

January 19, 2012

Mr. John C. Grathwol, P.E.

Remedial Bureau B - Div of Environmental Remediation New York State Department of Environmental Conservation 625 Broadway Albany, NY 12233-7016

RE: Former Accurate Die Casting Site Fayetteville, New York

FILE: 3902.45845 Corres

Dear Mr. Grathwol:

This letter presents the status of groundwater treatment plant operations for the former Accurate Die Casting site in Fayetteville, New York for the fourth quarter of 2011 (October 1 through December 29). This information is provided as required by the Order on Consent (#A7-0318-94-10). Included are the results of the monitoring activities associated with the SPDES Fact Sheet for the groundwater treatment system.

OPERATION STATUS & ACTIVITIES COMPLETED

As of December 29, 2011, a total of 94,860,310 gallons of groundwater has been treated since startup on February 5, 1996. Since September 30, 2011, 1,077,150 gallons of groundwater have been treated: 349,580 gallons from recovery well RW-1, and 727,570 gallons from recovery well RW-2. No groundwater was collected from the sump located outside the northeast corner of the building or the collection trench constructed in the former VOC/PAH/PCB Soils Area.

O'Brien & Gere performed the sampling activities associated with the SPDES Fact Sheet (#734052). The analytical results associated with the SPDES Fact Sheet monitoring activities performed during October, November, and December 2011 are summarized in Table 1. The effluent during the period complied with the SPDES discharge limits. The laboratory analytical data sheets are provided as Attachment A.

O'Brien & Gere conducted the annual round of groundwater monitoring during November 2011. During the event, groundwater samples were collected from monitoring wells MW-5, MW-6, MW-9, MW-10, MW-11, MW-12, MW-13, MW-14, MW-15B, MW-16B, MW-17, MW-18, MW-21, MW-22, MW-24, PZ-1 and PZ-2. Groundwater levels measured are presented on Table 2. The laboratory results are summarized in Tables 3 and 4, and the data sheets are provided as Attachment B.

The spent carbon in the lead granular activated carbon (GAC) unit was changed and then put in the lag position on November 22, 2011.

ACTIVITIES SCHEDULED

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

Mr. John C. Grathwol, P.E. January 19, 2012 Page 2

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

Very truly yours,

O'BRIEN & GERE ENGINEERS, INC.

Alfred R. Farrell, P.E. Project Associate

Attachments

cc: T. Slutzky – The Anderson Company

T. Olmsted – ITT Corporation S. Roland – O'Brien & Gere

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

| | | | | Monitoring Require | ements | | | | | | |
|-------------------------------------|---------------|---------------|---------------|--------------------|-----------|-----------|------------|------------|------------|------------|------------|
| | Discharge | Discharge | Minimum | | | | | | | | |
| Analyte (units) | Limitation | Limitation | Measurement | Sample | Effluent | Effluent | Effluent | Effluent | Effluent | Effluent | Effluent |
| | Daily Average | Daily Maximum | Frequency (1) | Type | 10/4/2011 | 10/7/2011 | 10/10/2011 | 10/11/2011 | 10/13/2011 | 10/14/2011 | 10/17/2011 |
| Flow (GPD) | Monitor | 150000 | Continuous | Meter | 12215 | 12319 | 12245 | 12256 | 12177 | 12320 | 12101 |
| pH (SU) | 6.5-8.5 | | 2/Week | Grab | 8.23 | 8.23 | 8.25 | 8.23 | 8.23 | 8.23 | 8.23 |
| Residue, non-filterable (mg/L) | Monitor | 20 | Weekly | 3-hr comp. | 5 U | | | 5 U | | | 5 U |
| Total dissolved solids (TDS) (mg/L) | Monitor | Monitor | Weekly | 3-hr comp. | 660 | | | 710 | | | 650 |
| Mercury, total (mg/L) | Monitor | 0.0008 | Quarterly | 3-hr comp. | 0.0002 U | | | | | | |
| Zinc, total (mg/L) | Monitor | 0.3 | Quarterly | 3-hr comp. | 0.02 U | | | | | | |
| cis-1,2-Dichloroethene (ug/L) | Monitor | 10 | 2/Month | Grab | 0.5 U | | | | | | 0.5 U |
| trans-1,2-Dichloroethene (ug/L) | Monitor | 10 | 2/Month | Grab | 0.5 U | | | | | | 0.5 U |
| Methylene chloride (ug/L) | Monitor | 20 | 2/Month | Grab | 2 U | | | | | | 2 U |
| 1,1,2,2-Tetrachloroethane (ug/L) | Monitor | 10 | 2/Month | Grab | 0.5 U | | | | | | 0.5 U |
| Tetrachloroethene (ug/L) | Monitor | 10 | 2/Month | Grab | 0.5 U | | | | | | 0.5 U |
| Toluene (ug/L) | Monitor | 20 | 2/Month | Grab | 0.5 U | | | | | | 0.5 U |
| Trichloroethene (ug/L) | Monitor | 10 | 2/Month | Grab | 0.5 U | | | | | | 0.5 U |
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⁻ Not analyzed, NA - Data Not available

U - Not Detected, J - Estimated

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

| Discharge Discharge Minimum | | | | | Monitoring Requireme | | | | | | | |
|--|-------------------------------------|-----------|-----------|-----------|----------------------|----------|----------|----------|----------|----------|----------|-----------|
| Analyte (units) | | Discharge | Discharge | | 8 - 1 | | | | | | | |
| Daily Average Daily Maximum Frequency (1) Type 10/19/2011 10/21/2011 10/24/2011 10/28/2011 10/31/2011 11/1/2011 11/4/201 11/4/201 11/4/2011 1/4/2011 1/4/2 | Analyte (units) | | | | Sample | Effluent |
| Flow (GPD) Monitor 150000 Continuous Meter 12136 12058 12048 12005 12057 12037 12027 12037 12027 1204 1205 12057 12037 12027 12037 12037 12027 12037 1 |) () | | | | | | | | | | | 11/4/2011 |
| Residue, non-filterable (mg/L) Monitor 20 Weekly 3-hr comp. 5 U 5 U 5 U Total dissolved solids (TDS) (mg/L) Monitor Monitor Weekly 3-hr comp. 790 670 Mercury, total (mg/L) Monitor 0.0008 Quarterly 3-hr comp. Zinc, total (mg/L) Monitor 0.3 Quarterly 3-hr comp. cis-1,2-Dichloroethene (ug/L) Monitor 10 2/Month Grab 0.5 U trans-1,2-Dichloroethene (ug/L) Monitor 10 2/Month Grab 0.5 U Methylene chloride (ug/L) Monitor 20 2/Month Grab 0.5 U Tetrachloroethene (ug/L) Monitor 10 2/Month Grab 0.5 U Tetrachloroethene (ug/L) Monitor 10 2/Month Grab 0.5 U Tetrachloroethene (ug/L) Monitor 10 2/Month Grab 0.5 U Totaldissolved solids (TDS) (mg/L) Total (mg/L) Monitor 20 2/Month Grab 0.5 U Total dissolved solids (TDS) (mg/L) Total (mg/L) Monitor 20 2/Month Grab 0.5 U Total mg/L) Total (mg/L) Monitor 20 2/Month Grab 0.5 U Total mg/L) Total (mg/L) Monitor 20 2/Month Grab 0.5 U Total mg/L) Monitor 20 2/Month Grab 0.5 U Total mg/L) Total (mg/L) Monitor 20 2/Month Grab | Flow (GPD) | | | | | | | | | | | 12027 |
| Total dissolved solids (TDS) (mg/L) Monitor Monitor Weekly 3-hr comp. 790 670 Mercury, total (mg/L) Monitor 0.0008 Quarterly 3-hr comp. Zinc, total (mg/L) Monitor 0.3 Quarterly 3-hr comp. Cis-1,2-Dichloroethene (ug/L) Monitor 10 2/Month Grab 0.5 U Methylene chloride (ug/L) Monitor 20 2/Month Grab 0.5 U Methylene chloride (ug/L) Monitor 20 2/Month Grab 0.5 U Tetrachloroethene (ug/L) Monitor 10 2/Month Grab 0.5 U Tetrachloroethene (ug/L) Monitor 10 2/Month Grab 0.5 U Toluene (ug/L) Monitor 20 2/Month Grab 0.5 U Toluene (ug/L) Monitor 20 2/Month Grab 0.5 U Toluene (ug/L) Monitor 20 2/Month Grab 0.5 U Toluene (ug/L) Monitor 20 2/Month Grab 0.5 U Toluene (ug/L) Monitor 20 2/Month Grab 0.5 U Toluene (ug/L) Monitor 20 2/Month Grab 0.5 U Toluene (ug/L) Monitor 20 2/Month Grab 0.5 U Total (ug/L) Monitor 20 2/Month Grab | pH (SU) | 6.5-8.5 | | 2/Week | Grab | 8.23 | 8.25 | 8.23 | 8.25 | 8.23 | 8.25 | 8.25 |
| Mercury, total (mg/L) Monitor 0.0008 Quarterly 3-hr comp. | Residue, non-filterable (mg/L) | Monitor | 20 | Weekly | 3-hr comp. | | | | 5 U | | 5 U | |
| Zinc, total (mg/L) Monitor 0.3 Quarterly 3-hr comp. 0.5 U Methylene chloride (ug/L) Monitor 20 2/Month Grab 2 U 1,1,2,2-Tetrachloroethane (ug/L) Monitor 10 2/Month Grab 0.5 U Tetrachloroethene (ug/L) Monitor 10 2/Month Grab 0.5 U Toluene (ug/L) Monitor 20 2/Month Grab 0.5 U Toluene (ug/L) Monitor 20 2/Month Grab 0.5 U | Total dissolved solids (TDS) (mg/L) | Monitor | Monitor | Weekly | 3-hr comp. | | | | 790 | | 670 | |
| Zinc, total (mg/L) Monitor 0.3 Quarterly 3-hr comp. 0.5 U Methylene chloride (ug/L) Monitor 20 2/Month Grab 2 U 1,1,2,2-Tetrachloroethane (ug/L) Monitor 10 2/Month Grab 0.5 U Tetrachloroethene (ug/L) Monitor 10 2/Month Grab 0.5 U Toluene (ug/L) Monitor 20 2/Month Grab 0.5 U Toluene (ug/L) Monitor 20 2/Month Grab 0.5 U | | | | | | | | | | | | |
| cis-1,2-Dichloroethene (ug/L) Monitor 10 2/Month Grab 0.5 U trans-1,2-Dichloroethene (ug/L) Monitor 10 2/Month Grab 0.5 U Methylene chloride (ug/L) Monitor 20 2/Month Grab 2 U 1,1,2,2-Tetrachloroethane (ug/L) Monitor 10 2/Month Grab 0.5 U Tetrachloroethene (ug/L) Monitor 10 2/Month Grab 0.5 U Toluene (ug/L) Monitor 20 2/Month Grab 0.5 U | Mercury, total (mg/L) | Monitor | 0.0008 | Quarterly | 3-hr comp. | | | | | | | |
| trans-1,2-Dichloroethene (ug/L) | Zinc, total (mg/L) | Monitor | 0.3 | Quarterly | 3-hr comp. | | | | | | | |
| trans-1,2-Dichloroethene (ug/L) | | | | | | | | | | | | |
| Methylene chloride (ug/L) Monitor 20 2/Month Grab 2 U 1,1,2,2-Tetrachloroethane (ug/L) Monitor 10 2/Month Grab 0.5 U Tetrachloroethene (ug/L) Monitor 10 2/Month Grab 0.5 U Toluene (ug/L) Monitor 20 2/Month Grab 0.5 U | | | | | | | | | | | | |
| 1,1,2,2-Tetrachloroethane (ug/L) Monitor 10 2/Month Grab 0.5 U Tetrachloroethene (ug/L) Monitor 10 2/Month Grab 0.5 U Toluene (ug/L) Monitor 20 2/Month Grab 0.5 U | | | | | | | | | | | | |
| Tetrachloroethene (ug/L) | | | | | | | | | | | | |
| Toluene (ug/L) Monitor 20 2/Month Grab 0.5 U | | | | | | | | | | | | |
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| Trichloroethene (ug/L) Monitor 10 2/Month Grab 0.5 U | Γoluene (ug/L) | | 20 | 2/Month | Grab | | | | | | 0.5 U | |
| | Trichloroethene (ug/L) | Monitor | 10 | 2/Month | Grab | | | | | | 0.5 U | |
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⁻ Not analyzed, NA - Data Not available

U - Not Detected, J - Estimated

⁽¹⁾ Minimum monitoring requirements based on SPEDES permit modified No

| | | | | Monitoring Requireme | | | | | | | |
|-------------------------------------|---------------|---------------|---------------|----------------------|-----------|-----------|-----------|------------|------------|------------|------------|
| | Discharge | Discharge | Minimum | omoring requirem | | | | | | | |
| Analyte (units) | Limitation | Limitation | Measurement | Sample | Effluent | Effluent | Effluent | Effluent | Effluent | Effluent | Effluent |
| rimaye (mins) | Daily Average | Daily Maximum | Frequency (1) | Type | 11/7/2011 | 11/8/2011 | 11/9/2011 | 11/10/2011 | 11/11/2011 | 11/14/2011 | 11/16/2011 |
| Flow (GPD) | Monitor | 150000 | Continuous | Meter | 11990 | 11880 | 11990 | 11834 | 11979 | 11813 | 11727 |
| pH (SU) | 6.5-8.5 | | 2/Week | Grab | 8.25 | 8.25 | 8.25 | 8.25 | 8.23 | 8.25 | 8.23 |
| Residue, non-filterable (mg/L) | Monitor | 20 | Weekly | 3-hr comp. | | | | 5 U | | | |
| Total dissolved solids (TDS) (mg/L) | Monitor | Monitor | Weekly | 3-hr comp. | | | | 740 | | | |
| Mercury, total (mg/L) | Monitor | 0.0008 | Quarterly | 3-hr comp. | | | | | | | |
| Zinc, total (mg/L) | Monitor | 0.3 | Quarterly | 3-hr comp. | | | | | | | |
| Zinc, total (mg/L) | Wiolitoi | 0.3 | Quarterly | 3-iii 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 | | | | | | | |
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⁻ Not analyzed, NA - Data Not available

U - Not Detected, J - Estimated

⁽¹⁾ Minimum monitoring requirements based on SPEDES permit modified No

| | | | | Monitoring Requireme | | | | | | | |
|-------------------------------------|--------------------------|-------------------------|--------------------------|----------------------|------------|------------|------------|---------------------|------------|------------|---------------------|
| | Discharge | Discharge | Minimum | Monitoring Requireme | | | | | | | |
| Analyte (units) | Limitation | Limitation | Measurement | Sample | Effluent | Effluent | Effluent | Effluent | Effluent | Effluent | Effluent |
| Analyte (units) | | | | | | | | | | | |
| Flow (GPD) | Daily Average Monitor | Daily Maximum 150000 | Frequency (1) Continuous | Type Meter | 11/17/2011 | 11/18/2011 | 11/21/2011 | 11/22/2011 11629 | 11/23/2011 | 11/28/2011 | 11/29/2011 11875 |
| | | 150000 | | | 11899 | | | | 11840 | 11954 | |
| pH (SU) | 6.5-8.5 | 20 | 2/Week | Grab | 8.25 | 8.25 | 8.25 | 8.29 | 8.5 | 8.37 | 8.31 |
| Residue, non-filterable (mg/L) | Monitor | 20 | Weekly | 3-hr comp. | 5 U | | 5 U | | | | |
| Total dissolved solids (TDS) (mg/L) | Monitor | Monitor | Weekly | 3-hr comp. | 700 | | 640 | | | | |
| Mercury, total (mg/L) | Monitor | 0.0008 | Quarterly | 3-hr comp. | | | | | | | |
| Zinc, total (mg/L) | Monitor | 0.3 | Quarterly | 3-hr comp. | | | | | | | |
| cis-1,2-Dichloroethene (ug/L) | Monitor | 10 | 2/Month | Grab | 0.5 U | | | | | | |
| trans-1,2-Dichloroethene (ug/L) | Monitor | 10 | 2/Month | Grab | 0.5 U | | | | | | |
| Methylene chloride (ug/L) | Monitor | 20 | 2/Month | Grab | 2 U | | | | | | |
| 1,1,2,2-Tetrachloroethane (ug/L) | Monitor | 10 | 2/Month | Grab | 0.5 U | | | | | | |
| Tetrachloroethene (ug/L) | Monitor | 10 | 2/Month | Grab | 0.5 U | | | | | | |
| Toluene (ug/L) | Monitor | 20 | 2/Month | Grab | 0.5 U | | | | | | |
| Trichloroethene (ug/L) | Monitor | 10 | 2/Month | Grab | 0.5 U | | | | | | |
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⁻ Not analyzed, NA - Data Not available

U - Not Detected, J - Estimated

⁽¹⁾ Minimum monitoring requirements based on SPEDES permit modified No

| | | | | Monitoring Requireme | | | | | | | |
|-------------------------------------|---------------|---------------|---------------|----------------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|
| | Discharge | Discharge | Minimum | | | | | | | | |
| Analyte (units) | Limitation | Limitation | Measurement | Sample | Effluent | Effluent | Effluent | Effluent | Effluent | Effluent | Effluent |
| , | Daily Average | Daily Maximum | Frequency (1) | Type | 11/30/2011 | 12/1/2011 | 12/5/2011 | 12/6/2011 | 12/8/2011 | 12/9/2011 | 12/3/2011 |
| Flow (GPD) | Monitor | 150000 | Continuous | Meter | 11870 | 11868 | 11881 | 11830 | 11890 | 11793 | 11813 |
| pH (SU) | 6.5-8.5 | | 2/Week | Grab | 8.31 | 8.3 | 8.29 | 8.29 | 8.39 | 8.3 | 8.29 |
| Residue, non-filterable (mg/L) | Monitor | 20 | Weekly | 3-hr comp. | | 5 U | | | 5 U | | 5 U |
| Total dissolved solids (TDS) (mg/L) | Monitor | Monitor | Weekly | 3-hr comp. | | 660 | | | 710 | | 770 |
| Mercury, total (mg/L) | Monitor | 0.0008 | Quarterly | 3-hr comp. | | | | | | | |
| Zinc, total (mg/L) | Monitor | 0.3 | Quarterly | 3-hr comp. | | | | | | | |
| cis-1,2-Dichloroethene (ug/L) | Monitor | 10 | 2/Month | Grab | | 0.5 U | | | | | |
| trans-1,2-Dichloroethene (ug/L) | Monitor | 10 | 2/Month | Grab | | 0.5 U | | | | | |
| Methylene chloride (ug/L) | Monitor | 20 | 2/Month | Grab | | 2 U | | | | | |
| 1,1,2,2-Tetrachloroethane (ug/L) | Monitor | 10 | 2/Month | Grab | | 0.5 U | | | | | |
| Tetrachloroethene (ug/L) | Monitor | 10 | 2/Month | Grab | | 0.5 U | | | | | |
| Toluene (ug/L) | Monitor | 20 | 2/Month | Grab | | 0.5 U | | | | | |
| Trichloroethene (ug/L) | Monitor | 10 | 2/Month | Grab | | 0.5 U | | | | | |
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⁻ Not analyzed, NA - Data Not available

U - Not Detected, J - Estimated

⁽¹⁾ Minimum monitoring requirements based on SPEDES permit modified No

| | | | | Monitoring Requireme | | | | | | | |
|-------------------------------------|-----------------|---------------|---------------|----------------------|------------|------------|-------------|------------|------------|-------------|-------------|
| | Discharge | Discharge | Minimum | Monitoring Requireme | | | | | | | |
| Analyte (units) | Limitation | Limitation | Measurement | Sample | Effluent | Effluent | Effluent | Effluent | Effluent | Effluent | Effluent |
| Analyte (units) | Daily Average | Daily Maximum | Frequency (1) | Type | 12/15/2011 | 12/16/2011 | 12/19/2011 | 12/20/2011 | 11/21/2011 | 12/23/2011 | 12/27/2011 |
| Flow (GPD) | Monitor Monitor | 150000 | Continuous | Meter | 11765 | 11840 | 11688 | 11680 | 11/21/2011 | 11671 | 11717 |
| pH (SU) | 6.5-8.5 | 130000 | 2/Week | Grab | 8.29 | 8.29 | 8.27 | 8.29 | 8.31 | 8.29 | 8.29 |
| * | Monitor | 20 | Weekly | | | | 6.27 5 U | | 5 U | 6.29 5 U | 6.29 5 U |
| Residue, non-filterable (mg/L) | | | | 3-hr comp. | | | | | | | |
| Total dissolved solids (TDS) (mg/L) | Monitor | Monitor | Weekly | 3-hr comp. | | | 710 | | 640 | 770 | 690 |
| Mercury, total (mg/L) | Monitor | 0.0008 | Quarterly | 3-hr comp. | | | | | | | |
| Zinc, total (mg/L) | Monitor | 0.3 | Quarterly | 3-hr comp. | | | | | | | |
| cis-1,2-Dichloroethene (ug/L) | Monitor | 10 | 2/Month | Grab | | | 0.5 U | | | | |
| trans-1,2-Dichloroethene (ug/L) | Monitor | 10 | 2/Month | Grab | | | 0.5 U | | | | |
| Methylene chloride (ug/L) | Monitor | 20 | 2/Month | Grab | | | 2 U | | | | |
| 1,1,2,2-Tetrachloroethane (ug/L) | Monitor | 10 | 2/Month | Grab | | | 0.5 U | | | | |
| Tetrachloroethene (ug/L) | Monitor | 10 | 2/Month | Grab | | | 0.5 U | | | | |
| Toluene (ug/L) | Monitor | 20 | 2/Month | Grab | | | 0.5 U | | | | |
| Trichloroethene (ug/L) | Monitor | 10 | 2/Month | Grab | | | 0.5 U | | | | |
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⁻ Not analyzed, NA - Data Not available

U - Not Detected, J - Estimated

⁽¹⁾ Minimum monitoring requirements based on SPEDES permit modified No

| | | | | Monitoring Requireme | | | | |
|-------------------------------------|---------------|---------------|---------------|----------------------|------------|------------|----------|--|
| | Discharge | Discharge | Minimum | | | | | |
| Analyte (units) | Limitation | Limitation | Measurement | Sample | Effluent | Effluent | Effluent | |
| | Daily Average | Daily Maximum | Frequency (1) | Type | 12/28/2011 | 12/29/2011 | 1/3/2012 | |
| Flow (GPD) | Monitor | 150000 | Continuous | Meter | 11741 | 11755 | 11718 | |
| pH (SU) | 6.5-8.5 | | 2/Week | Grab | 8.29 | 8.29 | 8.29 | |
| Residue, non-filterable (mg/L) | Monitor | 20 | Weekly | 3-hr comp. | | | | |
| Total dissolved solids (TDS) (mg/L) | Monitor | Monitor | Weekly | 3-hr comp. | | | | |
| | | | | | | | | |
| Mercury, total (mg/L) | Monitor | 0.0008 | Quarterly | 3-hr comp. | | | | |
| Zinc, total (mg/L) | Monitor | 0.3 | Quarterly | 3-hr comp. | | | | |
| | | | | | | | | |
| cis-1,2-Dichloroethene (ug/L) | Monitor | 10 | 2/Month | Grab | | | | |
| trans-1,2-Dichloroethene (ug/L) | Monitor | 10 | 2/Month | Grab | | | | |
| Methylene chloride (ug/L) | Monitor | 20 | 2/Month | Grab | | | | |
| 1,1,2,2-Tetrachloroethane (ug/L) | Monitor | 10 | 2/Month | Grab | | | | |
| Tetrachloroethene (ug/L) | Monitor | 10 | 2/Month | Grab | | | | |
| Toluene (ug/L) | Monitor | 20 | 2/Month | Grab | | | | |
| Trichloroethene (ug/L) | Monitor | 10 | 2/Month | Grab | | | | |
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⁻ Not analyzed, NA - Data Not available

U - Not Detected, J - Estimated

⁽¹⁾ Minimum monitoring requirements based on SPEDES permit modified No

| | | | | Ground Water |
|-----------|----------------|----------------|--------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | Ground | Well Casing | Screen Interval | Elevation (ft) |
| | Elevation (ft) | Elevation (ft) | Elevation (ft) | 5/28/1992 | 6/26/1992 | 8/7/1992 | 9/26/1994 | 9/27/1994 | 10/18/1994 | 11/2/1994 | 11/17/1994 |
| MW-01 | 99.36 | 101.11 | 75.4 - 85.4 | DRY | DRY | 79.69 | | | DRY | | |
| MW-02 | 91.8 | 94.68 | 76.6 - 86.6 | 83.21 | 82.81 | 84.32 | 83.1 | 83.28 | 80.12 | | |
| MW-03 | 97.65 | 99.63 | 73.7 - 83.7 | 80.44 | | 81.63 | | | | | |
| MW-04 | 65.62 | 68.52 | 46.6 - 56.6 | 51.08 | 49.95 | 50.81 | 47.22 | 52.21 | 46.79 | | |
| MW-05 | 88.21 | 90.42 | 49.2 - 59.2 | 60.71 | 63.76 | 61.22 | 59.87 | 59.91 | 59.45 | | |
| MW-06 | 77.46 | 79.38 | 46.4 - 56.4 | 60.5 | 60.49 | 60.46 | 59.51 | 59.52 | 59.05 | | |
| MW-07 (B) | 75.66 | 78.34 | 34.3 - 44.3 | 54.59 | 54.55 | 54.47 | 53.9 | 53.97 | 53.55 | | |
| MW-08 | 88.21 | 91.78 | 53.9 - 63.9 | 66.38 | 66.38 | 66.83 | 61.59 | 61.65 | 60.99 | | |
| MW-09 | 102.44 | 104.03 | 49.7 - 59.7 | 60.46 | 60.51 | 61.83 | 59.57 | 59.59 | 59.08 | | |
| MW-10 (B) | 97.51 | 97.27 | 43 - 53 | 61.15 | 61.99 | 61.69 | | | 56.02 | 55.07 | 55.19 |
| MW-11 (B) | 91.48 | 93.8 | 43.1 - 53.1 | 62.34 | 63.7 | 63.66 | 58.41 | 58.39 | 57.47 | | 56.68 |
| MW-12 | 93.62 | 94.14 | 51.9 - 61.9 | 62.24 | 60.74 | 62.77 | 59.77 | 59.79 | 59.31 | | |
| MW-13 | 98.8 | 98.7 | 77.7 - 87.7 | DRY | 80.62 | 80.92 | | | 78.7 | 82.92 | 78.21 |
| MW-14 | 98.76 | 100.62 | 74.6 - 84.6 | 75.11 | 79.07 | 81.54 | | | 86.18 | 80.12 | 80.54 |
| MW-15 (B) | 96.1 | 98.9 | 32.7 - 42.7 | | | | | | 53.47 | | |
| MW-16 (B) | 98.5 | 100.85 | 50.8 - 60.8 | | | | | | 61.67 | | |
| MW-17 | 66.9 | 69.24 | 53.7 - 63.7 | | | | 54.61 | 54.61 | 54.08 | | |
| MW-18 | 76.5 | 78.29 | 61.5 - 71.5 | | | | | | | | |
| MW-19 | 69.5 | 71.27 | 46.5 - 56.5 | | | | | | | | |
| MW-20 | 70.98 | 73.34 | 51.9 - 61.9 | | | | | | | | |
| MW-21 | 69.9 | 71.87 | 59.5 - 64.5 | | | | | | | | |
| MW-22 | 71.5 | 73.34 | 60.9 - 65.9 | | | | | | | | |
| MW-23 (B) | 89.8 | 91.72 | 17.3 - 22.3 | | | | | | | | |
| MW-24* | | | | | | | | | | | |
| PZ-01 | 81.8 | 83.95 | 49.8 - 59.8 | | | | 59.56 | 59.57 | 59.1 | | |
| PZ-02 | 80.6 | 83.06 | 42.8 - 52.8 | | | | 59.35 | 59.36 | 58.89 | | |
| RW-01 | 78.4 | 80.28 | 29.4 - 39.4, 45.4 - 50.4 | | | | 56.88 | 56.89 | 58.22 | | |
| RW-02 (B) | 91.58 | 95.18 | _ | | | | | | | | |
| SUMP | | 97.93 | - 1 | | | | | | | 76.04 | 74.83 |

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

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

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

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

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

| | Ground Water | Ground Wate |
|-----------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| | Elevation (ft) |
| Well ID | 10/17/1995 | 2/5/1996 | 2/7/1996 | 2/15/1996 | 2/16/1996 | 2/20/1996 | 2/22/1996 | 2/29/1996 | 3/7/1996 | 3/21/1996 |
| MW-01 | DRY | 77.06 | 76.64 | 75.3 | DRY | DRY | DRY | 75.36 | 75.17 | 77.34 |
| MW-02 | 84.22 | 84.04 | 83.87 | 83.41 | 83.34 | 83.15 | 83.32 | 83.67 | 83.5 | 84.24 |
| MW-03 | | | | | | | | | | |
| MW-04 | | 53.6 | 52.06 | 55.39 | 54.43 | 52.46 | 60.37 | 58.14 | 55.1 | 59.26 |
| MW-05 | | 61.26 | | 60.8 | 60.73 | 60.5 | 60.4 | 60.14 | 59.73 | 58.85 |
| MW-06 | 58.1 | 60.86 | 60.44 | 60.41 | 60.11 | 59.8 | 59.75 | 59.45 | 58.96 | 58.02 |
| MW-07 (B) | 52.71 | 55.16 | 54.67 | 55.03 | 54.52 | 54.45 | 54.58 | 54.46 | 54.32 | 54.29 |
| MW-08 | 60.76 | 66.61 | 66.4 | 65.93 | 65.84 | 65.47 | 65.42 | 65.12 | 64.68 | 64.76 |
| MW-09 | 58.16 | 60.95 | 60.7 | 60.48 | 60.35 | | | 59.71 | 59.22 | 58.3 |
| MW-10 (B) | 54.61 | 62 | 59.88 | 62.11 | 60.42 | 59.96 | 59.91 | 59.64 | 59.43 | 59.07 |
| MW-11 (B) | 55.31 | 62.63 | 60.37 | 62.67 | 60.88 | 60.35 | 60.29 | 59.99 | 59.78 | 59.38 |
| MW-12 | 58.35 | 61.11 | 60.83 | 60.65 | 60.5 | 60.21 | 60.16 | 59.86 | 59.37 | 58.44 |
| MW-13 | DRY | | 79.98 | 79.91 | 79.9 | 79.88 | 79.87 | 79.86 | 79.77 | 79.68 |
| MW-14 | 80.72 | 79.91 | | 80.28 | 80.29 | 80.35 | 80.38 | 80.44 | 80.45 | 80.49 |
| MW-15 (B) | 50.47 | 59.24 | 59.37 | 59.79 | 59.63 | 59.56 | 59.56 | 59.46 | 59.4 | 59.14 |
| MW-16 (B) | 58.06 | 67.14 | 67.17 | 66.9 | 66.79 | 66.57 | 66.52 | 66.39 | 66.17 | 65.99 |
| MW-17 | DRY | 60.29 | 60.17 | 59.75 | 59.7 | 59.52 | 59.64 | 59.42 | 59.28 | 59.3 |
| MW-18 | | | | | | | | | | |
| MW-19 | | | | | | | | | | |
| MW-20 | | | | | | | | | | |
| MW-21 | | | | | | | | | | |
| MW-22 | | | | | | | | | | |
| MW-23 (B) | | | | | | | | | | |
| MW-24* | | | | | | | | | | |
| PZ-01 | 58.16 | 60.92 | 60.61 | 60.46 | 60.28 | 59.99 | 59.93 | 59.63 | 59.14 | 58.21 |
| PZ-02 | 57.97 | 60.7 | 60.3 | 60.26 | 59.97 | 59.66 | 59.61 | 59.33 | 58.83 | 57.9 |
| RW-01 | 57.11 | 59.64 | 55.04 | 59.22 | 54.71 | 54.4 | 54.35 | 54.05 | 53.58 | 52.76 |
| RW-02 (B) | 56.05 | 63.8 | 59.98 | 63.83 | 60.67 | | 59.97 | 59.63 | 59.41 | 58.95 |
| SUMP | 76.94 | 74.67 | 74.68 | 74.64 | 74.63 | 74.63 | 75.3 | 74.9 | 74.65 | 74.87 |

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

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

| | | Ground Water | 0 | 0 | Ground Water | 0 | Ground Water | O | 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) | Elevation (ft) |
| Well ID | 4/4/1996 | 4/10/1996 | 4/18/1996 | 5/2/1996 | 6/6/1996 | 7/16/1996 | 9/5/1996 | 10/21/1996 | 11/19/1996 | 1/16/1997 |
| MW-01 | DRY | DRY | DRY | 77.73 | DRY | DRY | DRY | DRY | 76.6 | 75.15 |
| MW-02 | 83.68 | 83.68 | 84.86 | 85.35 | 83.17 | 83.32 | 82.57 | 83.18 | 84.22 | 83.56 |
| MW-03 | | | | | | | | | | |
| MW-04 | 52.66 | 54.43 | 60.28 | 59.7 | 51.63 | 52.45 | DRY | 55.91 | 55.91 | 53.12 |
| MW-05 | 58.32 | 58.14 | 58.2 | 58.71 | 60.54 | 58.98 | 56.33 | 55.4 | 56.49 | 59.15 |
| MW-06 | 57.48 | 57.28 | 57.41 | 58.17 | 59.91 | 58.13 | 54.95 | 53.71 | 55.61 | 58.39 |
| MW-07 (B) | 54.17 | 54.15 | 54.32 | 54.75 | 55.02 | 53.95 | 52.44 | 51.22 | 52.68 | 54.28 |
| MW-08 | 64.1 | 63.83 | 64.08 | 65.43 | 67.07 | 64.5 | 59.05 | 59.56 | 63.61 | 64.67 |
| MW-09 | 57.78 | 57.59 | 57.73 | 58.46 | 60.18 | 58.38 | 55.38 | 54.24 | 56.64 | 58.65 |
| MW-10 (B) | 58.81 | 58.72 | 58.61 | 59.72 | 62.25 | 59.11 | 53.88 | | 54.95 | 59.61 |
| MW-11 (B) | 59.1 | 59.01 | 58.94 | 60.35 | 62.68 | 59.53 | 54.72 | 52.88 | 55.85 | 60.15 |
| MW-12 | 57.93 | 57.74 | 57.86 | 58.59 | 60.33 | 58.54 | 55.48 | 54.3 | 56.18 | 58.81 |
| MW-13 | 79.6 | 79.57 | 79.52 | 79.44 | 79.28 | 79.35 | 79.15 | 79.07 | 80.68 | 80.49 |
| MW-14 | 80.52 | 80.55 | 78.14 | 79.29 | 80.56 | 80.66 | 80.59 | 80.61 | | 80.59 |
| MW-15 (B) | 59.07 | 59.04 | 58.84 | 59.87 | 62.62 | 59.24 | 54.83 | 51.58 | 51.99 | 58.83 |
| MW-16 (B) | 65.99 | 65.9 | 65.84 | 67.02 | 68.4 | 65.57 | 63.31 | | | 66.13 |
| MW-17 | 59.27 | 59.14 | 59.3 | 59.95 | 59.22 | 58.46 | 57.89 | 55.96 | 58.02 | 59.33 |
| MW-18 | | | | | 72.95 | 72.32 | 70.81 | 70.77 | | 73.31 |
| MW-19 | | | | | DRY | DRY | DRY | DRY | DRY | DRY |
| MW-20 | | | | | DRY | 50.26 | DRY | DRY | DRY | DRY |
| MW-21 | | | | | | | | | | |
| MW-22 | | | | | | | | | | |
| MW-23 (B) | | | | | | | | | | |
| MW-24* | | | | | | | | | | |
| PZ-01 | 57.67 | 57.47 | 57.6 | 58.34 | | 58.31 | 55.13 | 53.9 | 55.83 | 58.57 |
| PZ-02 | 57.39 | 57.19 | 57.3 | 58.04 | 59.77 | 57.97 | 54.9 | 53.53 | 55.25 | 58.23 |
| RW-01 | 52.24 | 52.03 | 52.11 | 52.69 | 53.82 | 51.94 | 48.05 | 41.8 | 47.33 | 50.74 |
| RW-02 (B) | 58.63 | 58.52 | 58.41 | 59.63 | 62.56 | 59.14 | | 42.02 | 55.39 | |
| SUMP | 74.69 | 74.99 | 75.89 | 75.76 | 74.73 | 74.78 | 74.56 | 74.85 | 74.77 | 74.71 |
| Notos: | NIL Wall not install | 1 -4 4!6! | harden NA Data and | 4 11-1-1- AD 144- | | 10/ | manitared (D) De | des els essesses desert | | |

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

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

| | Ground Water | 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) | Elevation (ft) |
| Well ID | 2/4/1997 | 4/15/1997 | 7/8/1997 | 10/22/1997 | 1/29/1998 | 4/15/1998 | 10/20/1998 | 4/28/1999 | 10/19/1999 | 4/6/2000 |
| MW-01 | | 75.64 | DRY | DRY | DRY | DRY | DRY | DRY | DRY | 80.92 |
| MW-02 | | 83.81 | | 82.84 | 83.47 | 83.52 | 83.54 | 83.38 | 84.44 | 86.58 |
| MW-03 | | | | | | | | | | |
| MW-04 | | | | | | | | | | |
| MW-05 | | 59.83 | 59.16 | 58.34 | 60.86 | | | 59.91 | 55.35 | 60.52 |
| MW-06 | | 59.34 | 58.58 | 57.97 | 60.46 | 60.57 | 59.69 | 59.11 | 53.34 | 60.36 |
| MW-07 (B) | | 54.7 | 52.93 | 50.63 | 52.9 | 53.82 | 51.76 | 54.57 | 51.73 | 54.87 |
| MW-08 | | 65.15 | 61.65 | 58.9 | 64.98 | 67.17 | 59.86 | 64.21 | 62.37 | 66.41 |
| MW-09 | | 59.6 | 58.76 | 58 | 60.51 | 60.56 | 59.71 | 59.68 | 54.25 | 60.62 |
| MW-10 (B) | | 58.11 | 53.44 | 50.75 | 55.78 | | 51.88 | 57.97 | 51.32 | 57.6 |
| MW-11 (B) | | 58.59 | 55.2 | 52.5 | 56.75 | 61.73 | 53.98 | 58.36 | 53.31 | 59.39 |
| MW-12 | | 59.72 | 58.92 | 58.21 | 60.67 | 60.8 | 59.89 | 59.53 | 54.09 | 60.71 |
| MW-13 | | 80.33 | 79.84 | 79.53 | 78.87 | 78.67 | 78.31 | 78.08 | 80.75 | 80.89 |
| MW-14 | | 80.53 | 80.55 | 80.58 | 80.78 | 80.78 | 80.64 | 80.54 | 80.67 | 80.6 |
| MW-15 (B) | | 59.83 | 56.63 | 50.48 | 56.34 | 62.1 | 52.58 | 58.94 | 50.95 | 58.81 |
| MW-16 (B) | | 66.89 | 64.43 | 58.45 | 65.71 | 68.03 | 61.84 | 65.99 | 59.81 | 66.92 |
| MW-17 | | 59.64 | 58.33 | DRY | 59.7 | 59.51 | 57.93 | 58.76 | 57.47 | 60.28 |
| MW-18 | 72.78 | 73.6 | 71.34 | 69.71 | 73.5 | 73.29 | 70.74 | 72.46 | 70.78 | 75.08 |
| MW-19 | DRY | DRY | DRY | DRY | DRY | DRY | DRY | DRY | DRY | DRY |
| MW-20 | | | | | | | | | | |
| MW-21 | 63.69 | 63.74 | | 62.93 | 63.82 | 63.54 | 63.23 | 63.31 | 62.69 | 64.42 |
| MW-22 | 63.69 | 67.92 | 67.35 | 65.96 | 68.51 | 68.39 | 67.83 | 68.05 | 67.69 | 68.52 |
| MW-23 (B) | | 37.71 | 35.61 | 32.29 | 34.95 | 37.95 | 33.57 | 36.76 | 32.48 | 36.69 |
| MW-24* | | | | | | | | -7.38 | -10.22 | -9.96 |
| PZ-01 | | 59.51 | 58.7 | 58.01 | 60.5 | 60.61 | 59.7 | 59.3 | 53.65 | 60.51 |
| PZ-02 | | 59.13 | 58.34 | 57.65 | 60.22 | 60.34 | 59.46 | 59.03 | 52.71 | 60.17 |
| RW-01 | | 50.3 | 43.34 | 42.03 | 43.13 | 32.6 | 32.36 | 54.69 | | 50.73 |
| RW-02 (B) | | 55.69 | 44.07 | 42.89 | 52.74 | 59.94 | 44.33 | 56.74 | | 54.52 |
| SUMP | | 74.94 | 75.01 | 74.75 | 74.89 | 74.96 | 75.2 | 75.26 | | 78.49 |
| Notes: | NI-Well not installe * - Measurement r MW-03 was remove | relative to top of w | ell casing. Elevatio | ns based on assun | ned datum. MW-01 | through MW-16 in | nstalled during Ren | nedial Investigation | n (Stearns & Whele | er). |

