

**MONTGOMERY WATSON LABORATORIES**

Quality Environmental Analysis

A division of Montgomery Watson Americas, Inc.  
June 10, 1999

Foster Wheeler Environmental  
611 Anton Blvd, Suite 800  
Costa Mesa, CA.92626

Attention: Mark Cutler

Re: Report # 54483 (MW-992-092, MW-992-091, MW-992-064,  
MW-992-063, MW-992-062, MW-992-061, MW-992-060)

Sampled: 5/21/99

Dear Mark,

Enclosed please find data deliverables for the recent JPL project. A detailed quality control (QC) summary follows:

**Non-conformance (LCS, MS/MSD, Surrogates, and Holding Times)**

None

**Samples requiring dilution (with increased MRL's):**

MW-992-060, -061, -062, -063, -064 were diluted for anions.

**Method blanks with compounds detected:**

None

**Comments:**

Chloroform was detected in MW-992-091, -064, -060

Tetrachloroethylene was detected in sample MW-992-064, -063, -062, -061, -060

Cis-1,2-Dichloroethylene was detected in sample MW-992-064, -063

Trichloroethylene was detected in sample MW-992-062, -060

Perchlorate was detected in MW-992-063, -060

**TIC's:**

None

**Method Variance:**

None

**Other Comments:**

A QC check on the ASTM type II water supplied for the equipment rinse did not contain Methylene Chloride, but did contain detectable levels of Chloroform at 1.3 ug/L. No Methylene Chloride or Chloroform was detected in the method blank QC. Chloroform concentrations detected in the field samples, up to and including the level detected in the rinse water, may be an artifact of the rinse water.

ASTM type II water does not have specifications for volatiles. Foster Wheeler Environmental Corporation may want to consider the use of 'volatile free' water, if the trace chloroform poses problems. The Stationary Blank, SB, which was purged at the time of preparation, did not contain either compound. Volatile free water, would be substantially more expensive, due to the need to purge the water and the difficulty of preparing it in large quantities.

Sincerely,

Debbie Frank  
Project Manager

cc: Judy Novelty (JPL)

**Laboratory**

555 East Walnut Street  
Pasadena, California 91101  
Tel: 626 568 6400  
Fax: 626 568 6324

**Southwest Service Center**

4820 South Mill Avenue - Suite 202  
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Fax: 602 755 8203

**Northern California Service Center**

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Walnut Creek, California 94596  
Tel: 925 274 2322  
Fax: 925 945 1760

**Southern California Service Center**

30 Corporate Park - Suite 302  
Irvine, California 92606  
Tel: 949 222 1845  
Fax: 949 222 1849

**Montgomery Watson Laboratories**  
, Los Angeles, CA 90051-3508  
PHONE: 626-568-6400/FAX: 626-568-6324

ACKNOWLEDGMENT OF SAMPLES RECEIVED

Foster Wheeler Environmental, Inc  
611 Anton Boulevard  
Suite 800  
Costa Mesa, CA 92626  
Attn: Mark Cutler

Customer Code: ENSERCH  
PO#: Sub PO#007618-0006  
Group#: 54483  
Project#: JPL  
Proj Mgr: Debbie Frank  
Phone: (714) 444-5526

The following samples were received from you on 05/21/99. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using Montgomery Watson Laboratories.

| Sample#   | Sample Id  | Tests Scheduled                                                                                               | Matrix | Sample Date |
|-----------|------------|---------------------------------------------------------------------------------------------------------------|--------|-------------|
| 990521153 | MW-992-092 | @EBASVOA                                                                                                      | Water  | 05/21/99    |
| 990521154 | MW-992-091 | @EBASVOA AS-EBAS CR-EBAS PB-EBAS CR-VI CLO4                                                                   | Water  | 05/21/99    |
| 990521155 | MW-992-064 | @EBASVOA CR-VI PB-EBAS CR-EBAS AS-EBAS TDS CATION1 ANION1 PH EC HCO3 CO3 ALK NO3 SO4 CL FE-MS K NA MG CA CLO4 | Water  | 05/21/99    |
| 990521156 | MW-992-063 | @EBASVOA CLO4 CA MG NA K FE-MS CL SO4 NO3 ALK CO3 HCO3 EC PH ANION1 CATION1 TDS AS-EBAS CR-EBAS PB-EBAS CR-VI | Water  | 05/21/99    |
| 990521157 | MW-992-062 | @EBASVOA CR-VI PB-EBAS CR-EBAS AS-EBAS TDS CATION1 ANION1 PH EC HCO3 CO3 ALK NO3 SO4 CL FE-MS K NA MG CA CLO4 | Water  | 05/21/99    |
| 990521158 | MW-992-061 | @EBASVOA CR-VI PB-EBAS CR-EBAS AS-EBAS TDS CATION1 ANION1 PH EC HCO3 CO3 ALK NO3 SO4 CL FE-MS K NA MG CA CLO4 | Water  | 05/21/99    |
| 990521159 | MW-992-060 | @EBASVOA CR-VI PB-EBAS CR-EBAS AS-EBAS TDS CATION1 ANION1 PH EC HCO3 CO3 ALK NO3 SO4 CL FE-MS K NA MG CA CLO4 | Water  | 05/21/99    |

Test Acronym Description

| Test Acronym | Description |
|--------------|-------------|
|--------------|-------------|

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611 Anton Boulevard  
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Test Acronym Description

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| Test Acronym | Description                     |
|--------------|---------------------------------|
| @EBASVOA     | Regulated VOCs plus Lists 1&3   |
| ALK          | Alkalinity                      |
| ANION1       | Anion Sum                       |
| AS-EBAS      | Arsenic, Total, GF              |
| CA           | Calcium, Total, ICAP            |
| CATION1      | Cation Sum                      |
| CL           | Chloride                        |
| CLO4         | Perchlorate                     |
| CO3          | Carbonate as CO3, Calculated    |
| CR-EBAS      | Chromium, Total, ICAP/MS        |
| CR-VI        | Hexavalent chromium (Cr VI)     |
| EC           | Specific Conductance            |
| FE-MS        | Iron, Total, ICAP/MS            |
| HCO3         | Bicarbonate as HCO3, calculated |
| K            | Potassium, Total, ICAP          |
| MG           | Magnesium, Total, ICAP          |
| NA           | Sodium, Total, ICAP             |
| NO3          | Nitrate-N by IC                 |
| PB-EBAS      | Lead, Total, ICAP/MS            |
| PH           | Lab pH                          |
| SO4          | Sulfate                         |
| TDS          | Total Dissolved Solid (TDS)     |



# FOSTER WHEELER ENVIRONMENTAL CORPORATION

## CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

NUMBER 1253

54483  
TELE - 6-4  
O.P. = STUOR

PAGE 1 OF

| PROJECT<br><b>JPL</b>                                         |                | OFS NO.<br><b>1572.0276</b>               |                                                         | HAZARD IDENTIFICATION<br>Non Hazard <input checked="" type="checkbox"/> Reactive <input type="checkbox"/><br>Flammable <input type="checkbox"/> Toxic <input type="checkbox"/><br>Skin Irritant <input type="checkbox"/> Infectious <input type="checkbox"/> |                             | TIME REQUIRED<br>NORMAL <input checked="" type="checkbox"/> DAYS<br>RUSH <input type="checkbox"/> DAYS |                  |                         |   |   |   |  |  |   |  |   |  |
|---------------------------------------------------------------|----------------|-------------------------------------------|---------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|--------------------------------------------------------------------------------------------------------|------------------|-------------------------|---|---|---|--|--|---|--|---|--|
| PROJECT ADDRESS<br><b>4800 OAK GROVE DR PASADENA CA</b>       |                |                                           |                                                         | ANALYSES REQUIRED                                                                                                                                                                                                                                            |                             |                                                                                                        |                  |                         |   |   |   |  |  |   |  |   |  |
| SAMPLER (Name)<br><b>J. BRENNER</b>                           |                | SAMPLER (Signature)<br><i>[Signature]</i> |                                                         | VOCs (5242)<br>TDMS AS, C, Pb<br>(6010, 7000)<br>MAJOR ANIONS<br>3 TDS<br>Hex Cl<br>ClO4<br>MS FOR VOCs<br>MSD FOR VOCs<br>MS/MSD FOR METALS<br>OC FOR C-6                                                                                                   |                             |                                                                                                        |                  |                         |   |   |   |  |  |   |  |   |  |
| LABORATORY<br><b>MONTGOMERY WATSON LABS</b>                   |                |                                           |                                                         |                                                                                                                                                                                                                                                              |                             |                                                                                                        |                  |                         |   |   |   |  |  |   |  |   |  |
| REPORTS TO BE SENT TO<br><b>MR. MARK CUTLER</b>               |                |                                           |                                                         |                                                                                                                                                                                                                                                              |                             |                                                                                                        |                  |                         |   |   |   |  |  |   |  |   |  |
| SAMPLE NUMBER                                                 | TIME COLLECTED | DATE COLLECTED                            | NUMBER OF CONTAINERS                                    | CONTAINER SIZE(S)                                                                                                                                                                                                                                            | SAMPLE MATERIAL             |                                                                                                        |                  |                         |   |   |   |  |  |   |  |   |  |
|                                                               |                |                                           |                                                         |                                                                                                                                                                                                                                                              | WATER                       | SOIL                                                                                                   | OTHER (Describe) |                         |   |   |   |  |  |   |  |   |  |
| MW-992-092                                                    | 0830           | 5/21/92                                   | 2                                                       | 2x40ml                                                                                                                                                                                                                                                       | X                           |                                                                                                        |                  | X                       |   |   |   |  |  |   |  |   |  |
| MW-992-091                                                    | 0840           | {                                         | 5                                                       | 2x40ml 1x250ml<br>2x125ml                                                                                                                                                                                                                                    | X                           |                                                                                                        |                  | X                       | X |   |   |  |  |   |  |   |  |
| MW-992-064                                                    | 0900           |                                           | 6                                                       | 2x40ml 1x250ml<br>2x125ml 1x500ml                                                                                                                                                                                                                            | X                           |                                                                                                        |                  | X                       | X |   |   |  |  |   |  |   |  |
| MW-992-063                                                    | 1000           |                                           | 6                                                       |                                                                                                                                                                                                                                                              | X                           |                                                                                                        |                  | X                       | X |   |   |  |  |   |  |   |  |
| MW-992-062                                                    | 1100           |                                           | 6                                                       |                                                                                                                                                                                                                                                              | X                           |                                                                                                        |                  | X                       | X |   |   |  |  |   |  | X |  |
| MW-992-061                                                    | 1145           |                                           | 6                                                       | 2x40ml 2x50ml<br>2x125ml                                                                                                                                                                                                                                     | X                           |                                                                                                        |                  | X                       | X |   |   |  |  | X |  |   |  |
| MW-992-061b                                                   | 1145           |                                           | 2                                                       | 2x40ml                                                                                                                                                                                                                                                       | X                           |                                                                                                        |                  |                         |   | X |   |  |  |   |  |   |  |
| MW-992-061c                                                   | 1145           |                                           | 2                                                       | 2x40ml                                                                                                                                                                                                                                                       | X                           |                                                                                                        |                  |                         |   |   | X |  |  |   |  |   |  |
| MW-992-060                                                    | 1240           |                                           | 6                                                       | 2x40ml 1x250ml<br>2x125ml 1x500ml                                                                                                                                                                                                                            | X                           |                                                                                                        |                  | X                       | X |   |   |  |  |   |  |   |  |
| LABORATORY INSTRUCTIONS/COMMENTS<br><br><b>LEVEL IV QA/QC</b> |                |                                           |                                                         |                                                                                                                                                                                                                                                              |                             |                                                                                                        |                  |                         |   |   |   |  |  |   |  |   |  |
| RELINQUISHED BY (Signature)<br><i>[Signature]</i>             |                | DATE<br>5-21-92                           | RECEIVED BY (Signature)<br><i>[Signature]</i> M. DE MEA |                                                                                                                                                                                                                                                              | RELINQUISHED BY (Signature) |                                                                                                        | DATE             | RECEIVED BY (Signature) |   |   |   |  |  |   |  |   |  |
| COMPANY<br>Foster Wheeler                                     |                | TIME<br>14:19                             | COMPANY<br>M. W.                                        |                                                                                                                                                                                                                                                              | COMPANY                     |                                                                                                        | TIME             | COMPANY                 |   |   |   |  |  |   |  |   |  |



