.1 10 mg/L  EPA 160.2	Result Qual         PQL Units         DF           EPA 160.1         10 mg/L         1           EPA 160.2         1         1

#### Qualifiers:

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

Print Date: 10/18/05 7:54:42 A Project Supervisor: Monika Santucci Page 1 of 1

5000 Brittonfield Parkway
East Syracuse, New York 13057

**Chain of Custody** 

(315) 437-0200

Client: OGINA									Ar	nalysis	/Meth	od	154
Project: Former Accuration	· Die	Cast	<u>'</u>		·		· ./						
Project: Former Accurage Die Cast  Sampled by: Richard McLarghlin  Client Contact: Al Fange   1 Phone # 23/6						] /	1/2					/	
Client Contact: A/ FARRe//	Phone #	23/0				] /\						_	
Sample Description						/ s							
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers						<u> </u>	/ _	Comments
WILL Effluent	9/29/65	10:00	WATEI	Coop		1			<u> </u>				*
		<u></u>	· ·	<u> </u>			···	<u> </u>	· 	<b> </b>			
	,						ļ		<del></del>		<del></del>		
		\		<u> </u>		-					<del> </del> -		
						<b> </b>				ļ <u>.</u>			
	_				<u> </u>	<del>                                     </del>	<del> </del>	<del> </del>	<del> </del>	<u> </u>			
		<u> </u>						<del> </del>					
Relinquished by: Kinh Will Hugh	Da	te: 9/29/	Time	//:/0	Receive	d by:		_			Da	ite:	Time:
Relinquished by:	Da	te:	Time	:	Receive	d by:		DAA	- <del></del>	11	Da	ate:	Time:
Relinquished by:	Da	te:	Time	: <del></del>	Receive	d by Lai	<i>f. []</i>			<u> </u>	Da	ate: 4/2	9/10 Time: 1110
Shipment Method: //wp					Airbill No	umber:			· · · · · · · · · · · · · · · · · · ·				

Turnaround Time Required:	Corr
Routine	
Rush (Specify)	f

Comments:

Cooler Temperature: 100/

#### Sample Receipt Checklist

ecklist completed by Signature  Carrie pping container/cooler in good condition?  Stody seals intact on shippping container/cooler?  Stody seals intact on sample bottles?	Plate HAND DE Yes V Yes  Yes  Yes  Yes  Yes  Yes	Received by Reviewed by LIVERED No  No  No  No  No  No  No  No  No  No	y MS.	9/29/ Date	01
signature  Carrie  crix: Carrie  cpping container/cooler in good condition?  ctody seals intact on shippping container/cooler?  ctody seals intact on sample bottles?	Yes ☑ Yes □	LIVERED No []	Initials	9/29/ Date	01
pping container/cooler in good condition? stody seals intact on shippping container/cooler? stody seals intact on sample bottles?	Yes ☑ Yes □	No 🗆	Not Present		
stody seals intact on shippping container/cooler?	Yes 🗆	_	Not Present		
stody seals intact on sample bottles?	<u></u>	No 🗆			
	Yes 🗌		Not Present	$\checkmark$	
nin of custody present?		No 🗌	Not Present	lacksquare	
	Yes 🗸	No 🗆			
in of custody signed when relinquished and received?	Yes 🗹	No 🗌			
ain of custody agrees with sample labels?	Yes 🗹	No 🗀			
nples in proper container/bottle?	Yes 🗹	No 🗆			
nple containers intact?	Yes 🗹	No 🗀			
ficient sample volume for indicated test?	Yes 🗹	No 🗌			
samples received within holding time?	Yes 🗹	No 🗆			
ntainer/Temp Blank temperature in compliance?	Yes 🗹	No 🗆			
ter - VOA vials have zero headspace? No VOA v	rials submitted 🗹	Yes [	No □		
ter - pH acceptable upon receipt? () ( )	Yes 🗌	No			
Adjusted?		Checked by		-	
No and/or NA (not applicable) response must be detailed	d in the comments s	ection bel			
ent contacted: Date contac	Date contacted:		Person contacted		
ntacted by: Regarding:					
ntacted by: Regarding:  mments:   MAPLO Q  Market D  Mar	nprese	rred			
•	· 				
rective Action					

# END

OF

# DOCUMENT