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 | Ground Water |
|-----------|---------------------|--------------------|-------------------|-------------------|----------------------------|-----------------|------------------|-------------------|--------------------|----------------|
| | Elevation (ft) | Elevation (ft) | Elevation (ft) | Elevation (ft) | Elevation (ft) | Elevation (ft) | Elevation (ft) | Elevation (ft) | Elevation (ft) | Elevation (ft) |
| Well ID | 11/7/2000 | 7/3/2001 | 11/8/2001 | 4/3/2002 | 10/9/2002 | 12/28/2004 | 4/8/2005 | 5/8/2005 | 11/9/2005 | 4/21/2006 |
| MW-01 | DRY | 77.46 | 76.87 | 77.42 | 101.11 | 76.7 | 80.09 | 80.09 | 78.27 | 78.66 |
| MW-02 | | 84.33 | 83.67 | 84.28 | 83.6 | 83.67 | 85.01 | 85.01 | 84.1 | 85.14 |
| MW-03 | | | | | | | | | | |
| MW-04 | | | | | | | | | | |
| MW-05 | 59.83 | 60.92 | 60.1 | 60.8 | 58.42 | 60.79 | 61.76 | 61.76 | 60.82 | 60.88 |
| MW-06 | 59.4 | 55.87 | 59.67 | 60.42 | 59.84 | 60.35 | 61.45 | 61.45 | 60.36 | 70.35 |
| MW-07 (B) | DRY | 53.34 | 51.92 | 53.59 | 52.34 | 54.11 | 55.35 | 55.35 | | 54.59 |
| MW-08 | 61.45 | 65.63 | 60.92 | 64.16 | 60.73 | 63.24 | 67.83 | 67.83 | 64.14 | 65.22 |
| MW-09 | 59.42 | 60.51 | 59.68 | 60.47 | 59.85 | 60.36 | 61.54 | 61.54 | 60.4 | 60.36 |
| MW-10 (B) | 52.73 | 57.22 | 52.6 | 56.07 | 54.57 | 54.86 | 60.38 | 60.38 | 55.76 | 58.75 |
| MW-11 (B) | 54.66 | 59.15 | 54.73 | 57.19 | 54.77 | 56.54 | 60.89 | 60.89 | 56.05 | 58.84 |
| MW-12 | 59.62 | 60.63 | 59.87 | 60.64 | | 60.54 | 61.67 | 61.67 | 60.58 | 60.54 |
| MW-13 | 80.53 | 79.95 | 80.1 | 78.65 | 79.62 | 83.48 | 80.04 | 80.04 | 80.6 | 79.8 |
| MW-14 | 80.75 | 79.74 | 80.77 | 80.48 | 82.87 | 81.72 | 84.69 | 84.69 | 82.77 | 82.71 |
| MW-15 (B) | 54.32 | 58.98 | 53.52 | 59.03 | 54.4 | 57.78 | 61.53 | 61.53 | 55.87 | 59.87 |
| MW-16 (B) | 63.57 | 66.14 | 63.58 | 66.25 | 63.5 | 65.64 | 68.75 | 68.75 | 65.35 | 66.31 |
| MW-17 | 58.33 | 58.55 | 58.02 | 59.24 | 57.58 | 58.91 | 60.79 | 60.79 | 58.91 | 58.77 |
| MW-18 | 71.61 | 72.09 | 71.36 | 73.75 | 69.84 | 72.88 | 74.61 | 74.61 | 72.33 | 72.54 |
| MW-19 | DRY | DRY | DRY | DRY | DRY | DRY | | DRY | DRY | DRY |
| MW-20 | | | | | | | | | | |
| MW-21 | 62.59 | 62.53 | 62.58 | 63.39 | 61.82 | 62.54 | 63.92 | 63.92 | 62.62 | 62.24 |
| MW-22 | 66.42 | 68.13 | 68.15 | 68.71 | 67.24 | 63.41 | 68.65 | 68.65 | 68.68 | 68.3 |
| MW-23 (B) | 33.97 | 36.21 | 33.25 | 35.68 | 33.63 | 36.49 | 39.32 | 39.32 | 35.43 | 37.72 |
| MW-24* | -10.43 | -10.41 | -10.39 | -10.35 | -10.3 | -10.33 | -10.2 | -10.2 | -10.33 | -10.4 |
| PZ-01 | 59.44 | | 59.7 | 60.45 | 59.87 | 60.4 | 61.48 | 61.48 | 60.38 | 60.37 |
| PZ-02 | 59.16 | | 59.48 | 60.18 | 59.65 | 60.23 | 61.28 | 61.28 | 60.22 | 60.19 |
| RW-01 | 40.88 | | 36.48 | 36.53 | 34.88 | | | | | |
| RW-02 (B) | 42.86 | | 42.97 | 49.85 | 44.13 | | | | | |
| SUMP | 74.91 | 75.33 | 75.05 | 75.13 | 74.94 | | | | | |
| Notes: | NI Wall not install | ed at time of moni | tarina NA Data na | t available AD Ma | II o o o b o m al o m o al | Motor lovel not | manitared (D) De | drock ground wate | or monitoring wall | |

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

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

| Well ID MW-01 MW-02 MW-03 MW-04 | Elevation (ft) 1/2/2007 76.7 83.58 | Elevation (ft) 11/29/2007 80.03 85.6 | Elevation (ft) 5/8/2008 80.06 | Elevation (ft) 11/21/2008 80.11 | Elevation (ft) 4/22/2009 | Elevation (ft) | Elevation (ft) | | | |
|---|---|---|-------------------------------------|---------------------------------------|-----------------------------|----------------|----------------|----------------|----------------|----------------|
| MW-01 MW-02 MW-03 | 76.7 83.58 | 80.03 85.6 | | | 4/22/2009 | | ` ' | Elevation (ft) | Elevation (ft) | Elevation (ft) |
| MW-02 MW-03 | 83.58 | 85.6 | 80.06 | 00 11 | | 11/20/2009 | 4/30/2010 | 11/17/2010 | 5/12/2011 | 11/29/2011 |
| MW-03 | | | | 00.11 | 80.69 | 79.49 | 80.73 | 79.87 | 80.71 | 75.97 |
| | | | | | 83.26 | 83.24 | 83.13 | 83.6 | NM | 83.98 |
| WW-04 | | | | | | | | | | |
| | | | | | | | | | | |
| MW-05 | 60.65 | 61.62 | 60.72 | 60.24 | 60.86 | 60.32 | 60.7 | 60.62 | 62.32 | 60.66 |
| MW-06 | 60.28 | 60.5 | 60.28 | 59.98 | 60.46 | 60.03 | 60.34 | 60.26 | NM | 60.26 |
| MW-07 (B) | 54.04 | 52.96 | 52.94 | | 56.1 | 52.88 | 54.04 | 52.94 | 53.84 | 53.18 |
| MW-08 | 63.24 | 66.86 | 66.82 | 66.88 | 66.5 | 61.93 | 65.94 | 64.7 | NM | 63 |
| MW-09 | 60.36 | 60.55 | 60.33 | 60.53 | 60.49 | 60.03 | 60.37 | 60.27 | 61.9 | 60.25 |
| MW-10 (B) | 57.62 | 56.01 | 61.05 | 52.79 | 60.33 | 53.77 | 58.97 | 58.77 | 66.37 | 55.73 |
| MW-11 (B) | 57.81 | 55.72 | 60.32 | 52.42 | 59.4 | 52.98 | 57.95 | 57.84 | 64.85 | 54.56 |
| MW-12 | 60.47 | 60.72 | 60.5 | 60.19 | 60.67 | 60.24 | 60.56 | 60.44 | 62.02 | 60.46 |
| MW-13 | 79.44 | 78.68 | 78.23 | DRY | DRY | 78.02 | Dry | Dry | Dry | Dry |
| MW-14 | 82.65 | 89.24 | 82.74 | 82.59 | 82.72 | 82.67 | 82.62 | 82.77 | 81.74 | 82.7 |
| MW-15 (B) | 59.26 | 54.35 | 61.89 | 52.85 | 61.74 | 54.7 | 60.4 | 60.1 | 62.56 | 57.88 |
| MW-16 (B) | 66.12 | 63.99 | 67.78 | 63.03 | 67.85 | 64.11 | 66.77 | 66.41 | 74.8 | 64.83 |
| MW-17 | 59 | 58.46 | 58.96 | 57.9 | 59.36 | 58.38 | 58.96 | 58.89 | 60.26 | 58.96 |
| MW-18 | 73.2 | 72.84 | 72.7 | 71.85 | 73.08 | 71.91 | 72.53 | 72.95 | 73.26 | 73.05 |
| MW-19 | | DRY | DRY | DRY | DRY | 47.11 | Dry | 47.13 | DRY | 47.13 |
| MW-20 | | | | | | | | | | |
| MW-21 | 62.63 | 63.12 | 62.65 | 62.65 | 62.63 | 62.43 | 62.31 | 63.31 | 62.36 | 62.85 |
| MW-22 | 68.59 | 68.94 | 68.6 | 68.51 | 68.44 | 68.29 | 68.26 | 68.88 | 68.44 | 68.74 |
| MW-23 (B) | 36.62 | 34.82 | 34.76 | 34.82 | 39.14 | 35.06 | 38.38 | 38.08 | 42.22 | 36.96 |
| MW-24* | -10.23 | -10.12 | -10.35 | -10.35 | -10.45 | -11.12 | -10.5 | -10.44 | -10.4 | -10.36 |
| PZ-01 | 60.35 | 60.53 | 60.32 | 59.99 | 60.49 | 60.03 | 60.37 | 60.27 | 61.85 | 60.27 |
| PZ-02 | 60.09 | 60.36 | 60.12 | 59.81 | 60.3 | 59.86 | 60.18 | 60.1 | 61.61 | 60.11 |
| RW-01 | | | | | | | | | | |
| RW-02 (B) | | | | | | | | | | |
| SUMP | | | | | | | | | | |

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

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

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

| Sample Date | August-89 | December-89 | May-90 | May-92 | July-94 | October-94 | February-95 | April-95 | July-95 | | |
|-------------|--|-----------------------|-----------------------|---------------------|-----------------|-----------------|-----------------|-----------------|-----------------|--|--|
| | Trichloroethene | Trichloroethene | Trichloroethene | Trichloroethene | Trichloroethene | Trichloroethene | Trichloroethene | Trichloroethene | Trichloroethene | | |
| | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | | |
| Location ID | | | | | | | | | | | |
| MW-01 | 112 | ND | 2 | ND | | | | | | | |
| MW-02 | ND | ND | 1 | ND | | ND | ND | ND | ND | | |
| MW-03 | ND | ND | 440000 | 340000 | ND | NI | NI | NI | NI | | |
| MW-04 | | 7 | 43 | 6 | 270 | 23 | 13 | 16 | | | |
| MW-05 | | 340 | 344 | 110 | 330 | 410 | 290 | 280 | | | |
| MW-06 | | 700 | 454 | 510 | 390 | 360 | 330 | 280 | 270 | | |
| MW-07 | | ND | ND | ND | ND | ND | ND | ND | ND | | |
| MW-08 | | ND | ND | ND | | ND | ND | ND | ND | | |
| MW-09 | | 109 | 106 | 60 | 72 | 74 | 74 | 84 | 75 | | |
| MW-10 | | | | 4500 | 1600 | 1300 | 1400 | 1200 | 900 | | |
| MW-11 | | | | 5200 | 5500 | 5300 | 4300 | 3900 | 4000 | | |
| MW-12 | | | | 36 | 44 | 35 | 33 | 30 | 25 | | |
| MW-13 | | | | 110 | 740 | 510 | | | | | |
| MW-14 | | | | 67 | 150 | 120 | 79 | 95 | 140 | | |
| MW-15 | NI | NI | NI | NI | NI | 14 | 11 | 10 | 17 | | |
| MW-16 | NI | NI | NI | NI | NI | 6 | 17 | 7 | 18 | | |
| MW-17 | NI | NI | NI | NI | 260 | 140 | 200 | 130 | 160 | | |
| MW-18 | NI | NI | NI | NI | NI | NI | NI | NI | NI | | |
| MW-20 | NI | NI | NI | NI | NI | NI | NI | NI | NI | | |
| MW-21 | NI | NI | NI | NI | NI | NI | NI | NI | NI | | |
| MW-22 | NI | NI | NI | NI | NI | NI | NI | NI | NI | | |
| MW-23 | NI | NI | NI | NI | NI | NI | NI | NI | NI | | |
| MW-24 | NI | NI | NI | NI | NI | NI | NI | NI | NI | | |
| PZ-01 | NI | NI | NI | NI | NI | | | | 120 | | |
| PZ-02 | NI | NI | NI | NI | NI | | | 490 | 400 | | |
| Notes: | ND - Not detected above unknown MDL, U - Not detected above known MDL, Not analyzed, NI - Not installed at time of monitoring, AB - Well was abandoned. | | | | | | | | | | |
| | MW-01 through MW- | 16 installed during R | emedial Investigation | (Stearns & Wheler). | | | | | | | |
| | MW-03 removed as part of TCE Soils Interim Remedial Measure (IRM) completed in September 1994. Data was collected by Stearns & Wheler prior to 07/22/94. | | | | | | | | | | |
| | MW-04 and MW-20 were abandoned and replaced by MW-21 and MW-22 on 01/20/97. | | | | | | | | | | |
| | Data provided only for wells presently included in either the annual or semi-annual monitoring list of wells. | | | | | | | | | | |

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

| Sample Date | October-95 | January-96 | April-96 | May-96 | July-96 | October-96 | January-97 | April-97 | July-97 |
|-------------|----------------------|------------------|-------------------------|-----------------|----------------------|------------------------|----------------------|-----------------|-----------------|
| | Trichloroethene | Trichloroethene | Trichloroethene | Trichloroethene | Trichloroethene | Trichloroethene | Trichloroethene | Trichloroethene | Trichloroethene |
| | 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 | | | | | 1 U | | | |
| MW-03 | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| MW-04 | 15 | | | | | 62 | NI | NI | NI |
| MW-05 | | | | | | 180 | | | |
| MW-06 | 180 | 170 | 110 | | 98 | 71 | 75 | 52 | |
| MW-07 | ND | | | | | 1 U | | | |
| MW-08 | ND | | | | | 1 U | | | |
| MW-09 | 68 | 100 | 64 | | 65 | 50 | 95 | 83 | 66 |
| MW-10 | 890 | 900 | 820 | | 960 | 1700 | 1900 | 1200 | |
| MW-11 | 2600 | 2500 | 1500 | | 1400 | 1600 | 1500 | 800 | |
| MW-12 | 29 | | | | | 17 | | | |
| MW-13 | | | | | | 370 | | | |
| MW-14 | 78 | 84 | 250 | | 230 | 170 | 390 | 400 | 260 |
| MW-15 | 7 | | | | | 20 | | | |
| MW-16 | 20 | | | | | 11 | | | |
| MW-17 | | 180 | 350 | | 460 | 300 | 450 | 220 | 150 |
| MW-18 | NI | NI | NI | 1200 | | 2900 | 850 | 410 | 1800 |
| MW-20 | NI | NI | NI | 70 | | | NI | NI | NI |
| MW-21 | NI | NI | NI | NI | NI | NI | 270 | 520 | 310 |
| MW-22 | NI | NI | NI | NI | NI | NI | 2 | 1 | 3 |
| MW-23 | NI | NI | NI | NI | NI | NI | NI | 1 U | 1 U |
| MW-24 | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| PZ-01 | | | | | | 32 | | | |
| PZ-02 | | | | | | 540 | | | |
| Notes: | ND - Not detected at | nove unknown MDI | II - Not detected above | e known MDL N | lot analyzed NL - No | t installed at time of | monitoring AB - Well | l was ahandoned | |

Notes:

ND - Not detected above unknown MDL, U - Not detected above known MDL, --- - Not analyzed, NI - Not installed at time of monitoring, AB - Well was abandoned. MW-01 through MW-16 installed during Remedial Investigation (Stearns & Wheler).

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

Data provided only for wells presently included in either the annual or semi-annual monitoring list of wells.

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

| Sample Date | | January-98 | April-98 | October-98 | November-98 | April-99 | October-99 | April-00 | November-00 |
|-------------|-----------------|-------------------|--------------------------|-----------------|-------------------|------------------------|-----------------|-----------------|-----------------|
| | Trichloroethene | Trichloroethene | Trichloroethene | Trichloroethene | Trichloroethene | Trichloroethene | Trichloroethene | Trichloroethene | Trichloroethene |
| | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L | ug/L |
| Location ID | | | | | | | | | |
| MW-01 | | | | | | | | | |
| MW-02 | 1 U | | | 1 U | | | 1 U | | 1 U |
| MW-03 | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| MW-04 | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| MW-05 | 220 | | | 200 | | | 78 | | 110 |
| MW-06 | 58 | | 140 | 92 | | 63 | 72 | 30 | 48 |
| MW-07 | 1 U | | | 1 U | | | 1 U | | |
| MW-08 | | | | 1 U | | | 1 U | | 1 U |
| MW-09 | 61 | 140 | 120 | 80 | | 120 | 46 | 69 | 60 |
| MW-10 | 1300 | | 930 | 880 | | 720 | 700 | 530 | 690 |
| MW-11 | 1600 | | 920 | 1100 | | 740 | 900 | 670 | 840 |
| MW-12 | 19 | | | 22 | | | 15 | | 17 |
| MW-13 | 760 | | | 480 | | | 430 | | 790 |
| MW-14 | 560 | 560 | 460 | 400 | | 460 | 260 | 250 | 280 |
| MW-15 | 18 | | | 21 | | | 13 | | 7 |
| MW-16 | 14 | | | 4 | | | 15 | | 3 |
| MW-17 | | 270 | 800 | 250 | | 280 | 180 | 160 | 220 |
| MW-18 | 3100 | 1000 | 1100 | 3600 | | 620 | 1800 | 360 | 1900 |
| MW-20 | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| MW-21 | 450 | 120 | 1300 | 180 | | 510 | 90 | 42 | 73 |
| MW-22 | 8 | 5 | 10 | 14 | | 10 | 9 | 13 | 12 |
| MW-23 | 1 U | 1 U | | 1 U | | | 1 U | | 1 U |
| MW-24 | NI | NI | NI | NI | 6000 | 4300 | 4300 | 690 | 2400 |
| PZ-01 | 48 | | | 85 | | | 410 | | 29 |
| PZ-02 | 420 | | | 250 | | | 18 | | 160 |
| lotoo: | NID NEL LELECTE | hava unknavan MDI | II. Nich delected a leaf | L MDI I | total and All All | t installed at time of | | | |

Notes:

ND - Not detected above unknown MDL, U - Not detected above known MDL, --- - Not analyzed, NI - Not installed at time of monitoring, AB - Well was abandoned. MW-01 through MW-16 installed during Remedial Investigation (Stearns & Wheler).

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

Data provided only for wells presently included in either the annual or semi-annual monitoring list of wells.

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

| Location ID MW-01 MW-02 MW-03 | Trichloroethene ug/L | Trichloroethene ug/L | Trichloroethene ug/L | Trichloroethene ug/L | Trichloroethene ug/L | Trichloroethene ug/L | Trichloroethene | Trichloroethene | Trichloroethene |
|--|----------------------|----------------------|-------------------------|-------------------------|-------------------------|-------------------------|-----------------|-----------------|-----------------|
| MW-01 MW-02 | | | | ug/L | ug/L | ua/l | /1 | | |
| MW-01 MW-02 | | 1 U | | | | ug/ L | ug/L | ug/L | ug/L |
| MW-02 | | 1 U | | | | | | | |
| - | | | | | | | | | |
| /4/V/~U3 | | 1 U | | | | | | | |
| VIVV-03 | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| MW-04 | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| MW-05 | | 120 | | | 100 | | 110 | | 98 |
| MW-06 | 89 | 92 | | | 92 | | 110 | | |
| MW-07 | | 1 U | | | | | | | |
| MW-08 | | 1 U | | | | | | | |
| MW-09 | 70 | 77 | | | 67 | | 110 | | |
| MW-10 | 600 | 900 | 740 | | 700 | 530 | 570 | 470 | |
| MW-11 | 680 | 1000 | 870 | | 760 | 940 | 620 | 490 | |
| MW-12 | | 19 | | | 18 | | 20 | | 21 |
| MW-13 | | 520 | | 360 | 370 | | | | |
| MW-14 | 270 | 240 | | | 200 | 310 | 190 | | 200 |
| MW-15 | | 27 | | | 21 | | 26 | | 2.1 |
| MW-16 | | 3 | | | 1 | | 3 | | 2.1 |
| MW-17 | 240 | 230 | | | 290 | | 310 | | 140 |
| MW-18 | 970 | 2000 | 350 | | 2500 | 2100 | 2300 | 1600 | |
| MW-20 | NI | NI | NI | NI | NI | NI | NI | NI | NI |
| MW-21 | 35 | 38 | | | | | 12 | | 4.9 |
| MW-22 | 13 | 13 | | | 4 | | 18 | | 18 |
| MW-23 | | 1 U | | | | | | | |
| MW-24 | 600 | 1500 | | 470 | | 390 | 190 | 170 | 96 |
| PZ-01 | | 79 | | | 79 | | 92 | | 120 |
| PZ-02 | | 260 | | | 160 | | 150 | | 130 |

Notes:

ND - Not detected above unknown MDL, U - Not detected above known MDL, --- - Not analyzed, NI - Not installed at time of monitoring, AB - Well was abandoned. MW-01 through MW-16 installed during Remedial Investigation (Stearns & Wheler).

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

Data provided only for wells presently included in either the annual or semi-annual monitoring list of wells.

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

| Sample Date | April-05 | November-05 | April-06 | January-07 | February-07 | May-07 | November-07 | May-08 | November-08 | | |
|-------------|---|-------------------------|-----------------------|----------------------|-------------------|------------------------|-----------------------|-----------------|-----------------|--|--|
| | Trichloroethene | Trichloroethene | Trichloroethene | Trichloroethene | Trichloroethene | Trichloroethene | Trichloroethene | Trichloroethene | Trichloroethene | | |
| | UG/L | ug/l | ug/l | ug/l | ug/l | ug/l | ug/l | ug/l | ug/l | | |
| Location ID | | | - | | | - | | | | | |
| MW-01 | | | | | | | | | | | |
| MW-02 | | | | | | | | | | | |
| MW-03 | NI | NI | NI | NI | NI | NI | NI | NI | NI | | |
| MW-04 | NI | NI | NI | NI | NI | NI | NI | NI | NI | | |
| MW-05 | | 75.0 | | 75.2 | | | 88 | | 84.6 | | |
| MW-06 | | | | 142 | | | 120 | | 84.1 | | |
| MW-07 | | | | | | | | | | | |
| MW-08 | | | | | | | | | | | |
| MW-09 | | 83.3 | | 86.9 | | | 88 | | 77.2 | | |
| MW-10 | 450 | | 486 | | 448 | 448 | 440 | 476 | 126 | | |
| MW-11 | 390 | | 469 | | 407 | 390 | 380 | 293 | 746 | | |
| MW-12 | | 19.6 | | 23 | | 24 | 38 | | 24.3 | | |
| MW-13 | 200 | | 265 | | 265 | 282 | 310 | 251 | | | |
| MW-14 | | 127 | | 270 | | | 380 | | 484 | | |
| MW-15 | | 0.50 U | | 0.54 | | | 0.82 | | 0.5 U | | |
| MW-16 | | 2.25 | | 1.82 | | | 2.1 | | 3.21 | | |
| MW-17 | | | | 132 | | | 240 | | 210 | | |
| MW-18 | 1300 | | 1490 | | 763 | 1590 | 1800 | 1160 | 1840 | | |
| MW-20 | NI | NI | NI | NI | NI | NI | NI | NI | NI | | |
| MW-21 | | 10.6 | | 6.17 | | | 7.2 | | 12.2 | | |
| MW-22 | | 15.8 | | 13.5 | | | 27 | | 28.9 | | |
| MW-23 | | | | | | | | | | | |
| MW-24 | 64 | 124 | 70.6 | 100 | | 197 | 210 | 159 | 452 | | |
| PZ-01 | | 103 | | 132 | | | 100 | | 48.4 | | |
| PZ-02 | | 118 | | 125 | | | 110 | | 116 | | |
| Notes: | ND - Not detected above unknown MDL, U - Not detected above known MDL, Not analyzed, NI - Not installed at time of monitoring, AB - Well was abandoned. | | | | | | | | | | |
| | MW-01 through MW- | -16 installed during Re | emedial Investigation | (Stearns & Wheler). | | | | | | | |
| | MW-03 removed as | part of TCE Soils Inte | erim Remedial Measur | e (IRM) completed in | September 1994. D | ata was collected by S | Stearns & Wheler pric | or to 07/22/94. | | | |
| | ww-04 and MW-20 were abandoned and replaced by MW-21 and MW-22 on 01/20/97. | | | | | | | | | | |
| | Data provided only for wells presently included in either the annual or semi-annual monitoring list of wells. | | | | | | | | | | |

I:\Obg-Lim.3902\45845.Itt-Acc-Die-O-A\Docs\4Q11\4Q11_Table_3_GW_TCE_Concentrations.xls

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

| 0 l - D - (- | A ===21 000 | Nissandar 00 | A = = 11 4 O | Name and a second | Na 44 | New yellow 44 | | | |
|---------------|---|------------------------|--------------------|-------------------|---------------|---|----|--|--|
| Sample Date | April-09 | November-09 | April-10 | November-10 | May-11 | November-11 | | | |
| | Trichloroethene | | Trichloroethene | | | Trichloroethene | | | |
| L ID | ug/l | ug/l | ug/l | ug/l | ug/l | ug/l | | | |
| Location ID | | | | | | | | | |
| MW-01 | | | | | | | | | |
| MW-02 | | | | | | | | | |
| MW-03 | NI | NI | NI | NI | NI | NI | | | |
| MW-04 | NI | NI | NI | NI | NI | NI | | | |
| MW-05 | | 77.8 | | 82 | | 73.1 | | | |
| MW-06 | | 75.8 | | 83.8 | | 52.6 | | | |
| MW-07 | | | | | | | | | |
| MW-08 | | | | | | | | | |
| MW-09 | | 71.2 | | 62 | | 52.6 | | | |
| MW-10 | 329 | 285 | 369 | 395 | 416 | 169 | | | |
| MW-11 | 260 | 452 | 379 | 406 | 255 | 926 | | | |
| MW-12 | | 16.5 | | 19.5 | | 21.9 | | | |
| MW-13 | | | 208 | 262 | | 278 | | | |
| MW-14 | | 426 | | 438 | | 17.8 | | | |
| MW-15 | | 0.65 | | 22.9 | | 0.5 U | | | |
| MW-16 | | 1.96 | | 1.69 | | 1.53 | | | |
| MW-17 | | 190 | | 79.6 | | 496 | | | |
| MW-18 | 1160 | 1290 | 609 | 1300 | 1460 | 1190 | | | |
| MW-20 | NI | NI | NI | NI | NI | NI | | | |
| MW-21 | | 12.3 | | 6.1 | | 6.76 | | | |
| MW-22 | | 19 | | 19.4 | | 23.6 | | | |
| MW-23 | | | | | | | | | |
| MW-24 | 118 | | 193 | 331 | 62.1 | 246 | | | |
| PZ-01 | | 50.9 | | 95 | | 94.2 | | | |
| PZ-02 | | 101 | | 100 | | 96.6 | | | |
| Notes: | ND - Not detected a | above unknown MDL | , U - Not detected | above known MDL, | Not analyzed, | II - Not installed at time of monitoring, AB - Well was abandoned | d. | | |
| | MW-01 through MW-16 installed during Remedial Investigation (Stearns & Wheler). | | | | | | | | |
| | • | | • | | • | 94. Data was collected by Stearns & Wheler prior to 07/22/94. | | | |
| | | were abandoned ar | | | | , | | | |
| | | for wells presently in | | | | f wells. | | | |
| 1 | = = = = = = = = = = = = = = = = = = = | procontry ii | | 001111 01111 | morning not | | | | |

| | Chemical Name | cis-1,2-Dichloroethene | Tetrachloroethene | Toluene | trans-1,2-Dichloroethene |
|-------------|---------------|------------------------|-------------------|---------|--------------------------|
| Location ID | Sample Date | ug/l | ug/l | ug/l | ug/l |
| MW-01 | 11/8/2001 | 1 U | 1 U | 1 U | 1 U |
| MW-02 | 10/22/1996 | 1 U | 1 U | 1 U | 1 U |
| MW-02 | 10/22/1997 | 1 U | 1 U | 1 U | 1 U |
| MW-02 | 10/21/1998 | 1 U | 1 U | 1 U | 1 U |
| MW-02 | 10/19/1999 | 1 U | 1 U | 1 U | 1 U |
| MW-02 | 11/9/2000 | 1 U | 1 U | 1 U | 1 U |
| MW-02 | 11/10/2001 | 1 U | 1 U | 1 U | 1 U |
| MW-04 | 10/22/1996 | 12 | 1 U | 1 U | 1 U |
| MW-05 | 10/21/1996 | 10 U | 10 U | 10 U | 10 U |
| MW-05 | 10/22/1997 | 10 U | 10 U | 10 U | 10 U |
| MW-05 | 10/20/1998 | 10 U | 10 U | 10 U | 10 U |
| MW-05 | 10/19/1999 | 10 U | 10 U | 10 U | 10 U |
| MW-05 | 11/8/2000 | 5 U | 5 U | 5 U | 5 U |
| MW-05 | 11/9/2001 | 5 U | 5 U | 5 U | 5 U |
| MW-05 | 10/10/2002 | 5 U | 5 U | 5 U | 5 U |
| MW-05 | 12/8/2003 | 5 U | 5 U | 5 U | 5 U |
| MW-05 | 12/28/2004 | 2.5 U | 2.7 | 2.5 U | 2.5 U |
| MW-05 | 11/9/2005 | 2.50 U | 2.50 U | 2.50 U | 2.50 U |
| MW-05 | 1/2/2007 | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| MW-05 | 11/29/2007 | 0.5 U | 2.5 | 0.5 U | 0.5 U |
| MW-05 | 11/1/2008 | 1.52 | 1.95 | 0.5 U | 0.5 U |
| MW-05 | 11/20/2009 | 1.15 | 2.25 | 0.5 U | 0.5 U |
| MW-05 | 11/17/2010 | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| MW-05 | 11/29/2011 | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| MW-06 | 1/17/1996 | | 5 U | 5 U | |
| MW-06 | 4/10/1996 | | 5 U | 5 U | |
| MW-06 | 7/16/1996 | 5 U | 5 U | 5 U | 5 U |
| MW-06 | 10/22/1996 | 2 U | 2 U | 2 U | 2 U |
| MW-06 | 1/16/1997 | 1 U | 1 U | 1 U | 1 U |
| MW-06 | 4/15/1997 | 1 U | 1 U | 1 U | 1 U |
| MW-06 | 10/23/1997 | 1 U | 1 U | 1 U | 1 U |
| MW-06 | 4/15/1998 | 5 U | 5 U | 5 U | 5 U |
| MW-06 | 10/20/1998 | 2 U | 2 U | 2 U | 2 U |
| MW-06 | 4/29/1999 | 2 U | 2 U | 2 U | 2 U |
| MW-06 | 10/19/1999 | 2 U | 2 U | 2 U | 2 U |
| MW-06 | 4/6/2000 | 1 U | 1 U | 1 U | 1 U |
| MW-06 | 11/8/2000 | 1 U | 1 U | 1 U | 1 U |
| MW-06 | 7/3/2001 | 2 U | 2 U | 2 U | 2 U |
| MW-06 | 11/9/2001 | 2 U | 2 U | 2 U | 2 U |
| MW-06 | 10/10/2002 | 2 U | 2 U | 2 U | 2 U |
| MW-06 | 12/8/2003 | 5 U | 5 U | 5 U | 5 U |
| MW-06 | 1/2/2007 | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| MW-06 | 11/29/2007 | 0.65 | 0.5 U | 0.5 U | 0.5 U |
| MW-06 | 11/1/2008 | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| MW-06 | 11/20/2009 | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| MW-06 | 11/23/2010 | 1 U | 1 U | 1 U | 1 U |
| MW-06 | 11/29/2011 | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| MW-07 | 10/21/1996 | 1 U | 1 U | 1 U | 1 U |
| MW-07 | 10/22/1997 | 1 U | 1 U | 1 U | 1 U |
| MW-07 | 10/20/1998 | 1 U | 1 U | 1 U | 1 U |
| MW-07 | 10/19/1999 | 1 U | 1 U | 1 U | 1 U |
| MW-07 | 11/9/2001 | 1 U | 1 U | 1 U | 1 U |
| MW-08 | 10/22/1996 | 1 U | 1 U | 1 U | 1 U |
| MW-08 | 10/21/1998 | 1 U | 1 U | 1 U | 1 U |
| MW-08 | 10/19/1999 | 1 U | 1 U | 1 U | 1 U |
| MW-08 | 11/7/2000 | 1 U | 1 U | 1 U | 1 U |
| MW-08 | 11/8/2001 | 1 U | 1 U | 1 U | 1 U |

| | Chemical Name | cis-1,2-Dichloroethene | Tetrachloroethene | Toluene | trans-1,2-Dichloroethene |
|-------------|---------------|------------------------|-------------------|---------|--------------------------|
| Location ID | Sample Date | ug/l | ug/l | ug/l | ug/l |
| MW-09 | 1/17/1996 | | 5 U | 5 U | |
| MW-09 | 4/10/1996 | | 1 U | 1 U | |
| MW-09 | 7/16/1996 | 1 U | 1 U | 1 U | 1 U |
| MW-09 | 10/21/1996 | 1 U | 1 U | 1 U | 1 U |
| MW-09 | 1/16/1997 | 5 U | 5 U | 5 U | 5 U |
| MW-09 | 4/15/1997 | 2 U | 2 U | 2 U | 2 U |
| MW-09 | 7/8/1997 | 5 U | 5 U | 5 U | 5 U |
| MW-09 | 10/22/1997 | 5 U | 5 U | 5 U | 5 U |
| MW-09 | 1/29/1998 | 5 U | 5 U | 5 U | 5 U |
| MW-09 | 4/15/1998 | 5 U | 5 U | 5 U | 5 U |
| MW-09 | 10/20/1998 | 2 U | 2 U | 2 U | 2 U |
| MW-09 | 4/29/1999 | 2 U | 2 U | 2 U | 2 U |
| MW-09 | 10/19/1999 | 5 U | 5 U | 5 U | 5 U |
| MW-09 | 4/6/2000 | 2 U | 2 U | 2 U | 2 U |
| MW-09 | 11/8/2000 | 2 U | 2 U | 2 U | 2 U |
| MW-09 | 7/3/2001 | 2 U | 2 U | 2 U | 2 U |
| MW-09 | 11/10/2001 | 2 U | 2 U | 2 U | 2 U |
| MW-09 | 10/11/2002 | 2 U | 2 U | 2 U | 2 U |
| MW-09 | 12/8/2003 | 2 U | 2 U | 2 U | 2 U |
| MW-09 | 11/9/2005 | 2.50 U | 2.50 U | 2.50 U | 2.50 U |
| MW-09 | 1/2/2007 | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| MW-09 | 11/29/2007 | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| MW-09 | 11/1/2008 | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| MW-09 | 11/20/2009 | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| MW-09 | 11/17/2010 | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| MW-09 | 11/29/2011 | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| MW-10 | 1/17/1996 | 2.5 0 | 2.5 U | 2.5 U | |
| MW-10 | 4/10/1996 | | 50 U | 50 U | |
| MW-10 | 7/16/1996 | 50 U | 50 U | 50 U | 50 U |
| MW-10 | 10/22/1996 | 50 U | 50 U | 50 U | 50 U |
| MW-10 | 1/16/1997 | 100 U | 100 U | 100 U | 100 U |
| MW-10 | 4/16/1997 | 100 U | 100 U | 100 U | 100 U |
| MW-10 | 10/23/1997 | 50 U | 50 U | 50 U | 50 U |
| MW-10 | 4/15/1998 | 50 U | 50 U | 50 U | 50 U |
| MW-10 | | 50 U | 50 U | 50 U | |
| MW-10 | 10/21/1998 | | | | 50 U |
| MW-10 | 4/29/1999 | 25 U | 25 U 25 U | 25 U | 25 U 25 U |
| | 10/20/1999 | 25 U | | 25 U | |
| MW-10 | 4/6/2000 | 20 U | 20 U | 20 U | 20 U |
| MW-10 | 11/8/2000 | 20 U | 20 U | 20 U | 20 U |
| MW-10 | 7/3/2001 | 20 U | 20 U | 20 U | 20 U |
| MW-10 | 11/10/2001 | 20 U | 20 U | 20 U | 20 U |
| MW-10 | 4/3/2002 | 20 U | 20 U | 20 U | 20 U |
| MW-10 | 10/10/2002 | 20 U | 20 U | 20 U | 20 U |
| MW-10 | 5/1/2003 | 20 U | 20 U | 20 U | 20 U |
| MW-10 | 12/8/2003 | 20 U | 20 U | 20 U | 20 U |
| MW-10 | 7/19/2004 | 10 U | 10 U | 10 U | 10 U |
| MW-10 | 4/8/2005 | 0.50 U | 0.50 U | 0.50 U | 0.50 U |
| MW-10 | 4/21/2006 | 10 U | 10 U | 10 U | 10 U |
| MW-10 | 2/7/2007 | 10 U | 10 U | 10 U | 10 U |
| MW-10 | 5/31/2007 | 10 U | 10 U | 10 U | 10 U |
| MW-10 | 11/29/2007 | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| MW-10 | 5/1/2008 | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| MW-10 | 11/1/2008 | 5 U | 5 U | 5 U | 5 U |
| MW-10 | 4/22/2009 | 10 U | 10 U | 10 U | 10 U |
| MW-10 | 11/20/2009 | 10 U | 10 U | 10 U | 10 U |
| MW-10 | 4/30/2010 | 10 U | 10 U | 10 U | 10 U |
| MW-10 | 11/17/2010 | 10 U | 10 U | 10 U | 10 U |
| MW-10 | 5/12/2011 | 10 U | 10 U | 10 U | 10 U |
| MW-10 | 11/29/2011 | 10 U | 10 U | 10 U | 10 U |