# MONTGOMERY LABORATORIES COOLER RECEIPT FORM

PROJECT: ENSERCH

Date Received: 5-21-99

Use other side of this form to note further details concerning check-in problems and to describe any action(s) regarding the resolution(s) of problems.

A. PRELIMINARY EXAMINATION: Date cooler opened: 5-21-99  
by (print) MARTIN L. DEMESA (sign) [Signature]

1. Did cooler come with shipping slip (air bill, etc.)? Yes No  
If YES, attach & enter carrier and air bill # here: DELIVERED BY CLIENT
2. Were custody seals on outside of cooler? Yes No  
If YES, how many & where: 2 OUTSIDE LID  
If Yes, enter the following: seal date: 5-21-99, seal name: MLH
3. Were custody seals unbroken & intact at delivery? Yes No
4. Were custody papers sealed in bag & taped to lid? Yes No
5. Were custody papers filled out properly (ink, etc.) Yes No
6. Did you sign custody papers in appropriate place? Yes No
7. Was project identifiable from custody papers? Yes No
8. Have designated person(s) initial to acknowledge receipt: MLD (date) 5-21-99

B. LOG-IN PHASE: Date samples were logged-in: 5-21-99 by:  
(print) MARTIN L. DEMESA (sign) [Signature]

9. Describe packing:
10. If required, was enough ice used? Yes No
11. Were all bottles sealed in separate plastic bags? Yes No
12. Did all bottles arrive unbroken/in good condition? Yes No
13. Were all bottle labels complete (ID, date, sign, pres)? Yes No
14. Did all bottle labels agree with custody papers?  
If NO, indicate discrepancies on back. Yes No
15. Were correct containers used for the analytes? Yes No
16. Were correct preservatives used when required? Yes No
17. Was sufficient amount of sample sent for tests? Yes No
18. Bubbles absent in VOA vials?  
If NO, list by sample id on back. Yes No
19. Was Client Services informed of problems? Yes No

N/A

|          |                                             |       |        |      |
|----------|---------------------------------------------|-------|--------|------|
| 06/07/99 | Anion Sum                                   | 10.7  | .001   | MEQL |
| 06/07/99 | Bicarbonate as HCO <sub>3</sub> ,calculated | 315   | .001   | MGL  |
| 05/27/99 | Calcium, Total, ICAP                        | 114   | 1.000  | MGL  |
| 06/07/99 | Carbonate as CO <sub>3</sub> , Calculated   | 0.514 | .001   | MGL  |
| 05/28/99 | Cation Sum                                  | 10.6  | .001   | MEQL |
| 05/21/99 | Chloride                                    | 97.4  | 2.000  | MGL  |
| 05/26/99 | Iron, Total, ICAP/MS                        | 135   | *****  | UGL  |
| 05/24/99 | Lab pH                                      | 7.4   | .001   | UNIT |
| 05/27/99 | Magnesium, Total, ICAP                      | 37.6  | .100   | MGL  |
| 05/21/99 | Nitrate-N by IC                             | 10.2  | .200   | MGL  |
| 05/27/99 | Potassium, Total, ICAP                      | 3.1   | 1.000  | MGL  |
| 05/27/99 | Sodium, Total, ICAP                         | 40.7  | 1.000  | MGL  |
| 05/25/99 | Specific Conductance                        | 980   | 4.000  | UMHO |
| 05/21/99 | Sulfate                                     | 97.5  | 4.000  | MGL  |
| 05/27/99 | Total Dissolved Solid (TDS)                 | 600   | 10.000 | MGL  |

Analyzed 990521158 MW-992-061

|          |                                             |       |        |      |
|----------|---------------------------------------------|-------|--------|------|
| 05/24/99 | Tetrachloroethylene (PCE)                   | 0.6   | .500   | UGL  |
| 05/28/99 | Alkalinity                                  | 268   | 2.000  | MGL  |
| 06/07/99 | Anion Sum                                   | 12.8  | .001   | MEQL |
| 06/07/99 | Bicarbonate as HCO <sub>3</sub> ,calculated | 327   | .001   | MGL  |
| 05/27/99 | Calcium, Total, ICAP                        | 128   | 1.000  | MGL  |
| 06/07/99 | Carbonate as CO <sub>3</sub> , Calculated   | 0.672 | .001   | MGL  |
| 05/28/99 | Cation Sum                                  | 12.6  | .001   | MEQL |
| 05/21/99 | Chloride                                    | 139   | 2.000  | MGL  |
| 05/24/99 | Lab pH                                      | 7.5   | .001   | UNIT |
| 05/27/99 | Magnesium, Total, ICAP                      | 46.2  | .100   | MGL  |
| 05/21/99 | Nitrate-N by IC                             | 5.72  | .200   | MGL  |
| 05/27/99 | Potassium, Total, ICAP                      | 3.0   | 1.000  | MGL  |
| 05/27/99 | Sodium, Total, ICAP                         | 54.4  | 1.000  | MGL  |
| 05/25/99 | Specific Conductance                        | 1150  | 4.000  | UMHO |
| 05/21/99 | Sulfate                                     | 150   | 4.000  | MGL  |
| 05/27/99 | Total Dissolved Solid (TDS)                 | 690   | 10.000 | MGL  |

Analyzed 990521159 MW-992-060

|          |                                             |       |        |      |
|----------|---------------------------------------------|-------|--------|------|
| 05/24/99 | Chloroform (Trichloromethane)               | 1.6   | .500   | UGL  |
| 05/24/99 | Tetrachloroethylene (PCE)                   | 0.5   | .500   | UGL  |
| 05/24/99 | Trichloroethylene (TCE)                     | 20    | .500   | UGL  |
| 05/28/99 | Alkalinity                                  | 172   | 2.000  | MGL  |
| 06/07/99 | Anion Sum                                   | 9.14  | .001   | MEQL |
| 06/07/99 | Bicarbonate as HCO <sub>3</sub> ,calculated | 210   | .001   | MGL  |
| 05/27/99 | Calcium, Total, ICAP                        | 94.9  | 1.000  | MGL  |
| 06/07/99 | Carbonate as CO <sub>3</sub> , Calculated   | 0.108 | .001   | MGL  |
| 05/28/99 | Cation Sum                                  | 8.75  | .001   | MEQL |
| 05/21/99 | Chloride                                    | 79.5  | 2.000  | MGL  |
| 05/24/99 | Lab pH                                      | 6.9   | .001   | UNIT |
| 05/27/99 | Magnesium, Total, ICAP                      | 32.2  | .100   | MGL  |
| 05/21/99 | Nitrate-N by IC                             | 15.7  | .200   | MGL  |
| 06/05/99 | Perchlorate                                 | 15    | 4.000  | UGL  |
| 05/27/99 | Potassium, Total, ICAP                      | 2.1   | 1.000  | MGL  |
| 05/27/99 | Sodium, Total, ICAP                         | 29.9  | 1.000  | MGL  |
| 05/25/99 | Specific Conductance                        | 855   | 4.000  | UMHO |
| 05/21/99 | Sulfate                                     | 112   | 4.000  | MGL  |
| 05/27/99 | Total Dissolved Solid (TDS)                 | 520   | 10.000 | MGL  |



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a Division of Montgomery Watson Americas, Inc.