| Location ID MW-11 | Sample Date 1/17/1996 4/10/1996 7/16/1996 10/22/1996 1/16/1997 4/15/1997 10/23/1997 4/15/1998 10/21/1998 4/29/1999 10/19/1999 4/6/2000 11/9/2000 7/3/2001 11/9/2001 4/3/2002 10/10/2002 | cis-1,2-Dichloroethene ug/l 100 U 100 U 100 U 50 U 50 U 50 U 50 U 50 U 50 U 20 U 20 U | Tetrachloroethene ug/l 100 U 100 U 100 U 100 U 100 U 100 U 50 U 50 U 50 U 50 U 50 U 25 U 20 U | Toluene ug/l 100 U 100 U 100 U 100 U 50 U 50 U 50 U 50 U 50 U 50 U | trans-1,2-Dichloroethene ug/I 100 U 100 U 100 U 100 U 50 U |
|--|---|---|--|---|--|
| MW-11 | 1/17/1996 4/10/1996 7/16/1996 10/22/1996 1/16/1997 4/15/1997 10/23/1997 4/15/1998 10/21/1998 4/29/1999 10/19/1999 4/6/2000 11/9/2000 7/3/2001 11/9/2001 4/3/2002 | 50 U 50 U 50 U 50 U 50 U 50 U 50 U 50 U | 100 U 100 U 100 U 100 U 100 U 50 U 50 U 50 U 50 U 50 U 25 U | 100 U 100 U 100 U 100 U 100 U 100 U 50 U 50 U 50 U 50 U 50 U 50 U | 50 U 50 U |
| MW-11 | 7/16/1996 10/22/1996 1/16/1997 4/15/1997 10/23/1997 4/15/1998 10/21/1998 4/29/1999 10/19/1999 4/6/2000 11/9/2000 7/3/2001 11/9/2001 4/3/2002 | 100 U 100 U 100 U 50 U 50 U 50 U 50 U 50 U 25 U 20 U 20 U | 100 U 100 U 100 U 50 U 50 U 50 U 50 U 50 U 25 U 20 U | 100 U 100 U 100 U 50 U 50 U 50 U 50 U 50 U 25 U | 100 U 100 U 100 U 50 U 50 U 50 U 50 U 50 U |
| MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 | 10/22/1996 1/16/1997 4/15/1997 10/23/1997 4/15/1998 10/21/1998 4/29/1999 10/19/1999 4/6/2000 11/9/2000 7/3/2001 11/9/2001 4/3/2002 | 100 U 100 U 50 U 50 U 50 U 50 U 50 U 25 U 20 U 20 U | 100 U 100 U 50 U 50 U 50 U 50 U 50 U 25 U 20 U | 100 U 100 U 50 U 50 U 50 U 50 U 50 U 25 U | 100 U 100 U 50 U 50 U 50 U 50 U 50 U |
| MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 | 1/16/1997 4/15/1997 10/23/1997 4/15/1998 10/21/1998 4/29/1999 10/19/1999 4/6/2000 11/9/2000 7/3/2001 11/9/2001 4/3/2002 | 100 U 50 U 50 U 50 U 50 U 50 U 25 U 20 U 20 U | 100 U 50 U 50 U 50 U 50 U 50 U 25 U 20 U | 100 U 50 U 50 U 50 U 50 U 50 U 25 U | 100 U 50 U 50 U 50 U 50 U 50 U |
| MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 | 4/15/1997 10/23/1997 4/15/1998 10/21/1998 4/29/1999 10/19/1999 4/6/2000 11/9/2000 7/3/2001 11/9/2001 4/3/2002 | 50 U 50 U 50 U 50 U 50 U 25 U 20 U 20 U 20 U | 50 U 50 U 50 U 50 U 50 U 25 U 20 U | 50 U 50 U 50 U 50 U 50 U 25 U | 50 U 50 U 50 U 50 U 50 U |
| MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 | 10/23/1997 4/15/1998 10/21/1998 4/29/1999 10/19/1999 4/6/2000 11/9/2000 7/3/2001 11/9/2001 4/3/2002 | 50 U 50 U 50 U 50 U 25 U 20 U 20 U 20 U | 50 U 50 U 50 U 50 U 25 U 20 U | 50 U 50 U 50 U 50 U 25 U | 50 U 50 U 50 U 50 U |
| MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 | 4/15/1998 10/21/1998 4/29/1999 10/19/1999 4/6/2000 11/9/2000 7/3/2001 11/9/2001 4/3/2002 | 50 U 50 U 50 U 25 U 20 U 20 U 20 U | 50 U 50 U 50 U 25 U 20 U | 50 U 50 U 50 U 25 U | 50 U 50 U 50 U |
| MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 | 10/21/1998 4/29/1999 10/19/1999 4/6/2000 11/9/2000 7/3/2001 11/9/2001 4/3/2002 | 50 U 50 U 25 U 20 U 20 U 20 U | 50 U 50 U 25 U 20 U | 50 U 50 U 25 U | 50 U 50 U |
| MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 | 4/29/1999 10/19/1999 4/6/2000 11/9/2000 7/3/2001 11/9/2001 4/3/2002 | 50 U 25 U 20 U 20 U 20 U | 50 U 25 U 20 U | 50 U 25 U | 50 U |
| MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 | 10/19/1999 4/6/2000 11/9/2000 7/3/2001 11/9/2001 4/3/2002 | 25 U 20 U 20 U 20 U 20 U | 25 U 20 U | 25 U | |
| MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 | 4/6/2000 11/9/2000 7/3/2001 11/9/2001 4/3/2002 | 20 U 20 U 20 U | 20 U | | |
| MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 | 11/9/2000 7/3/2001 11/9/2001 4/3/2002 | 20 U 20 U | | | 20 U |
| MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 | 7/3/2001 11/9/2001 4/3/2002 | 20 U | | 20 U 20 U | 20 U |
| MW-11 MW-11 MW-11 MW-11 MW-11 MW-11 | 11/9/2001 4/3/2002 | | 20 U | 20 U | 20 U |
| MW-11 MW-11 MW-11 MW-11 MW-11 | 4/3/2002 | 20 U | 20 U | 20 U | 20 U |
| MW-11 MW-11 MW-11 MW-11 | | 20 U | 20 U | 20 U | 20 U |
| MW-11 MW-11 MW-11 | | 20 U | 20 U | 20 U | 20 U |
| MW-11 | 5/1/2003 | 20 U | 20 U | 20 U | 20 U |
| | 12/8/2003 | 50 U | 50 U | 50 U | 50 U |
| 4 | 7/19/2004 | 10 U | 10 U | 10 U | 10 U |
| MW-11 | 4/8/2005 | 1.1 | 0.50 J | 0.50 U | 0.50 U |
| MW-11 | 4/21/2006 | 10 U | 10 U | 10 U | 10 U |
| MW-11 | 2/7/2007 | 5 U | 5 U | 5 U | 5 U |
| MW-11 | 5/31/2007 | 5 U | 5 U | 5 U | 5 U |
| MW-11 | 11/29/2007 | 1.2 | 0.5 U | 0.5 U | 0.5 U |
| MW-11 | 5/1/2008 | 0.65 | 0.5 U | 0.5 U | 0.5 U |
| MW-11 | 11/1/2008 | 10 U | 10 U | 10 U | 10 U |
| MW-11 | 4/22/2009 | 10 U | 10 U | 10 U | 10 U |
| MW-11 MW-11 | 11/20/2009 4/30/2010 | 10 U | 10 U | 10 U | 10 U |
| MW-11 | 11/17/2010 | 10 U 10 U | 10 U 10 U | 10 U 10 U | 10 U 10 U |
| MW-11 | 5/21/2011 | 10 U | 10 U | 10 U | 10 U |
| MW-11 | 11/29/2011 | 10 U | 10 U | 10 U | 10 U |
| MW-12 | 10/21/1996 | 1 U | 1 U | 1 U | 1 U |
| MW-12 | 10/22/1997 | 1 U | 1 U | 1 U | 1 U |
| MW-12 | 10/20/1998 | 1 U | 1 U | 1 U | 1 U |
| MW-12 | 10/19/1999 | 1 U | 1 U | 1 U | 1 U |
| MW-12 | 11/8/2000 | 1 U | 1 U | 1 U | 1 U |
| MW-12 | 11/9/2001 | 1 U | 1 U | 1 U | 1 U |
| MW-12 | 10/10/2002 | 1 U | 1 U | 2 | 1 U |
| MW-12 | 12/8/2003 | 1 U | 1 U | 1 U | 1 U |
| MW-12 | 12/28/2004 | 0.50 U | 0.50 U | 0.50 U | 0.50 U |
| MW-12 | 11/9/2005 | 0.50 U | 0.50 U | 0.50 U | 0.50 U |
| MW-12 | 1/2/2007 | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| MW-12 | 5/31/2007 | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| MW-12 | 11/29/2007 | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| MW-12 MW-12 | 11/1/2008 | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| MW-12 MW-12 | 11/20/2009 11/17/2010 | 0.5 U 0.5 U | 0.5 U 0.5 U | 0.5 U 0.5 U | 0.5 U 0.5 U |
| MW-12 | 11/29/2011 | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| MW-13 | 10/24/1996 | 10 U | 10 U | 10 U | 10 U |
| MW-13 | 10/23/1997 | 50 U | 50 U | 50 U | 50 U |
| MW-13 | 10/21/1998 | 25 U | 25 U | 25 U | 25 U |
| MW-13 | 10/20/1999 | 20 U | 20 U | 20 U | 20 U |
| MW-13 | 11/9/2000 | 20 U | 20 U | 20 U | 20 U |
| MW-13 | 11/8/2001 | 20 U | 20 U | 20 U | 20 U |
| MW-13 | 6/11/2002 | 20 U | 20 U | 20 U | 20 U |
| MW-13 | 10/11/2002 | 20 U | 20 U | 20 U | 20 U |
| MW-13 | 4/8/2005 | 0.50 U | 0.50 U | 0.50 U | 0.50 U |
| MW-13 | 4/21/2006 | 5 U | 5 U | 5 U | 5 U |
| MW-13 | 2/7/2007 | 5 U | 5 U | 5 U | 5 U |
| MW-13 | 5/31/2007 | 5 U | 5 U | 5 U | 5 U |
| MW-13 | 11/29/2007 | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| MW-13 | 5/1/2008 | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| MW-13 | 11/1/2008 | NS 5.11 | NS 5.11 | NS | NS E I I |
| MW-13 MW-13 | 4/30/2010 | 5 U | 5 U | 5 U | 5 U |
| MW-13 | 11/17/2010 11/29/2011 | 5 U 5 U | 5 U 5 U | 5 U 5 U | 5 U 5 U |

| | Chemical Name | cis-1,2-Dichloroethene | Tetrachloroethene | Toluene | trans-1,2-Dichloroethene |
|----------------|-------------------------|------------------------|-------------------|--------------|--------------------------|
| Location ID | Sample Date | ug/l | ug/l | ug/l | ug/l |
| MW-14 | 1/17/1996 | | 5 U | 5 U | |
| MW-14 | 4/10/1996 | | 5 U | 5 U | |
| MW-14 | 7/16/1996 | 10 U | 10 U | 10 U | 10 U |
| MW-14 | 10/22/1996 | 5 U | 5 U | 5 U | 5 U |
| MW-14 | 1/16/1997 | 10 U | 10 U | 10 U | 10 U |
| MW-14 | 4/16/1997 | 10 U | 10 U | 10 U | 10 U |
| MW-14 | 7/8/1997 | 10 U | 10 U | 10 U | 10 U |
| MW-14 | 10/23/1997 | 10 U | 10 U | 10 U | 10 U |
| MW-14 | 1/29/1998 | 10 U | 10 U | 10 U | 10 U |
| MW-14 | 4/15/1998 | 10 U | 10 U | 10 U | 10 U |
| MW-14 | 10/21/1998 | 10 U | 10 U | 10 U | 10 U |
| MW-14 | 4/29/1999 | 10 U | 10 U | 10 U | 10 U |
| MW-14 | 10/20/1999 | 10 U | 10 U | 10 U | 10 U |
| MW-14 | 4/6/2000 | 5 U | 5 U | 5 U | 5 U |
| MW-14 MW-14 | 11/8/2000 | 5 U 5 U | 5 U | 5 U | 5 U |
| | 7/3/2001 | | 5 U | 5 U | 5 U |
| MW-14 MW-14 | 11/8/2001 10/11/2002 | 5 U 5 U | 5 U 5 U | 5 U 5 U | 5 U 5 U |
| MW-14 | 5/1/2003 | 5 U | 5 U | 5 U | 5 U |
| MW-14 | 12/8/2003 | 10 U | 10 U | 10 U | 10 U |
| MW-14 | 12/28/2004 | 5.0 U | 5.0 U | 5.0 U | 5.0 U |
| MW-14 | 11/9/2005 | 5.00 U | 5.00 U | 5.00 U | 5.00 U |
| MW-14 | 1/2/2007 | 5 U | 5 U | 5 U | 5 U |
| MW-14 | 11/29/2007 | 0.94 | 0.5 U | 0.5 U | 0.5 U |
| MW-14 | 11/1/2008 | 1 | 0.5 U | 0.5 U | 0.5 U |
| MW-14 | 11/20/2009 | 12.5 U | 12.5 U | 12.5 U | 12.5 U |
| MW-14 | 11/17/2010 | 10 U | 10 U | 10 U | 10 U |
| MW-14 | 11/29/2011 | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| MW-15 | 10/22/1996 | 1 U | 1 U | 1 U | 1 U |
| MW-15 | 10/22/1997 | 1 U | 1 U | 1 U | 1 U |
| MW-15 | 10/21/1998 | 1 U | 1 U | 1 U | 1 U |
| MW-15 | 10/19/1999 | 1 U | 1 U | 1 U | 1 U |
| MW-15 | 11/9/2000 | 1 U | 1 U | 1 U | 1 U |
| MW-15 | 11/8/2001 | 1 U | 1 U | 1 U | 1 U |
| MW-15 | 10/11/2002 | 1 U | 1 U | 1 U | 1 U |
| MW-15 | 12/8/2003 | 1 U | 1 U | 1 U | 1 U |
| MW-15 | 12/28/2004 | 0.50 U | 0.50 U | 0.50 U | 0.50 U |
| MW-15 | 11/9/2005 | 2.19 | 0.50 U | 0.50 U | 0.50 U |
| MW-15 | 1/2/2007 | 1.8 | 0.5 U | 0.5 U | 0.5 U |
| MW-15 | 11/29/2007 | 1.7 | 0.5 U | 0.5 U | 0.5 U |
| MW-15 | 11/1/2008 | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| MW-15 | 11/20/2009 | 0.71 | 0.5 U | 0.5 U | 0.5 U |
| MW-15 | 11/17/2010 | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| MW-15 MW-16 | 11/29/2011 | 0.5 U 1 U | 0.5 U 1 U | 0.5 U 1 U | 0.5 U 1 U |
| | 10/22/1996 | | | | |
| MW-16 | 10/22/1997 | 1 U | 1 U | 1 U | 1 U |
| MW-16 | 10/21/1998 | 1 U | 1 U | 1 U | 1 U |
| MW-16 | 10/19/1999 | 1 U | 1 U | 1 U | 1 U |
| MW-16 | 11/9/2000 | 1 U | 1 U | 1 U | 1 U |
| MW-16 | 11/8/2001 | 1 U | 1 U | 1 U | 1 U |
| MW-16 | 10/11/2002 | 1 U | 1 U | 1 U | 1 U |
| MW-16 | 12/8/2003 | 1 U | 1 U | 1 U | 1 U |
| MW-16 | 12/28/2004 | 0.50 U | 0.50 U | 0.50 U | 0.50 U |
| MW-16 | 11/9/2005 | 0.50 U | 0.50 U | 0.50 U | 0.50 U |
| MW-16 | 1/2/2007 | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| MW-16 | 11/29/2007 | | | 0.5 U | 0.5 U |
| | | 0.5 U | 0.5 U | | |
| MW-16 | 11/1/2008 | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| MW-16 | 11/20/2009 | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| MW-16 | 11/17/2010 | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| MW-16 | 11/29/2011 | 0.5 U | 0.5 U | 0.5 U | 0.5 U |

| | Chemical Name | cis-1,2-Dichloroethene | Tetrachloroethene | Toluene | trans-1,2-Dichloroethene |
|-------------|---------------|------------------------|-------------------|---------|--------------------------|
| Location ID | Sample Date | ug/l | ug/l | ug/l | ug/l |
| MW-17 | 1/17/1996 | | 5 U | 5 U | |
| MW-17 | 4/10/1996 | | 20 | 5 U | |
| MW-17 | 7/16/1996 | 10 U | 10 U | 10 U | 10 U |
| MW-17 | 10/22/1996 | 7 | 12 | 5 U | 5 U |
| MW-17 | 1/16/1997 | 10 U | 22 | 10 U | 10 U |
| MW-17 | 4/15/1997 | 10 U | 15 | 10 U | 10 U |
| MW-17 | 7/8/1997 | 10 U | 18 | 10 U | 10 U |
| MW-17 | 1/29/1998 | 10 U | 12 | 10 U | 10 U |
| MW-17 | 4/15/1998 | 50 U | 50 U | 50 U | 50 U |
| MW-17 | 10/20/1998 | 10 U | 17 | 10 U | 10 U |
| MW-17 | 4/29/1999 | 10 U | 23 | 10 U | 10 U |
| MW-17 | | 10 U | 10 U | 10 U | 10 U |
| | 10/19/1999 | | | | |
| MW-17 | 4/6/2000 | 10 U | 10 U | 10 U | 10 U |
| MW-17 | 11/9/2000 | 15 | 7 | 5 U | 5 U |
| MW-17 | 7/3/2001 | 10 | 7 | 5 U | 5 U |
| MW-17 | 11/10/2001 | 10 | 8 | 5 U | 5 U |
| MW-17 | 10/11/2002 | 22 | 5 U | 5 U | 5 U |
| MW-17 | 12/8/2003 | 10 U | 10 U | 10 U | 10 U |
| MW-17 | 12/28/2004 | 5.1 | 11 | 5.0 U | 5.0 U |
| MW-17 | 11/9/2005 | 17.9 | 9.50 | 2.50 U | 2.50 U |
| MW-17 | 1/2/2007 | 9.45 | 10.2 | 2.5 U | 2.5 U |
| MW-17 | 11/29/2007 | 22 | 6.9 | 0.5 U | 0.5 U |
| MW-17 | 11/1/2008 | 21.7 | 5.06 | 0.5 U | 0.5 U |
| MW-17 | 11/20/2009 | 11.6 | 6.1 | 5 U | 5 U |
| MW-17 | 11/17/2010 | 2.4 | 6.18 | 1.25 U | 1.25 U |
| MW-17 | 11/29/2011 | 20.2 | 19.7 | 5 U | 5 U |
| MW-18 | 5/29/1996 | 50 U | 50 U | 50 U | 50 U |
| MW-18 | 10/22/1996 | 81 | 50 U | 50 U | 50 U |
| MW-18 | 1/16/1997 | 100 U | 100 U | 100 U | 100 U |
| MW-18 | 4/16/1997 | 10 U | 10 U | 10 U | 10 U |
| MW-18 | 7/8/1997 | 66 | 50 U | 50 U | 50 U |
| MW-18 | 10/23/1997 | 100 U | 100 U | 100 U | 100 U |
| MW-18 | 1/29/1998 | 50 U | 50 U | 50 U | 50 U |
| MW-18 | 4/16/1998 | 50 U | 50 U | 50 U | 50 U |
| MW-18 | 10/21/1998 | 160 | 100 U | 100 U | 100 U |
| MW-18 | 4/29/1999 | 37 | 25 U | 25 U | 25 U |
| MW-18 | 10/19/1999 | 100 U | 100 U | 100 U | 100 U |
| MW-18 | 4/6/2000 | 14 | 10 U | 10 U | 10 U |
| MW-18 | 11/9/2000 | 100 | 50 U | 50 U | 50 U |
| MW-18 | 7/3/2001 | 50 U | 50 U | 50 U | 50 U |
| MW-18 | 11/10/2001 | 120 | 50 U | 50 U | 50 U |
| MW-18 | 4/4/2002 | 10 U | 10 U | 10 U | 10 U |
| MW-18 | 10/15/2002 | 310 | 50 U | 50 U | 50 U |
| MW-18 | 5/1/2003 | 130 | 50 U | 50 U | 50 U |
| MW-18 | 12/8/2003 | 100 U | 100 U | 100 U | 100 U |
| MW-18 | 7/19/2004 | 140 | 50 U | 50 U | 50 U |
| MW-18 | 4/8/2005 | 120 | 0.51 | 0.50 U | 0.86 |
| MW-18 | 4/21/2006 | 127 | 25 U | 25 U | 25 U |
| MW-18 | 2/7/2007 | 68.5 | 12.5 U | 12.5 U | 12.5 U |
| MW-18 | | 136 | 12.5 U | 12.5 U | 12.5 U |
| | 5/31/2007 | | | | |
| MW-18 | 11/29/2007 | 190 | 0.51 | 0.5 U | 0.86 |
| MW-18 | 5/1/2008 | 108 | 0.5 U | 0.5 U | 0.81 |
| MW-18 | 11/1/2008 | 148 70 5 | 25 U | 25 U | 25 U |
| MW-18 | 04/22/2009 | 79.5 | 25 U | 25 U | 25 U |
| MW-18 | 11/20/2009 | 125 | 25 U | 25 U | 25 U |
| MW-18 | 04/30/2010 | 38.5 | 25 U | 25 U | 25 U |
| MW-18 | 11/17/2010 | 99 | 25 U | 25 U | 25 U |
| MW-18 | 5/21/2011 | 73.5 | 25 U | 25 U | 25 U |
| MW-18 | 11/29/2011 | 109 | 25 U | 25 U | 25 U |

| | Chemical Name | cis-1,2-Dichloroethene | Tetrachloroethene | Toluene | trans-1,2-Dichloroethene |
|-------------|-------------------------|------------------------|-------------------|---------|--------------------------|
| Location ID | Sample Date | ug/l | ug/l | ug/l | ug/l |
| MW-20 | 5/24/1996 | 46 | 1 U | 1 U | 1 U |
| MW-21 | 1/21/1997 | 650 | 100 U | 100 U | 100 U |
| MW-21 | 4/16/1997 | 630 | 50 U | 50 U | 50 U |
| MW-21 | 7/8/1997 | 770 | 50 U | 50 U | 50 U |
| MW-21 | 10/23/1997 | 800 | 50 U | 50 U | 50 U |
| MW-21 | 1/29/1998 | 350 | 10 U | 10 U | 10 U |
| MW-21 | 4/16/1998 | 1400 | 50 U | 50 U | 50 U |
| MW-21 | 10/21/1998 | 340 | 50 U | 50 U | 50 U |
| MW-21 | | 2100 | | | |
| | 4/29/1999 | | 100 U | 100 U | 100 U |
| MW-21 | 10/19/1999 | 670 | 20 U | 20 U | 20 U |
| MW-21 | 4/6/2000 | 140 | 5 U | 5 U | 5 U |
| MW-21 | 11/7/2000 | 220 | 5 U | 5 U | 5 U |
| MW-21 | 7/3/2001 | 130 | 5 U | 5 U | 5 U |
| MW-21 | 11/10/2001 | 240 | 5 U | 5 U | 5 U |
| MW-21 | 12/8/2003 | 32 | 1 U | 1 U | 1 U |
| MW-21 | 12/28/2004 | 2.8 | 0.50 U | 0.50 U | 0.50 U |
| MW-21 | 11/9/2005 | 20.0 | 0.50 U | 0.50 U | 0.50 U |
| MW-21 | 1/2/2007 | 15.4 | 0.5 U | 0.5 U | 0.5 U |
| MW-21 | 11/29/2007 | 25 | 0.5 U | 0.5 U | 0.5 U |
| MW-21 | 11/1/2008 | 45.2 | 0.5 U | 0.5 U | 0.5 U |
| MW-21 | 11/20/2009 | 40.7 | 1 U | 1 U | 1 U |
| MW-21 | 11/17/2010 | 22.6 | 1 U | 1 U | 1 U |
| MW-21 | 11/29/2011 | 18.8 | 0.5 U | 0.5 U | 0.5 U |
| MW-22 | 1/21/1997 | 5 | 1 U | 1 U | 1 U |
| MW-22 | 4/16/1997 | 4 | 1 U | 1 U | 1 U |
| MW-22 | 7/8/1997 | 9 | 1 U | 1 U | 1 U |
| MW-22 | 10/23/1997 | 22 | 1 U | 1 U | 1 U |
| MW-22 | 1/29/1998 | 11 | 1 U | 1 U | 1 U |
| MW-22 | 4/16/1998 | 22 | 1 U | 1 U | 1 U |
| MW-22 | 10/21/1998 | 35 | 1 U | 1 U | 1 U |
| MW-22 | 4/29/1999 | 24 | 1 U | 1 U | 1 U |
| MW-22 | 10/19/1999 | 28 | 1 U | 1 U | 1 U |
| MW-22 | 4/6/2000 | 26 | 1 U | 1 U | 1 U |
| MW-22 | 11/9/2000 | 29 | 1 U | 1 U | 1 U |
| MW-22 | 7/3/2001 | 37 | 1 U | 1 U | 1 U |
| MW-22 | 11/10/2001 | 36 | 1 U | 1 U | 1 U |
| MW-22 | 10/11/2002 | 50 51 | 1 U | 1 U | 1 U |
| MW-22 | | 52 | 2 U | 2 U | 2 U |
| MW-22 | 12/8/2003 12/28/2004 | 47 | 1.0 U | 1.0 U | 1.1 |
| | | | | | |
| MW-22 | 11/9/2005 | 56.3 | 1.00 U | 1.00 U | 1.00 U |
| MW-22 | 1/2/2007 | 38.4 | 1 U | 1 U | 1 U |
| MW-22 | 11/29/2007 | 37 | 0.5 U | 0.5 U | 0.77 |
| MW-22 | 11/1/2008 | 31.2 | 0.5 U | 0.5 U | 0.92 |
| MW-22 | 11/20/2009 | 30.6 | 1 U | 1 U | 1 U |
| MW-22 | 11/17/2010 | 30.5 | 1 U | 1 U | 1 U |
| MW-22 | 11/29/2011 | 33.4 | 0.5 U | 0.5 U | 1.16 |
| MW-23 | 4/15/1997 | 1 U | 1 U | 1 U | 1 U |
| MW-23 | 7/8/1997 | 1 U | 1 U | 1 U | 1 U |
| MW-23 | 10/22/1997 | 1 U | 1 U | 1 U | 1 U |
| MW-23 | 1/29/1998 | 1 U | 1 U | 1 U | 1 U |
| MW-23 | 10/21/1998 | 1 U | 1 U | 1 U | 1 U |
| MW-23 | 10/19/1999 | 1 U | 1 U | 1 U | 1 U |
| MW-23 | 11/7/2000 | 1 U | 1 U | 1 U | 1 U |
| MW-23 | 11/8/2001 | 1 U | 1 U | 1 U | 1 U |

| | Chemical Name | cis-1,2-Dichloroethene | Tetrachloroethene | Toluene | trans-1,2-Dichloroethene |
|-------------|---------------|------------------------|-------------------|---------|--------------------------|
| Location ID | Sample Date | ug/l | ug/l | ug/l | ug/l |
| MW-24 | 11/9/1998 | 2600 | 200 U | 200 U | 200 U |
| MW-24 | 4/29/1999 | 1600 | 100 U | 100 U | 100 U |
| MW-24 | 10/19/1999 | 3000 | 100 U | 100 U | 100 U |
| MW-24 | 4/6/2000 | 250 | 20 U | 20 U | 20 U |
| MW-24 | 11/7/2000 | 1200 | 50 U | 50 U | 50 U |
| MW-24 | 7/3/2001 | 400 | 50 U | 50 U | 50 U |
| MW-24 | 11/10/2001 | 2100 | 50 U | 50 U | 50 U |
| MW-24 | 6/11/2002 | 680 | 50 U | 50 U | 50 U |
| MW-24 | 5/1/2003 | 410 | 10 U | 10 U | 10 U |
| MW-24 | 12/8/2003 | 81 | 10 U | 10 U | 10 U |
| MW-24 | 7/19/2004 | 680 | 10 U | 10 U | 10 U |
| MW-24 | 12/28/2004 | 69 | 5.0 U | 5.0 U | 5.0 U |
| MW-24 | 4/8/2005 | 44 | 2.0 U | 2.0 U | 2.0 U |
| MW-24 | 11/9/2005 | 75.6 | 2.50 U | 2.50 U | 2.50 U |
| MW-24 | 4/21/2006 | 180 | 2.5 U | 2.5 U | 2.5 U |
| MW-24 | 1/2/2007 | 5.15 | 2.5 U | 2.5 U | 2.5 U |
| MW-24 | 5/31/2007 | 45.7 | 2.5 U | 2.5 U | 2.5 U |
| MW-24 | 11/29/2007 | 42 | 0.5 U | 0.5 U | 0.5 U |
| MW-24 | 5/1/2008 | 8.21 | 0.5 U | 0.5 U | 0.5 U |
| MW-24 | 11/1/2008 | 51.9 | 5 U | 5 U | 5 U |
| MW-24 | 04/22/2009 | 8.1 | 5 U | 5 U | 5 U |
| MW-24 | 04/30/2010 | 11 | 2.5 U | 2.5 U | 2.5 U |
| MW-24 | 11/17/2010 | 212 | 2.5 U | 2.5 U | 2.5 U |
| MW-24 | 5/21/2011 | 492 | 5 U | 5 U | 5 U |
| MW-24 | 11/29/2011 | 43.3 | 5 U | 5 U | 5 U |
| PZ-01 | 10/21/1996 | 1 U | 1 U | 1 U | 1 U |
| PZ-01 | 10/23/1997 | 1 U | 1 U | 1 U | 1 U |
| PZ-01 | 10/20/1998 | 2 U | 2 U | 2 U | 2 U |
| PZ-01 | 10/19/1999 | 10 U | 10 U | 10 U | 10 U |
| PZ-01 | 11/7/2000 | 1 U | 1 U | 1 U | 1 U |
| PZ-01 | 11/9/2001 | 2 U | 2 U | 2 U | 2 U |
| PZ-01 | 10/10/2002 | 2 U | 2 U | 2 U | 2 U |
| PZ-01 | 12/8/2003 | 5 U | 5 U | 5 U | 5 U |
| PZ-01 | 12/28/2004 | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| PZ-01 | 11/9/2005 | 2.50 U | 2.50 U | 2.50 U | 2.50 U |
| PZ-01 | 1/2/2007 | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| PZ-01 | 11/29/2007 | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| PZ-01 | 11/1/2008 | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| PZ-01 | 11/20/2009 | 0.5 U | 0.5 U | 0.5 U | 0.5 U |
| PZ-01 | 11/17/2010 | 1 U | 1 U | 1 U | 1 U |
| PZ-01 | 11/29/2011 | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| PZ-02 | 10/21/1996 | 10 U | 10 U | 10 U | 10 U |
| PZ-02 | 10/23/1997 | 10 U | 10 U | 10 U | 10 U |
| PZ-02 | 10/20/1998 | 10 U | 10 U | 10 U | 10 U |
| PZ-02 | 10/19/1999 | 1 U | 1 U | 1 U | 1 U |
| PZ-02 | 11/9/2000 | 5 U | 5 U | 5 U | 5 U |
| PZ-02 | 11/10/2001 | 5 U | 5 U | 5 U | 5 U |
| PZ-02 | 10/11/2002 | 5 U | 5 U | 5 U | 5 U |
| PZ-02 | 12/8/2003 | 5 U | 5 U | 5 U | 5 U |
| PZ-02 | 12/28/2004 | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| PZ-02 | 11/9/2005 | 2.50 U | 2.50 U | 2.50 U | 2.50 U |
| PZ-02 | 1/2/2007 | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| PZ-02 | 11/29/2007 | 1.1 | 0.51 | 0.5 U | 0.5 U |
| PZ-02 | 11/1/2008 | 1 | 0.5 U | 0.5 U | 0.5 U |
| PZ-02 | 11/20/2009 | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| PZ-02 | 11/17/2010 | 2.5 U | 2.5 U | 2.5 U | 2.5 U |
| PZ-02 | 11/29/2011 | 2.5 U | 2.5 U | 2.5 U | 2.5 U |

SPDES Monitoring Laboratory Reports



Thursday, November 03, 2011

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

TEL: 315-956-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results

Order No.: K1110038

Dear Mr. Al Farrell:

Life Science Laboratories, Inc. received 5 sample(s) on 10/4/2011 for the analyses presented in the following report. Sample results relate only to the samples as received by the laboratory.

Very truly yours, Life Science Laboratories, Inc.

Anthony Crescenzi Project Manager

Life Science Laboratories, Inc. 5854 Butternut Drive

Analytical Results

East Syracuse, NY 13057

(315) 445-1900

StateCertNo: 10248

CLIENT O'Brien & Gere Engineers, Inc.

Project: Former Accurate Die Cast

Project: Former Ac W **Order:** K1110038

Matrix: WATER

Inst. ID: MSK_75 **ColumnID:** Rtx-VMS

Revision: 10/13/11 8:51

Sample Size 10 mL

%Moisture: TestCode 8260W Lab ID: K1110038-001A

Client Sample ID: WTP Influent Grab 10/4/11

Collection Date: 10/04/11 9:30 **Date Received:** 10/04/11 10:05

PrepDate: BatchNo:

R22760

FileID: 1-SAMP-K6151.D

Col Type:

| Analyte | Result Qual | PQL | Units | DF | Date Analyzed |
|-----------------------------|-------------|--------|---------|----|----------------|
| VOLATILE ORGANIC COMPOUND | S BY GC/MS | | SW8260B | | |
| 1,1,2,2-Tetrachloroethane | ND | 10.0 | μg/L | 20 | 10/12/11 18:57 |
| cis-1,2-Dichloroethene | ND | 10.0 | μg/L | 20 | 10/12/11 18:57 |
| Methylene chloride | ND | 40.0 | μg/L | 20 | 10/12/11 18:57 |
| Tetrachloroethene | ND | 10.0 | μg/L | 20 | 10/12/11 18:57 |
| Toluene | ND | 10.0 | μg/L | 20 | 10/12/11 18:57 |
| trans-1,2-Dichloroethene | ND | 10.0 | μg/L | 20 | 10/12/11 18:57 |
| Trichloroethene | 446 | 10.0 | μg/L | 20 | 10/12/11 18:57 |
| Surr: 1.2-Dichloroethane-d4 | 116 | 75-128 | %REC | 20 | 10/12/11 18:57 |
| Surr: 4-Bromofluorobenzene | 112 | 75-125 | %REC | 20 | 10/12/11 18:57 |
| Surr: Toluene-d8 | 98 | 75-125 | %REC | 20 | 10/12/11 18:57 |

| Qualifiers |
|------------|
|------------|

- Value exceeds Maximum Contaminant Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- Prim./Conf. column %D or RPD exceeds limit
- 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

Print Date: 10/13/11 10:32 576365 Project Supervisor: Anthony Crescenzi Page 1 of 3

Life Science Laboratories, Inc.

Analytical Results

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

StateCertNo: 10248

CLIENT

O'Brien & Gere Engineers, Inc.

Lab ID:

K1110038-002A

Project:

Former Accurate Die Cast

Collection Date:

Client Sample ID: WTP Between Carbon Grab 10

W Order:

K1110038

10/04/11 9:30

Matrix:

Date Received:

10/04/11 10:05

Inst. ID:

WATER MSK 75

Sample Size 10 mL

PrepDate:

R22760

ColumnID: Rtx-VMS **Revision:**

10/13/11 8:51

%Moisture:

TestCode 8260W

BatchNo: FileID:

1-SAMP-K6152.D

Col Type:

| Analyte | Result Qual | PQL | Units | DF | Date Analyzed |
|-----------------------------|-------------|--------|---------|----|----------------|
| VOLATILE ORGANIC COMPOUND | S BY GC/MS | | SW8260B | | |
| 1,1,2,2-Tetrachloroethane | ND | 0.50 | μg/L | 1 | 10/12/11 19:29 |
| cis-1,2-Dichloroethene | 0.56 | 0.50 | μg/L | 1 | 10/12/11 19:29 |
| Methylene chloride | ND | 2.00 | μg/L | 1 | 10/12/11 19:29 |
| Tetrachloroethene | ND | 0.50 | μg/L | 1 | 10/12/11 19:29 |
| Toluene | ND | 0.50 | μg/L | 1 | 10/12/11 19:29 |
| trans-1,2-Dichloroethene | ND | 0.50 | μg/L | 1 | 10/12/11 19:29 |
| Trichloroethene | 1.75 | 0.50 | μg/L | 1 | 10/12/11 19:29 |
| Surr: 1.2-Dichloroethane-d4 | 118 | 75-128 | %REC | 1 | 10/12/11 19:29 |
| Surr: 4-Bromofluorobenzene | 114 | 75-125 | %REC | 1 | 10/12/11 19:29 |
| Surr: Toluene-d8 | 98 | 75-125 | %REC | 1 | 10/12/11 19:29 |

Qualifiers:

Value exceeds Maximum Contaminant Level

Value exceeds the instrument calibration range

Analyte detected below the PQL

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

Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Practical Quantitation Limit (PQL)

Spike Recovery outside accepted recovery limits

Print Date: 10/13/11 10:32

576366

Project Supervisor: Anthony Crescenzi

Page 2 of 3

Life Science Laboratories, Inc. 5854 Butternut Drive

Analytical Results

East Syracuse, NY 13057

(315) 445-1900

StateCertNo: 10248

CLIENT O'Brien & Gere Engineers, Inc.

Project:

Former Accurate Die Cast

Client Sample ID: WTP Effluent Grab 10/4/11

K1110038-003A

W Order: K1110038 **Collection Date: Date Received:**

10/04/11 9:30 10/04/11 10:05

Matrix: WATER Inst. ID: MSK 75

Sample Size 10 mL

TestCode 8260W

R22760

Revision:

ColumnID: Rtx-VMS 10/13/11 8:51 %Moisture:

PrepDate: BatchNo: FileID:

Lab ID:

1-SAMP-K6153.D

Col Type:

| Analyte | Result Qual | PQL | Units | DF | Date Analyzed |
|-----------------------------|-------------|--------|---------|----|----------------|
| VOLATILE ORGANIC COMPOUND | S BY GC/MS | | SW8260B | | |
| 1,1,2,2-Tetrachloroethane | ND | 0.50 | μg/L | 1 | 10/12/11 20:00 |
| cis-1,2-Dichloroethene | ND | 0.50 | μg/L | 1 | 10/12/11 20:00 |
| Methylene chloride | ND | 2.00 | μg/L | 1 | 10/12/11 20:00 |
| Tetrachloroethene | ND | 0.50 | μg/L | 1 | 10/12/11 20:00 |
| Toluene | ND | 0.50 | μg/L | 1 | 10/12/11 20:00 |
| trans-1,2-Dichloroethene | ND | 0.50 | μg/L | 1 | 10/12/11 20:00 |
| Trichloroethene | ND | 0.50 | μg/L | 1 | 10/12/11 20:00 |
| Surr: 1,2-Dichloroethane-d4 | 112 | 75-128 | %REC | 1 | 10/12/11 20:00 |
| Surr: 4-Bromofluorobenzene | 119 | 75-125 | %REC | 1 | 10/12/11 20:00 |
| Surr: Toluene-d8 | 99 | 75-125 | %REC | 1 | 10/12/11 20:00 |

- Value exceeds Maximum Contaminant Level
- Value exceeds the instrument calibration range
- Analyte detected below the PQL
- Prim./Conf. column %D or RPD exceeds limit
- 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)
- Spike Recovery outside accepted recovery limits

Project Supervisor: Anthony Crescenzi

Page 3 of 3



Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: O'Brien & Gere Engineers, Inc.

Lab ID:

K1110038-004A

Project: Former Accurate Die Cast

Collection Date:

Client Sample ID: WTP Effluent Comp 10/4/11

W Order: K1110038 Matrix: WATER

Date Received:

10/04/11 9:30 10/04/11 10:05

| Analyte | Result Qual | PQL Units | DF | Date Analyzed |
|---------------------|-------------|--------------|-------|----------------|
| MERCURY | | EPA 245.1 | (E245 | 5.1) |
| Mercury | ND | 0.00020 mg/L | 1 | 10/06/11 15:42 |
| TOTAL METALS BY ICP | | EPA 200.7 | (E200 | 0.2) |
| Zinc | ND | 0.020 mg/L | 1 | 10/13/11 11:57 |

Qualifiers:

* Value exceeds Maximum Contaminant Level

E Value exceeds the instrument calibration range

J Analyte detected below the PQL

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

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

Page 1 of 2 **Print Date:** 10/17/11 15:18 Project Supervisor: Anthony Crescenzi



Project:

Matrix:

Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT O'Brien & Gere Engineers, Inc.

Former Accurate Die Cast

W Order: K1110038 WATER

Lab ID:

K1110038-004B

Client Sample ID: WTP Effluent Comp 10/4/11

Collection Date: Date Received:

10/04/11 9:30

10/04/11 10:05

| Analyte | Result Qual | PQL Units | DF | Date Analyzed |
|------------------------------|-------------|-----------------|----|----------------|
| RESIDUE-FILTERABLE (TDS) | | SM 18-20 2540 C | | |
| Residue-filterable (TDS) | 660 | 10 mg/L | 1 | 10/06/11 14:00 |
| RESIDUE-NON-FILTERABLE (TSS) | | SM 18-20 2540 D | | |
| Residue-non-filterable (TSS) | ND | 5.0 mg/L | 1 | 10/06/11 14:00 |

Qualifiers:

Value exceeds Maximum Contaminant Level

Value exceeds the instrument calibration range

Analyte detected below the PQL

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

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

Print Date: 11/03/11 11:30 Project Supervisor: Anthony Crescenzi Page 1 of 1



Matrix:

Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT: O'Brien & Gere Engineers, Inc.

Project: Former Accurate Die Cast

W Order: K1110038 WATER

K1110038-005A Lab ID:

Client Sample ID: WTP Influent Comp 10/4/11

Collection Date: Date Received:

10/04/11 9:30 10/04/11 10:05

| Analyte | Result Qual | PQL Units | DF | Date Analyzed |
|---------------------|-------------|--------------|------|----------------|
| MERCURY | | EPA 245.1 | (E24 | 5.1) |
| Mercury | ND | 0.00020 mg/L | 1 | 10/06/11 15:45 |
| TOTAL METALS BY ICP | | EPA 200.7 | (E20 | 0.2) |
| Zinc | ND | 0.020 mg/L | 1 | 10/13/11 12:01 |

Qualifiers:

- Value exceeds Maximum Contaminant Level
- Value exceeds the instrument calibration range
- Analyte detected below the PQL
- Prim./Conf. column %D or RPD exceeds limit
- 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)

Page 2 of 2

S Spike Recovery outside accepted recovery limits

Print Date: 10/17/11 15:18 Project Supervisor: Anthony Crescenzi



Life Science Laboratories, Inc. Central Lab

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

Chain of Custody

| Client: OBRIEN & GERE | | | | | | | | | Ar | nalysis | /Meth | od | |
|-------------------------------|-------------------|-------------------|------------------|------------------|----------------------|----------|-------------|-------|------------|----------|-------|---------|-------------------|
| Project: FORMER ACCURATE D | M | | | | | / | 7 | 7 | / | | 7 | | |
| Sampled by: MARTIN KOENNECKE | | | | | | / | | / | | 50/ | | / | |
| | hone # | | | | | / | 0/. | /3 | o / j | \ | / | / | |
| Sample Des | cription | | | | | / ^ | 8033 | MR. I | 1/2 | \ | | / | |
| Sample Location | Date Collected | Time Collected | Sample Matrix | Comp. or Grab | No. of Containers | 1/ | ركم | \ N | / K | | | | Comments |
| INFLUENT | 10-4-11 | 930 | water | GRAB | 3 | | 3 | | | | | | |
| BETWEEN CARBONS | 10-4-11 | 930 | | (ORAB | 3 | | 3 | | | | | | |
| Eff Lvent | 10-4-11 | 930 | | GRAB | 3 | 3 | | | | | | | |
| Effluent | 10-4-11 | 930 | | Comp | a | | | | | | | | |
| In fluent | 10-4-11 | 930 | water | Comp | 4 | | | `) | | | | | |
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| | | | | | | | | | | | | | |
| Relinquished by: Math forther | Da | te:/0-4- | // Time | : | Receive | d by: | | | | | Da | ate: | Time: |
| Relinquished by: | Da | te: | Time | : | Receive | d by: | | | | | Da | ate: | Time: |
| Relinquished by: | Da | te: | Time | : | Receive | d by Lai | p: R | Ø: | ubo | ····· | | ate: /a | 14/11 Time: 10:05 |
| Shipment Method: HAND | | | | · · | Airbill N | umber: | * - | | Carolin II | | | | 1411 10.00 |
| Turnaround Time Required: | :amments | | | | | | | | | ** | | | |

| Turnaround Time Re Routine Rush | quired: | Con | nments: |
|---------------------------------------|---------|--------|---------|
| Cooler Temperature:_ | 12.400 | on ice | |

Sample Receipt Checklist

| Client Name: OBG-MS | | | [| Date and Tin | ne Received: 1 | 10/4/2011 10:05:00 AM | | |
|---------------------|---------------------------|------------------------------|----------------------------|--------------|------------------------|-----------------------|--|--|
| Work Order Num | nber: K1110038 | | . F | Received by: | rsd | | | |
| Checklist comple | eted by: | <i>6</i> 9 | 16 - 4- 11 ate | Reviewed b | oy: AC | /0 · 5 - // | | |
| | | Delivery Meth | nod: <u>Hand Delivered</u> | | | | | |
| Shipping contain | ner/cooler in good cond | dition? | Yes 🗸 | No 🗆 | Not Present | | | |
| Custody seals in | ntact on shipping conta | iner/cooler? | Yes | No 🗌 | Not Present | | | |
| Custody seals in | ntact on sample bottles | s? | Yes | No 🗌 | Not Applicable 🗹 | | | |
| Chain of custody | y present? | | Yes 🗸 | No 🗌 | | | | |
| Chain of custody | y signed when relinquis | shed and received? | Yes 🗸 | No 🗌 | | | | |
| Chain of custody | y agrees with sample l | abels? | Yes 🗸 | No \square | | | | |
| Samples in prop | per container/bottle? | | Yes 🗹 | No 🗆 | | | | |
| Sample containe | ers intact? | | Yes 🗹 | No 🗌 | | | | |
| Sufficient sample | e volume for indicated | test? | Yes 🗸 | No 🗌 | | | | |
| All samples rece | eived within holding tim | ne? | Yes 🗸 | No 🗌 | | | | |
| Container/Temp | Blank temperature in | compliance? | Yes 🗸 | No 🗌 | | | | |
| Water - VOA via | als have zero headspa | ce? | Yes 🗹 | No 🗌 💮 | No VOA vials submitte | d 🗆 | | |
| Water - pH acce | eptable upon receipt? | | Yes 🗸 | No 🗌 | Not Applicable | | | |
| | 1 | | | | | | | |
| | <u>reservative</u> aOH | pH Acceptable Yes □ N □ NA ✓ | Sample ID | <u>Volu</u> | ıme of Preservative ad | lded in Lab. | | |
| | NO3 | Yes N NA NA Yes N NA NA V | | | | | | |
| | SO4 | | | | | | | |
| - | :1 HCL | Yes V N NA | | | | | | |
| 5-9 Pe | est/PCBs (608/8081) | Yes □ N □ NA ✓ | | | | | | |

Comments:



Thursday, November 03, 2011

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

TEL: 315-956-6100

Project: FORMER ACCURATE DIE CAST

RE: **Analytical Results**

Order No.: K1110142

Dear Mr. Al Farrell:

Life Science Laboratories, Inc. received 1 sample(s) on 10/11/2011 for the analyses presented in the following report. Sample results relate only to the samples as received by the laboratory.

Very truly yours, Life Science Laboratories, Inc.

Anthony Crescenzi Project Manager



5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT O'Brien & Gere Engineers, Inc.

Project: Former Accurate Die Cast

W Order: K1110142 Matrix: WATER Lab ID:

K1110142-001A

Client Sample ID: Effluent Comp 10/11/11

Collection Date: Date Received:

10/11/11 11:30

10/11/11 11:55

| Analyte | Result Qual | Result Qual PQL Units | | Date Analyzed | | |
|------------------------------|-------------|-----------------------|---|---------------|--|--|
| RESIDUE-FILTERABLE (TDS) | | SM 18-20 2540 C | | | | |
| Residue-filterable (TDS) | 710 | 10 mg/L | 1 | 10/17/11 9:55 | | |
| RESIDUE-NON-FILTERABLE (TSS) | | SM 18-20 2540 D | | | | |
| Residue-non-filterable (TSS) | ND | 5.0 mg/L | 1 | 10/13/11 | | |

Qualifiers:

Print Date: 11/03/11 11:25 Project Supervisor: Anthony Crescenzi Page 1 of 1

Value exceeds Maximum Contaminant Level

E Value exceeds the instrument calibration range

J Analyte detected below the PQL

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

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



Life Science Laboratories, Inc. Central Lab

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

Chain of Custody

| Client: OBRIEN & GERE | | *************************************** | | | | Analysis/Method | | | | | | | |
|---|-------------------|---|------------------|---------------------------------------|----------------------|-----------------|------------|-------------------|--|--------------|---|---|---------------------------------------|
| Project: ACCURATE DIE | | | | · · · · · · · · · · · · · · · · · · · | | 7 | | | , | / / | 7 | 1 | |
| C | vei ke | | | | | | <i>ن</i> / | / | / | / | / | // | |
| Client Contact: AL FARREL | Phone # | | | | | / <i>[</i> | ð, \ | | | | / | / | |
| Sample Description | | | | | |] /,is, | - / | | | | | | |
| Sample Location | Date Collected | Time Collected | Sample Matrix | Comp. or Grab | No. of Containers | VK. | | | | | | / | Comments |
| EffLuent 80/ | 10-11-11 | 11:30 | water | | | | | | | | | | , , , , , , , , , , , , , , , , , , , |
| | | | | | | | 11. | | | | | | |
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| 22 | | | | | | | | | | | | | |
| Relinquished by: Mati Kombe | Da | te: /0-1 - | ∬ Time: | 1158 | Receive | d by: | | installer and the | | | D | ite: | Time: |
| Relinquished by: | Da | te: | Time: | · | Receive | d bv: | | | | | | ate: | Time: |
| Relinquished by: | Da | te: | Time: | | Receive | | r: 0 | 7 | 1 | | | | |
| Shipment Method: HAND | | | | ` | Airbill No | | | Mi | zul X | · | | 10.1 | 1-// Time: // 55 |
| Turnaround Time Required: Routine Rush | Comments | : | | | | | | | | 1. | | *************************************** | |

Sample Receipt Checklist

| · · | • | |
|--|---------------------------|--|
| Client Name: OBG-MS | | Date and Time Received: 10/11/2011 11:55:00 AM |
| Work Order Number: K1110142 | | Received by: rsd |
| Checklist completed by: Initials Checklist completed by: | 9-11-11 e | Reviewed by: Me |
| Delivery Metho | od: <u>Hand Delivered</u> | |
| Shipping container/cooler in good condition? | Yes 🗸 | No Not Present |
| Custody seals intact on shipping container/cooler? | Yes | No Not Present |
| Custody seals intact on sample bottles? | Yes | No ☐ Not Applicable ✓ |
| Chain of custody present? | Yes 🔽 | No 🗀 |
| Chain of custody signed when relinquished and received? | Yes 🗸 | No 🗔 |
| Chain of custody agrees with sample labels? | Yes 🗹 | No 🗔 |
| Samples in proper container/bottle? | Yes 🗸 | No 🗆 |
| Sample containers intact? | Yes 🗸 | No 🗔 . |
| Sufficient sample volume for indicated test? | Yes 🗸 | No 🗀 . |
| All samples received within holding time? | Yes 🗸 | No 🗆 |
| Container/Temp Blank temperature in compliance? | Yes 🔽 | No 🗆 |
| Water - VOA vials have zero headspace? | Yes | No ☐ No VOA vials submitted ☑ |
| Water - pH acceptable upon receipt? | Yes | No Not Applicable 🗹 |

Comments:



Thursday, November 03, 2011

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

TEL: 315-956-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results

Order No.: K1110189

Dear Mr. Al Farrell:

Life Science Laboratories, Inc. received 2 sample(s) on 10/17/2011 for the analyses presented in the following report. Sample results relate only to the samples as received by the laboratory.

Very truly yours,

Life Science Laboratories, Inc.

Anthony Crescenzi

Project Manager



Matrix:

W Order: K1110189

WATER

Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

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

Former Accurate Die Cast

K1110189-001A

Lab ID:

Client Sample ID: Effluent Comp 10/17/11 08:30

Collection Date:

10/17/11 8:30

Date Received:

10/17/11 10:11

| Analyte | Result Qual | PQL Units | DF | Date Analyzed | |
|------------------------------|-------------|-----------------|----|----------------|--|
| RESIDUE-FILTERABLE (TDS) | | SM 18-20 2540 C | | + | |
| Residue-filterable (TDS) | 650 | 10 mg/L | 1 | 10/18/11 10:07 | |
| RESIDUE-NON-FILTERABLE (TSS) | | SM 18-20 2540 D | | | |
| Residue-non-filterable (TSS) | ND | 5.0 mg/L | 1 | 10/21/11 | |

Qualifiers:

- Value exceeds Maximum Contaminant Level
- E Value exceeds the instrument calibration range
- Analyte detected below the PQL
- Prim./Conf. column %D or RPD exceeds limit
- 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

Print Date: 11/03/11 11:54 Project Supervisor: Anthony Crescenzi Page 1 of 1

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

Analytical Results

StateCertNo: 10248

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

Former Accurate Die Cast

W Order: K1110189 Matrix: WATER

Inst. ID: MSK 75 ColumnID: Rtx-VMS

Revision: 11/01/11 14:38 Lab ID:

Sample Size 10 mL

TestCode 8260W

%Moisture:

Client Sample ID: Effluent Grab 10/17/11 08:30

K1110189-002A

Collection Date: 10/17/11 8:30 **Date Received:**

PrepDate:

10/17/11 10:11

BatchNo:

R22920

FileID: 1-SAMP-K6489.D

Col Type:

| 201 1 3 5 0 1 | | | | | |
|-----------------------------|-------------|--------|---------|----|----------------|
| Analyte | Result Qual | PQL | Units | DF | Date Analyzed |
| VOLATILE ORGANIC COMPOUNDS | BY GC/MS | | SW8260B | | |
| 1,1,2,2-Tetrachloroethane | ND | 0.50 | μg/L | 1 | 10/31/11 11:47 |
| cis-1,2-Dichloroethene | ND | 0.50 | μg/L | 1 | 10/31/11 11:47 |
| Methylene chloride | ND | 2.00 | μg/L | 1 | 10/31/11 11:47 |
| Tetrachloroethene | ND | 0.50 | μg/L | 1 | 10/31/11 11:47 |
| Toluene | ND | 0.50 | μg/L | 1 | 10/31/11 11:47 |
| trans-1,2-Dichloroethene | ND | 0.50 | μg/L | 1 | 10/31/11 11:47 |
| Trichloroethene | ND | 0.50 | μg/L | 1 | 10/31/11 11:47 |
| Surr: 1,2-Dichloroethane-d4 | 114 | 75-128 | %REC | 1 | 10/31/11 11:47 |
| Surr: 4-Bromofluorobenzene | 116 | 75-125 | %REC | 1 | 10/31/11 11:47 |
| Surr: Toluene-d8 | 105 | 75-125 | %REC | 1 | 10/31/11 11:47 |

| Λ | -1:0 | |
|----|-------|------|
| Vu | alifi | ters |

Print Date: 11/01/11 14:43

- Value exceeds Maximum Contaminant Level
- Value exceeds the instrument calibration range
- Analyte detected below the PQL
- Prim./Conf. column %D or RPD exceeds limit

579490

- 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)
 - Spike Recovery outside accepted recovery limits

Project Supervisor: Anthony Crescenzi

Page 1 of 1



Life Science Laboratories, Inc. **Central Lab**

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

Chain of Custody

Copy - Client

| CHETT. OBRIEN & GERE | | | | | ******* | | | | ıA | nalysis | s/Meth | od | |
|--|---|-------------------|------------------|-------|---------------------------------------|---------------|---------------|----|-------------|----------|-------------------|----------|-----------------------|
| Project: Formen Accumpte Die | | | | | | | / | / | ': <u>/</u> | / | | | |
| Sampled by: MARTIN KOENNE | cke | | | | |] / | 5/ | / | / | | . / | / | |
| | hone # | | | | |] / , | \mathcal{E} | | | | /. | | |
| Sample Desc | cription | | | | | 75.5 | | 00 | | | | | |
| Sample Location | Date Collected | Time Collected | Sample Matrix | Comp. | No. of Containers | \ \mathcal{K} | \ Q |) | | | | | Comments |
| EffLuenT | | 830 | | 1 | 1 | 1 | | | | | | | |
| | | 8:30 | | | 3 | | 3 | | | | | | |
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| Relinquished by: Month Koenhel | Da | te:/0-/ク- | // Time | 1015 | Receive | d by: | | I' | | | D | ate: | Time: |
| Relinquished by: | Da | te: | Time | | Receive | d by: | | | | | D | ate: | Time: |
| Relinquished by: | Da | te: | Time | | Receive | d by Lai | o: R | Di | who | | D | ate:)- | 17-17 Time: 77 1N |
| Shipment Method: HAND | | | | | Airbill N | umber: | | | - My Colo | <u> </u> | | | 2 114 |
| Turnaround Time Required: Co Routine X Rush Cooler Temperature: 7°C on icl | omments | : | | | e e e e e e e e e e e e e e e e e e e | | | | | | The second second | | Original - Laboratory |
| Cooler remperature | | | | | | | | | | | | | Conv. Client |

Sample Receipt Checklist

| Client Name: OBG-MS | | Date and T | ime Received: 1 | 0/17/2011 10:11:00 AM |
|---|----------------|------------|----------------------|-----------------------|
| Work Order Number: K1110189 | | Received b | y: rsd | |
| Checklist completed by: 10-17. Initials Date | 7-11 | Reviewed | by: AC | 10-/7- // Date |
| Delivery Method: | Hand Delivered | <u>d</u> | | |
| Shipping container/cooler in good condition? | Yes 🗸 | No 🗌 | Not Present | |
| Custody seals intact on shipping container/cooler? | Yes | No 🗌 | Not Present | |
| Custody seals intact on sample bottles? | Yes | No 🗌 | Not Applicable 🗹 | |
| Chain of custody present? | Yes 🗸 | No 🗌 | | |
| Chain of custody signed when relinquished and received? | Yes 🗸 | No 🗌 | | |
| Chain of custody agrees with sample labels? | Yes 🔽 | No 🗌 | | |
| Samples in proper container/bottle? | Yes 🗹 | No 🗌 | | |
| Sample containers intact? | Yes 🗸 | No 🗌 | | |
| Sufficient sample volume for indicated test? | Yes 🗸 | No 🗌 | | |
| All samples received within holding time? | Yes 🗸 | No 🗌 | | |
| Container/Temp Blank temperature in compliance? | Yes 🗹 | No 🗌 | | |
| Water - VOA vials have zero headspace? | Yes 🗸 | No 🗀 | No VOA vials submitt | ed |
| Water - pH acceptable upon receipt? | Yes | No 🗌 | Not Applicable 🗹 | |
| | | | | |
| | | | | |

Comments:



Saturday, November 19, 2011

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

TEL: 315-956-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results

Dear Mr. Al Farrell:

Life Science Laboratories, Inc. received 1 sample(s) on 10/28/2011 for the analyses presented in the following report. Sample results relate only to the samples as received by the laboratory.

Order No.: K1110319

Very truly yours, Life Science Laboratories, Inc.

Anthony Crescenzi Project Manager



5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT O'Brien & Gere Engineers, Inc.

Project: Former Accurate Die Cast

W Order: K1110319 Matrix: WATER

Lab ID:

K1110319-001A

Client Sample ID: Effluent Comp 10/28/11

Collection Date: Date Received:

10/28/11 8:00 10/28/11 8:37

| Matila. WATER | | | | |
|---|-------------|------------------------------------|----|----------------|
| Analyte | Result Qual | PQL Units | DF | Date Analyzed |
| RESIDUE-FILTERABLE (TDS) Residue-filterable (TDS) | 790 | SM 18-20 2540 C 10 mg/L | 1 | 10/31/11 9:43 |
| RESIDUE-NON-FILTERABLE (TSS) Residue-non-filterable (TSS) | ND | SM 18-20 2540 D 5.0 mg/L | 1 | 10/31/11 14:00 |

Qualifiers:

Value exceeds Maximum Contaminant Level

Value exceeds the instrument calibration range

Analyte detected below the PQL

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

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)

Spike Recovery outside accepted recovery limits

Project Supervisor: Anthony Crescenzi Print Date: 11/19/11 10:59

Page 1 of 1



Life Science Laboratories, Inc. **Central Lab**

9.000 on Ia

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

Chain of Custody

| Client: OBRIEN & GERY | | | | | | | | Analysis/Method | | | | | | | |
|--|----------|------------------|--|--------------------|------------------|------------------|----------------------|-----------------|-------------|----|---|----------|---------|---------------------|-----------------------|
| Project: Accurate Die | 1 | | MODELLA DE LA COMPANSA DEL COMPANSA DEL COMPANSA DE LA COMPANSA DE | | | | | / | / | | | / · / | 7 | / / | |
| Sampled by: MARTIN KOENN Client Contact: AL FARREL | | <u>ન</u> hone | + | | <u>.</u> | | | | 8/ | | | | | | |
| Sample Description | | | | | | | | | \setminus | | | | | | , |
| Sample Location | | Dat Collec | te cted | Time Collected | Sample Matrix | Comp. or Grab | No. of Containers | 1/2/2 | | | | | | | Comments |
| Effluent | 1 | 10-28 | 11 | 8:00 | water | Comp | | İ | | | | | | | |
| | | | | | | | | | | | | | | | |
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| Relinquished by: Mat Kunha | | | Da | te: / <i>0-</i> 28 |)_// Time | 8,3% | Receive | d by: | | | : | | | Date: | Time: |
| Relinquished by: | | | Da | ite: | Time | : | Receive | d by: | | | | | | Date: | Time: |
| Relinquished by: | | | Da | te: | Time | | Receive | d by Lal | o: /5' | 55 | | | · · · E | Date _{lo-} | 18-11 Time 08:37 |
| Shipment Method: HAND | | | | | | | Airbill N | umber: | | | | - | | ur. | |
| Turnaround Time Required: Routine Rush | | omme | ents | | | | | | | | | | | | Original - Laboratory |
| Cooler Temperature: 9.0 000 | ~ | a | 1 | | | * * | | | | | | | | | Copy - Client |

Sample Receipt Checklist

| Client Name: OBG-MS | Date and Time Received: 10/28/2011 8:37:00 AM | | | | | | | |
|---|---|------------------|---|--|--|--|--|--|
| Work Order Number: K1110319 | | Received by: gis | | | | | | |
| Checklist completed by: | 0-28-11 | Reviewed by: | 10-26-11 Date | | | | | |
| Delivery | Method: <u>Hand Delivere</u> | | Julie Committee | | | | | |
| Shipping container/cooler in good condition? | Yes 🗸 | No Not Present | | | | | | |
| Custody seals intact on shipping container/cooler? | Yes | No 🗌 Not Present | | | | | | |
| Custody seals intact on sample bottles? | Yes | No Not Applica | ole 🗹 | | | | | |
| Chain of custody present? | Yes 🗹 | No 🗌 | | | | | | |
| Chain of custody signed when relinquished and received? | Yes 🗸 | No 🗆 | | | | | | |
| Chain of custody agrees with sample labels? | Yes⁺ ✓ | No 🗌 | | | | | | |
| Samples in proper container/bottle? | Yes 🗹 | No 🗔 | | | | | | |
| Sample containers intact? | Yes 🗹 | No 🗆 | | | | | | |
| Sufficient sample volume for indicated test? | Yes 🗹 | No 🗌 | | | | | | |
| All samples received within holding time? | Yes ✓ | No 🗌 | | | | | | |
| Container/Temp Blank temperature in compliance? | Yes ⊻ | No 🗆 | | | | | | |
| Water - VOA vials have zero headspace? | Yes 🗌 | No No VOA vials | submitted 🗸 | | | | | |
| Water - pH acceptable upon receipt? | Yes 🗌 | No Not Applicat | | | | | | |

Comments:



Saturday, November 19, 2011

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

TEL: 315-956-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results

Order No.: K1111005

Dear Mr. Al Farrell:

Life Science Laboratories, Inc. received 3 sample(s) on 11/1/2011 for the analyses presented in the following report. Sample results relate only to the samples as received by the laboratory.

Very truly yours, Life Science Laboratories, Inc.

Anthony Crescenzi Project Manager



5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT O'Brien & Gere Engineers, Inc.

Project: Former Accurate Die Cast

W Order: K1111005 Matrix: WATER Lab ID: K1111005-001A

Client Sample ID: Effluent Comp 11/01/11

Collection Date: 11/01/11 9:30 **Date Received:** 11/01/11 10:36

| Analyte | Result Qual | PQL Units | DF | Date Analyzed |
|------------------------------|-------------|-----------------|-----|--|
| RESIDUE-FILTERABLE (TDS) | | SM 18-20 2540 C | | |
| Residue-filterable (TDS) | 670 | 10 mg/L | 1 | 11/01/11 11:02 |
| | | | | RAMPINE TO THE PARTY OF THE PAR |
| RESIDUE-NON-FILTERABLE (TSS) | | SM 18-20 2540 D | | |
| Residue-non-filterable (TSS) | ND | 5.0 mg/L | 1 1 | 11/03/11 |

Qualifiers:

Value exceeds Maximum Contaminant Level

E Value exceeds the instrument calibration range

J Analyte detected below the PQL

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

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

Print Date: 11/19/11 10:53 Project Supervisor: Anthony Crescenzi Page 1 of 1

Analytical Results

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

StateCertNo: 10248

CLIENT

O'Brien & Gere Engineers, Inc.

Project:

Former Accurate Die Cast

W Order:

K1111005

Matrix:

WATER

Inst. ID: ColumnID

MSK 75 Rtx-VMS

11/09/11 15:49

Sample Size: 10 mL

%Moisture: TestCode 8260W Lab ID:

K1111005-002A

Client Sample ID: Effluent Grab 11/01/11

Collection Date:

11/01/11 9:30 11/01/11 10:36

Date Received: PrepDate:

BatchNo:

R22971

FileID:

1-SAMP-K6598.D

Revision: Col Type:

| Analyte | Result Qua | l PQL | Units | DF | Date Analyzed |
|-----------------------------|------------|--------|---------|----|-------------------|
| VOLATILE ORGANIC COMPOUNDS | BY GC/MS | | SW8260B | | |
| 1,1,2,2-Tetrachloroethane | ND | 0.50 | μg/L | 1 | 11/07/11 14:47 |
| cis-1,2-Dichloroethene | ND | 0.50 | μg/L | 1 | 11/07/11 14:47 |
| Methylene chloride | ND | 2.00 | μg/L | 1 | 11/07/11 14:47 |
| Tetrachloroethene | ND | 0.50 | μg/L | 1 | 11/07/11 14:47 |
| Toluene | ND | 0.50 | μg/L | 1 | 11/07/11 14:47 |
| trans-1,2-Dichloroethene | ND | 0.50 | μg/L | 1 | 11/07/11 14:47 |
| Trichloroethene | ND | 0.50 | μg/L | 1 | 11/07/11 14:47 |
| Surr: 1,2-Dichloroethane-d4 | 138 S | 75-128 | %REC | 1 | 11/07/11 14:47 |
| Surr: 4-Bromofluorobenzene | 120 | 75-125 | %REC | 1 | 11/07/11 14:47 |
| Surr: Toluene-d8 | 97 | 75-125 | %REC | 1 | 11/07/11 14:47 |

Qualifiers:

- Value exceeds Maximum Contaminant Level
- Value exceeds the instrument calibration range
- Analyte detected below the PQL
- Prim./Conf. column %D or RPD exceeds limit
- 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

Print Date: 11/19/11 10:53

581067

Project Supervisor: Anthony Crescenzi

Page 1 of 2

Life Science Laboratories, Inc. 5854 Butternut Drive

Analytical Results

East Syracuse, NY 13057

(315) 445-1900

StateCertNo: 10248

CLIENT

O'Brien & Gere Engineers, Inc.

Project:

Former Accurate Die Cast

W Order: Matrix:

K1111005 WATER

Inst. ID: ColumnID

Revision: C-1 T----

Rtx-VMS

11/09/11 15:49

MSK 75

%Moisture: TestCode 8260W

Sample Size: 10 mL

Lab ID:

K1111005-003A

Client Sample ID: Between Carbons Grab 11/01/1

Collection Date:

11/01/11 9:30

Date Received:

11/01/11 10:36

PrepDate:

BatchNo:

R22971

FileID:

1-SAMP-K6599.D

| Col Type: | | | | | |
|-----------------------------|-------------|--------|---------|-----|----------------|
| Analyte | Result Qua | I PQL | Units | DF | Date Analyzed |
| VOLATILE ORGANIC COMPOUN | DS BY GC/MS | | SW8260B | | |
| 1,1,2,2-Tetrachloroethane | ND | 0.50 | μg/L | 1 | 11/07/11 15:19 |
| cis-1,2-Dichloroethene | 0.92 | 0.50 | μg/L | . 1 | 11/07/11 15:19 |
| Methylene chloride | ND | 2.00 | μg/L | 1 | 11/07/11 15:19 |
| Tetrachloroethene | ND | 0.50 | μg/L | 1 | 11/07/11 15:19 |
| Toluene | ND | 0.50 | μg/L | : 1 | 11/07/11 15:19 |
| trans-1.2-Dichloroethene | ND. | 0.50 | μg/L | 1 | 11/07/11 15:19 |
| Trichloroethene | 4.83 | 0.50 | μg/L | . 1 | 11/07/11 15:19 |
| Surr: 1,2-Dichloroethane-d4 | 111 | 75-128 | %REC | 1 | 11/07/11 15:19 |
| Surr: 4-Bromofluorobenzene | 121 | 75-125 | %REC | 1 | 11/07/11 15:19 |
| Surr: Toluene-d8 | 103 | 75-125 | %REC | 1 | 11/07/11 15:19 |

Qualifiers:

- Value exceeds Maximum Contaminant Level
- Value exceeds the instrument calibration range
- Analyte detected below the PQL
- Prim./Conf. column %D or RPD exceeds limit
- 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

Print Date: 11/19/11 10:53

581073

Project Supervisor: Anthony Crescenzi

Page 2 of 2



Life Science Laboratories, Inc. **Central Lab**

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

Chain of Custody

| Client: OBRIEN & GERE Project: FURMER ACCURATE D Sampled by: MARTIN KOENNEL | | | | | | | | | | Ar | alvsis | /Meth | od. | |
|---|-------------|-----------|-------------------|------------------|---------------------------------------|---------------------------------------|-------|--------|-----|---------------------------------------|---------------------------------------|-------|------|---------------|
| Project: FORMER Accuse To | 10 | | | | | | 1 7 | 7 | | | / | / | 7 | |
| Sampled by: MARTIN KORNNEL | Ke. | | | | | · · · · · · · · · · · · · · · · · · · | / | . / | | - / | | / | | |
| Client Contact: AL FARREL | Phone | e # | - | | | | | స / | | | | | - / | |
| Sample Description | | | | | | | 1/2 | | 1 1 | . / | | | | |
| Sample Location | Da Colle | e cted | Time Collected | Sample Matrix | Comp. | No. of Containers | 1/ / | \ 00 R | 100 | | | | / | Comments |
| EffLuenT | 11-1 | | 9:30 | water | | | 1 | | | | | | / | |
| EffLuenT | 11-1- | -11 | | | · · · · · · · · · · · · · · · · · · · | 3 | | 3 | | | | | | |
| BETWEEN CARBONS | 11-1 | -11 | | WATER | | 3 | | | 3 | · · · · · · · · · · · · · · · · · · · | | | | |
| | | ÷ | - | | | | | | | | | | | : |
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| <u> </u> | | | | | | | | | | | | | | <u> </u> |
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| | | | | | | | | | | | · · · · · · · · · · · · · · · · · · · | · | | |
| Relinquished by: Math Konfine | | Dat | te: //- / . | // Time | 10:40 | Receive | d by: | | | | | Da | ate: | Time: |
| Relinquished by: | | Dat | te: | Time | | Receive | d by: | | | | | Da | ite: | Time: |
| Relinquished by: | | Dat | te: | Time | | Receive | |): P | | | | | ite: | Time: |
| Shipment Method: HAND | | | | | | Airbill Nu | · - | | Lu | <u>wood</u> | | | | -01-111e.0:36 |
| Turnaround Time Required: | Comme | ents: | | | | | | | | ,, | | | | |

| 2 | urn | aroun | id T | ime | Required: | |
|---|-----|-------|------|-----|-----------|--|
| | | _ | | | 1. #" | |

Routine

Cooler Temperature:

Original - Laboratory Copy - Client

Sample Receipt Checklist

| Client Name: OBG-MS | Date and Time Received: | 11/1/2011 10:36:00 AM | |
|---|---------------------------------|------------------------|-----------------------|
| Work Order Number: K1111005 | Received by: rsd | | |
| Checklist completed by: Initials | //- / - // Date + | Reviewed by: Initials | - 1/- 1 - 1 Date |
| Delivery | y Method: <u>Hand Delivered</u> | | |
| Shipping container/cooler in good condition? | Yes 🗸 | No Not Present | |
| Custody seals intact on shipping container/cooler? | Yes | No ☐ Not Present ☑ | |
| Custody seals intact on sample bottles? | Yes 🗆 | No ☐ Not Applicable ☑ | |
| Chain of custody present? | Yes 🗹 | No 🗆 | |
| Chain of custody signed when relinquished and received? | Yes 🗸 | No 🗆 | |
| Chain of custody agrees with sample labels? | Yes 🗹 | No 🗆 | |
| Samples in proper container/bottle? | Yes 🗹 | No 🗌 | |
| Sample containers intact? | Yes 🗹 | No 🗆 | |
| Sufficient sample volume for indicated test? | Yes 🗹 | No 🗆 | |
| All samples received within holding time? | Yes 🗸 , | No 🗆 | |
| Container/Temp Blank temperature in compliance? | Yes ✓ | No 📑 | |
| Water - VOA vials have zero headspace? | Yes 🗆 | No 🗌 No VOA vials subm | itted 🗹 |
| Water nH accontable upon receipt? | Vec | No. Not Applicable | 1 |

Comments:



Wednesday, November 30, 2011

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

TEL: 315-956-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results

Order No.: K1111110

Dear Mr. Al Farrell:

Life Science Laboratories, Inc. received 1 sample(s) on 11/10/2011 for the analyses presented in the following report. Sample results relate only to the samples as received by the laboratory.

Very truly yours, Life Science Laboratories, Inc.

Anthony Crescenzi Project Manager



5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT O'Brien & Gere Engineers, Inc.

Project: Former Accurate Die Cast

W Order: K1111110 Matrix: WATER Lab ID:

K1111110-001A

Client Sample ID: Effluent Comp 11/10/11

Collection Date: Date Received:

11/10/11 8:30

11/10/11 9:50

| Analyte | Result | Qual | PQL Units | DF | Date Analyzed |
|------------------------------|---|------|-----------------|----|----------------|
| RESIDUE-FILTERABLE (TDS) | Artin Artista (1999) (1991) in Artin Artin Artin Area | | SM 18-20 2540 C | | |
| Residue-filterable (TDS) | 740 | | 10 mg/L | 1 | 11/14/11 9:34 |
| RESIDUE-NON-FILTERABLE (TSS) | | | SM 18-20 2540 D | | |
| Residue-non-filterable (TSS) | ND | | 5.0 mg/L | 1 | 11/17/11 14:00 |

Qualifiers:

Value exceeds Maximum Contaminant Level

E Value exceeds the instrument calibration range

J Analyte detected below the PQL

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

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

Print Date: 11/30/11 11:07 Project Supervisor: Anthony Crescenzi Page 1 of 1



Life Science Laboratories, Inc. Central Lab

5854 Butternut Drive East Syracuse, New York 13057 (315) 445-1105 **Chain of Custody**

| Client: OBRIEN & GERE | | | | | | | | | Ar | alysis | /Meth | od | |
|------------------------------|---|-------------------|------------------|------------------|---|--------|--------|-----|-----|--------|-------|----------|----------|
| Project: ACCURATE DIE | 1 | | | | | / | 7 | - / | / | | - / | | |
| Sampled by: MARTIN KOENNE | ecks | | | | | | | | . / | /. | | | |
| Client Contact: AL FARREL P | hone # | | | | *************************************** | | 5/ | | | | /, | · / | |
| Sample Desc | cription | 1 | | | | 1 / | , | | | | | | |
| Sample Location | Date Collected | Time Collected | Sample Matrix | Comp. or Grab | No. of Containers | 1/2/2 | | | | | | | Comments |
| EffLuenT | 11-10-11 | 830 | water | Comp | | 1 | | | | | | | |
| | p compa | | | | | | | | | | | | |
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| | and an amount | | | | | | | | | | | | |
| | and Authority and the | | | | | | | | | | | | |
| | A District Market Co. | | | | | | | | | | | | |
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| | | | | | | | | | | | | | |
| Relinquished by: Month Hanke | Da | ate://-/0 | -// Time | 9:50 | Receive | ed by: | | | : | 1 | D | ate: | Time: |
| Relinquished by: | | ate: | Time | | Receive | ed by: | | | | | . D | ate: | Time: |
| Relinquished by: | Da | ate: | Time | : | Receive | | b: /{(| 5. | | | | ate: /1- | |
| Shipment Method: HAND | *************************************** | | | | Airbill N | | | 15 | | | | | 107.50 |
| Turnaround Time Required: C | omments | S: | | | | | | | | | | | |

Routine ______

Cooler Temperature:____

7.0° or Ie

Original - Laboratory Copy - Client

Sample Receipt Checklist

| | Client Name: OBG-MS | | | Date and Tir | me Received: | 11/10/2011 9: | 50:00 AM | |
|-----------|---|-----|-------------|--|---|--|--|-------------------------|
| | Work Order Number: K1111110 | | | Received by | r: gis | | | |
| | Checklist completed by: Initials Date | 10 | -1/ | Reviewed | by: A-C | | | |
| *** 1.77% | Delivery Method: | Han | d Delivered | e oprogramme de de la companie de la | man a area 1977). (1981), alap ji ka aku 1981) in area ji kaba atau 1981) | maner or all announces bear all the MITTER Southers W. 1. Mark S. Austres. | e pageographe some solders manager and more than the | · Jane State Manageries |
| | Shipping container/cooler in good condition? | Yes | V | No 🗌 | Not Present | , | | |
| | Custody seals intact on shipping container/cooler? | Yes | | No 🗌 | Not Present ✓ | | | |
| | Custody seals intact on sample bottles? | Yes | | No 🗆 | Not Applicable 🗹 | | · · · · · · · · · · · · · · · · · · · | |
| | Chain of custody present? | Yes | ✓ | No 🗌 | | | | |
| | Chain of custody signed when relinquished and received? | Yes | V | No 🗆 | | -2 | | |
| · | Chain of custody agrees with sample labels? | Yes | Y | No 🗆 — | | | 2 () -) -) - (| |
| | Samples in proper container/bottle? | Yes | ✓ | No 🗌 | | | | |
| | Sample containers intact? | Yes | ✓ | No 🗌 | | | | |
| | Sufficient sample volume for indicated test? | Yes | ✓ | No 🗌 | | | | |
| | All samples received within holding time? | Yes | ✓ | No 🗌 | | | | |
| | Container/Temp Blank temperature in compliance? | Yes | V | No 🗌 | | | | |
| | Water - VOA vials have zero headspace? | Yes | | No 🗆 | No VOA vials submit | ted 🗸 | | |
| | Water - pH acceptable upon receipt? | Yes | Ò | No 🗆 | Not Applicable 🗹 | | -MATTER VINES A STATE OF THE ST | |

Comments:



Wednesday, November 30, 2011

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

TEL: 315-956-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results

Dear Mr. Al Farrell:

Life Science Laboratories, Inc. received 2 sample(s) on 11/17/2011 for the analyses presented in the following report. Sample results relate only to the samples as received by the laboratory.

Order No.: K1111194

Very truly yours, Life Science Laboratories, Inc.

Anthony Crescenzi Project Manager

ath C



5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT O'Brien & Gere Engineers, Inc.