555 East Walnut Street

Pasadena, California 91101

Tel: 626 568 6400 Fax: 626 568 6324

1 800 566 LABS (1 800 566 5227)

**Laboratory Report**

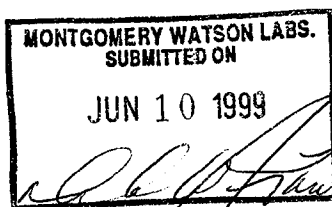
for

Foster Wheeler Environmental, Inc  
611 Anton Boulevard

Suite 800

Costa Mesa , CA 92626

Attention: Mark Cutler  
Fax: (714)444-5560



DEB\* Debbie Frank

Report#: 54483  
JPL

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555 East Walnut Street

Pasadena, California 91101

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1 800 566 LABS (1 800 566 5227)

**Laboratory  
Report  
#54483**

Foster Wheeler Environmental, Inc  
Mark Cutler  
611 Anton Boulevard  
Suite 800  
Costa Mesa , CA 92626

Samples Received  
21-may-1999 15:08:24

| Prepared                      | Analyzed | QC Batch#        | Method                        | Analyte | Result              | Units | MRL | Dilution |
|-------------------------------|----------|------------------|-------------------------------|---------|---------------------|-------|-----|----------|
| MW-992-092 (990521153)        |          |                  |                               |         | Sampled on 05/21/99 |       |     |          |
| Regulated VOCs plus Lists 1&3 |          |                  |                               |         |                     |       |     |          |
| 05/24/99                      | 96767    | ( ML/EPA 524.2 ) | 1,1,1,2-Tetrachloroethane     | ND      | ug/l                | 0.50  | 1   |          |
| 05/24/99                      | 96767    | ( ML/EPA 524.2 ) | 1,1,1-Trichloroethane         | ND      | ug/l                | 0.50  | 1   |          |
| 05/24/99                      | 96767    | ( ML/EPA 524.2 ) | 1,1,2,2-Tetrachloroethane     | ND      | ug/l                | 0.50  | 1   |          |
| 05/24/99                      | 96767    | ( ML/EPA 524.2 ) | 1,1,2-Trichloroethane         | ND      | ug/l                | 0.50  | 1   |          |
| 05/24/99                      | 96767    | ( ML/EPA 524.2 ) | 1,1-Dichloroethane            | ND      | ug/l                | 0.50  | 1   |          |
| 05/24/99                      | 96767    | ( ML/EPA 524.2 ) | 1,1-Dichloroethylene          | ND      | ug/l                | 0.50  | 1   |          |
| 05/24/99                      | 96767    | ( ML/EPA 524.2 ) | 1,1-Dichloropropene           | ND      | ug/l                | 0.50  | 1   |          |
| 05/24/99                      | 96767    | ( ML/EPA 524.2 ) | 1,2,3-Trichlorobenzene        | ND      | ug/l                | 0.50  | 1   |          |
| 05/24/99                      | 96767    | ( ML/EPA 524.2 ) | 1,2,3-Trichloropropane        | ND      | ug/l                | 0.50  | 1   |          |
| 05/24/99                      | 96767    | ( ML/EPA 524.2 ) | 1,2,4-Trichlorobenzene        | ND      | ug/l                | 0.50  | 1   |          |
| 05/24/99                      | 96767    | ( ML/EPA 524.2 ) | 1,2,4-Trimethylbenzene        | ND      | ug/l                | 0.50  | 1   |          |
| 05/24/99                      | 96767    | ( ML/EPA 524.2 ) | 1,2-Dichloroethane            | ND      | ug/l                | 0.50  | 1   |          |
| 05/24/99                      | 96767    | ( ML/EPA 524.2 ) | 1,2-Dichloropropane           | ND      | ug/l                | 0.50  | 1   |          |
| 05/24/99                      | 96767    | ( ML/EPA 524.2 ) | 1,3,5-Trimethylbenzene        | ND      | ug/l                | 0.50  | 1   |          |
| 05/24/99                      | 96767    | ( ML/EPA 524.2 ) | 1,3-Dichloropropane           | ND      | ug/l                | 0.50  | 1   |          |
| 05/24/99                      | 96767    | ( ML/EPA 524.2 ) | p-Dichlorobenzene (1,4-DCB)   | ND      | ug/l                | 0.50  | 1   |          |
| 05/24/99                      | 96767    | ( ML/EPA 524.2 ) | 2,2-Dichloropropane           | ND      | ug/l                | 0.50  | 1   |          |
| 05/24/99                      | 96767    | ( ML/EPA 524.2 ) | 2-Butanone (MEK)              | ND      | ug/l                | 5.0   | 1   |          |
| 05/24/99                      | 96767    | ( ML/EPA 524.2 ) | o-Chlorotoluene               | ND      | ug/l                | 0.50  | 1   |          |
| 05/24/99                      | 96767    | ( ML/EPA 524.2 ) | p-Chlorotoluene               | ND      | ug/l                | 0.50  | 1   |          |
| 05/24/99                      | 96767    | ( ML/EPA 524.2 ) | 4-Methyl-2-Pentanone (MIBK)   | ND      | ug/l                | 5.0   | 1   |          |
| 05/24/99                      | 96767    | ( ML/EPA 524.2 ) | Benzene                       | ND      | ug/l                | 0.50  | 1   |          |
| 05/24/99                      | 96767    | ( ML/EPA 524.2 ) | Bromobenzene                  | ND      | ug/l                | 0.50  | 1   |          |
| 05/24/99                      | 96767    | ( ML/EPA 524.2 ) | Bromomethane (Methyl Bromide) | ND      | ug/l                | 0.50  | 1   |          |
| 05/24/99                      | 96767    | ( ML/EPA 524.2 ) | cis-1,2-Dichloroethylene      | ND      | ug/l                | 0.50  | 1   |          |
| 05/24/99                      | 96767    | ( ML/EPA 524.2 ) | Chlorobenzene                 | ND      | ug/l                | 0.50  | 1   |          |
| 05/24/99                      | 96767    | ( ML/EPA 524.2 ) | Carbon Tetrachloride          | ND      | ug/l                | 0.50  | 1   |          |
| 05/24/99                      | 96767    | ( ML/EPA 524.2 ) | cis-1,3-Dichloropropene       | ND      | ug/l                | 0.50  | 1   |          |
| 05/24/99                      | 96767    | ( ML/EPA 524.2 ) | Bromoform                     | ND      | ug/l                | 0.50  | 1   |          |

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 1 800 566 LABS (1 800 566 5227)

**Laboratory  
 Report  
 #54483**

Foster Wheeler Environmental, Inc  
 (continued)

| Prepared | Analyzed | QC Batch# | Method           | Analyte                        | Result | Units | MRL  | Dilution |
|----------|----------|-----------|------------------|--------------------------------|--------|-------|------|----------|
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | Chloroform (Trichloromethane)  | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | Bromochloromethane             | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | Chloroethane                   | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | Chloromethane(Methyl Chloride) | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | Chlorodibromomethane           | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | Dibromomethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | Bromodichloromethane           | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | Dichloromethane                | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | Ethyl benzene                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | Dichlorodifluoromethane        | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | Fluorotrichloromethane-Freon11 | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | Hexachlorobutadiene            | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | Isopropylbenzene               | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | m-Dichlorobenzene (1,3-DCB)    | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | m,p-Xylenes                    | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | Naphthalene                    | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | n-Butylbenzene                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | n-Propylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | o-Xylene                       | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | o-Dichlorobenzene (1,2-DCB)    | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | Tetrachloroethylene (PCE)      | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | p-Isopropyltoluene             | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | sec-Butylbenzene               | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | Styrene                        | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | trans-1,2-Dichloroethylene     | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | tert-Butylbenzene              | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | Trichloroethylene (TCE)        | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | Trichlorotrifluoroethane(Freon | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | trans-1,3-Dichloropropene      | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | Toluene                        | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | Vinyl chloride (VC)            | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )    | None detected                  | ND     |       |      | 1        |
|          |          |           | ( Surrogate )    | 1,2-Dichloroethane-d4          | 100    | % Rec |      |          |
|          |          |           | ( Surrogate )    | 4-Bromofluorobenzene           | 106    | % Rec |      |          |
|          |          |           | ( Surrogate )    | Toluene-d8                     | 104    | % Rec |      |          |

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**Laboratory****Report****#54483**Foster Wheeler Environmental, Inc  
(continued)

| Prepared                                 | Analyzed | QC Batch#        | Method                        | Analyte                     | Result | Units | MRL   | Dilution |
|------------------------------------------|----------|------------------|-------------------------------|-----------------------------|--------|-------|-------|----------|
| <b>MW-992-091 (990521154)</b>            |          |                  |                               | <b>Sampled on 05/21/99</b>  |        |       |       |          |
| 05/25/99                                 | 05/27/99 | 96890            | ( S3113B/E200.9 )             | Arsenic, Total, GF          | ND     | mg/l  | 0.005 | 1        |
|                                          | 06/05/99 | 97167            | ( MOD/EPA 300 )               | Perchlorate                 | ND     | ug/l  | 4.0   | 1        |
| 05/25/99                                 | 05/26/99 | 96831            | ( EPA/ML 200.8 )              | Chromium, Total, ICAP/MS    | ND     | ug/l  | 10    | 1        |
|                                          | 05/21/99 | 96588            | ( ML/SW 7196 )                | Hexavalent chromium (Cr VI) | ND     | mg/l  | 0.005 | 1        |
| 05/25/99                                 | 05/26/99 | 96833            | ( EPA/ML 200.8 )              | Lead, Total, ICAP/MS        | ND     | ug/l  | 2.0   | 1        |
| <b>Regulated VOCs plus Lists 1&amp;3</b> |          |                  |                               |                             |        |       |       |          |
| 05/24/99                                 | 96767    | ( ML/EPA 524.2 ) | 1,1,1,2-Tetrachloroethane     |                             | ND     | ug/l  | 0.50  | 1        |
| 05/24/99                                 | 96767    | ( ML/EPA 524.2 ) | 1,1,1-Trichloroethane         |                             | ND     | ug/l  | 0.50  | 1        |
| 05/24/99                                 | 96767    | ( ML/EPA 524.2 ) | 1,1,2,2-Tetrachloroethane     |                             | ND     | ug/l  | 0.50  | 1        |
| 05/24/99                                 | 96767    | ( ML/EPA 524.2 ) | 1,1,2-Trichloroethane         |                             | ND     | ug/l  | 0.50  | 1        |
| 05/24/99                                 | 96767    | ( ML/EPA 524.2 ) | 1,1-Dichloroethane            |                             | ND     | ug/l  | 0.50  | 1        |
| 05/24/99                                 | 96767    | ( ML/EPA 524.2 ) | 1,1-Dichloroethylene          |                             | ND     | ug/l  | 0.50  | 1        |
| 05/24/99                                 | 96767    | ( ML/EPA 524.2 ) | 1,1-Dichloropropene           |                             | ND     | ug/l  | 0.50  | 1        |
| 05/24/99                                 | 96767    | ( ML/EPA 524.2 ) | 1,2,3-Trichlorobenzene        |                             | ND     | ug/l  | 0.50  | 1        |
| 05/24/99                                 | 96767    | ( ML/EPA 524.2 ) | 1,2,3-Trichloropropane        |                             | ND     | ug/l  | 0.50  | 1        |
| 05/24/99                                 | 96767    | ( ML/EPA 524.2 ) | 1,2,4-Trichlorobenzene        |                             | ND     | ug/l  | 0.50  | 1        |
| 05/24/99                                 | 96767    | ( ML/EPA 524.2 ) | 1,2,4-Trimethylbenzene        |                             | ND     | ug/l  | 0.50  | 1        |
| 05/24/99                                 | 96767    | ( ML/EPA 524.2 ) | 1,2-Dichloroethane            |                             | ND     | ug/l  | 0.50  | 1        |
| 05/24/99                                 | 96767    | ( ML/EPA 524.2 ) | 1,2-Dichloropropane           |                             | ND     | ug/l  | 0.50  | 1        |
| 05/24/99                                 | 96767    | ( ML/EPA 524.2 ) | 1,3,5-Trimethylbenzene        |                             | ND     | ug/l  | 0.50  | 1        |
| 05/24/99                                 | 96767    | ( ML/EPA 524.2 ) | 1,3-Dichloropropane           |                             | ND     | ug/l  | 0.50  | 1        |
| 05/24/99                                 | 96767    | ( ML/EPA 524.2 ) | p-Dichlorobenzene (1,4-DCB)   |                             | ND     | ug/l  | 0.50  | 1        |
| 05/24/99                                 | 96767    | ( ML/EPA 524.2 ) | 2,2-Dichloropropane           |                             | ND     | ug/l  | 0.50  | 1        |
| 05/24/99                                 | 96767    | ( ML/EPA 524.2 ) | 2-Butanone (MEK)              |                             | ND     | ug/l  | 5.0   | 1        |
| 05/24/99                                 | 96767    | ( ML/EPA 524.2 ) | o-Chlorotoluene               |                             | ND     | ug/l  | 0.50  | 1        |
| 05/24/99                                 | 96767    | ( ML/EPA 524.2 ) | p-Chlorotoluene               |                             | ND     | ug/l  | 0.50  | 1        |
| 05/24/99                                 | 96767    | ( ML/EPA 524.2 ) | 4-Methyl-2-Pentanone (MIBK)   |                             | ND     | ug/l  | 5.0   | 1        |
| 05/24/99                                 | 96767    | ( ML/EPA 524.2 ) | Benzene                       |                             | ND     | ug/l  | 0.50  | 1        |
| 05/24/99                                 | 96767    | ( ML/EPA 524.2 ) | Bromobenzene                  |                             | ND     | ug/l  | 0.50  | 1        |
| 05/24/99                                 | 96767    | ( ML/EPA 524.2 ) | Bromomethane (Methyl Bromide) |                             | ND     | ug/l  | 0.50  | 1        |
| 05/24/99                                 | 96767    | ( ML/EPA 524.2 ) | cis-1,2-Dichloroethylene      |                             | ND     | ug/l  | 0.50  | 1        |
| 05/24/99                                 | 96767    | ( ML/EPA 524.2 ) | Chlorobenzene                 |                             | ND     | ug/l  | 0.50  | 1        |
| 05/24/99                                 | 96767    | ( ML/EPA 524.2 ) | Carbon Tetrachloride          |                             | ND     | ug/l  | 0.50  | 1        |

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**Laboratory****Report****#54483**Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method            | Analyte                          | Result | Units | MRL  | Dilution |
|----------|----------|-----------|-------------------|----------------------------------|--------|-------|------|----------|
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | cis-1,3-Dichloropropene          | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Bromoform                        | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Chloroform (Trichloromethane)    | 1.1    | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Bromochloromethane               | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Chloroethane                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Chloromethane (Methyl Chloride)  | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Chlorodibromomethane             | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Dibromomethane                   | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Bromodichloromethane             | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Dichloromethane                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Ethyl benzene                    | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/E524.2/624 ) | Dichlorodifluoromethane          | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Fluorotrichloromethane-Freon11   | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Hexachlorobutadiene              | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Isopropylbenzene                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | m-Dichlorobenzene (1,3-DCB)      | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | m,p-Xylenes                      | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Naphthalene                      | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | n-Butylbenzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | n-Propylbenzene                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | o-Xylene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | o-Dichlorobenzene (1,2-DCB)      | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Tetrachloroethylene (PCE)        | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | p-Isopropyltoluene               | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | sec-Butylbenzene                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Styrene                          | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | trans-1,2-Dichloroethylene       | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | tert-Butylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Trichloroethylene (TCE)          | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Trichlorotrifluoroethane (Freon) | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | trans-1,3-Dichloropropene        | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Toluene                          | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Vinyl chloride (VC)              | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )     | None detected                    | ND     |       |      | 1        |
|          |          |           | ( Surrogate )     | 1,2-Dichloroethane-d4            | 98     | % Rec |      |          |
|          |          |           | ( Surrogate )     | 4-Bromofluorobenzene             | 105    | % Rec |      |          |

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**Laboratory****Report****#54483**Foster Wheeler Environmental, Inc  
(continued)

| Prepared                                               | Analyzed | QC Batch# | Method            | Analyte                        | Result | Units   | MRL    | Dilution |
|--------------------------------------------------------|----------|-----------|-------------------|--------------------------------|--------|---------|--------|----------|
|                                                        |          |           | ( Surrogate )     | Toluene-d8                     | 97     | % Rec   |        |          |
| <b>MW-992-064 (990521155)      Sampled on 05/21/99</b> |          |           |                   |                                |        |         |        |          |
|                                                        | 05/28/99 | 97178     | ( ML/SM2320B )    | Alkalinity                     | 212    | mg/l    | 2.0    | 1        |
|                                                        | 06/07/99 |           | ( ML/SM1040 )     | Anion Sum                      | 8.63   | meq/l   | 0.0010 | 1        |
| 05/25/99                                               | 05/27/99 | 96890     | ( S3113B/E200.9 ) | Arsenic, Total, GF             | ND     | mg/l    | 0.005  | 1        |
| 05/27/99                                               | 05/27/99 | 96843     | ( ML/EPA 200.7 )  | Calcium, Total, ICAP           | 88.7   | mg/l    | 1.0    | 1        |
|                                                        | 05/28/99 |           | ( ML/SM1040 )     | Cation Sum                     | 8.64   | meq/l   | 0.0010 | 1        |
|                                                        | 05/21/99 | 96714     | ( ML/EPA 300 )    | Chloride                       | 67.4   | mg/l    | 2.0    | 2        |
|                                                        | 06/05/99 | 97167     | ( MOD/EPA 300 )   | Perchlorate                    | ND     | ug/l    | 4.0    | 1        |
|                                                        | 06/07/99 |           | ( ML/SM2320B )    | Carbonate as CO3, Calculated   | 1.06   | mg/l    | 0.0010 | 1        |
| 05/25/99                                               | 05/26/99 | 96831     | ( EPA/ML 200.8 )  | Chromium, Total, ICAP/MS       | ND     | ug/l    | 10     | 1        |
|                                                        | 05/21/99 | 96588     | ( ML/SW 7196 )    | Hexavalent chromium (Cr VI)    | ND     | mg/l    | 0.005  | 1        |
|                                                        | 05/25/99 | 96684     | ( ML/S2510B )     | Specific Conductance           | 815    | umho/cm | 4.0    | 1        |
| 05/25/99                                               | 05/26/99 | 96832     | ( EPA/ML 200.8 )  | Iron, Total, ICAP/MS           | 830    | ug/l    | 100    | 1        |
|                                                        | 06/07/99 |           | ( ML/SM2320B )    | Bicarbonate as HCO3,calculated | 258    | mg/l    | 0.0010 | 1        |
| 05/27/99                                               | 05/27/99 | 96845     | ( ML/EPA 200.7 )  | Potassium, Total, ICAP         | 2.8    | mg/l    | 1.0    | 1        |
| 05/27/99                                               | 05/27/99 | 96847     | ( ML/EPA 200.7 )  | Magnesium, Total, ICAP         | 31.9   | mg/l    | 0.10   | 1        |
| 05/27/99                                               | 05/27/99 | 96849     | ( ML/EPA 200.7 )  | Sodium, Total, ICAP            | 34.6   | mg/l    | 1.0    | 1        |
|                                                        | 05/21/99 | 96716     | ( ML/EPA 300.0 )  | Nitrate-N by IC                | 10.3   | mg/l    | 0.20   | 2        |
| 05/25/99                                               | 05/26/99 | 96833     | ( EPA/ML 200.8 )  | Lead, Total, ICAP/MS           | ND     | ug/l    | 2.0    | 1        |
|                                                        | 05/24/99 | 96679     | ( ML/SM 4500HB)   | Lab pH                         | 7.8    | Units   | 0.0010 | 1        |
|                                                        | 05/21/99 | 96718     | ( ML/EPA 300.0 )  | Sulfate                        | 84.0   | mg/l    | 4.0    | 2        |
|                                                        | 05/27/99 | 96986     | ( ML/SM2540C )    | Total Dissolved Solid (TDS)    | 520    | mg/l    | 10     | 1        |
| <b>Regulated VOCs plus Lists 1&amp;3</b>               |          |           |                   |                                |        |         |        |          |
|                                                        | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | 1,1,1,2-Tetrachloroethane      | ND     | ug/l    | 0.50   | 1        |
|                                                        | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | 1,1,1-Trichloroethane          | ND     | ug/l    | 0.50   | 1        |
|                                                        | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | 1,1,2,2-Tetrachloroethane      | ND     | ug/l    | 0.50   | 1        |
|                                                        | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | 1,1,2-Trichloroethane          | ND     | ug/l    | 0.50   | 1        |
|                                                        | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | 1,1-Dichloroethane             | ND     | ug/l    | 0.50   | 1        |
|                                                        | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | 1,1-Dichloroethylene           | ND     | ug/l    | 0.50   | 1        |
|                                                        | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | 1,1-Dichloropropene            | ND     | ug/l    | 0.50   | 1        |
|                                                        | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | 1,2,3-Trichlorobenzene         | ND     | ug/l    | 0.50   | 1        |
|                                                        | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | 1,2,3-Trichloropropane         | ND     | ug/l    | 0.50   | 1        |
|                                                        | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | 1,2,4-Trichlorobenzene         | ND     | ug/l    | 0.50   | 1        |