Project: Former Accurate Die Cast

W Order: K1111194 Matrix: WATER Lab ID:

K1111194-001A

Client Sample ID: Effluent Comp 11/17/11 07:30

Collection Date:
Date Received:

11/17/11 7:30

11/17/11 8:10

| Analyte | Result Qual | PQL Units | DF | Date Analyzed | | |
|------------------------------|---|-----------------|----|----------------|--|--|
| RESIDUE-FILTERABLE (TDS) | karan en er | SM 18-20 2540 C | | | | |
| Residue-filterable (TDS) | 700 | 10 mg/L | 1 | 11/21/11 8:30 | | |
| | | | | | | |
| RESIDUE-NON-FILTERABLE (TSS) | | SM 18-20 2540 D | | | | |
| Residue-non-filterable (TSS) | ND | 5.0 mg/L | 1 | 11/21/11 13:30 | | |

Qualifiers:

* Value exceeds Maximum Contaminant Level

E Value exceeds the instrument calibration range

J Analyte detected below the PQL

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

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

Print Date: 11/30/11 11:17 Project Supervisor: Anthony Crescenzi Page 1 of 1

Analytical Results

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

StateCertNo: 10248

K1111194-002A

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

Project:

Former Accurate Die Cast

W Order: Matrix:

K1111194 WATER

Inst. ID:

MSK 75

ColumnID: Rtx-VMS 11/28/11 14:39

%Moisture: TestCode 8260W

Sample Size 10 mL

PrepDate:

Lab ID:

Collection Date:

Date Received:

BatchNo: FileID:

R23075

Client Sample ID: Effluent Grab 11/17/11 07:30

11/17/11 7:30

11/17/11 8:10

1-SAMP-K6940.D

Revision: Col Tyne:

| Corrype. | The state of the s | | Charles Company of the Company of th | - | |
|-----------------------------|--|------------|--|----|----------------|
| Analyte | Result Qual | ual PQL Un | | DF | Date Analyzed |
| VOLATILE ORGANIC COMPOUNI | OS BY GC/MS | | SW8260B | | |
| 1,1,2,2-Tetrachloroethane | ND | 0.50 | μg/L | 1 | 11/22/11 16:42 |
| cis-1,2-Dichloroethene | ND | 0.50 | μg/L | 1 | 11/22/11 16:42 |
| Methylene chloride | ND | 2.00 | μg/L | 1 | 11/22/11 16:42 |
| Tetrachloroethene | ND | 0.50 | μg/L | 1 | 11/22/11 16:42 |
| Toluene | ND | 0.50 | μg/L | 1 | 11/22/11 16:42 |
| trans-1.2-Dichloroethene | ND | 0.50 | μg/L | 1 | 11/22/11 16:42 |
| Trichloroethene | ND | 0.50 | μg/L | 1 | 11/22/11 16:42 |
| Surr: 1,2-Dichloroethane-d4 | 127 | 75-128 | %REC | 1 | 11/22/11 16:42 |
| Surr: 4-Bromofluorobenzene | 118 | 75-125 | %REC | 1 | 11/22/11 16:42 |
| Surr: Toluene-d8 | 100 | 75-125 | %REC | 1 | 11/22/11 16:42 |
| | | | | | |

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

Print Date: 11/28/11 14:43

583386

Project Supervisor: Anthony Crescenzi

Page 1 of 1





Life Science Laboratories, Inc. **Central Lab**

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

Chain of Custody

| Client: OBRIEN & GERE | | | | | | *************************************** | | | | Aı | nalysis | s/Meth | | · |
|-----------------------------------|-------|------|------------------------|---------------------------------------|-------|---|--|--------------|---|---------|---|--------|-------------------|-----------------------|
| Project: Former Accupate | G. | 1-40 | 7 | | | *************************************** | | 7 | , | , , | , | 7 | | |
| Sampled by: MARTIN KOENNY | - L | G2 | | · · · · · · · · · · · · · · · · · · · | | | / | | | ; / | / | / | / | |
| Client Contact: AL FanneL Phone # | | | | | | / / | \ \g | • / | | / | | - / | | |
| Sample Description | | | | | | 1 / 1 | $\frac{1}{2}$ |) / · | | | | / | | |
| Sample Location | Dat | е | Time Collected | Sample Matrix | Comp. | No. of Containers | 1/ 1/2 | 20/1/2 | | | | | | Comments |
| EffLuenT | 11-17 | | | custon | Comp | j | ************************************** | | | | | (| $f \rightarrow f$ | |
| Effluent | 11-17 | | | witer | GRAB | 3 | | 3 | | | | | | |
| | 1 | | | | | | | eminos. | | | | | | |
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| | | | | | | | | | | | | | | |
| Relinquished by: Ments Kinhue | | Da | te://-// ₇₋ | // Time | :8:10 | Receive | d by: | | | | <u></u> | D | ate: | Time: |
| Relinquished by: | | Da | te: | Time | : | Receive | d by: | | | | | D | ate: | Time: |
| Relinquished by: | | Da | te. | Time | | Receive | d by Lal | 0: | 7 | 18 | A O 4 SE | D | ate: /// | |
| Shipment Method: HAND | | | | | | Airbill N | umber: | | O TO THE PARTY OF | <i></i> | ***** | | <u></u> | |
| Routine X Rush | Comme | ents | | | | | | | | : | | | | Original III |
| Cooler Temperature: | | | | | | | | | | | | | | Original - Laboratory |

Sample Receipt Checklist

| Client Name: OBG-MS | | Date and Time Received: 11 | I/17/2011 8:10:00 AM |
|---|--------------------------|----------------------------|----------------------|
| Work Order Number: K1111194 | | Received by: esb | |
| Checklist completed by: | 17-11 | Reviewed by: | /(-/)-// Date |
| Delivery Method | d: <u>Hand Delivered</u> | <u>d</u> | |
| Shipping container/cooler in good condition? | Yes 🔽 | No Not Present | |
| Custody seals intact on shipping container/cooler? | Yes | No ☐ Not Present ✓ | |
| Custody seals intact on sample bottles? | Yes | No ☐ Not Applicable ✓ | |
| Chain of custody present? | Yes 🗸 | No 🗌 | |
| Chain of custody signed when relinquished and received? | Yes 🗸 | No 🗆 | |
| Chain of custody agrees with sample labels? | Yes 🗸 | No 🗔 | |
| Samples in proper container/bottle? | Yes 🗹 | No 🗔 | |
| Sample containers intact? | Yes 🗹 | No 🗌 | |
| Sufficient sample volume for indicated test? | Yes 🗸 | No 🗀 | |
| All samples received within holding time? | Yes 🗸 | No 🗔 | |
| Container/Temp Blank temperature in compliance? | Yes 🗸 | No 🗆 | |
| Water - VOA vials have zero headspace? | Yes 🗸 | No OA vials submitted | . |
| Water - pH acceptable upon receipt? | Yes | No Not Applicable | |

Comments:



Wednesday, November 30, 2011

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

TEL: 315-956-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results

Order No.: K1111223

Dear Mr. Al Farrell:

Life Science Laboratories, Inc. received 1 sample(s) on 11/21/2011 for the analyses presented in the following report. Sample results relate only to the samples as received by the laboratory.

Very truly yours, Life Science Laboratories, Inc.

Anthony Crescenzi

Project Manager



W Order: K1111223

Matrix: WATER

Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

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

Former Accurate Die Cast

Lab ID:

K1111223-001A

Client Sample ID: Effluent Comp 11/21/11

Collection Date: Date Received:

11/21/11 8:00 11/21/11 9:35

| Analyte | Result Qual | PQL Units | DF | Date Analyzed |
|------------------------------|-------------|-----------------|----|----------------|
| RESIDUE-FILTERABLE (TDS) | | SM 18-20 2540 C | | |
| Residue-filterable (TDS) | 640 | 10 mg/L | 1 | 11/21/11 8:30 |
| RESIDUE-NON-FILTERABLE (TSS) | | SM 18-20 2540 D | | |
| Residue-non-filterable (TSS) | ND | 5.0 mg/L | 1 | 11/22/11 13:30 |

Qualifiers:

Value exceeds Maximum Contaminant Level

Value exceeds the instrument calibration range

Analyte detected below the PQL

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

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)

Spike Recovery outside accepted recovery limits

Print Date: 11/30/11 11:19 Project Supervisor: Anthony Crescenzi Page 1 of 1



Cooler Temperature:

Life Science Laboratories, Inc. Central Lab

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

Chain of Custody

| Client: OBRIEN & GERE | Total incomments and | | | | | | | | T-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1 | Ar | nalysis | Meth | od | |
|---------------------------------------|--|---------|-------------------|------------------|------------------|----------------------|------------|-----|---|-------|----------|----------------|----------------|-------------|
| Droject. | ne | | | | | | 7 | | / | / | | / / | / / | |
| Sampled by: MARTIN Koenneck | | | | | · | | | _ / | | . / | / | / | | |
| | Phone | e # | | | d | | / | 5/ | | | | | | |
| Sample Des | | | | | | | | | | : / | | | | |
| Sample Location | Date Collec | е | Time Collected | Sample Matrix | Comp. or Grab | No. of Containers | 1/2/2 | | | | | | | Comments |
| EffLuenT | 1191 | 11 | 8:00 | water | Comp | j | - | | | | | | | |
| | | | | - | | | | | | | | | | |
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| Relinquished by: Math Komha | en e | Date | e://-3-1-/l | / Time | 9.32 | Receive | d by: | | | : | <u> </u> | D | ate: | Time: |
| Relinquished by: | | Date | e: | Time | : | Receive | d by: | | | | | D | ate: | Time: |
| Relinquished by: | | Date | e: | Time | | Receive | ed by Lab: | | | | | ate: | 7.00 | |
| Shipment Method: HAND | | | | | | Airbill No | | | No. | MD ac | | | <u>" 1/2/1</u> | Time: 01.35 |
| Turnaround Time Required: | Comme | ents: | | | | | | | · · · · · · · · · · · · · · · · · · · | | | | | |

Sample Receipt Checklist

| Client Name: OBG-MS | | Date and Time Received: | 11/21/2011 9:35:00 AM |
|---|------------------------------|-------------------------|-----------------------|
| Work Order Number: K1111223 | | Received by: rsd | |
| Checklist completed by: Initials | -2/- // Date | Reviewed by: | - 11-21-4 Date |
| Delivery M | ethod: <u>Hand Delivered</u> | | |
| Shipping container/cooler in good condition? | Yes 🗹 | No Not Present | |
| Custody seals intact on shipping container/cooler? | Yes | No Not Present | |
| Custody seals intact on sample bottles? | Yes | No Not Applicable | |
| Chain of custody present? | Yes 🗹 | No 🗆 | |
| Chain of custody signed when relinquished and received? | Yes 🗸 | No 🗆 | |
| Chain of custody agrees with sample labels? | Yes 🗸 | No 🗆 | |
| Samples in proper container/bottle? | Yes 🗹 | No 🗆 | |
| Sample containers intact? | Yes 🗹 | No 🗌 | |
| Sufficient sample volume for indicated test? | Yes 🗸 | No 🗆 | |
| All samples received within holding time? | Yes 🗹 | No 🗔 | |
| Container/Temp Blank temperature in compliance? | Yes 🗹 | No 🗆 | |
| Water - VOA vials have zero headspace? | Yes | No No VOA vials subn | nitted 🗸 |
| Water - pH acceptable upon receipt? | Ves | No Not Applicable | |

Comments:



Wednesday, December 21, 2011

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

TEL: 315-956-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results

Order No.: K1112003

Dear Mr. Al Farrell:

Life Science Laboratories, Inc. received 3 sample(s) on 12/1/2011 for the analyses presented in the following report. Sample results relate only to the samples as received by the laboratory.

Very truly yours, Life Science Laboratories, Inc.

Anthony Crescenzi Project Manager



5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT O'Brien & Gere Engineers, Inc.

Project:

Former Accurate Die Cast

W Order: K1112003 Matrix: WATER

Lab ID:

K1112003-001A

Client Sample ID: Effluent Comp 12/01/11

Collection Date: Date Received:

12/01/11 14:10 12/01/11 15:00

| | | | | | | | |
|---|-------------|-----------------------------|----|----------------|--|--|--|
| Analyte | Result Qual | PQL Units | DF | Date Analyzed | | | |
| RESIDUE-FILTERABLE (TDS) Residue-filterable (TDS) | 660 | SM 18-20 2540 C 10 mg/L | 1 | 12/02/11 13:39 | | | |
| RESIDUE-NON-FILTERABLE (TSS) Residue-non-filterable (TSS) | ND | SM 18-20 2540 D 5.0 mg/L | 1 | 12/06/11 14:00 | | | |

Qualifiers:

- Value exceeds Maximum Contaminant Level
- Value exceeds the instrument calibration range
- Analyte detected below the PQL
- Prim./Conf. column %D or RPD exceeds limit
- 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

Print Date: 12/21/11 13:18

Project Supervisor: Anthony Crescenzi

Page 1 of 1



Analytical Results

East Syracuse, NY 13057

(315) 445-1900

StateCertNo: 10248

CLIENT Project:

O'Brien & Gere Engineers, Inc.

Former Accurate Die Cast

Lab ID: Client Sample ID: Effluent Grab 12/01/11

K1112003-002A

W Order:

K1112003

Collection Date:

12/01/11 14:10

Matrix:

WATER

Date Received:

12/01/11 15:00

Inst. ID:

MSK 75

Sample Size: 10 mL

PrepDate:

R23248

ColumnID

Rtx-VMS

12/15/11 15:05

%Moisture: TestCode 8260W BatchNo: FileID:

1-SAMP-K7327.D

Revision: Col Type:

| Cor Type: | | | | | |
|-----------------------------|-------------|--------|---------|-----|----------------|
| Analyte | Result Qual | PQL | Units | DF | Date Analyzed |
| VOLATILE ORGANIC COMPOUND | S BY GC/MS | | SW8260B | | |
| 1,1,2,2-Tetrachloroethane | ND | 0.50 | μg/L | 1 | 12/13/11 16:30 |
| cis-1,2-Dichloroethene | ND | 0.50 | μg/L | 1 | 12/13/11 16:30 |
| Methylene chloride | ND | 2.00 | μg/L | 1 | 12/13/11 16:30 |
| Tetrachloroethene | ND | 0.50 | μg/L | 1 | 12/13/11 16:30 |
| Toluene | ND | 0.50 | μg/L | 1 | 12/13/11 16:30 |
| trans-1,2-Dichloroethene | ND | 0.50 | μg/L | 1 | 12/13/11 16:30 |
| Trichloroethene | ND | 0.50 | μg/L | 1 | 12/13/11 16:30 |
| Surr: 1,2-Dichloroethane-d4 | 109 | 75-128 | %REC | . 1 | 12/13/11 16:30 |
| Surr: 4-Bromofluorobenzene | 114 | 75-125 | %REC | 1 | 12/13/11 16:30 |
| Surr: Toluene-d8 | 99 | 75-125 | %REC | -1- | 12/13/11 16:30 |

Qualifiers:

Value exceeds Maximum Contaminant Level

Value exceeds the instrument calibration range

Analyte detected below the PQL

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

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



Analytical Results

East Syracuse, NY 13057

(315) 445-1900

StateCertNo: 10248

CLIENT Project:

O'Brien & Gere Engineers, Inc.

Lab ID: Client Sample ID: Between Carbons Grab

K1112003-003A

Former Accurate Die Cast

12/01/11

W Order:

K1112003

12/01/11 14:10

Matrix:

WATER

Collection Date:

Inst. ID:

Date Received:

12/01/11 15:00

ColumnID

MSK 75

Sample Size: 10 mL

PrepDate:

R23248

Revision:

Rtx-VMS

12/15/11 15:05

%Moisture: TestCode 8260W BatchNo: FileID:

1-SAMP-K7328.D

Col Type:

| Analyte | Result Qual | PQL | Units | DF | Date Analyzed |
|-----------------------------|-------------|--------|---------|-----|----------------|
| VOLATILE ORGANIC COMPOUND | S BY GC/MS | | SW8260B | | |
| 1,1,2,2-Tetrachloroethane | ND | 0.50 | μg/L | 1 | 12/13/11 17:02 |
| cis-1,2-Dichloroethene | ND | 0.50 | μg/L | . 1 | 12/13/11 17:02 |
| Methylene chloride | ND | 2.00 | μg/L | 1 | 12/13/11 17:02 |
| Tetrachloroethene | ND | 0.50 | μg/L | 1 | 12/13/11 17:02 |
| Toluene | ND | 0.50 | μg/L | 1 | 12/13/11 17:02 |
| trans-1,2-Dichloroethene | ND | 0.50 | μg/L | 1 | 12/13/11 17:02 |
| Trichloroethene | ND | 0.50 | μg/L | 1 | 12/13/11 17:02 |
| Surr: 1,2-Dichloroethane-d4 | 112 | 75-128 | %REC | 1 | 12/13/11 17:02 |
| Surr: 4-Bromofluorobenzene | 114 | 75-125 | %REC | 1 | 12/13/11 17:02 |
| Surr: Toluene-d8 | 98 | 75-125 | %REC | 1 | 12/13/11 17:02 |

Qualifiers:

Value exceeds Maximum Contaminant Level

Value exceeds the instrument calibration range

Analyte detected below the PQL

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

Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Practical Quantitation Limit (PQL)

Spike Recovery outside accepted recovery limits

Print Date: 12/21/11 13:19

586297

Project Supervisor: Anthony Crescenzi



Cooler Temperature: 10.0 on I a

Life Science Laboratories, Inc. Central Lab

5854 Butternut Drive East Syracuse, New York 13057 (315) 445-1105 **Chain of Custody**

| Client: OBRIEN & GERE | | | | | | | | | 12 | | | | | |
|--------------------------------------|-------------|--------------|--|------------------|---------------------------------------|----------------------|-------------|---------------------------------------|--------------------------------|-------|---------|------------|------------|--------------|
| Project: Accurate Die | - | | · · · · · · · · · · · · · · · · · · · | | | | ļ | | r | Ar | nalysis | Meth | od | |
| Sampled by: MARTIN Koenne | Lo | | · | | | *** | / | , / | | | , / | <i>'</i> / | | |
| Client Contact: AL FARREL | Phone | > # | | · | · · · · · · · · · · · · · · · · · · · | | - | (2) | / | - / - | | | / | |
| THE PARKEL | | | ······································ | | | | / | | o \setminus $^{\prime}$ | | | /- | | |
| Sample Do | | | | | | | 1/1/2 | | Solo Solo | `/ | | / | / | |
| Sample Location | Da Colle | | Time Collected | Sample Matrix | Comp. or Grab | No. of Containers | V K | ,\ _{P0} | \ P. | | / | | | Comments |
| EffLvenT | 12-1 | -11 | 14:10 | water | | 1 | 1 | | / | | | f | | |
| EffLuenT | 12-1 | -11 | 14:10 | WATER | GRAB | 3 | | 3 | | | | | | |
| BETWEEN CARBONS | 12-1 | - 11 | 14:10 | WATER | | | | | -3 | | | | | |
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| Relinquished by: Mats Kanhan | | Dat | te: /2-/- | // Time: | 1500 | Receive | d by: | | | | | .D. | l <u> </u> | ··· |
| Relinquished by: | | Dat | | Time: | | Receive | | · · · · · · · · · · · · · · · · · · · | | | | | | Time: |
| Relinquished by: | | Dat | e: | Time: | | Received | | | 7 | | | | ate: | Time: |
| Shipment Method: HAND | 1 | | | | · | <u>.</u> | | · () | 5 | | | Da | ate:/2/-11 | Time: /5 ; - |
| | | | | | | Airbill Nu | ımber: | | | | | | | |
| Turnaround Time Required: Routine X | Comme | ents: | | | | | | | | | | | | |

Sample Receipt Checklist

| Client Name: OBG-MS | | Date and Ti | me Received: 1 | 2/1/2011 3:00:00 PM |
|---|---------------------------|-------------|------------------------|---------------------|
| Work Order Number: K1112003 | | Received by | y: gis | |
| Checklist completed by: (2) | - \ - \ \ e | Reviewed | by: AC. | 12-2-11 Date |
| Delivery Metho | od: <u>Hand Delivered</u> | | | |
| Shipping container/cooler in good condition? | Yes 🗹 | No 🗌 | Not Present | |
| Custody seals intact on shipping container/cooler? | Yes | No 🗌 | Not Present | |
| Custody seals intact on sample bottles? | Yes | No 🗌 | Not Applicable | |
| Chain of custody present? | Yes 🗸 | No 🗌 | | |
| Chain of custody signed when relinquished and received? | Yes 🗸 | No 🗌 | | |
| Chain of custody agrees with sample labels? | Yes 🗸 | No 🗌 | | |
| Samples in proper container/bottle? | Yes 🗸 | No 🗌 | | |
| Sample containers intact? | Yes 🗸 | No 🗆 | | |
| Sufficient sample volume for indicated test? | Yes 🗸 | No 🗌 | | |
| All samples received within holding time? | Yes 🗸 | No 🗌 | | |
| Container/Temp Blank temperature in compliance? | Yes 🗸 | No 🗌 | | |
| Water - VOA vials have zero headspace? | Yes 🗸 | No 🗆 | No VOA vials submitted | |
| Water - pH acceptable upon receipt? | Yes | No 🗆 | Not Applicable | |
| | | | | |

Comments:

Corrective Action:



Wednesday, December 21, 2011

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

TEL: 315-956-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results

Order No.: K1112073

Dear Mr. Al Farrell:

Life Science Laboratories, Inc. received 1 sample(s) on 12/8/2011 for the analyses presented in the following report. Sample results relate only to the samples as received by the laboratory.

Very truly yours, Life Science Laboratories, Inc.

Anthony Crescenzi Project Manager



Matrix:

Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

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

Former Accurate Die Cast

W Order: K1112073 WATER

Lab ID:

K1112073-001A

Client Sample ID: Effluent Comp 12/8/11

Collection Date:

12/08/11 7:30

Date Received:

12/08/11 7:55

| Analyte | Result Qual | PQL Units | DF | Date Analyzed |
|------------------------------|-------------|-----------------|----|----------------|
| RESIDUE-FILTERABLE (TDS) | | SM 18-20 2540 C | | |
| Residue-filterable (TDS) | 710 | 10 mg/L | 1 | 12/08/11 8:28 |
| · | | | | |
| RESIDUE-NON-FILTERABLE (TSS) | | SM 18-20 2540 D | | |
| Residue-non-filterable (TSS) | ND | 5.0 mg/L | 1 | 12/15/11 14:00 |

Qualifiers:

Value exceeds Maximum Contaminant Level

E Value exceeds the instrument calibration range

Analyte detected below the PQL

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

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

Print Date: 12/21/11 13:15 Project Supervisor: Anthony Crescenzi Page 1 of 1



Life Science Laboratories, Inc. **Central Lab**

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

Chain of Custody

| Client: OBRIEN & GERE | A CONTRACTOR OF THE PROPERTY O | | | | | | | | Ar | nalysis | /Meth | od | |
|-------------------------------|--|--------------|---|------------------|----------------------|----------|------------|---------|--|----------|-------|------|-------------|
| Project: Accurate DIE | | | | | | 7 | 7 | | / | | / | 1 | |
| Sampled by: MARTIN KOENNEC | Kul | | *************************************** | | | | / | | | / . | | / | |
| Client Contact: AL FARREC F | hone | # | | | | | 50/ | | | | /: | - / | |
| Sample Des | cripti | on | 1900 | -, | | 1/25 | | | | | | | |
| Sample Location | Date Collect | | Sample Matrix | Comp. or Grab | No. of Containers | 12 | | | | | | | Comments |
| Effluent | 12-8- | 11 7:30 | water | Cump | l | <i>[</i> | | | | | | | |
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| Relinquished by: Month Kumbre | | Date: /2-8-/ | Time | : 7 <i>55</i> | Receive | d by: | | | <u> </u> | 1 | · D: | ate: | Time: |
| Relinquished by: | | Date: | Time | : | Receive | d by: | | | | | Da | ate: | Time: |
| Relinquished by: | | Date: | Time | • | Receive | d by Lat |): | £ 42000 | ALLEN AND AND AND AND AND AND AND AND AND AN | | 12-P | | 07:55 Time: |
| Shipment Method: [AND | | | | | Airbill N | umber: | Carrier 67 | | - Constitution of the Cons | | 0 | - 11 | U |
| Turnaround Time Required: | omme | nts: | | | | | | | ****** | | - 1 | | |

Routine

Rush Cooler Temperature:

Original - Laboratory Copy - Client

Sample Receipt Checklist

| Client Name: OBG-MS | | | Date and | Time Received: | 12/8/2011 7:55:00 AM |
|--|------------------|---------------|----------|--|----------------------|
| Work Order Number: K1112073 | | | Received | by: esb | |
| | | | | | |
| Checklist completed by: | 12- | 8-11 | Reviewe | ed by: AC | 12-8-11 |
| Initials | Date | | _ | Initials | Date |
| | Delivery Method: | Hand Delivere | <u>d</u> | | |
| Shipping container/cooler in good condition? | | Yes 🗹 | No 🗌 | Not Present | |
| Custody seals intact on shipping container/cooler? | | Yes | No 🗌 | Not Present | |
| Custody seals intact on sample bottles? | | Yes | No 🗌 | Not Applicable | |
| Chain of custody present? | | Yes 🗹 | No 🗆 | | |
| Chain of custody signed when relinquished and rece | ived? | Yes 🗸 | No 🗌 | | |
| Chain of custody agrees with sample labels? | | Yes 🗹 | No 🗌 | | |
| Samples in proper container/bottle? | | Yes 🗹 | No 🗌 | رائد آگاری استعداد السواحد المد معارف المعارف المعارف المعارف | |
| Sample containers intact? | | Yes 🗹 | No 🗆 | | |
| Sufficient sample volume for indicated test? | | Yes 🗹 | No 🗆 | | |
| All samples received within holding time? | | Yes 🗸 | No 🗌 | | |
| Container/Temp Blank temperature in compliance? | | Yes 🗹 | No 🗌 | | |
| Water - VOA vials have zero headspace? | | Yes \square | No 🗆 | No VOA vials submitte | bed 🗹 |
| Water - pH acceptable upon receipt? | | Yes 🗌 | No 🗆 | Not Applicable 🗹 | |

Comments:

Corrective Action:



Friday, December 23, 2011

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

TEL: 315-956-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results

Order No.: K1112151

Dear Mr. Al Farrell:

Life Science Laboratories, Inc. received 1 sample(s) on 12/13/2011 for the analyses presented in the following report. Sample results relate only to the samples as received by the laboratory.

Very truly yours, Life Science Laboratories, Inc.

Anthony Crescenzi

Project Manager



5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

O'Brien & Gere Engineers, Inc. Project:

Former Accurate Die Cast

W Order: K1112151 WATER Matrix:

K1112151-001A Lab ID:

Client Sample ID: Effluent Comp 12/13/11

Collection Date: Date Received:

12/13/11 8:00 12/13/11 8:30

| Analyte | Result | Qual | PQL Units | DF | Date Analyzed |
|------------------------------|--------|------|-----------------|----|---------------|
| RESIDUE-FILTERABLE (TDS) | | | SM 18-20 2540 C | | |
| Residue-filterable (TDS) | 770 | | 10 mg/L | 1 | 12/13/11 9:09 |
| | | | | | |
| RESIDUE-NON-FILTERABLE (TSS) | | | SM 18-20 2540 D | | |
| Residue-non-filterable (TSS) | ND | | 5.0 mg/L | 1 | 12/19/11 |

Qualifiers:

- Value exceeds Maximum Contaminant Level
- E Value exceeds the instrument calibration range
- Analyte detected below the PQL
- Prim./Conf. column %D or RPD exceeds limit
- 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

Print Date: 12/23/11 10:07 Page 1 of 1 Project Supervisor: Anthony Crescenzi





Cooler Temperature:

Life Science Laboratories, Inc. Central Lab

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

Chain of Custody

| Client: OB | RIEN & G | ERE | | | | 1414 | | <u> </u> | | | ıA | nalysis | /Meth | od | |
|----------------------------|----------------|------------|--|----------------------|------------------|---------------------------------------|----------------------|----------|------|---------|---------------|---------|-------|-----------|----------------|
| | cupate D | | | | | | | 1 / | | / | | / | / | / / | |
| Sampled by: | | Koennecke | | : | | | | 1 / | | | : / | 1 | 1 | | |
| Client Contact: | | | hone | # | | , | | / | | • / | | | | . / | |
| | 110 1 11 | Sample Des | | | | · · · · · · · · · · · · · · · · · · · | | 1/5 | | | | | | | |
| Sa | imple Location | | Date Collecte | Time ed Collected | Sample Matrix | Comp. or Grab | No. of Containers | 12 | | | | | | / | Comments |
| 00 (| Effl | ent | 12-13 | 11 8:00 | water | Comp | 1 | | | | | | | | |
| | | : | | | | | | | | | | j | | | |
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| 4. | | : | | | | | | | | | | | | | |
| Relinquished by: | North Kom | Li. | | Date:/ <i>ス-/3</i> | -// Time | :8:30 | Receive | d by: | | l· | : | | .D | ate: | Time: |
| Relinquished by: | • | | -1112-1911 | Date: | Time | : | Receive | d by: | | - miles | | | D | ate: | Time: |
| Relinquished by: | | | • | Date: | Time | : | Receive | <u> </u> |): K | 7 | | | | | |
| Shipment Method: | HAND | | | | | ······· | Airbill N | | | نے۔۔۔کے | of management | - | | -10-14-13 | ~// Time:08:30 |
| - | | | | : | | | All Dill N | umper: | | | | | | | |
| Turnaround Time Routine | Required: | C | ommer | nts: | | | | | | | | | | | |

Sample Receipt Checklist

| Client Name: OBG-MS | | Date and Tir | me Received: | 12/13/2 | 011 8:30:00 AM |
|---|---------------------------|--------------|-----------------|-----------|----------------|
| Work Order Number: K1112151 | | Received by | gis : | | |
| | 13- 11 ate | Reviewed | by: AC | 12- | -/3-// Date |
| Delivery Meth | od: <u>Hand Delivered</u> | | | | |
| Shipping container/cooler in good condition? | Yes 🗸 | No 🗆 | Not Present | | |
| Custody seals intact on shipping container/cooler? | Yes | No 🗌 | Not Present | | |
| Custody seals intact on sample bottles? | Yes | No 🗌 | Not Applicable | | |
| Chain of custody present? | Yes 🗸 | No 🗌 | | | |
| Chain of custody signed when relinquished and received? | Yes 🗸 | No 🗌 | | | |
| Chain of custody agrees with sample labels? | Yes 🗸 | No 🗔 | | | |
| Samples in proper container/bottle? | Yes 🗸 | No 🗔 | | | |
| Sample containers intact? | Yes 🗸 | No 🗌 | | | |
| Sufficient sample volume for indicated test? | Yes 🗸 | No. | | | |
| All samples received within holding time? | Yes 🗸 | No 🗌 | | | |
| Container/Temp Blank temperature in compliance? | Yes 🗸 | No 🗌 | | | |
| Water - VOA vials have zero headspace? | Yes | No 🗔 | No VOA vials su | bmitted 🔽 | |
| Water - pH acceptable upon receipt? | Yes | No 🗌 | Not Applicable | . 🗹 | |

Comments:

Corrective Action:



Thursday, December 29, 2011

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

TEL: 315-956-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results

Order No.: K1112221

Dear Mr. Al Farrell:

Life Science Laboratories, Inc. received 2 sample(s) on 12/19/2011 for the analyses presented in the following report. Sample results relate only to the samples as received by the laboratory.

Very truly yours, Life Science Laboratories, Inc.

Anthony Crescenzi Project Manager



5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT O'Brien & Gere Engineers, Inc.

Project: Former Accurate Die Cast

W Order: K1112221 Matrix: WATER Lab ID: K1112221-001A

Client Sample ID: Effluent Comp 12/19/11 07:30

Collection Date:

12/19/11 7:30

Date Received: 12

12/19/11 8:00

| Analyte | Result Qual | PQL Units | DF | Date Analyzed |
|---|----------------------|-----------------------------------|----|----------------|
| RESIDUE-FILTERABLE (TDS) Residue-filterable (TDS) | 710 | SM 18-20 2540 C 10 mg/L | 1 | 12/20/11 10:23 |
| | - macro-quantitative | | | |
| RESIDUE-NON-FILTERABLE (TSS) | | SM 18-20 2540 D | | |
| Residue-non-filterable (TSS) | ND | 5.0 mg/L | 1 | 12/20/11 14:00 |

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit
- 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

Print Date: 12/29/11 15:09 Project Supervisor: Anthony Crescenzi Page 1 of 1

Life Science Laboratories, Inc. 5854 Butternut Drive

Analytical Results

East Syracuse, NY 13057

(315) 445-1900

StateCertNo: 10248

CLIENT

O'Brien & Gere Engineers, Inc.

Lab ID:

K1112221-002A

Project:

Former Accurate Die Cast

Client Sample ID: Effluent Grab 12/19/11 07:30

W Order:

K1112221

WATER

Collection Date:

12/19/11 7:30

Matrix:

Date Received:

12/19/11 8:00

Inst. ID:

MSK 75

Sample Size: 10 mL

TestCode 8260W

PrepDate:

ColumnID

Rtx-VMS

12/27/11 9:00

%Moisture:

BatchNo: FileID:

R23310 1-SAMP-K7523.D

Revision:

| Col Type: | | ** | | | |
|-----------------------------|--------------|--------|---------|-----|----------------|
| Analyte | Result Qual | PQL | Units | DF | Date Analyzed |
| VOLATILE ORGANIC COMPOU | NDS BY GC/MS | | SW8260B | | |
| 1,1,2,2-Tetrachloroethane | ND | 0.50 | μg/L | 1 | 12/21/11 17:52 |
| cis-1,2-Dichloroethene | ND | 0.50 | μg/L | 1 | 12/21/11 17:52 |
| Methylene chloride | ND | 2.00 | μg/L | 1 | 12/21/11 17:52 |
| Tetrachloroethene | ND | 0.50 | μg/L | 1 | 12/21/11 17:52 |
| Toluene | ND | 0.50 | μg/L | 1 | 12/21/11 17:52 |
| trans-1,2-Dichloroethene | ND | 0.50 | μg/L | 1 | 12/21/11 17:52 |
| Trichloroethene | ND | 0.50 | μg/L | 1 | 12/21/11 17:52 |
| Surr: 1,2-Dichloroethane-d4 | 113 | 75-128 | %REC | 1 | 12/21/11 17:52 |
| Surr: 4-Bromofluorobenzene | 116 | 75-125 | %REC | 1 | 12/21/11 17:52 |
| Surr: Toluene-d8 | 98 | 75-125 | %REC | . 1 | 12/21/11 17:52 |

Qualifiers:

Value exceeds Maximum Contaminant Level

Value exceeds the instrument calibration range Ε

Analyte detected below the PQL

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

Analyte detected in the associated Method Blank

Holding times for preparation or analysis exceeded Η

Not Detected at the Practical Quantitation Limit (PQL)

Spike Recovery outside accepted recovery limits

Print Date: 12/29/11 15:10

587567

Project Supervisor: Anthony Crescenzi

Page 1 of 1



Cooler Temperature:

Life Science Laboratories, Inc. Central Lab

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

Chain of Custody

| Client: OBRIEN A-GENT | | | | - 1 - 4 - 1 | | | т | | | · | | | | |
|--|----------|--|-------------------|------------------------|-------------|----------------------|-----------|----------|------|----------|--|----------|----------|--|
| O STOPEN & WERE | | | | | | | | | | Aı | nalysis | s/Meth | od | |
| Project: ACCURATE DIE | | | | | | | / | / | / | / / | 7 | / / | / / | ************************************** |
| Sampled by: Martin Knewner | Va | The state of the s | | | | #* | 1 / | / | / | | / | / | / | |
| | hone | | | ···· | | | / | 2/ | - / | | | | _ / | |
| Sample Description | | | | | | | | 20/7/20 | 20 | | | | | |
| Sample Location | Da | te | Time Collected | Sample Matrix | Comp. | No. of Containers | 12 | | 090 | | | | / | Comments |
| DOI EffLUENT | 12-1 | 9-11 | 730 | water | | 1 | 1 | | | | | | | |
| EffLuenT | 12-1 | 9-11 | 730 | WATER | GRAB | 3 | | 3 | | | | | | |
| | | | | | | | | <u> </u> | | | <u> </u> | | | |
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| Relinquished by: Month Kountine | <u> </u> | Dat | te:12-19- | // Time | :8:00 | Receive | d by: | | 1. | | Manual Ma | | | |
| Relinquished by: | | Dat | | Time | | | · · · · · | | · | | | ····· | ate: | Time: |
| Relinquished by: | | | | | | Receive | | | ~ | | | | ate: | Time: |
| | | Dat | te: | Time | : | Receive | d by Lat |): // | 55 8 | <u> </u> | | Da | ate:/2~/ | 7-11 Time:08:00 |
| Shipment Method: HAND | | * | | | | Airbill Nu | umber: | <u></u> | | | | | | |
| Turnaround Time Required: C Routine X Rush | omme | ents: | | | | | | | | | 111 | | | · · · · · · · · · · · · · · · · · · · |

Sample Receipt Checklist

| Client Name: OBG-MS | Date and Time Received: 12/19/2011 8:00:00 AM | | | | | | | | |
|---|---|--|--|--|--|--|--|--|--|
| Work Order Number: K1112221 | Received by: gis | | | | | | | | |
| Checklist completed by: 65 12-19 Initials Date | Reviewed by: AC 12-19-11 | | | | | | | | |
| Delivery Method: <u>Hand Delivered</u> | | | | | | | | | |
| Shipping container/cooler in good condition? Yes | ✓ No □ Not Present □ | | | | | | | | |
| Custody seals intact on shipping container/cooler? Yes | □ No □ Not Present ☑ | | | | | | | | |
| Custody seals intact on sample bottles? Yes | □ No □ Not Applicable ☑ | | | | | | | | |
| Chain of custody present? Yes | ✓ No □ | | | | | | | | |
| Chain of custody signed when relinquished and received? Yes | ✓ No □ | | | | | | | | |
| Chain of custody agrees with sample labels? Yes | ✓ No □ | | | | | | | | |
| Samples in proper container/bottle? | ✓ No □ | | | | | | | | |
| Sample containers intact? Yes | ✓ No □ | | | | | | | | |
| Sufficient sample volume for indicated test? | ✓ No □ | | | | | | | | |
| All samples received within holding time? | ✓ No □ | | | | | | | | |
| Container/Temp Blank temperature in compliance? Yes | ✓ No □ | | | | | | | | |
| Water - VOA vials have zero headspace? Yes | ✓ No No VOA vials submitted □ | | | | | | | | |
| Water - pH acceptable upon receipt? Yes | □ No □ Not Applicable ☑ | | | | | | | | |

Comments:

Corrective Action:



Thursday, December 29, 2011

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

TEL: 315-956-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results

Order No.: K1112280

Dear Mr. Al Farrell:

Life Science Laboratories, Inc. received 1 sample(s) on 12/27/2011 for the analyses presented in the following report. Sample results relate only to the samples as received by the laboratory.

Very truly yours,

Life Science Laboratories, Inc.

Anthony Crescenzi

Project Manager



Project:

Life Science Laboratories, Inc.

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT O'Brien & Gere Engineers, Inc.