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**Laboratory  
Report  
#54483**Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method            | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|-------------------|---------------------------------|--------|-------|------|----------|
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | 1,2,4-Trimethylbenzene          | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | 1,2-Dichloroethane              | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | 1,2-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | 1,3,5-Trimethylbenzene          | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | 1,3-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | p-Dichlorobenzene (1,4-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | 2,2-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | 2-Butanone (MEK)                | ND     | ug/l  | 5.0  | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | o-Chlorotoluene                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | p-Chlorotoluene                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | 4-Methyl-2-Pentanone (MIBK)     | ND     | ug/l  | 5.0  | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Benzene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Bromobenzene                    | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Bromomethane (Methyl Bromide)   | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | cis-1,2-Dichloroethylene        | 1.5    | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Chlorobenzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Carbon Tetrachloride            | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | cis-1,3-Dichloropropene         | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Bromoform                       | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Chloroform (Trichloromethane)   | 0.7    | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Bromochloromethane              | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Chloroethane                    | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Chloromethane (Methyl Chloride) | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Chlorodibromomethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Dibromomethane                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Bromodichloromethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Dichloromethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Ethyl benzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/E524.2/624 ) | Dichlorodifluoromethane         | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Fluorotrichloromethane-Freon11  | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Hexachlorobutadiene             | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Isopropylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | m-Dichlorobenzene (1,3-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | m,p-Xylenes                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Naphthalene                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | n-Butylbenzene                  | ND     | ug/l  | 0.50 | 1        |

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**Laboratory****Report****#54483**Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method           | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|------------------|---------------------------------|--------|-------|------|----------|
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | n-Propylbenzene                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | o-Xylene                        | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | o-Dichlorobenzene (1,2-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | Tetrachloroethylene (PCE)       | 8.2    | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | p-Isopropyltoluene              | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | sec-Butylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | Styrene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | trans-1,2-Dichloroethylene      | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | tert-Butylbenzene               | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | Trichloroethylene (TCE)         | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | Trichlorotrifluoroethane (Freon | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | trans-1,3-Dichloropropene       | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | Toluene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | Vinyl chloride (VC)             | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )    | None detected                   | ND     |       |      | 1        |
|          |          |           | ( Surrogate )    | 1,2-Dichloroethane-d4           | 101    | % Rec |      |          |
|          |          |           | ( Surrogate )    | 4-Bromofluorobenzene            | 103    | % Rec |      |          |
|          |          |           | ( Surrogate )    | Toluene-d8                      | 98     | % Rec |      |          |

**MW-992-063 (990521156) Sampled on 05/21/99**

|          |          |       |                   |                                |       |         |        |   |
|----------|----------|-------|-------------------|--------------------------------|-------|---------|--------|---|
|          | 05/28/99 | 97178 | ( ML/SM2320B )    | Alkalinity                     | 190   | mg/l    | 2.0    | 1 |
|          | 06/07/99 |       | ( ML/SM1040 )     | Anion Sum                      | 6.56  | meq/l   | 0.0010 | 1 |
| 05/25/99 | 05/28/99 | 96890 | ( S3113B/E200.9 ) | Arsenic, Total, GF             | ND    | mg/l    | 0.005  | 1 |
| 05/27/99 | 05/27/99 | 96843 | ( ML/EPA 200.7 )  | Calcium, Total, ICAP           | 70.9  | mg/l    | 1.0    | 1 |
|          | 05/28/99 |       | ( ML/SM1040 )     | Cation Sum                     | 6.73  | meq/l   | 0.0010 | 1 |
|          | 05/21/99 | 96714 | ( ML/EPA 300 )    | Chloride                       | 45.9  | mg/l    | 2.0    | 2 |
|          | 06/05/99 | 97167 | ( MOD/EPA 300 )   | Perchlorate                    | 4.8   | ug/l    | 4.0    | 1 |
|          | 06/07/99 |       | ( ML/SM2320B )    | Carbonate as CO3, Calculated   | 0.379 | mg/l    | 0.0010 | 1 |
| 05/25/99 | 05/26/99 | 96831 | ( EPA/ML 200.8 )  | Chromium, Total, ICAP/MS       | ND    | ug/l    | 10     | 1 |
|          | 05/21/99 | 96588 | ( ML/SW 7196 )    | Hexavalent chromium (Cr VI)    | ND    | mg/l    | 0.005  | 1 |
|          | 05/25/99 | 96685 | ( ML/S2510B )     | Specific Conductance           | 630   | umho/cm | 4.0    | 1 |
| 05/25/99 | 05/26/99 | 96832 | ( EPA/ML 200.8 )  | Iron, Total, ICAP/MS           | 170   | ug/l    | 100    | 1 |
|          | 06/07/99 |       | ( ML/SM2320B )    | Bicarbonate as HCO3,calculated | 232   | mg/l    | 0.0010 | 1 |
| 05/27/99 | 05/27/99 | 96845 | ( ML/EPA 200.7 )  | Potassium, Total, ICAP         | 2.3   | mg/l    | 1.0    | 1 |
| 05/27/99 | 05/27/99 | 96847 | ( ML/EPA 200.7 )  | Magnesium, Total, ICAP         | 23.3  | mg/l    | 0.10   | 1 |
| 05/27/99 | 05/27/99 | 96849 | ( ML/EPA 200.7 )  | Sodium, Total, ICAP            | 27.7  | mg/l    | 1.0    | 1 |

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**Laboratory****Report****#54483**Foster Wheeler Environmental, Inc  
(continued)

| Prepared                                 | Analyzed | QC Batch# | Method           | Analyte                       | Result | Units | MRL    | Dilution |
|------------------------------------------|----------|-----------|------------------|-------------------------------|--------|-------|--------|----------|
|                                          | 05/21/99 | 96716     | ( ML/EPA 300.0 ) | Nitrate-N by IC               | 8.30   | mg/l  | 0.20   | 2        |
| 05/25/99                                 | 05/26/99 | 96833     | ( EPA/ML 200.8 ) | Lead, Total, ICAP/MS          | ND     | ug/l  | 2.0    | 1        |
|                                          | 05/24/99 | 96679     | ( ML/SM 4500HB)  | Lab pH                        | 7.4    | Units | 0.0010 | 1        |
|                                          | 05/21/99 | 96718     | ( ML/EPA 300.0 ) | Sulfate                       | 41.8   | mg/l  | 4.0    | 2        |
|                                          | 05/27/99 | 96986     | ( ML/SM2540C )   | Total Dissolved Solid (TDS)   | 420    | mg/l  | 10     | 1        |
| <b>Regulated VOCs plus Lists 1&amp;3</b> |          |           |                  |                               |        |       |        |          |
|                                          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | 1,1,1,2-Tetrachloroethane     | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | 1,1,1-Trichloroethane         | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | 1,1,2,2-Tetrachloroethane     | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | 1,1,2-Trichloroethane         | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | 1,1-Dichloroethane            | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | 1,1-Dichloroethylene          | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | 1,1-Dichloropropene           | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | 1,2,3-Trichlorobenzene        | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | 1,2,3-Trichloropropane        | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | 1,2,4-Trichlorobenzene        | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | 1,2,4-Trimethylbenzene        | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | 1,2-Dichloroethane            | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | 1,2-Dichloropropane           | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | 1,3,5-Trimethylbenzene        | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | 1,3-Dichloropropane           | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | p-Dichlorobenzene (1,4-DCB)   | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | 2,2-Dichloropropane           | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | 2-Butanone (MEK)              | ND     | ug/l  | 5.0    | 1        |
|                                          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | o-Chlorotoluene               | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | p-Chlorotoluene               | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | 4-Methyl-2-Pentanone (MIBK)   | ND     | ug/l  | 5.0    | 1        |
|                                          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | Benzene                       | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | Bromobenzene                  | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | Bromomethane (Methyl Bromide) | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | cis-1,2-Dichloroethylene      | 0.6    | ug/l  | 0.50   | 1        |
|                                          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | Chlorobenzene                 | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | Carbon Tetrachloride          | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | cis-1,3-Dichloropropene       | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | Bromoform                     | ND     | ug/l  | 0.50   | 1        |

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**Laboratory  
 Report  
 #54483**

Foster Wheeler Environmental, Inc  
 (continued)

| Prepared | Analyzed | QC Batch# | Method            | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|-------------------|---------------------------------|--------|-------|------|----------|
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Chloroform (Trichloromethane)   | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Bromochloromethane              | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Chloroethane                    | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Chloromethane (Methyl Chloride) | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Chlorodibromomethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Dibromomethane                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Bromodichloromethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Dichloromethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Ethyl benzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/E524.2/624 ) | Dichlorodifluoromethane         | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Fluorotrichloromethane-Freon11  | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Hexachlorobutadiene             | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Isopropylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | m-Dichlorobenzene (1,3-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | m,p-Xylenes                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Naphthalene                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | n-Butylbenzene                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | n-Propylbenzene                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | o-Xylene                        | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | o-Dichlorobenzene (1,2-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Tetrachloroethylene (PCE)       | 3.2    | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | p-Isopropyltoluene              | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | sec-Butylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Styrene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | trans-1,2-Dichloroethylene      | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | tert-Butylbenzene               | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Trichloroethylene (TCE)         | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Trichlorotrifluoroethane (Freon | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | trans-1,3-Dichloropropene       | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Toluene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Vinyl chloride (VC)             | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )     | None detected                   | ND     |       |      | 1        |
|          |          |           | ( Surrogate )     | 1,2-Dichloroethane-d4           | 105    | % Rec |      |          |
|          |          |           | ( Surrogate )     | 4-Bromofluorobenzene            | 103    | % Rec |      |          |
|          |          |           | ( Surrogate )     | Toluene-d8                      | 99     | % Rec |      |          |

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**Laboratory****Report****#54483**Foster Wheeler Environmental, Inc  
(continued)

| Prepared                      | Analyzed | QC Batch# | Method              | Analyte                        | Result | Units   | MRL    | Dilution |
|-------------------------------|----------|-----------|---------------------|--------------------------------|--------|---------|--------|----------|
| MW-992-062 (990521157)        |          |           | Sampled on 05/21/99 |                                |        |         |        |          |
|                               | 05/28/99 | 97178     | ( ML/SM2320B )      | Alkalinity                     | 258    | mg/l    | 2.0    | 1        |
|                               | 06/07/99 |           | ( ML/SM1040 )       | Anion Sum                      | 10.7   | meq/l   | 0.0010 | 1        |
| 05/25/99                      | 05/27/99 | 96890     | ( S3113B/E200.9 )   | Arsenic, Total, GF             | ND     | mg/l    | 0.005  | 1        |
| 05/27/99                      | 05/27/99 | 96843     | ( ML/EPA 200.7 )    | Calcium, Total, ICAP           | 114    | mg/l    | 1.0    | 1        |
|                               | 05/28/99 |           | ( ML/SM1040 )       | Cation Sum                     | 10.6   | meq/l   | 0.0010 | 1        |
|                               | 05/21/99 | 96714     | ( ML/EPA 300 )      | Chloride                       | 97.4   | mg/l    | 2.0    | 2        |
|                               | 06/05/99 | 97167     | ( MOD/EPA 300 )     | Perchlorate                    | ND     | ug/l    | 4.0    | 1        |
|                               | 06/07/99 |           | ( ML/SM2320B )      | Carbonate as CO3, Calculated   | 0.514  | mg/l    | 0.0010 | 1        |
| 05/25/99                      | 05/26/99 | 96831     | ( EPA/ML 200.8 )    | Chromium, Total, ICAP/MS       | ND     | ug/l    | 10     | 1        |
|                               | 05/21/99 | 96588     | ( ML/SW 7196 )      | Hexavalent chromium (Cr VI)    | ND     | mg/l    | 0.005  | 1        |
|                               | 05/25/99 | 96685     | ( ML/S2510B )       | Specific Conductance           | 980    | umho/cm | 4.0    | 1        |
| 05/25/99                      | 05/26/99 | 96832     | ( EPA/ML 200.8 )    | Iron, Total, ICAP/MS           | 135    | ug/l    | 100    | 1        |
|                               | 06/07/99 |           | ( ML/SM2320B )      | Bicarbonate as HCO3,calculated | 315    | mg/l    | 0.0010 | 1        |
| 05/27/99                      | 05/27/99 | 96845     | ( ML/EPA 200.7 )    | Potassium, Total, ICAP         | 3.1    | mg/l    | 1.0    | 1        |
| 05/27/99                      | 05/27/99 | 96847     | ( ML/EPA 200.7 )    | Magnesium, Total, ICAP         | 37.6   | mg/l    | 0.10   | 1        |
| 05/27/99                      | 05/27/99 | 96849     | ( ML/EPA 200.7 )    | Sodium, Total, ICAP            | 40.7   | mg/l    | 1.0    | 1        |
|                               | 05/21/99 | 96716     | ( ML/EPA 300.0 )    | Nitrate-N by IC                | 10.2   | mg/l    | 0.20   | 2        |
| 05/25/99                      | 05/26/99 | 96833     | ( EPA/ML 200.8 )    | Lead, Total, ICAP/MS           | ND     | ug/l    | 2.0    | 1        |
|                               | 05/24/99 | 96679     | ( ML/SM 4500HB )    | Lab pH                         | 7.4    | Units   | 0.0010 | 1        |
|                               | 05/21/99 | 96718     | ( ML/EPA 300.0 )    | Sulfate                        | 97.5   | mg/l    | 4.0    | 2        |
|                               | 05/27/99 | 96986     | ( ML/SM2540C )      | Total Dissolved Solid (TDS)    | 600    | mg/l    | 10     | 1        |
| Regulated VOCs plus Lists 1&3 |          |           |                     |                                |        |         |        |          |
|                               | 05/24/99 | 96767     | ( ML/EPA 524.2 )    | 1,1,1,2-Tetrachloroethane      | ND     | ug/l    | 0.50   | 1        |
|                               | 05/24/99 | 96767     | ( ML/EPA 524.2 )    | 1,1,1-Trichloroethane          | ND     | ug/l    | 0.50   | 1        |
|                               | 05/24/99 | 96767     | ( ML/EPA 524.2 )    | 1,1,2,2-Tetrachloroethane      | ND     | ug/l    | 0.50   | 1        |
|                               | 05/24/99 | 96767     | ( ML/EPA 524.2 )    | 1,1,2-Trichloroethane          | ND     | ug/l    | 0.50   | 1        |
|                               | 05/24/99 | 96767     | ( ML/EPA 524.2 )    | 1,1-Dichloroethane             | ND     | ug/l    | 0.50   | 1        |
|                               | 05/24/99 | 96767     | ( ML/EPA 524.2 )    | 1,1-Dichloroethylene           | ND     | ug/l    | 0.50   | 1        |
|                               | 05/24/99 | 96767     | ( ML/EPA 524.2 )    | 1,1-Dichloropropene            | ND     | ug/l    | 0.50   | 1        |
|                               | 05/24/99 | 96767     | ( ML/EPA 524.2 )    | 1,2,3-Trichlorobenzene         | ND     | ug/l    | 0.50   | 1        |
|                               | 05/24/99 | 96767     | ( ML/EPA 524.2 )    | 1,2,3-Trichloropropane         | ND     | ug/l    | 0.50   | 1        |
|                               | 05/24/99 | 96767     | ( ML/EPA 524.2 )    | 1,2,4-Trichlorobenzene         | ND     | ug/l    | 0.50   | 1        |
|                               | 05/24/99 | 96767     | ( ML/EPA 524.2 )    | 1,2,4-Trimethylbenzene         | ND     | ug/l    | 0.50   | 1        |

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**Laboratory****Report****#54483**Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method            | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|-------------------|---------------------------------|--------|-------|------|----------|
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | 1,2-Dichloroethane              | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | 1,2-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | 1,3,5-Trimethylbenzene          | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | 1,3-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | p-Dichlorobenzene (1,4-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | 2,2-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | 2-Butanone (MEK)                | ND     | ug/l  | 5.0  | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | o-Chlorotoluene                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | p-Chlorotoluene                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | 4-Methyl-2-Pentanone (MIBK)     | ND     | ug/l  | 5.0  | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Benzene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Bromobenzene                    | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Bromomethane (Methyl Bromide)   | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | cis-1,2-Dichloroethylene        | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Chlorobenzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Carbon Tetrachloride            | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | cis-1,3-Dichloropropene         | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Bromoform                       | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Chloroform (Trichloromethane)   | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Bromochloromethane              | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Chloroethane                    | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Chloromethane (Methyl Chloride) | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Chlorodibromomethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Dibromomethane                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Bromodichloromethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Dichloromethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Ethyl benzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/E524.2/624 ) | Dichlorodifluoromethane         | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Fluorotrichloromethane-Freon11  | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Hexachlorobutadiene             | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Isopropylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | m-Dichlorobenzene (1,3-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | m,p-Xylenes                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Naphthalene                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | n-Butylbenzene                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | n-Propylbenzene                 | ND     | ug/l  | 0.50 | 1        |