Former Accurate Die Cast

K1112280-001A

Client Sample ID: Effluent Comp 12/27/11

W Order: K1112280 Matrix: WATER

12/27/11 7:30

Collection Date: Date Received: 12/27/11 8:00

Lab ID:

| Analyte | Result Qual | PQL Units | DF | Date Analyzed |
|------------------------------|-------------|-----------------|----|----------------|
| RESIDUE-FILTERABLE (TDS) | | SM 18-20 2540 C | | |
| Residue-filterable (TDS) | 690 | 10 mg/L | 1 | 12/27/11 8:24 |
| RESIDUE-NON-FILTERABLE (TSS) | | SM 18-20 2540 D | | |
| Residue-non-filterable (TSS) | ND | 5.0 mg/L | 1 | 12/27/11 13:30 |

Qualifiers:

Value exceeds Maximum Contaminant Level

E Value exceeds the instrument calibration range

Analyte detected below the PQL

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

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

Print Date: 12/29/11 15:13 Project Supervisor: Anthony Crescenzi Page 1 of 1



Rush

Cooler Temperature:_____

Life Science Laboratories, Inc. Central Lab

K1112280

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

Chain of Custody

| | _ | | | | | | · | T | | | | | | | |
|--|------------------|--|----------------|---------------|-----------------------|------------------|----------------------|-----------------|---------|-----|---|---|-----|----------|-----------------|
| Client: OBRIEN \$ | GERE | | | | | | | Analysis/Method | | | | | | | |
| Project: Accurate | Die | And depolated and | | | | | | | / | / , | 7 | / | / | / - / | 1 |
| I Thursday is a control of the contr | r Koena | ecke | | | . ?. | | | / | | / | | | () | / | |
| Client Contact: AL FARREL Phone # | | | | | / | R/ | | | | | | | | | |
| Sample Description | | | | | 1 / | - 1 | | | | | | | | | |
| Sample Location | | Date | e T ted Col | ime lected | Sample Matrix | Comp. or Grab | No. of Containers | 1 / L | 3 / | | | | | | Comments |
| oo) Effl | vent | 12-27 | | | water | | j | 1 | | | | | | | |
| | | | | | | | | 1.5 | | | | | * | | |
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| | | | | | | | | | | - A | | | | | |
| | 915 (March 1986) | | | | | | | | | | | | | | |
| Relinquished by: Math Kom | he. | | Date: / | 2-21 | _ / _/ Time | 8:00 | Receive | d by: | | | | | D | ate: | Time: |
| Relinquished by: | | | Date: | | Time | | Receive | d by: | | | | | D | ate: | Time: |
| Relinquished by: | | | Date: | | Time | | Receive | d by La | b: / -{ | 3 | 5 | | D | ate: /みっ | 7-1/ Time:05:00 |
| Shipment Method: Hand | | A sense of contract of contrac | | | | | Airbill Nu | ımber: | | /- | | | - | | |
| Turnaround Time Required: | C | ommei | nts: | | | | | | | | | | | | |

Original - Laboratory Copy - Client

Sample Receipt Checklist

| Client Name: OBG-MS | Ī | Date and Time Received: | 12/27/2011 8:00:00 AM |
|---|------------------|-------------------------|-----------------------|
| Work Order Number: K1112280 | | Received by: gis | |
| Initials Date | 27-11 | Reviewed by: | _ 12-37-1/ Date |
| Delivery Method | : Hand Delivered | | |
| Shipping container/cooler in good condition? | Yes 🗹 | No Not Present | |
| Custody seals intact on shipping container/cooler? | Yes | No Not Present | |
| Custody seals intact on sample bottles? | Yes | No Not Applicable | 7 |
| Chain of custody present? | Yes 🗹 | No 🗔 | |
| Chain of custody signed when relinquished and received? | Yes 🗸 | No 🗔 | |
| Chain of custody agrees with sample labels? | Yes 🗸 | No 🗆 | |
| Samples in proper container/bottle? | Yes 🗸 | No 🗆 | |
| Sample containers intact? | Yes 🗹 | No 🗆 | |
| Sufficient sample volume for indicated test? | Yes 🗸 | No 🗆 | |
| All samples received within holding time? | Yes 🗸 | No 🗆 | |
| Container/Temp Blank temperature in compliance? | Yes 🗹 | No 🗆 | |
| Water - VOA vials have zero headspace? | Yes | No OA vials subr | nitted 🗹 |
| Water - pH acceptable upon receipt? | Yes | No Not Applicable | / |

Comments:

Corrective Action:

Groundwater Monitoring
Laboratory Reports



Monday, December 05, 2011

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

TEL: 315-956-6100

Project: FORMER ACCURATE DIE CAST

RE: Analytical Results

Order No.: K1111292

Dear Mr. Al Farrell:

Life Science Laboratories, Inc. received 18 sample(s) on 11/29/2011 for the analyses presented in the following report. Sample results relate only to the samples as received by the laboratory.

Very truly yours, Life Science Laboratories, Inc.

Anthony Crescenzi Project Manager

Analytical Results

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

StateCertNo: 10248

CLIENT O'Brien & Gere Engineers, Inc.

Project:

Former Accurate Die Cast

W Order:

K1111292 WATER

Matrix:

Inst. ID: ColumnID: Rtx-VMS

MSK 75

12/02/11 11:42

%Moisture:

Sample Size 10 mL

TestCode 8260W_6012

Lab ID:

K1111292-001A Client Sample ID: MW-14-112911

Collection Date: Date Received:

11/29/11 8:10 11/29/11 16:23

PrepDate:

BatchNo:

R23139

FileID:

1-SAMP-K7082.D

Revision: Col Type:

| Analyte | Result Qual | PQL | Units | DF | Date Analyzed |
|-----------------------------|-------------|--------|---------|-----|---------------|
| VOLATILE ORGANIC COMPOUND | S BY GC/MS | | SW8260B | | |
| 1,1,1-Trichloroethane | ND | 0.50 | μg/L | 1 | 11/30/11 9:46 |
| 1,1,2,2-Tetrachloroethane | ND | 0.50 | μg/L | 1 | 11/30/11 9:46 |
| 1,1,2-Trichloroethane | ND | 0.50 | μg/L | 1 | 11/30/11 9:46 |
| 1,1-Dichloroethane | ND | 0.50 | μg/L | 1 | 11/30/11 9:46 |
| 1,1-Dichloroethene | ND | 0.50 | μg/L | 1 | 11/30/11 9:46 |
| 1,2-Dichlorobenzene | | 0.50 | µg/L | 1 | 11/30/11 9:46 |
| 1,2-Dichloroethane | ND | 0.50 | μg/L | 1 | 11/30/11 9:46 |
| 1,2-Dichloropropane | ND | 0.50 | μg/L | 1 - | 11/30/11 9:46 |
| 1,3-Dichlorobenzene | ND | 0.50 | μg/L | 1 | 11/30/11 9:46 |
| 1,4-Dichlorobenzene | ND | 0.50 | μg/L | 1 | 11/30/11 9:46 |
| 2-Chloroethylvinyl ether | ND | 5.00 | μg/L | 1 | 11/30/11 9:46 |
| Benzene | ND | 0.50 | μg/L | 1 | 11/30/11 9:46 |
| Bromodichloromethane | ND | 0.50 | μg/L | 1 | 11/30/11 9:46 |
| Bromoform | ND | 1.00 | μg/L | 1 | 11/30/11 9:46 |
| Bromomethane | ND · | 1.00 | μg/L | 1 | 11/30/11 9:46 |
| Carbon tetrachloride | ND | 0.50 | μg/L | 1 | 11/30/11 9:46 |
| Chlorobenzene | ND | 0.50 | μg/L | 1 | 11/30/11 9:46 |
| Chloroethane | ND | 1.00 | μg/L | 1 | 11/30/11 9:46 |
| Chloroform | ND | 0.50 | μg/L | 1 | 11/30/11 9:46 |
| Chloromethane | ND | 1.00 | μg/L | 1 | 11/30/11 9:46 |
| cis-1,2-Dichloroethene | ND | 0.50 | μg/L | 1 | 11/30/11 9:46 |
| cis-1,3-Dichloropropene | ND | 0.50 | μg/L | 1 | 11/30/11 9:46 |
| Dibromochloromethane | ND | 0.50 | μg/L | 1 | 11/30/11 9:46 |
| Dichlorodifluoromethane | ND | 1.00 | μg/L | 1 | 11/30/11 9:46 |
| Ethylbenzene | ND | 0.50 | μg/L | 1 | 11/30/11 9:46 |
| Methylene chloride | ND . | 2.00 | μg/L | 1 | 11/30/11 9:46 |
| Tetrachloroethene | ND | 0.50 | μg/L | 1 | 11/30/11 9:46 |
| Toluene | ND | 0.50 | μg/L | 1 | 11/30/11 9:46 |
| trans-1,2-Dichloroethene | ND | 0.50 | μg/L | 1 | 11/30/11 9:46 |
| trans-1,3-Dichloropropene | ND | 0.50 | μg/L | 1 | 11/30/11 9:46 |
| Trichloroethene | 17.8 | 0.50 | μg/L | 1 | 11/30/11 9:46 |
| Trichlorofluoromethane | ND | 1.00 | μg/L | 1 | 11/30/11 9:46 |
| Vinyl chloride | ND | 1.00 | μg/L | 1 | 11/30/11 9:46 |
| Surr: 1,2-Dichloroethane-d4 | 122 | 75-128 | %REC | 1 | 11/30/11 9:46 |
| OMIT I'M DIGITION OF THE | · —- | | | | |

Qualifiers:

- Value exceeds Maximum Contaminant Level
- Value exceeds the instrument calibration range
- Analyte detected below the PQL
- Prim./Conf. column %D or RPD exceeds limit
- 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

Print Date: 12/02/11 13:55

584275

Project Supervisor: Anthony Crescenzi

Page 1 of 36

Life Science Laboratories, Inc. 5854 Butternut Drive

Analytical Results

East Syracuse, NY 13057

(315) 445-1900

StateCertNo: 10248

CLIENT

O'Brien & Gere Engineers, Inc.

Project:

Former Accurate Die Cast

W Order:

K1111292

Matrix:

WATER

Inst. ID:

MSK 75

Revision:

ColumnID: Rtx-VMS

12/02/11 11:42

Sample Size 10 mL %Moisture:

TestCode 8260W 6012

Lab ID:

K1111292-001A

Client Sample ID: MW-14-112911 **Collection Date:**

11/29/11 8:10

Date Received:

11/29/11 16:23

PrepDate:

R23139

BatchNo: FileID:

1-SAMP-K7082.D

Col Type:

| Analyte | Result Qua | ıl PQL | Units | DF | Date Analyzed |
|----------------------------|------------|--------|---------|----|---------------|
| VOLATILE ORGANIC COMPOUND | S BY GC/MS | | SW8260B | | |
| Surr: 4-Bromofluorobenzene | 124 | 75-125 | %REC | 1 | 11/30/11 9:46 |
| Surr: Toluene-d8 | 104 | 75-125 | %REC | 1 | 11/30/11 9:46 |

Qualifiers:

- Value exceeds Maximum Contaminant Level
- Value exceeds the instrument calibration range
- Analyte detected below the PQL
- Prim./Conf. column %D or RPD exceeds limit
- 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

Print Date: 12/02/11 13:55

584275

Project Supervisor: Anthony Crescenzi

Page 2 of 36

Analytical Results

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

StateCertNo: 10248

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

Lab ID: Client Sample ID: *MW-10-112911*

K1111292-002A

W Order: K1111292 **Collection Date:** Date Received:

11/29/11 8:20 11/29/11 16:23

Matrix: WATER MSK 75 Inst. ID:

Sample Size 10 mL

PrepDate:

R23139

ColumnID: Rtx-VMS **Revision:** 12/02/11 11:42 %Moisture: TestCode 8260W_6012 BatchNo: 1-SAMP-K7081.D FileID:

Col Type:

| Analyte | Result Qual | PQL | Units | DF | Date Analyzed |
|-----------------------------|-------------|--------|---------|----|---------------|
| VOLATILE ORGANIC COMPOUND | S BY GC/MS | | SW8260B | | |
| 1,1,1-Trichloroethane | ND | 10.0 | μg/L | 20 | 11/30/11 9:14 |
| 1,1,2,2-Tetrachloroethane | ND | 10.0 | μg/L | 20 | 11/30/11 9:14 |
| 1,1,2-Trichloroethane | ND | 10.0 | μg/L | 20 | 11/30/11 9:14 |
| 1,1-Dichloroethane | ND | 10.0 | μg/L | 20 | 11/30/11 9:14 |
| 1,1-Dichloroethene | ND | 10.0 | μg/L | 20 | 11/30/11 9:14 |
| 1,2-Dichlorobenzene | ND | 10.0 | µg/L | 20 | 11/30/11_9:14 |
| 1,2-Dichloroethane | ND | 10.0 | μg/L | 20 | 11/30/11 9:14 |
| 1,2-Dichloropropane | ND | 10.0 | μg/L | 20 | 11/30/11 9:14 |
| 1,3-Dichlorobenzene | ND | 10.0 | μg/L | 20 | 11/30/11 9:14 |
| 1,4-Dichlorobenzene | ND | 10.0 | μg/L | 20 | 11/30/11 9:14 |
| 2-Chloroethylvinyl ether | ND | 100 | μg/L | 20 | 11/30/11 9:14 |
| Benzene | ND | 10.0 | μg/L | 20 | 11/30/11 9:14 |
| Bromodichloromethane | ND | 10.0 | μg/L | 20 | 11/30/11 9:14 |
| Bromoform | ND | 20.0 | μg/L | 20 | 11/30/11 9:14 |
| Bromomethane | ND | 20.0 | μg/L | 20 | 11/30/11 9:14 |
| Carbon tetrachloride | ND | 10.0 | μg/L | 20 | 11/30/11 9:14 |
| Chlorobenzene | ND | 10.0 | μg/L | 20 | 11/30/11 9:14 |
| Chloroethane | ND | 20.0 | μg/L | 20 | 11/30/11 9:14 |
| Chloroform | ND | 10.0 | μg/L | 20 | 11/30/11 9:14 |
| Chloromethane | ND | 20.0 | μg/L | 20 | 11/30/11 9:14 |
| cis-1,2-Dichloroethene | ND | 10.0 | μg/L | 20 | 11/30/11 9:14 |
| cis-1,3-Dichloropropene | ND | 10.0 | μg/L | 20 | 11/30/11 9:14 |
| Dibromochloromethane | ND | 10.0 | μg/L | 20 | 11/30/11 9:14 |
| Dichlorodifluoromethane | ND | 20.0 | μg/L | 20 | 11/30/11 9:14 |
| Ethylbenzene | ND | 10.0 | μg/L | 20 | 11/30/11 9:14 |
| Methylene chloride | ND | 40.0 | μg/L | 20 | 11/30/11 9:14 |
| Tetrachloroethene | ND | 10.0 | μg/L | 20 | 11/30/11 9:14 |
| Toluene | ND | 10.0 | μg/L | 20 | 11/30/11 9:14 |
| trans-1,2-Dichloroethene | ND | 10.0 | μg/L | 20 | 11/30/11 9:14 |
| trans-1,3-Dichloropropene | ND | 10.0 | μg/L | 20 | 11/30/11 9:14 |
| Trichloroethene | 169 | 10.0 | μg/L | 20 | 11/30/11 9:14 |
| Trichlorofluoromethane | ND | 20.0 | μg/L | 20 | 11/30/11 9:14 |
| Vinyl chloride | ND | 20.0 | μg/L | 20 | 11/30/11 9:14 |
| Surr: 1,2-Dichloroethane-d4 | 126 | 75-128 | %REC | 20 | 11/30/11 9:14 |
| I | | | | | |

Qualifiers:

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

Print Date: 12/02/11 13:55

584274

Project Supervisor: Anthony Crescenzi

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Life Science Laboratories, Inc. LSL 5854 Butternut Drive

Analytical Results

East Syracuse, NY 13057

(315) 445-1900

StateCertNo: 10248

CLIENT

O'Brien & Gere Engineers, Inc.

Project:

Former Accurate Die Cast

W Order:

K1111292 WATER

Matrix:

Inst. ID:

MSK 75

ColumnID: Rtx-VMS

12/02/11 11:42

Sample Size 10 mL %Moisture:

TestCode 8260W_6012

Lab ID:

K1111292-002A Client Sample ID: MW-10-112911

Collection Date:

11/29/11 8:20 11/29/11 16:23

Date Received: PrepDate:

BatchNo:

R23139

FileID:

1-SAMP-K7081.D

Revision: Col Type:

| Analyte | Result Qual | PQL | Units | DF | Date Analyzed |
|----------------------------|-------------|--------|---------|----|---------------|
| VOLATILE ORGANIC COMPOUNI | S BY GC/MS | | SW8260B | | |
| Surr: 4-Bromofluorobenzene | 124 | 75-125 | %REC | 20 | 11/30/11 9:14 |
| Surr: Toluene-d8 | 104 | 75-125 | %REC | 20 | 11/30/11 9:14 |

Qualifiers:

Value exceeds Maximum Contaminant Level

Value exceeds the instrument calibration range

Analyte detected below the PQL

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

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

Print Date: 12/02/11 13:55

584274

Project Supervisor: Anthony Crescenzi

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LSL

Life Science Laboratories, Inc.

Analytical Results

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

StateCertNo: 10248

CLIENT O'Brien & Gere Engineers, Inc.

Project: Former Accurate Die Cast

Project: Former Ac W **Order:** K1111292

Matrix: WATER

Inst. ID: MSK_75 ColumnID: Rtx-VMS

Revision: 12/02/11 11:42

Sample Size 10 mL %Moisture:

TestCode 8260W_6012

Lab ID: K1111292-003A

Client Sample ID: *MW-11-112911*Collection Date: 11/29/11 8:55

Date Received:

11/29/11 16:23

PrepDate:

BatchNo: R23139

FileID: 1-SAMP-K7083.D

Col Type:

| Analyte | Result Qual | PQL | Units | DF | Date Analyzed |
|---------------------------------|-------------|--------|---------|----|----------------|
| VOLATILE ORGANIC COMPOUNDS BY G | C/MS | | SW8260B | | |
| 1,1,1-Trichloroethane | ND | 10.0 | μg/L | 20 | 11/30/11 10:20 |
| 1,1,2,2-Tetrachloroethane | ND | 10.0 | μg/L | 20 | 11/30/11 10:20 |
| 1,1,2-Trichloroethane | ND | 10.0 | μg/L | 20 | 11/30/11 10:20 |
| 1,1-Dichloroethane | ND | 10.0 | μg/L | 20 | 11/30/11 10:20 |
| 1,1-Dichloroethene | ND | 10.0 | μg/L | 20 | 11/30/11 10:20 |
| 1,2-Dichlorobenzene | ND | 10.0 | μg/L | 20 | 11/30/11_10:20 |
| 1,2-Dichloroethane | ND | 10.0 | μg/L | 20 | 11/30/11 10:20 |
| 1,2-Dichloropropane | ND | 10.0 | μg/L | 20 | 11/30/11 10:20 |
| 1,3-Dichlorobenzene | ND | 10.0 | μg/L | 20 | 11/30/11 10:20 |
| 1,4-Dichlorobenzene | ND | 10.0 | μg/L | 20 | 11/30/11 10:20 |
| 2-Chloroethylvinyl ether | ND | 100 | μg/L | 20 | 11/30/11 10:20 |
| Benzene | ND | 10.0 | μg/L | 20 | 11/30/11 10:20 |
| Bromodichloromethane | ND | 10.0 | μg/L | 20 | 11/30/11 10:20 |
| Bromoform | ND | 20.0 | µg/L | 20 | 11/30/11 10:20 |
| Bromomethane | ND | 20.0 | μg/L | 20 | 11/30/11 10:20 |
| Carbon tetrachloride | ND | 10.0 | μg/L | 20 | 11/30/11 10:20 |
| Chlorobenzene | ND | 10.0 | μg/L | 20 | 11/30/11 10:20 |
| Chloroethane | ND | 20.0 | μg/L | 20 | 11/30/11 10:20 |
| Chloroform | ND | 10.0 | μg/L | 20 | 11/30/11 10:20 |
| Chloromethane | ND | 20.0 | μg/L | 20 | 11/30/11 10:20 |
| cis-1,2-Dichloroethene | ND | 10.0 | μg/L | 20 | 11/30/11 10:20 |
| cis-1,3-Dichloropropene | ND | 10.0 | μg/L | 20 | 11/30/11 10:20 |
| Dibromochloromethane | ND | 10.0 | μg/L | 20 | 11/30/11 10:20 |
| Dichlorodifluoromethane | ND | 20.0 | μg/L | 20 | 11/30/11 10:20 |
| Ethylbenzene | ND | 10.0 | μg/L | 20 | 11/30/11 10:20 |
| Methylene chloride | ND ND | 40.0 | μg/L | 20 | 11/30/11 10:20 |
| Tetrachloroethene | ND | 10.0 | μg/L | 20 | 11/30/11 10:20 |
| Toluene | ND | 10.0 | μg/L | 20 | 11/30/11 10:20 |
| trans-1,2-Dichloroethene | ND | 10.0 | μg/L | 20 | 11/30/11 10:20 |
| trans-1,3-Dichloropropene | ND | 10.0 | μg/L | 20 | 11/30/11 10:20 |
| Trichloroethene | 926 | 10.0 | μg/L | 20 | 11/30/11 10:20 |
| Trichlorofluoromethane | ND | 20.0 | μg/L | 20 | 11/30/11 10:20 |
| Vinyl chloride | ND | 20.0 | μg/L | 20 | 11/30/11 10:20 |
| Surr: 1,2-Dichloroethane-d4 | 128 | 75-128 | %REC | 20 | 11/30/11 10:20 |

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- Prim./Conf. column %D or RPD exceeds limit
- 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

Analytical Results

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

StateCertNo: 10248

CLIENT

O'Brien & Gere Engineers, Inc.

Project:

Former Accurate Die Cast

W Order:

K1111292

Matrix: Inst. ID: WATER

MSK 75

ColumnID: Rtx-VMS

12/02/11 11:42

Sample Size 10 mL

%Moisture:

TestCode 8260W_6012

Lab ID:

K1111292-003A Client Sample ID: MW-11-112911

Collection Date:

11/29/11 8:55 11/29/11 16:23

Date Received: PrepDate:

R23139 BatchNo:

FileID:

1-SAMP-K7083.D

Revision: Col Type

| Analyte | Result Qual | PQL | Units | DF | Date Analyzed |
|----------------------------|-------------|--------|---------|----|----------------|
| VOLATILE ORGANIC COMPOUND | S BY GC/MS | | SW8260B | | |
| Surr: 4-Bromofluorobenzene | 121 | 75-125 | %REC | 20 | 11/30/11 10:20 |
| Surr: Toluene-d8 | 103 | 75-125 | %REC | 20 | 11/30/11 10:20 |

Qualifiers:

- Value exceeds Maximum Contaminant Level
- E Value exceeds the instrument calibration range
- Analyte detected below the PQL
- Prim./Conf. column %D or RPD exceeds limit
- 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)
- Spike Recovery outside accepted recovery limits

Print Date: 12/02/11 13:55

584276

Project Supervisor: Anthony Crescenzi

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Analytical Results

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

StateCertNo: 10248

K1111292-004A

CLIENT Project:

O'Brien & Gere Engineers, Inc.

Former Accurate Die Cast

W Order: Matrix:

K1111292 WATER

Inst. ID:

MSK 75

ColumnID: Rtx-VMS

12/02/11 11:42 **Revision:**

Sample Size 10 mL

%Moisture: TestCode 8260W 6012

Date Received: PrepDate:

> BatchNo: FileID:

Lab ID:

Collection Date:

11/29/11 9:20 11/29/11 16:23

R23139

Client Sample ID: MW-5-112911

1-SAMP-K7084.D

Col Type:

| Analyte | Result Qual | PQL | Units | DF | Date Analyzed |
|-----------------------------|-------------|--------|---------|-----|----------------|
| VOLATILE ORGANIC COMPOUND | S BY GC/MS | | SW8260B | | |
| 1,1,1-Trichloroethane | ND | 2.50 | μg/L | 5 | 11/30/11 10:52 |
| 1,1,2,2-Tetrachloroethane | ND | 2.50 | μg/L | 5 | 11/30/11 10:52 |
| 1.1.2-Trichloroethane | ND | 2.50 | μg/L | 5 | 11/30/11 10:52 |
| 1.1-Dichloroethane | ND | 2.50 | μg/L | 5 | 11/30/11 10:52 |
| 1.1-Dichloroethene | ND | 2.50 | μg/L | 5 | 11/30/11 10:52 |
| 1,2-Dichlorobenzene | ND | 2.50 | μg/L | - 5 | 11/30/11 10:52 |
| 1,2-Dichloroethane | ND | 2.50 | μg/L | 5 | 11/30/11 10:52 |
| 1,2-Dichloropropane | ND | 2.50 | μg/L | 5 | 11/30/11 10:52 |
| 1.3-Dichlorobenzene | ND | 2.50 | μg/L | 5 | 11/30/11 10:52 |
| 1,4-Dichlorobenzene | ND | 2.50 | μg/L | 5 | 11/30/11 10:52 |
| 2-Chloroethylvinyl ether | ND | 25.0 | μg/L | 5 | 11/30/11 10:52 |
| Benzene | ND | 2.50 | μg/L | 5 | 11/30/11 10:52 |
| Bromodichloromethane | ND | 2.50 | μg/L | 5 | 11/30/11 10:52 |
| Bromoform | ND | 5.00 | μg/L | 5 | 11/30/11 10:52 |
| Bromomethane | ND | 5.00 | μg/L | 5 | 11/30/11 10:52 |
| Carbon tetrachloride | ND | 2.50 | μg/L | 5 | 11/30/11 10:52 |
| Chlorobenzene | ND | 2.50 | μg/L | 5 | 11/30/11 10:52 |
| Chloroethane | ND | 5.00 | μg/L | 5 | 11/30/11 10:52 |
| Chloroform | ND | 2.50 | μg/L | 5 | 11/30/11 10:52 |
| Chloromethane | ND | 5.00 | μg/L | 5 | 11/30/11 10:52 |
| cis-1,2-Dichloroethene | ND | 2.50 | µg/L | 5 | 11/30/11 10:52 |
| cis-1,3-Dichloropropene | ND | 2.50 | μg/L | 5 | 11/30/11 10:52 |
| Dibromochloromethane | ND | 2.50 | μg/L | 5 | 11/30/11 10:52 |
| Dichlorodifluoromethane | ND | 5.00 | μg/L | 5 | 11/30/11 10:52 |
| Ethylbenzene | ND | 2.50 | μg/L | 5 | 11/30/11 10:52 |
| Methylene chloride | ND | 10.0 | μg/L | 5 | 11/30/11 10:52 |
| Tetrachloroethene | ND | 2.50 | μg/L | 5 | 11/30/11 10:52 |
| Toluene | ND | 2.50 | μg/L | 5 | 11/30/11 10:52 |
| trans-1,2-Dichloroethene | ND | 2.50 | μg/L | 5 | 11/30/11 10:52 |
| trans-1,3-Dichloropropene | ND | 2.50 | μg/L | 5 | 11/30/11 10:52 |
| Trichloroethene | 73.1 | 2.50 | μg/L | 5 | 11/30/11 10:52 |
| Trichlorofluoromethane | ND | 5.00 | μg/L | 5 | 11/30/11 10:52 |
| Vinyl chloride | ND | 5.00 | μg/L | 5 | 11/30/11 10:52 |
| Surr: 1,2-Dichloroethane-d4 | 128 | 75-128 | %REC | 5 | 11/30/11 10:52 |

Qualifiers:

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

Print Date: 12/02/11 13:55

584277

Project Supervisor: Anthony Crescenzi

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Analytical Results

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

StateCertNo: 10248

CLIENT Project:

O'Brien & Gere Engineers, Inc.

Former Accurate Die Cast

W Order: Matrix:

K1111292 WATER

Inst. ID:

MSK 75

ColumnID: Rtx-VMS

12/02/11 11:42

Sample Size 10 mL %Moisture:

TestCode 8260W_6012

Lab ID:

K1111292-004A Client Sample ID: MW-5-112911

Collection Date: Date Received:

11/29/11 9:20 11/29/11 16:23

PrepDate:

R23139 BatchNo:

FileID:

1-SAMP-K7084.D

Revision: Col Type:

| Analyte | Result Qual | PQL | Units | DF | Date Analyzed |
|----------------------------|-------------|--------|---------|----|----------------|
| VOLATILE ORGANIC COMPOUND | S BY GC/MS | | SW8260B | | |
| Surr: 4-Bromofluorobenzene | 125 | 75-125 | %REC | 5 | 11/30/11 10:52 |
| Surr: Toluene-d8 | 103 | 75-125 | %REC | 5 | 11/30/11 10:52 |

Qualifiers:

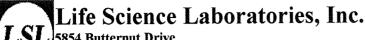
- Value exceeds Maximum Contaminant Level
- Value exceeds the instrument calibration range
- Analyte detected below the PQL
- Prim./Conf. column %D or RPD exceeds limit
- Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical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

Print Date: 12/02/11 13:55

584277

Project Supervisor: Anthony Crescenzi

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Analytical Results

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

StateCertNo: 10248

CLIENT Project:

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

Lab ID: Client Sample ID: MW-9-112911

K1111292-005A

W Order: K1111292 **Collection Date: Date Received:**

11/29/11 9:40

Matrix: WATER

Sample Size 10 mL

11/29/11 16:23

Inst. ID:

MSK 75

%Moisture:

PrepDate: BatchNo:

R23139

Revision:

ColumnID: Rtx-VMS 12/02/11 11:42

TestCode 8260W 6012

FileID:

1-SAMP-K7085.D

Col Type:

| Analyte | Result Qual | PQL | Units | DF | Date Analyze |
|-----------------------------|-------------|--------|---------|----|----------------|
| VOLATILE ORGANIC COMPOUND | S BY GC/MS | | SW8260B | | |
| 1,1,1-Trichloroethane | ND | 2.50 | μg/L | 5 | 11/30/11 11:27 |
| 1,1,2,2-Tetrachloroethane | ND | 2.50 | μg/L | 5 | 11/30/11 11:27 |
| 1,1,2-Trichloroethane | ND | 2.50 | μg/L | 5 | 11/30/11 11:27 |
| 1.1-Dichloroethane | ND | 2.50 | μg/L | 5 | 11/30/11 11:27 |
| 1,1-Dichloroethene | ND | 2.50 | μg/L | 5 | 11/30/11 11:27 |
| 1,2-Dichlorobenzene | ND | 2.50 | µg/L | 5 | 11/30/11 11:27 |
| 1,2-Dichloroethane | ND | 2.50 | μg/L | 5 | 11/30/11 11:27 |
| 1,2-Dichloropropane | ND | 2.50 | μg/L | 5 | 11/30/11 11:27 |
| 1,3-Dichlorobenzene | ND | 2.50 | μg/L | 5 | 11/30/11 11:27 |
| 1,4-Dichlorobenzene | ND | 2.50 | μg/L | 5 | 11/30/11 11:27 |
| 2-Chloroethylvinyl ether | ND | 25.0 | μg/L | 5 | 11/30/11 11:27 |
| Benzene | ND | 2.50 | μg/L | 5 | 11/30/11 11:27 |
| Bromodichloromethane | ND | 2.50 | μg/L | 5 | 11/30/11 11:27 |
| Bromoform | ND | 5.00 | μg/L | 5 | 11/30/11 11:27 |
| Bromomethane | ND | 5.00 | μg/L | 5 | 11/30/11 11:27 |
| Carbon tetrachloride | ND | 2.50 | μg/L | 5 | 11/30/11 11:27 |
| Chlorobenzene | ND | 2.50 | μg/L | 5 | 11/30/11 11:27 |
| Chloroethane | ND | 5.00 | μg/L | 5 | 11/30/11 11:27 |
| Chloroform | ND | 2.50 | μg/L | 5 | 11/30/11 11:27 |
| Chloromethane | ND | 5.00 | μg/L | 5 | 11/30/11 11:27 |
| cis-1,2-Dichloroethene | ND | 2.50 | μg/L | 5 | 11/30/11 11:27 |
| cis-1,3-Dichloropropene | ND | 2.50 | μg/L | 5 | 11/30/11 11:27 |
| Dibromochloromethane | ND | 2.50 | μg/L | 5 | 11/30/11 11:27 |
| Dichlorodifluoromethane | ND | 5.00 | μg/L | 5 | 11/30/11 11:27 |
| Ethylbenzene | ND | 2.50 | μg/L | 5 | 11/30/11 11:27 |
| Methylene chloride | ND | 10.0 | μg/L | 5 | 11/30/11 11:27 |
| Tetrachloroethene | ND | 2.50 | μg/L | 5 | 11/30/11 11:27 |
| Toluene | ND | 2.50 | μg/L | 5 | 11/30/11 11:27 |
| trans-1,2-Dichloroethene | ND | 2.50 | μg/L | 5 | 11/30/11 11:27 |
| trans-1,3-Dichloropropene | ND | 2.50 | μg/L | 5 | 11/30/11 11:27 |
| Trichloroethene | 52.6 | 2.50 | μg/L | 5 | 11/30/11 11:27 |
| Trichlorofluoromethane | ND | 5.00 | μg/L | 5 | 11/30/11 11:27 |
| Vinyl chloride | ND | 5.00 | μg/L | 5 | 11/30/11 11:27 |
| Surr: 1,2-Dichloroethane-d4 | 112 | 75-128 | %REC | 5 | 11/30/11 11:27 |

Qualifiers:

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

Project Supervisor: Anthony Crescenzi 584278 Print Date: 12/02/11 13:55

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Life Science Laboratories, Inc. 5854 Butternut Drive

Analytical Results

East Syracuse, NY 13057

(315) 445-1900

StateCertNo: 10248

CLIENT

O'Brien & Gere Engineers, Inc.

Lab ID:

K1111292-005A

Project:

Former Accurate Die Cast

Client Sample ID: *MW-9-112911*

W Order:

K1111292

Collection Date:

11/29/11 9:40

Matrix:

Date Received:

11/29/11 16:23

Inst. ID:

WATER

Sample Size 10 mL

TestCode 8260W_6012

PrepDate:

R23139

MSK 75 ColumnID: Rtx-VMS

12/02/11 11:42

%Moisture:

BatchNo: FileID:

1-SAMP-K7085.D

Revision: C-1 T----

| Col Type: | | | | | |
|-------------------------------------|-------------|--------|---------|----|----------------|
| Analyte | Result Qual | PQL | Units | DF | Date Analyzed |
| VOLATILE ORGANIC COMPOUNDS BY GC/MS | | | SW8260B | | |
| Surr: 4-Bromofluorobenzene | 123 | 75-125 | %REC | 5 | 11/30/11 11:27 |
| Surr: Toluene-d8 | 106 | 75-125 | %REC | 5 | 11/30/11 11:27 |

Qualifiers:

Value exceeds Maximum Contaminant Level

Value exceeds the instrument calibration range

Analyte detected below the PQL

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

Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Practical Quantitation Limit (PQL)

Spike Recovery outside accepted recovery limits

Print Date: 12/02/11 13:55

584278

Project Supervisor: Anthony Crescenzi

Page 10 of 36

LSL

Life Science Laboratories, Inc.

Analytical Results

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

StateCertNo: 10248

CLIENT O'Brien & Gere Engineers, Inc.

Project: Former Accurate Die Cast

W Order: K1111292

Matrix: WATER

Inst. ID: MSK_75 ColumnID: Rtx-VMS

Revision: 12/02/11 11:42

Sample Size 10 mL

%Moisture:

TestCode 8260W_6012

Lab ID: K1111292-006A Client Sample ID: *MW-12-112911*

Collection Date: 1
Date Received: 1

11/29/11 9:55 11/29/11 16:23

PrepDate:

BatchNo: R23139

FileID: 1-SAMP-K7086.D

Col Type:

| Analyte | Result Qual | PQL | Units | DF | Date Analyzed |
|-----------------------------|-------------|--------|---------|------|----------------|
| VOLATILE ORGANIC COMPOUND | S BY GC/MS | | SW8260B | | |
| 1,1,1-Trichloroethane | ND | 0.50 | μg/L | 1 | 11/30/11 11:59 |
| 1.1.2.2-Tetrachloroethane | ND | 0.50 | μg/L | 1 | 11/30/11 11:59 |
| 1.1,2-Trichloroethane | ND | 0.50 | μg/L | 1 | 11/30/11 11:59 |
| 1,1-Dichloroethane | ND | 0.50 | μg/L | 1 | 11/30/11 11:59 |
| 1,1-Dichloroethene | ND | 0.50 | µg/L | 1 | 11/30/11 11:59 |
| 1,2-Dichlorobenzene | ND | 0.50 | μg/L | - 1- | 11/30/11 11:59 |
| 1,2-Dichloroethane | ND: | 0.50 | μg/L | 1 | 11/30/11 11:59 |
| 1,2-Dichloropropane | ND | 0.50 | μg/L | 1 | 11/30/11 11:59 |
| 1,3-Dichlorobenzene | ND | 0.50 | μg/L | 1 | 11/30/11 11:59 |
| 1,4-Dichlorobenzene | ND | 0.50 | μg/L | 1 | 11/30/11 11:59 |
| 2-Chloroethylvinyl ether | ND | 5.00 | μg/L | 1 | 11/30/11 11:59 |
| Benzene | ND | 0.50 | μg/L | 1 | 11/30/11 11:59 |
| Bromodichloromethane | ND | 0.50 | μg/L | 1 | 11/30/11 11:59 |
| Bromoform | ND | 1.00 | μg/L | 1 | 11/30/11 11:59 |
| Bromomethane | ND | 1.00 | μg/L | 1 | 11/30/11 11:59 |
| Carbon tetrachloride | ND | 0.50 | μg/L | 1 | 11/30/11 11:59 |
| Chlorobenzene | ND | 0.50 | μg/L | 1 | 11/30/11 11:59 |
| Chloroethane | ND . | 1.00 | μg/L | 1 | 11/30/11 11:59 |
| Chloroform | ND | 0.50 | μg/L | 1 | 11/30/11 11:59 |
| Chloromethane | ND | 1.00 | μg/L | 1 | 11/30/11 11:59 |
| cis-1,2-Dichloroethene | ND | 0.50 | μg/L | 1 | 11/30/11 11:59 |
| cis-1,3-Dichloropropene | ND | 0.50 | μg/L | 1 | 11/30/11 11:59 |
| Dibromochloromethane | ND | 0.50 | μg/L | 1 | 11/30/11 11:59 |
| Dichlorodifluoromethane | ND | 1.00 | μg/L | 1 | 11/30/11 11:59 |
| Ethylbenzene | ND · | 0.50 | μg/L | 1 | 11/30/11 11:59 |
| Methylene chloride | ND | 2.00 | μg/L | | 11/30/11 11:59 |
| Tetrachloroethene | ND | 0.50 | μg/L | 1 | 11/30/11 11:59 |
| Toluene | ND | 0.50 | μg/L | 1 | 11/30/11 11:59 |
| trans-1,2-Dichloroethene | ND | 0.50 | μg/L | 1 | 11/30/11 11:59 |
| trans-1,3-Dichloropropene | ND | 0.50 | μg/L | 1 | 11/30/11 11:59 |
| Trichloroethene | 21.9 | 0.50 | μg/L | 1 | 11/30/11 11:59 |
| Trichlorofluoromethane | ND | 1.00 | μg/L | 1 1 | 11/30/11 11:59 |
| Vinyl chloride | ND | 1.00 | µg/L | 1 | 11/30/11 11:59 |
| Surr: 1,2-Dichloroethane-d4 | 112 | 75-128 | %REC | 1 | 11/30/11 11:59 |

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- Prim./Conf. column %D or RPD exceeds limit
- 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

Print Date: 12/02/11 13:55

584279

Project Supervisor: Anthony Crescenzi

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Life Science Laboratories, Inc. 5854 Butternut Drive

Analytical Results

East Syracuse, NY 13057

(315) 445-1900

StateCertNo: 10248

CLIENT Project:

O'Brien & Gere Engineers, Inc.