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**Laboratory  
Report  
#54483**Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method           | Analyte                          | Result | Units | MRL  | Dilution |
|----------|----------|-----------|------------------|----------------------------------|--------|-------|------|----------|
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | o-Xylene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | o-Dichlorobenzene (1,2-DCB)      | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | Tetrachloroethylene (PCE)        | 1.4    | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | p-Isopropyltoluene               | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | sec-Butylbenzene                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | Styrene                          | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | trans-1,2-Dichloroethylene       | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | tert-Butylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | Trichloroethylene (TCE)          | 0.6    | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | Trichlorotrifluoroethane (Freon) | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | trans-1,3-Dichloropropene        | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | Toluene                          | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | Vinyl chloride (VC)              | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )    | None detected                    | ND     |       |      | 1        |
|          |          |           | ( Surrogate )    | 1,2-Dichloroethane-d4            | 101    | % Rec |      |          |
|          |          |           | ( Surrogate )    | 4-Bromofluorobenzene             | 103    | % Rec |      |          |
|          |          |           | ( Surrogate )    | Toluene-d8                       | 103    | % Rec |      |          |

**MW-992-061 (990521158)****Sampled on 05/21/99**

|          |          |       |                   |                                 |       |         |        |   |
|----------|----------|-------|-------------------|---------------------------------|-------|---------|--------|---|
|          | 05/28/99 | 97178 | ( ML/SM2320B )    | Alkalinity                      | 268   | mg/l    | 2.0    | 1 |
|          | 06/07/99 |       | ( ML/SM1040 )     | Anion Sum                       | 12.8  | meq/l   | 0.0010 | 1 |
| 05/25/99 | 05/27/99 | 96890 | ( S3113B/E200.9 ) | Arsenic, Total, GF              | ND    | mg/l    | 0.005  | 1 |
| 05/27/99 | 05/27/99 | 96843 | ( ML/EPA 200.7 )  | Calcium, Total, ICAP            | 128   | mg/l    | 1.0    | 1 |
|          | 05/28/99 |       | ( ML/SM1040 )     | Cation Sum                      | 12.6  | meq/l   | 0.0010 | 1 |
|          | 05/21/99 | 96714 | ( ML/EPA 300 )    | Chloride                        | 139   | mg/l    | 2.0    | 2 |
|          | 06/05/99 | 97167 | ( MOD/EPA 300 )   | Perchlorate                     | ND    | ug/l    | 4.0    | 1 |
|          | 06/07/99 |       | ( ML/SM2320B )    | Carbonate as CO3, Calculated    | 0.672 | mg/l    | 0.0010 | 1 |
| 05/25/99 | 05/26/99 | 96831 | ( EPA/ML 200.8 )  | Chromium, Total, ICAP/MS        | ND    | ug/l    | 10     | 1 |
|          | 05/21/99 | 96588 | ( ML/SW 7196 )    | Hexavalent chromium (Cr VI)     | ND    | mg/l    | 0.005  | 1 |
|          | 05/25/99 | 96685 | ( ML/S2510B )     | Specific Conductance            | 1150  | umho/cm | 4.0    | 1 |
| 05/25/99 | 05/26/99 | 96832 | ( EPA/ML 200.8 )  | Iron, Total, ICAP/MS            | ND    | ug/l    | 100    | 1 |
|          | 06/07/99 |       | ( ML/SM2320B )    | Bicarbonate as HCO3, calculated | 327   | mg/l    | 0.0010 | 1 |
| 05/27/99 | 05/27/99 | 96845 | ( ML/EPA 200.7 )  | Potassium, Total, ICAP          | 3.0   | mg/l    | 1.0    | 1 |
| 05/27/99 | 05/27/99 | 96847 | ( ML/EPA 200.7 )  | Magnesium, Total, ICAP          | 46.2  | mg/l    | 0.10   | 1 |
| 05/27/99 | 05/27/99 | 96849 | ( ML/EPA 200.7 )  | Sodium, Total, ICAP             | 54.4  | mg/l    | 1.0    | 1 |
|          | 05/21/99 | 96716 | ( ML/EPA 300.0 )  | Nitrate-N by IC                 | 5.72  | mg/l    | 0.20   | 2 |

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**Laboratory****Report****#54483**Foster Wheeler Environmental, Inc  
(continued)

| Prepared                                 | Analyzed | QC Batch# | Method           | Analyte                       | Result | Units | MRL    | Dilution |
|------------------------------------------|----------|-----------|------------------|-------------------------------|--------|-------|--------|----------|
| 05/25/99                                 | 05/26/99 | 96833     | ( EPA/ML 200.8 ) | Lead, Total, ICAP/MS          | ND     | ug/l  | 2.0    | 1        |
|                                          | 05/24/99 | 96679     | ( ML/SM 4500HB ) | Lab pH                        | 7.5    | Units | 0.0010 | 1        |
|                                          | 05/21/99 | 96718     | ( ML/EPA 300.0 ) | Sulfate                       | 150    | mg/l  | 4.0    | 2        |
|                                          | 05/27/99 | 96986     | ( ML/SM2540C )   | Total Dissolved Solid (TDS)   | 690    | mg/l  | 10     | 1        |
| <b>Regulated VOCs plus Lists 1&amp;3</b> |          |           |                  |                               |        |       |        |          |
|                                          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | 1,1,1,2-Tetrachloroethane     | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | 1,1,1-Trichloroethane         | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | 1,1,2,2-Tetrachloroethane     | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | 1,1,2-Trichloroethane         | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | 1,1-Dichloroethane            | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | 1,1-Dichloroethylene          | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | 1,1-Dichloropropene           | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | 1,2,3-Trichlorobenzene        | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | 1,2,3-Trichloropropane        | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | 1,2,4-Trichlorobenzene        | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | 1,2,4-Trimethylbenzene        | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | 1,2-Dichloroethane            | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | 1,2-Dichloropropane           | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | 1,3,5-Trimethylbenzene        | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | 1,3-Dichloropropane           | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | p-Dichlorobenzene (1,4-DCB)   | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | 2,2-Dichloropropane           | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | 2-Butanone (MEK)              | ND     | ug/l  | 5.0    | 1        |
|                                          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | o-Chlorotoluene               | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | p-Chlorotoluene               | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | 4-Methyl-2-Pentanone (MIBK)   | ND     | ug/l  | 5.0    | 1        |
|                                          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | Benzene                       | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | Bromobenzene                  | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | Bromomethane (Methyl Bromide) | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | cis-1,2-Dichloroethylene      | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | Chlorobenzene                 | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | Carbon Tetrachloride          | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | cis-1,3-Dichloropropene       | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | Bromoform                     | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | Chloroform (Trichloromethane) | ND     | ug/l  | 0.50   | 1        |



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**Laboratory****Report****#54483**Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method            | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|-------------------|---------------------------------|--------|-------|------|----------|
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Bromochloromethane              | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Chloroethane                    | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Chloromethane (Methyl Chloride) | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Chlorodibromomethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Dibromomethane                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Bromodichloromethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Dichloromethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Ethyl benzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/E524.2/624 ) | Dichlorodifluoromethane         | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Fluorotrichloromethane-Freon11  | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Hexachlorobutadiene             | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Isopropylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | m-Dichlorobenzene (1,3-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | m,p-Xylenes                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Naphthalene                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | n-Butylbenzene                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | n-Propylbenzene                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | o-Xylene                        | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | o-Dichlorobenzene (1,2-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Tetrachloroethylene (PCE)       | 0.6    | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | p-Isopropyltoluene              | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | sec-Butylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Styrene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | trans-1,2-Dichloroethylene      | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | tert-Butylbenzene               | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Trichloroethylene (TCE)         | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Trichlorotrifluoroethane (Freon | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | trans-1,3-Dichloropropene       | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Toluene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Vinyl chloride (VC)             | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )     | None detected                   | ND     |       |      | 1        |
|          |          |           | ( Surrogate       | 1,2-Dichloroethane-d4           | 111    | % Rec |      |          |
|          |          |           | ( Surrogate       | 4-Bromofluorobenzene            | 94     | % Rec |      |          |
|          |          |           | ( Surrogate       | Toluene-d8                      | 98     | % Rec |      |          |

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**Laboratory****Report****#54483**