Former Accurate Die Cast

W Order: Matrix:

K1111292 WATER

Inst. ID:

Revision:

MSK 75

ColumnID: Rtx-VMS

%Moisture:

12/02/11 11:42

Sample Size 10 mL

TestCode 8260W 6012

Lab ID:

K1111292-006A Client Sample ID: MW-12-112911

Collection Date: Date Received:

11/29/11 9:55 11/29/11 16:23

PrepDate:

R23139 BatchNo:

FileID:

1-SAMP-K7086.D

Col Type

| Analyte | Result Qual | PQL | Units | DF | Date Analyzed |
|----------------------------|-------------|--------|---------|----|----------------|
| VOLATILE ORGANIC COMPOUND | S BY GC/MS | | SW8260B | | |
| Surr: 4-Bromofluorobenzene | 125 | 75-125 | %REC | 1 | 11/30/11 11:59 |
| Surr: Toluene-d8 | 107 | 75-125 | %REC | 1 | 11/30/11 11:59 |

Qualifiers:

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

Project Supervisor: Anthony Crescenzi Print Date: 12/02/11 13:55 584279

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Analytical Results

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

StateCertNo: 10248

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

Project:

W Order: K1111292 Matrix: WATER

MS01 11 Inst. ID:

12/02/11 13:53 Revision:

ColumnID: Rtx-VMS

Sample Size 10 mL

%Moisture: **TestCode** 8260W 6012 Lab ID: K1111292-007A Client Sample ID: PZ-1-112911

Collection Date: 11/29/11 10:25 11/29/11 16:23 **Date Received:**

PrepDate:

R23142 BatchNo:

1-SAMP-T2773.D FileID:

Col Type:

| Analyte | Result Qual | PQL | Units | DF | Date Analyzed |
|-----------------------------|-------------|--------|---------------|----|----------------|
| VOLATILE ORGANIC COMPOUND | S BY GC/MS | | SW8260B | | |
| 1,1,1-Trichloroethane | ND | 2.50 | μg/L | 5 | 12/01/11 11:14 |
| 1,1,2,2-Tetrachloroethane | ND | 2.50 | μg/L | 5 | 12/01/11 11:14 |
| 1.1,2-Trichloroethane | ND | 2.50 | μg/L | 5 | 12/01/11 11:14 |
| 1,1-Dichloroethane | ND | 2.50 | μg/L | 5 | 12/01/11 11:14 |
| 1,1-Dichloroethene | ND | 2.50 | μg/L | 5 | 12/01/11 11:14 |
| 1,2-Dichlorobenzene | ND | 2.50 | μg/L | 5 | 12/01/11 11:14 |
| 1,2-Dichloroethane | ND | 2.50 | μg/L | 5 | 12/01/11 11:14 |
| 1,2-Dichloropropane | ND | 2.50 | μg/L | 5 | 12/01/11 11:14 |
| 1,3-Dichlorobenzene | ND | 2.50 | μg/L | 5 | 12/01/11 11:14 |
| 1,4-Dichlorobenzene | ND | 2.50 | μg/L | 5 | 12/01/11 11:14 |
| 2-Chloroethylvinyl ether | ND | 25.0 | μg/L | 5 | 12/01/11 11:14 |
| Benzene | ND | 2.50 | μg/L | 5 | 12/01/11 11:14 |
| Bromodichloromethane | ND | 2.50 | μg/L | 5 | 12/01/11 11:14 |
| Bromoform | ND | 5.00 | μg/L | 5 | 12/01/11 11:14 |
| Bromomethane | ND | 5.00 | μg/L | 5 | 12/01/11 11:14 |
| Carbon tetrachloride | ND | 2.50 | µg/L | 5 | 12/01/11 11:14 |
| Chlorobenzene | ND | 2.50 | μg/L | 5 | 12/01/11 11:14 |
| Chloroethane | ND | 5.00 | μg/L | 5 | 12/01/11 11:14 |
| Chloroform | ND | 2.50 | μg/L | 5 | 12/01/11 11:14 |
| Chloromethane | ND | 5.00 | μg/L | 5 | 12/01/11 11:14 |
| cis-1,2-Dichloroethene | ND | 2.50 | μg/L | 5 | 12/01/11 11:14 |
| cis-1,3-Dichloropropene | ND | 2.50 | μg/L | 5 | 12/01/11 11:14 |
| Dibromochloromethane | ND | 2.50 | μg/L | 5 | 12/01/11 11:14 |
| Dichlorodifluoromethane | ND | 5.00 | μg/L | 5 | 12/01/11 11:14 |
| Ethylbenzene | ND | 2.50 | μg/L | 5 | 12/01/11 11:14 |
| Methylene chloride | ND | 10.0 | µg/L | 5 | 12/01/11 11:14 |
| Tetrachloroethene | ND | 2.50 | μg/L | 5 | 12/01/11 11:14 |
| Toluene | ND | 2.50 | μg/L | 5 | 12/01/11 11:14 |
| trans-1,2-Dichloroethene | ND | 2.50 | μ g /L | 5 | 12/01/11 11:14 |
| trans-1,3-Dichloropropene | ND | 2.50 | μg/L | 5 | 12/01/11 11:14 |
| Trichloroethene | 94.2 | 2.50 | μg/L | 5 | 12/01/11 11:14 |
| Trichlorofluoromethane | ND | 5.00 | μg/L | 5 | 12/01/11 11:14 |
| Vinyl chloride | ND | 5.00 | μg/L | 5 | 12/01/11 11:14 |
| Surr: 1,2-Dichloroethane-d4 | 102 | 75-128 | %REC | 5 | 12/01/11 11:14 |

Qualifiers:

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

Project Supervisor: Anthony Crescenzi 584325 Print Date: 12/02/11 13:55

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT

O'Brien & Gere Engineers, Inc.

K1111292-007A

Project:

Former Accurate Die Cast

W Order:

Client Sample ID: PZ-1-112911

K1111292

Matrix:

WATER

Collection Date: Date Received:

11/29/11 10:25 11/29/11 16:23

Inst. ID:

MS01 11

Sample Size 10 mL

TestCode 8260W 6012

PrepDate:

R23142

ColumnID: Rtx-VMS **Revision:**

12/02/11 13:53

%Moisture:

BatchNo: FileID:

Lab ID:

1-SAMP-T2773.D

Col Tyne:

| Analyte | Result Qu | al PQL | Units | DF | Date Analyzed |
|----------------------------|------------|--------|---------|----|----------------|
| VOLATILE ORGANIC COMPOUND | S BY GC/MS | | SW8260B | | |
| Surr: 4-Bromofluorobenzene | 116 | 75-125 | %REC | 5 | 12/01/11 11:14 |
| Surr: Toluene-d8 | 113 | 75-125 | %REC | 5 | 12/01/11 11:14 |

Qualifiers:

Value exceeds Maximum Contaminant Level

Value exceeds the instrument calibration range

Analyte detected below the PQL

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

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)

Spike Recovery outside accepted recovery limits

Print Date: 12/02/11 13:55

584325

Project Supervisor: Anthony Crescenzi

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LSL

Life Science Laboratories, Inc.

Analytical Results

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

StateCertNo: 10248

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

W Order: K1111292

Matrix: WATER

Inst. ID: MSK_75
ColumnID: Rtx-VMS

Revision: 12/02/11 11:42

Sample Size 10 mL

%Moisture: TestCode 8260W 6012 Lab ID: K1111292-008A Client Sample ID: *MW-6-112911*

Collection Date: 11
Date Received: 11

11/29/11 10:45 11/29/11 16:23

PrepDate:

BatchNo: R23139

FileID: 1-SAMP-K7088.D

Col Type:

| Analyte | Result Qual | PQL | Units | DF | Date Analyzed |
|-----------------------------|-------------|--------|---------|----|----------------|
| VOLATILE ORGANIC COMPOUND | S BY GC/MS | | SW8260B | | |
| 1,1,1-Trichloroethane | ND - | 2.50 | μg/L | 5 | 11/30/11 13:03 |
| 1,1,2,2-Tetrachloroethane | ND | 2.50 | μg/L | 5 | 11/30/11 13:03 |
| 1,1,2-Trichloroethane | ND | 2.50 | μg/L | 5 | 11/30/11 13:03 |
| 1,1-Dichloroethane | ND | 2.50 | μg/L | 5 | 11/30/11 13:03 |
| 1,1-Dichloroethene | ND | 2.50 | μg/L | 5 | 11/30/11 13:03 |
| 1,2-Dichlorobenzene | ND | 2.50 | µg/L | 5 | 11/30/11-13:03 |
| 1,2-Dichloroethane | ND | 2.50 | μg/L | 5 | 11/30/11 13:03 |
| 1,2-Dichloropropane | ND | 2.50 | μg/L | 5 | 11/30/11 13:03 |
| 1,3-Dichlorobenzene | ND | 2.50 | µg/L | 5 | 11/30/11 13:03 |
| 1,4-Dichlorobenzene | ND | 2.50 | μg/L | 5 | 11/30/11 13:03 |
| 2-Chloroethylvinyl ether | ND | 25.0 | μg/L | 5 | 11/30/11 13:03 |
| Benzene | ND | 2.50 | μg/L | 5 | 11/30/11 13:03 |
| Bromodichloromethane | ND | 2.50 | μg/L | 5 | 11/30/11 13:03 |
| Bromoform | ND | 5.00 | μg/L | 5 | 11/30/11 13:03 |
| Bromomethane | ND | 5.00 | μg/L | 5 | 11/30/11 13:03 |
| Carbon tetrachloride | ND | 2.50 | μg/L | 5 | 11/30/11 13:03 |
| Chlorobenzene | ND | 2.50 | μg/L | 5 | 11/30/11 13:03 |
| Chloroethane | ND | 5.00 | μg/L | 5 | 11/30/11 13:03 |
| Chloroform | ND | 2.50 | μg/L | 5 | 11/30/11 13:03 |
| Chloromethane | ND | 5.00 | μg/L | 5 | 11/30/11 13:03 |
| cis-1,2-Dichloroethene | ND | 2.50 | μg/L | 5 | 11/30/11 13:03 |
| cis-1,3-Dichloropropene | ND | 2.50 | µg/L | 5 | 11/30/11 13:03 |
| Dibromochloromethane | ND | 2.50 | μg/L | 5 | 11/30/11 13:03 |
| Dichlorodifluoromethane | ND | 5.00 | μg/L | 5 | 11/30/11 13:03 |
| Ethylbenzene | ND | 2.50 | μg/L | 5 | 11/30/11 13:03 |
| Methylene chloride | ND | 10.0 | μg/L | 5 | 11/30/11 13:03 |
| Tetrachloroethene | ND | 2.50 | μg/L | 5 | 11/30/11 13:03 |
| Toluene | ND | 2.50 | μg/L | 5 | 11/30/11 13:03 |
| trans-1,2-Dichloroethene | ND | 2.50 | μg/L | 5 | 11/30/11 13:03 |
| trans-1,3-Dichloropropene | ND | 2.50 | μg/L | 5 | 11/30/11 13:03 |
| Trichloroethene | 52.6 | 2.50 | μg/L | 5 | 11/30/11 13:03 |
| Trichlorofluoromethane | ND | 5.00 | μg/L | 5 | 11/30/11 13:03 |
| Vinyl chloride | ND | 5.00 | μg/L | 5 | 11/30/11 13:03 |
| Surr: 1,2-Dichloroethane-d4 | 110 | 75-128 | %REC | 5 | 11/30/11 13:03 |

Qualifiers:

- Value exceeds Maximum Contaminant Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- Prim./Conf. column %D or RPD exceeds limit

584280

- 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

Project Supervisor: Anthony Crescenzi

Analytical Results

East Syracuse, NY 13057

(315) 445-1900

StateCertNo: 10248

CLIENT

O'Brien & Gere Engineers, Inc.

Lab ID:

K1111292-008A

Project:

Former Accurate Die Cast

W Order:

Client Sample ID: MW-6-112911

K1111292

Collection Date: Date Received:

11/29/11 10:45

Matrix:

WATER

11/29/11 16:23

Inst. ID:

MSK 75

Sample Size 10 mL %Moisture:

PrepDate: BatchNo:

R23139

Revision:

ColumnID: Rtx-VMS 12/02/11 11:42

TestCode 8260W_6012

FileID:

1-SAMP-K7088.D

Col Tyne:

| Analyte | Result Qua | PQL | Units | DF | Date Analyzed |
|----------------------------|------------|--------|---------|----|----------------|
| VOLATILE ORGANIC COMPOUNI | S BY GC/MS | | SW8260B | | |
| Surr: 4-Bromofluorobenzene | 124 | 75-125 | %REC | 5 | 11/30/11 13:03 |
| Surr: Toluene-d8 | 105 | 75-125 | %REC | 5 | 11/30/11 13:03 |

Qualifiers:

Value exceeds Maximum Contaminant Level

E Value exceeds the instrument calibration range

Analyte detected below the PQL

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

Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Practical Quantitation Limit (PQL)

Spike Recovery outside accepted recovery limits

Print Date: 12/02/11 13:55

584280

Project Supervisor: Anthony Crescenzi

Page 16 of 36

Analytical Results

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

StateCertNo: 10248

CLIENT Project:

O'Brien & Gere Engineers, Inc.

Former Accurate Die Cast

Client Sample ID: PZ-2-112911

K1111292-009A

W Order:

K1111292

11/29/11 11:15

Matrix:

Collection Date:

WATER

Date Received:

11/29/11 16:23

Inst. ID:

MS01 11

Sample Size 10 mL

PrepDate:

R23142

Revision:

ColumnID: Rtx-VMS 12/02/11 13:53 %Moisture: **TestCode** 8260W_6012 BatchNo: FileID:

Lab ID:

1-SAMP-T2774.D

Col Type:

| Analyte | Result Qual | PQL | Units | DF | Date Analyzed |
|-----------------------------|-------------|--------|---------|----|-----------------------------|
| VOLATILE ORGANIC COMPOUND | OS BY GC/MS | | SW8260B | | |
| 1,1,1-Trichloroethane | ND | 2.50 | μg/L | 5 | 12/01/11 11:47 |
| 1,1,2,2-Tetrachloroethane | ND | 2.50 | μg/L | 5 | 12/01/11 11:47 |
| 1,1,2-Trichloroethane | ND | 2.50 | μg/L | 5 | 12/01/11 11:47 |
| 1,1-Dichloroethane | ND | 2.50 | μg/L | 5 | 12/01/11 11: 4 7 |
| 1,1-Dichloroethene | ND | 2.50 | μg/L | 5 | 12/01/11 11: 4 7 |
| 1,2-Dichlorobenzene | ND | 2.50 | µg/L | 5 | 12/01/11 11:47 |
| 1,2-Dichloroethane | . ND | 2.50 | μg/L | 5 | 12/01/11 11:47 |
| 1,2-Dichloropropane | ND | 2.50 | μg/L | 5 | 12/01/11 11:47 |
| 1 3-Dichlorobenzene | ND | 2.50 | μg/L | 5 | 12/01/11 11:47 |
| 1.4-Dichlorobenzene | ND | 2.50 | μg/L | 5 | 12/01/11 11:47 |
| 2-Chloroethylvinyl ether | ND | 25.0 | μg/L | 5 | 12/01/11 11:47 |
| Benzene | ND | 2.50 | μg/L | 5 | 12/01/11 11:47 |
| Bromodichloromethane | ND | 2.50 | μg/L | 5 | 12/01/11 11:47 |
| Bromoform | ND | 5.00 | μg/L | 5 | 12/01/11 11:47 |
| Bromomethane | ND | 5.00 | μg/L | 5 | 12/01/11 11:47 |
| Carbon tetrachloride | ND | 2.50 | μg/L | 5 | 12/01/11 11:47 |
| Chlorobenzene | ND | 2.50 | μg/L | 5 | 12/01/11 11:47 |
| Chloroethane | ND | 5.00 | μg/L | 5 | 12/01/11 11:47 |
| Chloroform | ND | 2.50 | μg/L | 5 | 12/01/11 11:47 |
| Chloromethane | ND | 5.00 | μg/L | 5 | 12/01/11 11:47 |
| cis-1,2-Dichloroethene | ND | 2.50 | μg/L | 5 | 12/01/11 11:47 |
| cis-1,3-Dichloropropene | ND | 2.50 | μg/L | 5 | 12/01/11 11:47 |
| Dibromochloromethane | ND | 2.50 | μg/L | 5 | 12/01/11 11:47 |
| Dichlorodifluoromethane | ND | 5.00 | μg/L | 5 | 12/01/11 11:47 |
| Ethylbenzene | ND. | 2.50 | μg/L | 5 | 12/01/11 11:47 |
| Methylene chloride | ND. | 10.0 | μg/L | 5 | 12/01/11 11:47 |
| Tetrachloroethene | ND | 2.50 | μg/L | 5 | 12/01/11 11:47 |
| Toluene | ND | 2.50 | μg/L | 5 | 12/01/11 11:47 |
| trans-1,2-Dichloroethene | ND | 2.50 | μg/L | 5 | 12/01/11 11:47 |
| trans-1,3-Dichloropropene | ND | 2.50 | μg/L | 5 | 12/01/11 11:47 |
| Trichloroethene | 96.6 | 2.50 | μg/L | 5 | 12/01/11 11:47 |
| Trichlorofluoromethane | ND | 5.00 | µg/L | 5 | 12/01/11 11:47 |
| Vinyl chloride | ND | 5.00 | μg/L | 5 | 12/01/11 11:47 |
| Surr: 1,2-Dichloroethane-d4 | 102 | 75-128 | %REC | 5 | 12/01/11 11:47 |

Qualifiers:

- Value exceeds Maximum Contaminant Level
- E Value exceeds the instrument calibration range
- Analyte detected below the PQL
- Prim./Conf. column %D or RPD exceeds limit
- 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)
- Spike Recovery outside accepted recovery limits

Print Date: 12/02/11 13:55

584326

Project Supervisor: Anthony Crescenzi

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Analytical Results

East Syracuse, NY 13057

(315) 445-1900

StateCertNo: 10248

CLIENT

O'Brien & Gere Engineers, Inc.

Lab ID:

K1111292-009A

Project:

Former Accurate Die Cast

Client Sample ID: PZ-2-112911

W Order:

11/29/11 11:15

Matrix:

K1111292 WATER

Collection Date: Date Received:

11/29/11 16:23

Inst. ID:

MS01 11

Sample Size 10 mL

PrepDate: BatchNo:

R23142

Revision:

ColumnID: Rtx-VMS 12/02/11 13:53 %Moisture: **TestCode** 8260W 6012

FileID:

1-SAMP-T2774.D

Col Type:

| Analyte | Result Qual | POL | Units | DF | Date Analyzed |
|----------------------------|-------------|--------|---------|----|-----------------------------|
| VOLATILE ORGANIC COMPOUND | | | SW8260B | | |
| Surr: 4-Bromofluorobenzene | 111 | 75-125 | %REC | 5 | 12/01/11 11: 4 7 |
| Surr: Toluene-d8 | 113 | 75-125 | %REC | 5 | 12/01/11 11:47 |

Qualifiers:

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

Print Date: 12/02/11 13:55

584326

Project Supervisor: Anthony Crescenzi

Page 18 of 36

Life Science Laboratories, Inc. 5854 Butternut Drive East Syracuse, NY 13057

Analytical Results

CLIENT O'Brien & Gere Engineers, Inc.

(315) 445-1900

StateCertNo: 10248

Project:

Former Accurate Die Cast

Lab ID: Client Sample ID: MW-17-112911

K1111292-010A

W Order: K1111292 **Collection Date:**

11/29/11 11:30

Matrix: Inst. ID: WATER

Sample Size 10 mL

Date Received:

11/29/11 16:23

ColumnID: Rtx-VMS

MS01 11

PrepDate: BatchNo:

R23142

12/02/11 13:53 Revision:

%Moisture: **TestCode** 8260W_6012

FileID:

1-SAMP-T2775.D

Col Type:

| Analyte | Result Qual | PQL | Units | DF | Date Analyzed |
|-----------------------------|-------------|--------|---------|----|----------------|
| VOLATILE ORGANIC COMPOUNI | OS BY GC/MS | | SW8260B | | |
| 1,1,1-Trichloroethane | ND | 5.00 | μg/L | 10 | 12/01/11 12:19 |
| 1,1,2,2-Tetrachloroethane | ND | 5.00 | μg/L | 10 | 12/01/11 12:19 |
| 1,1,2-Trichloroethane | ND | 5.00 | μg/L | 10 | 12/01/11 12:19 |
| 1,1-Dichloroethane | ND | 5.00 | μg/L | 10 | 12/01/11 12:19 |
| 1,1-Dichloroethene | ND . | 5.00 | μg/L | 10 | 12/01/11 12:19 |
| 1,2-Dichlorobenzene | ND | 5.00 | μg/L | 10 | 12/01/11 12:19 |
| 1,2-Dichloroethane | ND | 5.00 | μg/L | 10 | 12/01/11 12:19 |
| 1,2-Dichloropropane | ND | 5.00 | μg/L | 10 | 12/01/11 12:19 |
| 1,3-Dichlorobenzene | ND | 5.00 | μg/L | 10 | 12/01/11 12:19 |
| 1,4-Dichlorobenzene | ND | 5.00 | μg/L | 10 | 12/01/11 12:19 |
| 2-Chloroethylvinyl ether | ND | 50.0 | μg/L | 10 | 12/01/11 12:19 |
| Benzene | ND | 5.00 | μg/L | 10 | 12/01/11 12:19 |
| Bromodichloromethane | ND | 5.00 | μg/L | 10 | 12/01/11 12:19 |
| Bromoform | ND | 10.0 | μg/L | 10 | 12/01/11 12:19 |
| Bromomethane | ND | 10.0 | μg/L | 10 | 12/01/11 12:19 |
| Carbon tetrachloride | ND | 5.00 | μg/L | 10 | 12/01/11 12:19 |
| Chlorobenzene | ND | 5.00 | μg/L | 10 | 12/01/11 12:19 |
| Chloroethane | ND | 10.0 | μg/L | 10 | 12/01/11 12:19 |
| Chloroform | ND | 5.00 | μg/L | 10 | 12/01/11 12:19 |
| Chloromethane | ND | 10.0 | μg/L | 10 | 12/01/11 12:19 |
| cis-1,2-Dichloroethene | 20.2 | 5.00 | μg/L | 10 | 12/01/11 12:19 |
| cis-1,3-Dichloropropene | ND | 5.00 | μg/L | 10 | 12/01/11 12:19 |
| Dibromochloromethane | ND | 5.00 | μg/L | 10 | 12/01/11 12:19 |
| Dichlorodifluoromethane | ND | 10.0 | μg/L | 10 | 12/01/11 12:19 |
| Ethylbenzene | ND | 5.00 | μg/L | 10 | 12/01/11 12:19 |
| Methylene chloride | ND. | 20.0 | µg/L | 10 | 12/01/11 12:19 |
| Tetrachloroethene | 19.7 | 5.00 | μg/L | 10 | 12/01/11 12:19 |
| Toluene | ND | 5.00 | μg/L | 10 | 12/01/11 12:19 |
| trans-1,2-Dichloroethene | ND | 5.00 | μg/L | 10 | 12/01/11 12:19 |
| trans-1,3-Dichloropropene | ND | 5.00 | μg/L | 10 | 12/01/11 12:19 |
| Trichloroethene | 496 | 5.00 | μg/L | 10 | 12/01/11 12:19 |
| Trichlorofluoromethane | ND | 10.0 | µg/L | 10 | 12/01/11 12:19 |
| Vinyl chloride | ND. | 10.0 | μg/L | 10 | 12/01/11 12:19 |
| Surr: 1,2-Dichloroethane-d4 | 103 | 75-128 | %REC | 10 | 12/01/11 12:19 |

Qualifiers:

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

Project Supervisor: Anthony Crescenzi **Print Date:** 12/02/11 14:03 584327

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Analytical Results

East Syracuse, NY 13057

(315) 445-1900

StateCertNo: 10248

CLIENT

O'Brien & Gere Engineers, Inc.

Lab ID:

K1111292-010A

Project:

Former Accurate Die Cast

W Order:

Client Sample ID: MW-17-112911

K1111292

Matrix:

Collection Date: Date Received:

11/29/11 11:30

WATER

11/29/11 16:23

Inst. ID:

MS01 11

Sample Size 10 mL

PrepDate: BatchNo:

R23142

Revision:

ColumnID: Rtx-VMS 12/02/11 13:53 %Moisture: **TestCode** 8260W_6012

FileID:

1-SAMP-T2775.D

Col Type:

| Analyte | Result Qu | al PQL | Units | DF | Date Analyzed |
|----------------------------|------------|--------|---------|----|----------------|
| VOLATILE ORGANIC COMPOUND | S BY GC/MS | | SW8260B | | |
| Surr: 4-Bromofluorobenzene | 113 | 75-125 | %REC | 10 | 12/01/11 12:19 |
| Surr: Toluene-d8 | 113 | 75-125 | %REC | 10 | 12/01/11 12:19 |

Qualifiers:

Value exceeds Maximum Contaminant Level

Value exceeds the instrument calibration range

Analyte detected below the PQL

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

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)

Spike Recovery outside accepted recovery limits

Project Supervisor: Anthony Crescenzi

Page 20 of 36

Print Date: 12/02/11 13:55

584327

LSL

Life Science Laboratories, Inc.

Analytical Results

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

StateCertNo: 10248

CLIENT O'Brien & Gere Engineers, Inc.

Project: Former Accurate Die Cast

W Order: K1111292

Matrix: WATER

Inst. ID: MS01_11 ColumnID: Rtx-VMS

Revision: 12/02/11 13:53

Sample Size 10 mL

%Moisture: TestCode 8260W_6012 Lab ID: K1111292-011A Client Sample ID: *MW-21-112911*

Collection Date: 11/29/11 11:50 **Date Received:** 11/29/11 16:23

PrepDate:

BatchNo: R23142

FileID: 1-SAMP-T2776.D

Col Type:

| Analyte | Result Qual | PQL | Units | DF | Date Analyzed |
|-----------------------------|-------------|--------|---------------|----|----------------|
| VOLATILE ORGANIC COMPOUNDS | BY GC/MS | | SW8260B | | |
| 1,1,1-Trichloroethane | ND | 0.50 | μg/L | 1 | 12/01/11 12:52 |
| 1,1,2,2-Tetrachloroethane | ND | 0.50 | μg/L | 1 | 12/01/11 12:52 |
| 1,1,2-Trichloroethane | ND | 0.50 | μg/L | 1 | 12/01/11 12:52 |
| 1,1-Dichloroethane | ND | 0.50 | μg/L | 1 | 12/01/11 12:52 |
| 1,1-Dichloroethene | ND | 0.50 | μg/L | 1 | 12/01/11 12:52 |
| 1,2-Dichlorobenzene | ND | 0.50 | μg/L | 1 | 12/01/11 12:52 |
| 1,2-Dichloroethane | ND | 0.50 | μg/L | 1 | 12/01/11 12:52 |
| 1,2-Dichloropropane | ND | 0.50 | μg/L | 1 | 12/01/11 12:52 |
| 1,3-Dichlorobenzene | ND | 0.50 | μg/L | 1 | 12/01/11 12:52 |
| 1,4-Dichlorobenzene | ND · | 0.50 | μ g /L | 1 | 12/01/11 12:52 |
| 2-Chloroethylvinyl ether | ND | 5.00 | μg/L | 1 | 12/01/11 12:52 |
| Benzene | ND | 0.50 | μg/L | 1 | 12/01/11 12:52 |
| Bromodichloromethane | ND | 0.50 | μg/L | 1 | 12/01/11 12:52 |
| Bromoform | ND | 1.00 | μg/L | 1 | 12/01/11 12:52 |
| Bromomethane | ND | 1.00 | μg/L | 1 | 12/01/11 12:52 |
| Carbon tetrachloride | ND | 0.50 | μg/L | 1 | 12/01/11 12:52 |
| Chlorobenzene | ND | 0.50 | µg/L | 1 | 12/01/11 12:52 |
| Chloroethane | ND | 1.00 | μg/L | 1 | 12/01/11 12:52 |
| Chloroform | ND | 0.50 | μg/Ĺ | 1 | 12/01/11 12:52 |
| Chloromethane | ND | 1.00 | μg/L | 1 | 12/01/11 12:52 |
| cis-1,2-Dichloroethene | 18.8 | 0.50 | μg/L | 1 | 12/01/11 12:52 |
| cis-1,3-Dichloropropene | ND | 0.50 | μg/L | 1 | 12/01/11 12:52 |
| Dibromochloromethane | ND | 0.50 | μg/L | 1 | 12/01/11 12:52 |
| Dichlorodifluoromethane | ND | 1.00 | μg/L | 1 | 12/01/11 12:52 |
| Ethylbenzene | , ND | 0.50 | μg/L | 1 | 12/01/11 12:52 |
| Methylene chloride | ND | 2.00 | μg/L | 1 | 12/01/11 12:52 |
| Tetrachloroethene | ND | 0.50 | μg/L | 1 | 12/01/11 12:52 |
| Toluene | ND | 0.50 | μg/L | 1 | 12/01/11 12:52 |
| trans-1,2-Dichloroethene | ND | 0.50 | μg/L | 1 | 12/01/11 12:52 |
| trans-1,3-Dichloropropene | ND | 0.50 | μg/L | 1 | 12/01/11 12:52 |
| Trichloroethene | 6.76 | 0.50 | μg/L | 1 | 12/01/11 12:52 |
| Trichlorofluoromethane | ND | 1.00 | µg/L | 1 | 12/01/11 12:52 |
| Vinyl chloride | ND | 1.00 | μg/L | 1 | 12/01/11 12:52 |
| Surr: 1,2-Dichloroethane-d4 | 103 | 75-128 | %REC | 1 | 12/01/11 12:52 |

Qualifiers:

Print Date: 12/02/11 13:55

- * Value exceeds Maximum Contaminant Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit

584328

- 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

Project Supervisor: Anthony Crescenzi Page 21 of 36

Analytical Results

East Syracuse, NY 13057

(315) 445-1900

StateCertNo: 10248

CLIENT

O'Brien & Gere Engineers, Inc.

Project:

Former Accurate Die Cast

W Order:

K1111292

Matrix:

WATER

Inst. ID:

MS01_11

ColumnID: Rtx-VMS Revision:

12/02/11 13:53

Sample Size 10 mL %Moisture:

TestCode 8260W 6012

Lab ID:

K1111292-011A

Client Sample ID: MW-21-112911

Collection Date: Date Received:

11/29/11 11:50 11/29/11 16:23

PrepDate:

BatchNo:

FileID:

R23142

1-SAMP-T2776.D

| Col | Type: | |
|-----|-------|--|
| | | |

| Analyte | Result Qual | PQL | Units | DF | Date Analyzed |
|----------------------------|-------------|--------|---------|----|----------------|
| VOLATILE ORGANIC COMPOUNDS | BY GC/MS | | SW8260B | | |
| Surr: 4-Bromofluorobenzene | 114 | 75-125 | %REC | 1 | 12/01/11 12:52 |
| Surr: Toluene-d8 | 113 | 75-125 | %REC | 1. | 12/01/11 12:52 |

Qualifiers:

Value exceeds Maximum Contaminant Level

Value exceeds the instrument calibration range

Analyte detected below the PQL

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

Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Practical Quantitation Limit (PQL)

Spike Recovery outside accepted recovery limits

Project Supervisor: Anthony Crescenzi Print Date: 12/02/11 13:55 584328

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Analytical Results

East Syracuse, NY 13057

(315) 445-1900

StateCertNo: 10248

CLIENT O'Brien & Gere Engineers, Inc.

Project: Former Accurate Die Cast

W Order: K1111292 Matrix: WATER

MSK_75 Inst. ID:

ColumnID: Rtx-VMS %Moisture:

12/02/11 11:42 Revision: **TestCode** 8260W 6012

Sample Size 10 mL

Lab ID: K1111292-012A Client Sample ID: MW-24-112911

Collection Date: Date Received:

11/29/11 12:30 11/29/11 16:23

PrepDate:

BatchNo: R23139

FileID: 1-SAMP-K7092.D

Col Type:

| Analyte | Result Qual | PQL | Units | DF | Date Analyzed |
|-----------------------------|-------------|--------|---------|----|----------------|
| VOLATILE ORGANIC COMPOUN | DS BY GC/MS | | SW8260B | | |
| 1,1,1-Trichloroethane | ND | 5.00 | μg/L | 10 | 11/30/11 15:11 |
| 1,1,2,2-Tetrachloroethane | ND | 5.00 | μg/L | 10 | 11/30/11 15:11 |
| 1,1,2-Trichloroethane | ND | 5.00 | μg/L | 10 | 11/30/11 15:11 |
| 1,1-Dichloroethane | ND | 5.00 | μg/L | 10 | 11/30/11 15:11 |
| 1,1-Dichloroethene | ND | 5.00 | μg/L | 10 | 11/30/11 15:11 |
| 1,2-Dichlorobenzene | ND | 5.00 | μg/L | 10 | 11/30/11 15:11 |
| 1,2-Dichloroethane | ND | 5.00 | μg/L | 10 | 11/30/11 15:11 |
| 1,2-Dichloropropane | ND | 5.00 | μg/L | 10 | 11/30/11 15:11 |
| 1,3-Dichlorobenzene | ND | 5.00 | μg/L | 10 | 11/30/11 15:11 |
| 1,4-Dichlorobenzene | ND | 5.00 | μg/L | 10 | 11/30/11 15:11 |
| 2-Chloroethylvinyl ether | ND | 50.0 | μg/L | 10 | 11/30/11 15:11 |
| Benzene | ND | 5.00 | μg/L | 10 | 11/30/11 15:11 |
| Bromodichloromethane | ND | 5.00 | μg/L | 10 | 11/30/11 15:11 |
| Bromoform | ND | 10.0 | μg/L | 10 | 11/30/11 15:11 |
| Bromomethane | ND: | 10.0 | μg/L | 10 | 11/30/11 15:11 |
| Carbon tetrachloride | ND | 5.00 | μg/L | 10 | 11/30/11 15:11 |
| Chlorobenzene | ND | 5.00 | μg/L | 10 | 11/30/11 15:11 |
| Chloroethane | ND | 10.0 | μg/L | 10 | 11/30/11 15;11 |
| Chloroform | ND | 5.00 | μg/L | 10 | 11/30/11 15:11 |
| Chloromethane | ND | 10.0 | μg/L | 10 | 11/30/11 15:11 |
| cis-1,2-Dichloroethene | 43.3 | 5.00 | μg/L | 10 | 11/30/11 15:11 |
| cis-1,3-Dichloropropene | ND | 5.00 | μg/L | 10 | 11/30/11 15:11 |
| Dibromochloromethane | ND | 5.00 | μg/L | 10 | 11/30/11 15:11 |
| Dichlorodifluoromethane | ND | 10.0 | μg/L | 10 | 11/30/11 15:11 |
| Ethylbenzene | ND | 5.00 | μg/L | 10 | 11/30/11 15:11 |
| Methylene chloride | ND | 20.0 | μg/L | 10 | 11/30/11 15:11 |
| Tetrachloroethene | ND | 5.00 | μg/L | 10 | 11/30/11 15:11 |
| Toluene | ND | 5.00 | μg/L | 10 | 11/30/11 15:11 |
| trans-1,2-Dichloroethene | ND | 5.00 | μg/L | 10 | 11/30/11 15:11 |
| trans-1,3-Dichloropropene | ND | 5.00 | μg/L | 10 | 11/30/11 15:11 |
| Trichloroethene | 246 | 5.00 | µg/L | 10 | 11/30/11 15:11 |
| Trichlorofluoromethane | ND | 10.0 | µg/L | 10 | 11/30/11 15:11 |
| Vinyl chloride | ND | 10.0 | μg/L | 10 | 11/30/11 15:11 |
| Surr: 1,2-Dichloroethane-d4 | 114 | 75-128 | %REC | 10 | 11/30/11 15:11 |

Qualifiers:

- Value exceeds Maximum Contaminant Level
- Value exceeds the instrument calibration range
- Analyte detected below the PQL
- Prim./Conf. column %D or RPD exceeds limit
- 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

Print Date: 12/02/11 13:55 584281 Project Supervisor: Anthony Crescenzi Page 23 of 36

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

K1111292-012A

CLIENT **Project:**

O'Brien & Gere Engineers, Inc.

Former Accurate Die Cast

W Order: K1111292 Matrix: WATER

Inst. ID: MSK 75

ColumnID: Rtx-VMS

Revision: 12/02/11 11:42

Sample Size 10 mL

TestCode 8260W 6012

PrepDate: BatchNo: %Moisture:

FileID:

Lab ID:

Collection Date:

Date Received:

11/29/11 12:30

11/29/11 16:23

R23139

Client Sample ID: MW-24-112911

1-SAMP-K7092.D

Col Type:

| Analyte | Result Qual | PQL | Units | DF | Date Analyzed |
|----------------------------|-------------|--------|---------|----|----------------|
| VOLATILE ORGANIC COMPOUND | S BY GC/MS | | SW8260B | | |
| Surr: 4-Bromofluorobenzene | 123 | 75-125 | %REC | 10 | 11/30/11 15:11 |
| Surr: Toluene-d8 | 107 | 75-125 | %REC | 10 | 11/30/11 15:11 |

Qualifiers:

Value exceeds Maximum Contaminant Level

Value exceeds the instrument calibration range

Analyte detected below the PQL

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

584281

Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Practical Quantitation Limit (PQL)

Spike Recovery outside accepted recovery limits

Project Supervisor: Anthony Crescenzi

Page 24 of 36

Print Date: 12/02/11 13:55

Analytical Results

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

StateCertNo: 10248

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

Former Accurate Die Cast

Lab ID: K1111292-013A Client Sample ID: MW-22-112911

W Order: K1111292 **Collection Date:**

Matrix: WATER **Date Received:**

11/29/11 12:45

MSK 75 Inst. ID:

Sample Size 10 mL PrepDate: 11/29/11 16:23

ColumnID: Rtx-VMS

%Moisture:

BatchNo:

R23139

12/02/11 11:42 **Revision:**

TestCode 8260W 6012

FileID: 1-SAMP-K7093.D

Col Type:

| Analyte | Result Qual | PQL | Units | DF | Date Analyzed |
|-----------------------------|-------------|--------|---------|---------------------|----------------|
| VOLATILE ORGANIC COMPOUND | S BY GC/MS | | SW8260B | | |
| 1,1,1-Trichloroethane | ND | 0.50 | μg/L | 1 | 11/30/11 15:43 |
| 1,1,2,2-Tetrachloroethane | ND | 0.50 | μg/L | 1 | 11/30/11 15:43 |
| 1,1,2-Trichloroethane | ND | 0.50 | μg/L | 1 | 11/30/11 15:43 |
| 1,1-Dichloroethane | ND | 0.50 | μg/L | 1 | 11/30/11 15:43 |
| 1,1-Dichloroethene | ND | 0.50 | μg/L | 1 | 11/30/11 15:43 |
| 1,2-Dichlorobenzene | ND | 0.50 | μg/L | · · • 1 ···· | 11/30/11-15:43 |
| 1,2-Dichloroethane | ND | 0.50 | μg/L | 1 | 11/30/11 15:43 |
| 1,2-Dichloropropane | ND | 0.50 | μg/L | 1 | 11/30/11 15:43 |
| 1,3-Dichlorobenzene | ND | 0.50 | µg/L | 1 | 11/30/11 15:43 |
| 1,4-Dichlorobenzene | ND | 0.50 | μg/L | 1 | 11/30/11 15:43 |
| 2-Chloroethylvinyl ether | ND. | 5.00 | μg/L | 1 | 11/30/11 15:43 |
| Benzene | ND | 0.50 | μg/L | 1 | 11/30/11 15:43 |
| Bromodichloromethane | ND | 0.50 | μg/L | 1 | 11/30/11 15:43 |
| Bromoform | ND | 1.00 | μg/L | 1 | 11/30/11 15:43 |
| Bromomethane | ND | 1.00 | μg/L | 1 | 11/30/11 15:43 |
| Carbon tetrachloride | ND | 0.50 | μg/L | 1 | 11/30/11 15:43 |
| Chlorobenzene | ND | 0.50 | μg/L | 1 | 11/30/11 15:43 |
| Chloroethane | ND | 1.00 | μg/L | 1 | 11/30/11 15:43 |
| Chloroform | ND | 0.50 | μg/L | 1 | 11/30/11 15:43 |
| Chloromethane | ND | 1.00 | µg/L | 1 | 11/30/11 15:43 |
| cis-1,2-Dichloroethene | 33.4 | 0.50 | μg/L | 1 | 11/30/11 15:43 |
| cis-1,3-Dichloropropene | ND | 0.50 | μg/L | 1 | 11/30/11 15:43 |
| Dibromochloromethane | ND | 0.50 | μg/L | 1 | 11/30/11 15:43 |
| Dichlorodifluoromethane | ND | 1.00 | μg/L | 1 | 11/30/11 15:43 |
| Ethylbenzene | ND | 0.50 | µg/L | 1 | 11/30/11 15:43 |
| Methylene chloride | ND | 2.00 | μg/L | 1 | 11/30/11 15:43 |
| Tetrachloroethene | ND | 0.50 | μg/L | 1 | 11/30/11 15:43 |
| Toluene | ND | 0.50 | μg/L | 1 | 11/30/11 15:43 |
| trans-1,2-Dichloroethene | 1.16 | 0.50 | μg/L | 1 | 11/30/11 15:43 |
| trans-1,3-Dichloropropene | ND | 0.50 | μg/L | 1 | 11/30/11 15:43 |
| Trichloroethene | 23.6 | 0.50 | μg/L | 1 | 11/30/11 15:43 |
| Trichlorofluoromethane | ND | 1.00 | μg/L | 1 | 11/30/11 15:43 |
| Vinyl chloride | ND | 1.00 | μg/L | 1 | 11/30/11 15:43 |
| Surr: 1,2-Dichloroethane-d4 | 111 | 75-128 | %REC | 1 | 11/30/11 15:43 |

Qualifiers:

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

Project Supervisor: Anthony Crescenzi Page 25 of 36 584282 **Print Date:** 12/02/11 13:55

I SI 5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT Project:

O'Brien & Gere Engineers, Inc.

Former Accurate Die Cast

W Order: K1111292 Matrix: WATER

MSK 75 Inst. ID:

ColumnID: Rtx-VMS **Revision:**

Sample Size 10 mL %Moisture:

12/02/11 11:42 **TestCode** 8260W 6012 Lab ID:

K1111292-013A Client Sample ID: MW-22-112911 11/29/11 12:45

Collection Date: Date Received:

11/29/11 16:23

PrepDate:

BatchNo: R23139

FileID:

1-SAMP-K7093.D

Col Type:

| Analyte | Result Qual | PQL | Units | DF | Date Analyzed |
|----------------------------|-------------|--------|-------|----|----------------|
| VOLATILE ORGANIC COMPOUNDS | SW8260B | | | | |
| Surr: 4-Bromofluorobenzene | 122 | 75-125 | %REC | 1 | 11/30/11 15:43 |
| Surr: Toluene-d8 | 105 | 75-125 | %REC | 1 | 11/30/11 15:43 |

Qualifiers:

Print Date: 12/02/11 13:55

Value exceeds Maximum Contaminant Level

Value exceeds the instrument calibration range

Analyte detected below the PQL

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

584282

Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Practical Quantitation Limit (PQL)

Spike Recovery outside accepted recovery limits

Page 26 of 36 Project Supervisor: Anthony Crescenzi

Analytical Results

5854 Butternut Drive

East Syracuse, NY 13057

(315) 445-1900

StateCertNo: 10248

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

W Order: K1111292

Matrix: WATER Inst. ID: MSK 75

ColumnID: Rtx-VMS

Revision: 12/02/11 11:42 Sample Size 10 mL

%Moisture:

TestCode 8260W 6012

Lab ID: K1111292-014A Client Sample ID: MW-18-112911

Collection Date: 11/29/11 13:00 11/29/11 16:23 **Date Received:**

PrepDate:

BatchNo: R23139

FileID: 1-SAMP-K7094.D

Col Type:

| Analyte | Result Qual | PQL | Units | DF | Date Analyzed |
|-----------------------------|-------------|--------|---------|----|----------------|
| VOLATILE ORGANIC COMPOUND | S BY GC/MS | | SW8260B | | |
| 1,1,1-Trichloroethane | ND | 25.0 | μg/L | 50 | 11/30/11 16:15 |
| 1,1,2,2-Tetrachloroethane | ND | 25.0 | μg/L | 50 | 11/30/11 16:15 |
| 1,1,2-Trichloroethane | ND | 25.0 | μg/L | 50 | 11/30/11 16:15 |
| 1,1-Dichloroethane | ND | 25.0 | μg/L | 50 | 11/30/11 16:15 |
| 1,1-Dichloroethene | ND | 25.0 | μg/L | 50 | 11/30/11 16:15 |
| 1,2-Dichlorobenzene | ND | 25.0 | μg/L | 50 | 11/30/11 16:15 |
| 1,2-Dichloroethane | ND | 25.0 | μg/L | 50 | 11/30/11 16:15 |
| 1,2-Dichloropropane | ND | 25.0 | μg/L | 50 | 11/30/11 16:15 |
| 1,3-Dichlorobenzene | ND | 25.0 | μg/L | 50 | 11/30/11 16:15 |
| 1,4-Dichlorobenzene | ND | 25.0 | μg/L | 50 | 11/30/11 16:15 |
| 2-Chloroethylvinyl ether | ND | 250 | μg/L | 50 | 11/30/11 16:15 |
| Benzene | ND | 25.0 | μg/L | 50 | 11/30/11 16:15 |
| Bromodichloromethane | ND | 25.0 | μg/L | 50 | 11/30/11 16:15 |
| Bromoform | ND | 50.0 | μg/L | 50 | 11/30/11 16:15 |
| Bromomethane | ND | 50.0 | μg/L | 50 | 11/30/11 16:15 |
| Carbon tetrachloride | ND | 25.0 | μg/L | 50 | 11/30/11 16:15 |
| Chlorobenzene | ND | 25.0 | µg/L | 50 | 11/30/11 16:15 |
| Chloroethane | ND | 50.0 | μg/L | 50 | 11/30/11 16:15 |
| Chloroform | ND | 25.0 | μg/L | 50 | 11/30/11 16:15 |
| Chloromethane | ND | 50.0 | μg/L | 50 | 11/30/11 16:15 |
| cis-1,2-Dichloroethene | 109 | 25.0 | μg/L | 50 | 11/30/11 16:15 |
| cis-1,3-Dichloropropene | ND | 25.0 | μg/L | 50 | 11/30/11 16:15 |
| Dibromochloromethane | ND | 25.0 | μg/L | 50 | 11/30/11 16:15 |
| Dichlorodifluoromethane | ND | 50.0 | μg/L | 50 | 11/30/11 16:15 |
| Ethylbenzene | ND | 25.0 | μg/L | 50 | 11/30/11 16:15 |
| Methylene chloride | ND | 100 | µg/L | 50 | 11/30/11 16:15 |
| Tetrachloroethene | ND | 25.0 | μg/L | 50 | 11/30/11 16:15 |
| Toluene | ND | 25.0 | μg/L | 50 | 11/30/11 16:15 |
| trans-1,2-Dichloroethene | ND | 25.0 | μg/L | 50 | 11/30/11 16:15 |
| trans-1,3-Dichloropropene | ND | 25.0 | μg/L | 50 | 11/30/11 16:15 |
| Trichloroethene | 1190 | 25.0 | μg/L | 50 | 11/30/11 16:15 |
| Trichlorofluoromethane | ND | 50.0 | μg/L | 50 | 11/30/11 16:15 |
| Vinyl chloride | ND | 50.0 | μg/L | 50 | 11/30/11 16:15 |
| Surr: 1,2-Dichloroethane-d4 | 126 | 75-128 | %REC | 50 | 11/30/11 16:15 |

Qualifiers:

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

Page 27 of 36 Project Supervisor: Anthony Crescenzi **Print Date:** 12/02/11 13:55 584283

Analytical Results

East Syracuse, NY 13057

(315) 445-1900

StateCertNo: 10248

CLIENT

O'Brien & Gere Engineers, Inc.

Lab ID:

K1111292-014A

Project:

Former Accurate Die Cast

Client Sample ID: MW-18-112911

W Order:

K1111292

12/02/11 11:42

Collection Date:

11/29/11 13:00

Matrix:

WATER

Date Received:

11/29/11 16:23

Inst. ID:

Sample Size 10 mL

TestCode 8260W_6012

PrepDate:

R23139

ColumnID: Rtx-VMS

MSK 75

%Moisture:

BatchNo: FileID:

1-SAMP-K7094.D

Revision: Col Type:

| Analyte | Result Qual | PQL | Units | DF | Date Analyzed |
|----------------------------|-------------|--------|---------|----|----------------|
| VOLATILE ORGANIC COMPOUND | S BY GC/MS | | SW8260B | | |
| Surr: 4-Bromofluorobenzene | 124 | 75-125 | %REC | 50 | 11/30/11 16:15 |
| Surr: Toluene-d8 | 104 | 75-125 | %REC | 50 | 11/30/11 16:15 |

Qualifiers:

Print Date: 12/02/11 13:55

Value exceeds Maximum Contaminant Level

Value exceeds the instrument calibration range

Analyte detected below the PQL

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

584283

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)

Spike Recovery outside accepted recovery limits

Project Supervisor: Anthony Crescenzi Page 28 of 36

Analytical Results

East Syracuse, NY 13057

(315) 445-1900

StateCertNo: 10248

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

W Order: K1111292

WATER Matrix: Inst. ID: MS01 11

ColumnID: Rtx-VMS

Revision: 12/02/11 13:53

Sample Size 10 mL %Moisture:

TestCode 8260W_6012

Lab ID: K1111292-015A Client Sample ID: MW-15-112911

Collection Date: 11/29/11 13:55 11/29/11 16:23 **Date Received:**

PrepDate:

BatchNo: R23142

FileID: 1-SAMP-T2777.D

Col Type:

| Analyte | Result Qual | PQL | Units | DF | Date Analyzed |
|-----------------------------|-------------|--------|---------|----|----------------|
| VOLATILE ORGANIC COMPOUND | S BY GC/MS | | SW8260B | | |
| 1,1,1-Trichloroethane | ND | 0.50 | μg/L | 1 | 12/01/11 13:24 |
| 1,1,2,2-Tetrachloroethane | ND | 0.50 | μg/L | 1 | 12/01/11 13:24 |
| 1,1,2-Trichloroethane | ND | 0.50 | μg/L | 1 | 12/01/11 13:24 |
| 1,1-Dichloroethane | ND | 0.50 | μg/L | 1 | 12/01/11 13:24 |
| 1,1-Dichloroethene | ND | 0.50 | μg/L | 1 | 12/01/11 13:24 |
| 1,2-Dichlorobenzene | ND | 0.50 | μg/L | -1 | 12/01/11 13:24 |
| 1,2-Dichloroethane | ND | 0.50 | μg/L | 1 | 12/01/11 13:24 |
| 1,2-Dichloropropane | ND | 0.50 | μg/L | 1 | 12/01/11 13:24 |
| 1,3-Dichlorobenzene | ND | 0.50 | μg/L | 1 | 12/01/11 13:24 |
| 1,4-Dichlorobenzene | ND | 0.50 | µg/L | 1 | 12/01/11 13:24 |
| 2-Chloroethylvinyl ether | ND | 5.00 | μg/L | 1 | 12/01/11 13:24 |
| Benzene | ND | 0.50 | μg/L | 1 | 12/01/11 13:24 |
| Bromodichloromethane | ND | 0.50 | μg/L | 1 | 12/01/11 13:24 |
| Bromoform | ND | 1.00 | μg/L | 1 | 12/01/11 13:24 |
| Bromomethane | ND | 1.00 | μg/L | 1 | 12/01/11 13:24 |
| Carbon tetrachloride | ND | 0.50 | μg/L | 1 | 12/01/11 13:24 |
| Chlorobenzene | ND | 0.50 | μg/L | 1 | 12/01/11 13:24 |
| Chloroethane | ND | 1.00 | μg/L | 1 | 12/01/11 13:24 |
| Chloroform | ND | 0.50 | μg/L | 1 | 12/01/11 13:24 |
| Chloromethane | ND | 1.00 | μg/L | 1 | 12/01/11 13:24 |
| cis-1,2-Dichloroethene | ND | 0.50 | μg/L | 1 | 12/01/11 13:24 |
| cis-1,3-Dichloropropene | ND | 0.50 | μg/L | 1 | 12/01/11 13:24 |
| Dibromochloromethane | ND | 0.50 | μg/L | 1 | 12/01/11 13:24 |
| Dichlorodifluoromethane | ND | 1.00 | μg/L | 1 | 12/01/11 13:24 |
| Ethylbenzene | ND | 0.50 | μg/L | 1 | 12/01/11 13:24 |
| Methylene chloride | ND | 2.00 | µg/L | 1 | 12/01/11 13:24 |
| Tetrachloroethene | ND | 0.50 | μg/L | 1 | 12/01/11 13:24 |
| Toluene | ND | 0.50 | μg/L | 1 | 12/01/11 13:24 |
| trans-1,2-Dichloroethene | ND | 0.50 | μg/L | 1 | 12/01/11 13:24 |
| trans-1,3-Dichloropropene | ND . | 0.50 | μg/L | 1 | 12/01/11 13:24 |
| Trichloroethene | ND | 0.50 | μg/L | 1 | 12/01/11 13:24 |
| Trichlorofluoromethane | ND | 1,00 | µg/L | 1 | 12/01/11 13:24 |
| Vinyl chloride | ND | 1.00 | µg/L | 1 | 12/01/11 13:24 |
| Surr: 1,2-Dichloroethane-d4 | 104 | 75-128 | %REC | 1 | 12/01/11 13:24 |
| | | | | | |

Qualifiers:

Print Date: 12/02/11 13:55

- Value exceeds Maximum Contaminant Level
- Value exceeds the instrument calibration range
- Analyte detected below the PQL
- Prim./Conf. column %D or RPD exceeds limit

584329

- Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)
 - Spike Recovery outside accepted recovery limits

Page 29 of 36 Project Supervisor: Anthony Crescenzi

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

K1111292-015A

CLIENT Project:

O'Brien & Gere Engineers, Inc.

Former Accurate Die Cast

W Order: K1111292 Matrix: WATER

Inst. ID: MS01 11

ColumnID: Rtx-VMS

12/02/11 13:53 **Revision:**

Sample Size 10 mL

%Moisture: **TestCode** 8260W 6012

PrepDate:

BatchNo: FileID:

Lab ID:

Collection Date:

Date Received:

11/29/11 13:55 11/29/11 16:23

Client Sample ID: MW-15-112911

R23142

1-SAMP-T2777.D

Col Type:

| Analyte | Result Qual | PQL | Units | DF | Date Analyzed |
|----------------------------|-------------|--------|---------|----|----------------|
| VOLATILE ORGANIC COMPOUND | S BY GC/MS | | SW8260B | | |
| Surr: 4-Bromofluorobenzene | 112 | 75-125 | %REC | 1 | 12/01/11 13:24 |
| Surr: Toluene-d8 | 112 | 75-125 | %REC | 1 | 12/01/11 13:24 |

Qualifiers:

Value exceeds Maximum Contaminant Level

Value exceeds the instrument calibration range

Analyte detected below the PQL

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

Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Practical Quantitation Limit (PQL)

Spike Recovery outside accepted recovery limits

Page 30 of 36

Print Date: 12/02/11 13:55

584329

Project Supervisor: Anthony Crescenzi

Life Science Laboratories, Inc. 5854 Butternut Drive East Syracuse, NY 13057

Analytical Results

(315) 445-1900

StateCertNo: 10248

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

W Order: K1111292

WATER Matrix:

Inst. ID: MS01 11 ColumnID: Rtx-VMS

Col Type:

Revision: 12/02/11 13:53 Sample Size 10 mL

%Moisture:

TestCode 8260W_6012

Lab ID: K1111292-016A Client Sample ID: MW-13-112911

Collection Date: Date Received:

11/29/11 14:50 11/29/11 16:23

PrepDate:

BatchNo: R23142

FileID: 1-SAMP-T2778.D

| Analyte | Result Qual | PQL | Units | DF | Date Analyzed |
|-----------------------------|-------------|--------|---------|----|----------------|
| VOLATILE ORGANIC COMPOUND | OS BY GC/MS | | SW8260B | | |
| 1,1,1-Trichloroethane | ND | 5.00 | μg/L | 10 | 12/01/11 13:57 |
| 1,1,2,2-Tetrachloroethane | ND | 5.00 | μg/L | 10 | 12/01/11 13:57 |
| 1,1,2-Trichloroethane | ND | 5.00 | μg/L | 10 | 12/01/11 13:57 |
| 1,1-Dichloroethane | ND | 5.00 | μg/L | 10 | 12/01/11 13:57 |
| 1,1-Dichloroethene | ND | 5.00 | μg/L | 10 | 12/01/11 13:57 |
| 1,2-Dichlorobenzene | ND | 5.00 | μg/L | 10 | 12/01/11 13:57 |
| 1,2-Dichloroethane | ND | 5.00 | μg/L | 10 | 12/01/11 13:57 |
| 1,2-Dichloropropane | ND | 5.00 | μg/L | 10 | 12/01/11 13:57 |
| 1,3-Dichlorobenzene | ND | 5.00 | µg/L | 10 | 12/01/11 13:57 |
| 1,4-Dichlorobenzene | ND | 5.00 | μg/L | 10 | 12/01/11 13:57 |
| 2-Chloroethylvinyl ether | ND | 50.0 | µg/L | 10 | 12/01/11 13:57 |
| Benzene | ND | 5.00 | μg/L | 10 | 12/01/11 13:57 |
| Bromodichloromethane | ND. | 5.00 | μg/L | 10 | 12/01/11 13:57 |
| Bromoform | ND | 10.0 | μg/L | 10 | 12/01/11 13:57 |
| Bromomethane | ND | 10.0 | μg/L | 10 | 12/01/11 13:57 |
| Carbon tetrachloride | ND | 5.00 | µg/L | 10 | 12/01/11 13:57 |
| Chlorobenzene | ND | 5.00 | μg/L | 10 | 12/01/11 13:57 |
| Chloroethane | ND | 10.0 | μg/L | 10 | 12/01/11 13:57 |
| Chloroform | ND | 5.00 | µg/L | 10 | 12/01/11 13:57 |
| Chloromethane | ND | 10.0 | μg/L | 10 | 12/01/11 13:57 |
| cis-1,2-Dichloroethene | ND | 5.00 | μg/L | 10 | 12/01/11 13:57 |
| cis-1,3-Dichloropropene | ND | 5.00 | μg/L | 10 | 12/01/11 13:57 |
| Dibromochloromethane | ND | 5.00 | μg/L | 10 | 12/01/11 13:57 |
| Dichlorodifluoromethane | ND | 10.0 | μg/L | 10 | 12/01/11 13:57 |
| Ethylbenzene | ND | 5.00 | μg/L | 10 | 12/01/11 13:57 |
| Methylene chloride | ND | 20.0 | μg/L | 10 | 12/01/11 13:57 |
| Tetrachloroethene | ND | 5.00 | μg/L | 10 | 12/01/11 13:57 |
| Toluene | ND | 5.00 | μg/L | 10 | 12/01/11 13:57 |
| trans-1,2-Dichloroethene | ND | 5.00 | μg/L | 10 | 12/01/11 13:57 |
| trans-1,3-Dichloropropene | ND | 5.00 | μg/L | 10 | 12/01/11 13:57 |
| Trichloroethene | 278 | 5.00 | μg/L | 10 | 12/01/11 13:57 |
| Trichlorofluoromethane | ND | 10.0 | μg/L | 10 | 12/01/11 13:57 |
| Vinyl chloride | ND | 10.0 | μg/L | 10 | 12/01/11 13:57 |
| Surr: 1,2-Dichloroethane-d4 | 100 | 75-128 | %REC | 10 | 12/01/11 13:57 |

Qualifiers:

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

Project Supervisor: Anthony Crescenzi Page 31 of 36 Print Date: 12/02/11 13:55 584330

Analytical Results

East Syracuse, NY 13057

(315) 445-1900

StateCertNo: 10248

CLIENT

O'Brien & Gere Engineers, Inc.

Lab ID:

K1111292-016A

Project:

Former Accurate Die Cast

Client Sample ID: MW-13-112911

W Order:

Collection Date:

11/29/11 14:50

K1111292

Date Received:

Matrix:

WATER

11/29/11 16:23

Inst. ID:

MS01 11

Sample Size 10 mL

PrepDate: BatchNo:

R23142

ColumnID: Rtx-VMS **Revision:**

12/02/11 13:53

%Moisture: **TestCode** 8260W 6012

FileID:

1-SAMP-T2778.D

Col Type:

| Analyte | Result Qual | PQL | Units | DF | Date Analyzed |
|----------------------------|-------------|--------|---------|----|----------------|
| VOLATILE ORGANIC COMPOUND | S BY GC/MS | | SW8260B | | |
| Surr: 4-Bromofluorobenzene | 115 | 75-125 | %REC | 10 | 12/01/11 13:57 |
| Surr: Toluene-d8 | 114 | 75-125 | %REC | 10 | 12/01/11 13:57 |

Qualifiers:

Value exceeds Maximum Contaminant Level

Value exceeds the instrument calibration range

Analyte detected below the PQL

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

Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Practical Quantitation Limit (PQL)

Spike Recovery outside accepted recovery limits

Page 32 of 36 **Print Date:** 12/02/11 13:55 584330 Project Supervisor: Anthony Crescenzi

Life Science Laboratories, Inc. 5854 Butternut Drive East Syracuse, NY 13057

Analytical Results

(315) 445-1900

Sample Size 10 mL

StateCertNo: 10248

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

Lab ID: K1111292-017A Client Sample ID: MW-16-112911

W Order: K1111292 WATER Matrix:

Collection Date: 11/29/11 15:15 **Date Received:** 11/29/11 16:23

MS01 11 Inst. ID:

PrepDate:

ColumnID: Rtx-VMS 12/02/11 13:53 **Revision:**

%Moisture: BatchNo: R23142 **TestCode** 8260W 6012 FileID: 1-SAMP-T2779.D

Col Type:

| Analyte | Result Qual | PQL | Units | DF | Date Analyzed |
|-----------------------------|-------------|--------|---------|-------|----------------|
| VOLATILE ORGANIC COMPOUN | DS BY GC/MS | | SW8260B | | |
| 1,1,1-Trichloroethane | ND | 0.50 | μg/L | 1 | 12/01/11 14:29 |
| 1,1,2,2-Tetrachloroethane | ND | 0.50 | μg/L | 1 | 12/01/11 14:29 |
| 1,1,2-Trichloroethane | ND | 0.50 | μg/L | 1 | 12/01/11 14:29 |
| 1,1-Dichloroethane | ND | 0.50 | µg/L | 1 | 12/01/11 14:29 |
| 1,1-Dichloroethene | ND | 0.50 | μg/L | 1 | 12/01/11 14:29 |
| 1,2-Dichlorobenzene | ND | 0.50 | µg/L | 1 | 12/01/11 14:29 |
| 1,2-Dichloroethane | ND | 0.50 | μg/L | 1 | 12/01/11 14:29 |
| 1,2-Dichloropropane | ND | 0.50 | μg/L | 1 | 12/01/11 14:29 |
| 1,3-Dichlorobenzene | ND | 0.50 | μg/L | 1 | 12/01/11 14:29 |
| 1,4-Dichlorobenzene | ND | 0.50 | μg/L | 1 | 12/01/11 14:29 |
| 2-Chloroethylvinyl ether | ND | 5.00 | μg/L | 1 | 12/01/11 14:29 |
| Benzene | ND | 0.50 | μg/L | 1 | 12/01/11 14:29 |
| Bromodichloromethane | ND | 0.50 | μg/L | 1 | 12/01/11 14:29 |
| Bromoform | ND | 1.00 | μg/L | 1 | 12/01/11 14:29 |
| Bromomethane | ND | 1.00 | μg/L | 1 | 12/01/11 14:29 |
| Carbon tetrachloride | ND | 0.50 | μg/L | 1 | 12/01/11 14:29 |
| Chlorobenzene | ND | 0.50 | μg/L | 1 | 12/01/11 14:29 |
| Chloroethane | ND | 1.00 | μg/L | 1 . | 12/01/11 14:29 |
| Chloroform | ND | 0.50 | μg/L | 1 | 12/01/11 14:29 |
| Chloromethane | ND | 1.00 | μg/L | 1 | 12/01/11 14:29 |
| cis-1,2-Dichloroethene | ND | 0.50 | μg/L | 1 | 12/01/11 14:29 |
| cis-1,3-Dichloropropene | ND | 0.50 | μg/L | 1 | 12/01/11 14:29 |
| Dibromochloromethane | ND | 0.50 | μg/L | 1 | 12/01/11 14:29 |
| Dichlorodifluoromethane | ND | 1.00 | μg/L | 1 | 12/01/11 14:29 |
| Ethylbenzene | ND | 0.50 | μg/L | 1 | 12/01/11 14:29 |
| Methylene chloride | ND | 2.00 | μg/L | 1 | 12/01/11 14:29 |
| Tetrachloroethene | ND | 0.50 | μg/L | 1 | 12/01/11 14:29 |
| Toluene | ND | 0.50 | μg/L | 1 | 12/01/11 14:29 |
| trans-1,2-Dichloroethene | ND | 0.50 | μg/L | 1 | 12/01/11 14:29 |
| trans-1,3-Dichloropropene | ND | 0.50 | μg/L | 1 | 12/01/11 14:29 |
| Trichloroethene | 1.53 | 0.50 | μg/L | 1 | 12/01/11 14:29 |
| Trichlorofluoromethane | ND | 1.00 | μg/L | 1 | 12/01/11 14:29 |
| Vinyl chloride | ND | 1.00 | μg/L | • 1 . | 12/01/11 14:29 |
| Surr: 1,2-Dichloroethane-d4 | 104 | 75-128 | %REC | 1 | 12/01/11 14:29 |

Qualifiers:

- Value exceeds Maximum Contaminant Level
- Value exceeds the instrument calibration range
- Analyte detected below the PQL
- Prim./Conf. column %D or RPD exceeds limit
- Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Practical Quantitation Limit (PQL)

Page 33 of 36

Spike Recovery outside accepted recovery limits

Print Date: 12/02/11 13:55 Project Supervisor: Anthony Crescenzi 584331



Lab ID:

Collection Date:

Date Received:

Analytical Results

East Syracuse, NY 13057

(315) 445-1900

StateCertNo: 10248

K1111292-017A

11/29/11 15:15

11/29/11 16:23

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

W Order: K1111292

Matrix: WATER MS01 11 Inst. ID:

ColumnID: Rtx-VMS

Revision:

%Moisture:

12/02/11 13:53 **TestCode** 8260W 6012

Sample Size 10 mL PrepDate:

BatchNo: R23142

FileID: 1-SAMP-T2779.D

Client Sample ID: MW-16-112911

Col Type:

| Analyte | Result Qual | PQL | Units | DF | Date Analyzed |
|----------------------------|-------------|--------|---------|----|----------------|
| VOLATILE ORGANIC COMPOUND | S BY GC/MS | | SW8260B | | |
| Surr: 4-Bromofluorobenzene | 113 | 75-125 | %REC | 1 | 12/01/11 14:29 |
| Surr: Toluene-d8 | 114 | 75-125 | %REC | 1 | 12/01/11 14:29 |

Qualifiers:

Value exceeds Maximum Contaminant Level

Value exceeds the instrument calibration range

Analyte detected below the PQL

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

Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Practical Quantitation Limit (PQL)

Spike Recovery outside accepted recovery limits

Print Date: 12/02/11 13:55

584331

Project Supervisor: Anthony Crescenzi

Page 34 of 36

Analytical Results

East Syracuse, NY 13057

East Syracuse, NY 13037

(315) 445-1900

StateCertNo: 10248

CLIENT O'Brien & Gere Engineers, Inc.

Project: Former Accurate Die Cast

W Order: K1111292 Matrix: WATER Q

Inst. ID: MS01_11

ColumnID: Rtx-VMS **Revision:** 12/02/11 13:53

Sample Size 10 mL

%Moisture: TestCode 8260W 6012 Lab ID: K1111292-018A Client Sample ID: QC Trip Blank

Collection Date: 11/29/11 0:00 **Date Received:** 11/29/11 16:23

PrepDate:
BatchNo: R23142

FileID: 1-SAMP-T2780.D

Col Type:

| Analyte | Result Qual | PQL | Units | DF | Date Analyzed |
|-----------------------------|--------------------------------|--------|---------|----|----------------|
| VOLATILE ORGANIC COMPOUND | OS BY GC/MS | | SW8260B | | |
| 1,1,1-Trichloroethane | ND | 0.50 | μg/L | 1 | 12/01/11 15:01 |
| 1,1,2,2-Tetrachloroethane | ND | 0.50 | μg/L | 1 | 12/01/11 15:01 |
| 1,1,2-Trichloroethane | ND | 0.50 | μg/L | 1 | 12/01/11 15:01 |
| 1,1-Dichloroethane | ND | 0.50 | μg/L | 1 | 12/01/11 15:01 |
| 1,1-Dichloroethene | ND | 0.50 | µg/L | 1 | 12/01/11 15:01 |
| 1,2-Dichlorobenzene | ··· · · · · · · · ND-··· · · · | 0.50 | µg/L | 1 | 12/01/11 15:01 |
| 1,2-Dichloroethane | ND | 0.50 | μg/L | 1 | 12/01/11 15:01 |
| 1,2-Dichloropropane | ND | 0.50 | μg/L | 1 | 12/01/11 15:01 |
| 1,3-Dichlorobenzene | ND | 0.50 | μg/L | 1 | 12/01/11 15:01 |
| 1,4-Dichlorobenzene | ND | 0.50 | μg/L | 1 | 12/01/11 15:01 |
| 2-Chloroethylvinyl ether | ND | 5.00 | μg/L | 1 | 12/01/11 15:01 |
| Benzene | ND | 0.50 | μg/L | 1 | 12/01/11 15:01 |
| Bromodichloromethane | ND | 0.50 | μg/L | 1 | 12/01/11 15:01 |
| Bromoform | ND | 1.00 | μg/L | 1 | 12/01/11 15:01 |
| Bromomethane | ND | 1.00 | μg/L | 1 | 12/01/11 15:01 |
| Carbon tetrachloride | ND | 0.50 | μg/L | 1 | 12/01/11 15:01 |
| Chlorobenzene | ND | 0.50 | μg/L | 1 | 12/01/11 15:01 |
| Chloroethane | ND | 1.00 | μg/L | 1 | 12/01/11 15:01 |
| Chloroform | ND | 0.50 | μg/L | 1 | 12/01/11 15:01 |
| Chloromethane | ND | 1.00 | μg/L | 1 | 12/01/11 15:01 |
| cis-1,2-Dichloroethene | ND | 0.50 | μg/L | 1 | 12/01/11 15:01 |
| cis-1,3-Dichloropropene | ND | 0.50 | µg/L | 1 | 12/01/11 15:01 |
| Dibromochloromethane | ND | 0.50 | μg/L | 1 | 12/01/11 15:01 |
| Dichlorodifluoromethane | ND | 1.00 | μg/L | 1 | 12/01/11 15:01 |
| Ethylbenzene | ND | 0.50 | μg/L | 1 | 12/01/11 15:01 |
| Methylene chloride | ND. | 2.00 | μg/L | 1 | 12/01/11 15:01 |
| Tetrachloroethene | ND | 0.50 | μg/L | 1 | 12/01/11 15:01 |
| Toluene | ND | 0.50 | μg/L | 1 | 12/01/11 15:01 |
| trans-1,2-Dichloroethene | ND | 0.50 | μg/L | 1 | 12/01/11 15:01 |
| trans-1,3-Dichloropropene | ND | 0.50 | μg/L | 1 | 12/01/11 15:01 |
| Trichloroethene | ND | 0.50 | μg/L | 1 | 12/01/11 15:01 |
| Trichlorofluoromethane | ND ND | 1.00 | μg/L | | 12/01/11 15:01 |
| Vinyl chloride | ND | 1.00 | μg/L | 1 | 12/01/11 15:01 |
| Surr: 1,2-Dichloroethane-d4 | 106 | 75-128 | %REC | 1 | 12/01/11 15:01 |

Qualifiers:

- Value exceeds Maximum Contaminant Level
- E Value exceeds the instrument calibration range
- J Analyte detected below the PQL
- P Prim./Conf. column %D or RPD exceeds limit
- 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

Print Date: 12/02/11 13:55

584332

Project Supervisor: Anthony Crescenzi

East Syracuse, NY 13057

(315) 445-1900

Analytical Results

StateCertNo: 10248

CLIENT Project:

O'Brien & Gere Engineers, Inc.

Former Accurate Die Cast

W Order:

K1111292 WATER Q

Matrix:

Inst. ID:

MS01 11

Col Type:

Revision:

12/02/11 13:53

ColumnID: Rtx-VMS

TestCode 8260W 6012

Sample Size 10 mL %Moisture:

Lab ID:

K1111292-018A Client Sample ID: QC Trip Blank

Collection Date:

11/29/11 0:00

Date Received:

11/29/11 16:23

PrepDate:

FileID:

BatchNo:

R23142

1-SAMP-T2780.D

| Analyte | Result Qual | PQL | Units | DF | Date Analyzed |
|----------------------------|-------------|--------|---------|----|----------------|
| VOLATILE ORGANIC COMPOUND | OS BY GC/MS | | SW8260B | | |
| Surr: 4-Bromofluorobenzene | 113 | 75-125 | %REC | 1 | 12/01/11 15:01 |
| Surr: Toluene-d8 | 113 | 75-125 | %REC | 1 | 12/01/11 15:01 |

Qualifiers:

Print Date: 12/02/11 13:55

Value exceeds Maximum Contaminant Level

Value exceeds the instrument calibration range

Analyte detected below the PQL

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

584332

Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded

ND Not Detected at the Practical Quantitation Limit (PQL)

Spike Recovery outside accepted recovery limits

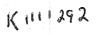
Page 36 of 36 Project Supervisor: Anthony Crescenzi

Sample Receipt Checklist

| Client Name: OBG-MS | | Date and Time Received: | 11/29/2011 4:23:00 PM |
|---|---------------------------|--|-----------------------|
| Work Order Number: K1111292 | | Received by: rsd | |
| Checklist completed by: 6 5 // Da | - 25-1(| Reviewed by:A-C | 1/-30-11 Date |
| Delivery Meth | od: <u>Hand Delivered</u> | <u>d</u> | |
| Shipping container/cooler in good condition? | Yes 🗸 | No Not Present | |
| Custody seals intact on shipping container/cooler? | Yes | No Not Present | ✓ |
| Custody seals intact on sample bottles? | Yes | No Not Applicable | |
| Chain of custody present? | Yes 🗹 | No 🗆 | |
| Chain of custody signed when relinquished and received? | Yes 🗸 | No 🗆 | |
| Chain of custody agrees with sample labels? | Yes 🗹 | · · · No · · · · · · · · · · · · · · · · | |
| Samples in proper container/bottle? | Yes 🗸 | No 🗔 | |
| Sample containers intact? | Yes 🗸 | No 🗔 | |
| Sufficient sample volume for indicated test? | Yes 🗸 | No 🗀 | |
| All samples received within holding time? | Yes 🗹 | No 🗆 | |
| Container/Temp Blank temperature in compliance? | Yes 🗹 | No 🗌 | |
| Water - VOA vials have zero headspace? | Yes | No Mo VOA vials sub | mitted 🔳 |
| Water - pH acceptable upon receipt? | Yes | No Not Applicable | ✓ |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
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| | | | |
| | | | |

Corrective Action:

Comments:



LSL

Life Science Laboratories, Inc. Central Lab

5854 Butternut Drive East Syracuse, New York 13057 (315) 445-1105 **Chain of Custody**

| Client: OBRIEN & GERE | | Analysis/Method | | | | | | | | | |
|------------------------------|----------------------------------|------------------------|-------------------------------|-----------|--------|---|-------------------|--------|-----|------|------------------|
| Project: ACCURATE DIR S | Emme Annis | al well | e se of | 17 | | 7 | | 7 | / / | / | |
| Sampled by: MARTM KENN | ecte | ne wen | Shortsing | | | | : / | / | | / | |
| Client Contact: AL FARREL | Phone # | | | 1 / | | | | | | . / | |
| Sample Description | | | | | | | | | | | 1 of 2 |
| Sample Location | Date Time Collected Collected | Sample Co Matrix or | omp. No. of Grab Container | | / | | | | | | Comments |
| mw-14 1/2911 | 11-29-11 8:10 | water 6 | RAB 3 | 3 | | | | | | - | |
| mw-10 //2911 | 11-29-11 8:20 | water 6 | 48 3 | 3 | | | | | | | |
| by MW-11 112911 | 11-29-11 8:55 | WATER GA | 248 3 | 3 | | | | | | | |
| mw-5/12911 | 11-29-11 9:20 | water 6 | ZAB 3 | 3 | | | | | | | |
| 5 MW-9 1/29/1 | 11-29-11 9:40 | water 6 | eab 3 | 3 | | | | | | | |
| d MW-12 112911 | | water G | | 3 | | | | | | | |
| 01 PZ-1 112911 | 11-99-11 10.25 | | | 3 | | | | | | | |
| 8 MW 6 112911 | 1 1 1 | water G | | 3 | | | | | | | |
| 09 PZ-2 112911 | | water 6 | | 3 | | | | | | | |
| mw 17/12911 | 1 1 | water 6 | | 3 | | | | | | | |
| 11 MW 21 112911 | | water 6 | | 3 | | | | | | | - |
| 12 MW 24 112911 | 11-29-11 12:30 | | | 3 | | | | | | | |
| Relinquished by: Math Konlin | | 3-11 Time: /6 | | ed by: | | | | | Da | ate: | Time: |
| Relinquished by: | Date: | Time: | Receiv | ed by: | | | - | | Da | ate: | Time: |
| Relinquished by: | Date: | Time: | Receiv | ed by Lab | : R | | h | - | Da | ite: | 1-29 Time: 16:23 |
| Shipment Method: /+ AND | | | Airbill 1 | lumber: | | | some steel of the | tomade | | | |
| Circumstant Time Desired | _ | | | | ****** | *************************************** | | | | | |

Turnaround Time Required:

Routine X

Comments:

Cooler Temperature: 100 on icl

Original - Laboratory Copy - Client



Life Science Laboratories, Inc. **Central Lab**

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

Chain of Custody

| ient: OBRIEN & GERE | | | | | | | | | Ar | nalysis | /Meth | | | | | | | | |
|------------------------------------|-------------------|-------------------|------------------|------------------|---------------------------------------|--------|-----|------------------------|------------------|-------------|-------|--------|----------|--|--|--|--|--|--|
| Project: ACCURATE DIE Semmi | ANN | int w | ell sa | moline | | 1 7 | / | - 7 | 7 | | 7 | 1 | | | | | | | |
| Sampled by: MARTIN Koennecto | | | | | | 1 / | | | ; / ¹ | | | / | | | | | | | |
| Client Contact: AL FARRE (Phone # | | | | | | | _/\ | | | | | 2 of 2 | | | | | | | |
| Sample Description | | | | | | of the | o / | | | | | | | | | | | | |
| Sample Location | Date Collected | Time Collected | Sample Matrix | Comp. or Grab | No. of Containers | | | | | | | / | Comments | | | | | | |
| 013 MW-22 1/2911 | 11-29-11 | 12:45 | water | | | 3 | | | | | | | | | | | | | |
| ou MW-18 1/2911 | 11-29-11 | | WATER | | 3 | 3 | | | | | | | | | | | | | |
| OB MW-15 112911 | 11-29-11 | 13:55 | water | GRAB | 3 | 3 | | | | | | | | | | | | | |
| 016 MW-13 112911 | 11-29-11 | 1450 | water | GRAB | 3 | 3 | * . | | | | | | | | | | | | |
| 017 MW-16 112911 | 11-29-11 | 1515 | WATER | GRAB | 3 | 3 | | · | | | | | | | | | | | |
| OS QC TRIP BLANKS | | | - | · | 2 | a | | | | | | | | | | | | | |
| | | | - | | | | | | | | | | | | | | | | |
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| | | | : | | | | | | | | | | | | | | | | |
| Relinquished by: Minth Konline | D | ate//-29 | _// Time | 1620 | Receive | d by: | | | | | Da | ate: | Time: | | | | | | |
| Relinquished by: | | | | Receive | ed by: | | | | | Date: Time: | | Time: | | | | | | | |
| Relinquished by: Date: Time: Rece | | | | Receive | ed by Lab: P() Date: 11-29-1 #ime6:23 | | | | | | | | | | | | | | |
| Shipment Method: HAND Airbill Nu | | | | | umber: | | | frestrang Miller 2 and | >P | | | | | | | | | | |
| Turnaround Time Required: (| :omment | | | | | | | | | | | | | | | | | | |

Routine Rush

Cooler Temperature:

Original - Laboratory Copy - Client