Foster Wheeler Environmental, Inc

(continued)

| Prepared                                               | Analyzed | QC Batch# | Method            | Analyte                                     | Result | Units   | MRL    | Dilution |
|--------------------------------------------------------|----------|-----------|-------------------|---------------------------------------------|--------|---------|--------|----------|
| <b>MW-992-060 (990521159)      Sampled on 05/21/99</b> |          |           |                   |                                             |        |         |        |          |
|                                                        | 05/28/99 | 97178     | ( ML/SM2320B )    | Alkalinity                                  | 172    | mg/l    | 2.0    | 1        |
|                                                        | 06/07/99 |           | ( ML/SM1040 )     | Anion Sum                                   | 9.14   | meq/l   | 0.0010 | 1        |
| 05/25/99                                               | 05/27/99 | 96890     | ( S3113B/E200.9 ) | Arsenic, Total, GF                          | ND     | mg/l    | 0.005  | 1        |
| 05/27/99                                               | 05/27/99 | 96843     | ( ML/EPA 200.7 )  | Calcium, Total, ICAP                        | 94.9   | mg/l    | 1.0    | 1        |
|                                                        | 05/28/99 |           | ( ML/SM1040 )     | Cation Sum                                  | 8.75   | meq/l   | 0.0010 | 1        |
|                                                        | 05/21/99 | 96714     | ( ML/EPA 300 )    | Chloride                                    | 79.5   | mg/l    | 2.0    | 2        |
|                                                        | 06/05/99 | 97167     | ( MOD/EPA 300 )   | Perchlorate                                 | 15     | ug/l    | 4.0    | 1        |
|                                                        | 06/07/99 |           | ( ML/SM2320B )    | Carbonate as CO <sub>3</sub> , Calculated   | 0.108  | mg/l    | 0.0010 | 1        |
| 05/25/99                                               | 05/26/99 | 96831     | ( EPA/ML 200.8 )  | Chromium, Total, ICAP/MS                    | ND     | ug/l    | 10     | 1        |
|                                                        | 05/21/99 | 96588     | ( ML/SW 7196 )    | Hexavalent chromium (Cr VI)                 | ND     | mg/l    | 0.005  | 1        |
|                                                        | 05/25/99 | 96685     | ( ML/S2510B )     | Specific Conductance                        | 855    | umho/cm | 4.0    | 1        |
| 05/25/99                                               | 05/26/99 | 96832     | ( EPA/ML 200.8 )  | Iron, Total, ICAP/MS                        | ND     | ug/l    | 100    | 1        |
|                                                        | 06/07/99 |           | ( ML/SM2320B )    | Bicarbonate as HCO <sub>3</sub> ,calculated | 210    | mg/l    | 0.0010 | 1        |
| 05/27/99                                               | 05/27/99 | 96845     | ( ML/EPA 200.7 )  | Potassium, Total, ICAP                      | 2.1    | mg/l    | 1.0    | 1        |
| 05/27/99                                               | 05/27/99 | 96847     | ( ML/EPA 200.7 )  | Magnesium, Total, ICAP                      | 32.2   | mg/l    | 0.10   | 1        |
| 05/27/99                                               | 05/27/99 | 96849     | ( ML/EPA 200.7 )  | Sodium, Total, ICAP                         | 29.9   | mg/l    | 1.0    | 1        |
|                                                        | 05/21/99 | 96716     | ( ML/EPA 300.0 )  | Nitrate-N by IC                             | 15.7   | mg/l    | 0.20   | 2        |
| 05/25/99                                               | 05/26/99 | 96833     | ( EPA/ML 200.8 )  | Lead, Total, ICAP/MS                        | ND     | ug/l    | 2.0    | 1        |
|                                                        | 05/24/99 | 96679     | ( ML/SM 4500HB)   | Lab pH                                      | 6.9    | Units   | 0.0010 | 1        |
|                                                        | 05/21/99 | 96718     | ( ML/EPA 300.0 )  | Sulfate                                     | 112    | mg/l    | 4.0    | 2        |
|                                                        | 05/27/99 | 96986     | ( ML/SM2540C )    | Total Dissolved Solid (TDS)                 | 520    | mg/l    | 10     | 1        |

**Regulated VOCs plus Lists 1&3**

|          |       |                  |                           |    |      |      |   |
|----------|-------|------------------|---------------------------|----|------|------|---|
| 05/24/99 | 96767 | ( ML/EPA 524.2 ) | 1,1,1,2-Tetrachloroethane | ND | ug/l | 0.50 | 1 |
| 05/24/99 | 96767 | ( ML/EPA 524.2 ) | 1,1,1-Trichloroethane     | ND | ug/l | 0.50 | 1 |
| 05/24/99 | 96767 | ( ML/EPA 524.2 ) | 1,1,2,2-Tetrachloroethane | ND | ug/l | 0.50 | 1 |
| 05/24/99 | 96767 | ( ML/EPA 524.2 ) | 1,1,2-Trichloroethane     | ND | ug/l | 0.50 | 1 |
| 05/24/99 | 96767 | ( ML/EPA 524.2 ) | 1,1-Dichloroethane        | ND | ug/l | 0.50 | 1 |
| 05/24/99 | 96767 | ( ML/EPA 524.2 ) | 1,1-Dichloroethylene      | ND | ug/l | 0.50 | 1 |
| 05/24/99 | 96767 | ( ML/EPA 524.2 ) | 1,1-Dichloropropene       | ND | ug/l | 0.50 | 1 |
| 05/24/99 | 96767 | ( ML/EPA 524.2 ) | 1,2,3-Trichlorobenzene    | ND | ug/l | 0.50 | 1 |
| 05/24/99 | 96767 | ( ML/EPA 524.2 ) | 1,2,3-Trichloropropane    | ND | ug/l | 0.50 | 1 |
| 05/24/99 | 96767 | ( ML/EPA 524.2 ) | 1,2,4-Trichlorobenzene    | ND | ug/l | 0.50 | 1 |
| 05/24/99 | 96767 | ( ML/EPA 524.2 ) | 1,2,4-Trimethylbenzene    | ND | ug/l | 0.50 | 1 |



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**Laboratory  
Report  
#54483**

Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method            | Analyte                        | Result | Units | MRL  | Dilution |
|----------|----------|-----------|-------------------|--------------------------------|--------|-------|------|----------|
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | 1,2-Dichloroethane             | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | 1,2-Dichloropropane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | 1,3,5-Trimethylbenzene         | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | 1,3-Dichloropropane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | p-Dichlorobenzene (1,4-DCB)    | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | 2,2-Dichloropropane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | 2-Butanone (MEK)               | ND     | ug/l  | 5.0  | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | o-Chlorotoluene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | p-Chlorotoluene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | 4-Methyl-2-Pentanone (MIBK)    | ND     | ug/l  | 5.0  | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Benzene                        | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Bromobenzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Bromomethane (Methyl Bromide)  | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | cis-1,2-Dichloroethylene       | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Chlorobenzene                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Carbon Tetrachloride           | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | cis-1,3-Dichloropropene        | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Bromoform                      | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Chloroform (Trichloromethane)  | 1.6    | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Bromochloromethane             | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Chloroethane                   | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Chloromethane(Methyl Chloride) | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Chlorodibromomethane           | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Dibromomethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Bromodichloromethane           | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Dichloromethane                | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Ethyl benzene                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/E524.2/624 ) | Dichlorodifluoromethane        | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Fluorotrichloromethane-Freon11 | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Hexachlorobutadiene            | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Isopropylbenzene               | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | m-Dichlorobenzene (1,3-DCB)    | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | m,p-Xylenes                    | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | Naphthalene                    | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | n-Butylbenzene                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 )  | n-Propylbenzene                | ND     | ug/l  | 0.50 | 1        |

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**Laboratory****Report****#54483**Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method           | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|------------------|---------------------------------|--------|-------|------|----------|
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | o-Xylene                        | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | o-Dichlorobenzene (1,2-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | Tetrachloroethylene (PCE)       | 0.5    | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | p-Isopropyltoluene              | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | sec-Butylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | Styrene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | trans-1,2-Dichloroethylene      | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | tert-Butylbenzene               | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | Trichloroethylene (TCE)         | 20     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | Trichlorotrifluoroethane (Freon | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | trans-1,3-Dichloropropene       | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | Toluene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/24/99 | 96767     | ( ML/EPA 524.2 ) | Vinyl chloride (VC)             | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )    | None detected                   | ND     |       |      | 1        |
|          |          |           | ( Surrogate )    | 1,2-Dichloroethane-d4           | 102    | % Rec |      |          |
|          |          |           | ( Surrogate )    | 4-Bromofluorobenzene            | 98     | % Rec |      |          |
|          |          |           | ( Surrogate )    | Toluene-d8                      | 96     | % Rec |      |          |

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Laboratory  
 QC Report  
 #54483

Foster Wheeler Environmental, Inc

**QC Batch #96588****Hexavalent chromium (Cr VI)**

| QC   | Analyte                     | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|-----------------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample               | Lab # 99 | 0521157   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Hexavalent chromium (Cr VI) | 0.050    | 0.050     | 100.0     | ( 78.00 - 118.00 ) |         |
| LCS2 | Hexavalent chromium (Cr VI) | 0.050    | 0.049     | 98.0      | ( 78.00 - 118.00 ) | 2.0     |
| MBLK | Hexavalent chromium (Cr VI) | ND       |           |           |                    |         |
| MS   | Hexavalent chromium (Cr VI) | 0.050    | 0.049     | 98.0      | ( 80.00 - 120.00 ) |         |
| MSD  | Hexavalent chromium (Cr VI) | 0.050    | 0.049     | 98.0      | ( 80.00 - 120.00 ) | 0.00    |

**QC Batch #96679****Lab pH**

| QC  | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)      | RPD (%) |
|-----|---------------|----------|-----------|-----------|-----------------|---------|
| DUP | Spiked sample | lab # 99 | 0521159   |           | ( 0.00 - 0.00 ) |         |

**QC Batch #96684****Specific Conductance**

| QC  | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)      | RPD (%) |
|-----|---------------|----------|-----------|-----------|-----------------|---------|
| DUP | Spiked sample | Lab # 99 | 0521155   |           | ( 0.00 - 0.00 ) |         |

**QC Batch #96685****Specific Conductance**

| QC  | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)      | RPD (%) |
|-----|---------------|----------|-----------|-----------|-----------------|---------|
| DUP | Spiked sample | Lab # 99 | 0521267   |           | ( 0.00 - 0.00 ) |         |

**QC Batch #96714****Chloride**

| QC   | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|---------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample | Lab # 99 | 0521155   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Chloride      | 25       | 25.8      | 103.2     | ( 90.00 - 110.00 ) |         |
| LCS2 | Chloride      | 25       | 25.9      | 103.6     | ( 90.00 - 110.00 ) | 0.39    |
| MBLK | Chloride      | ND       |           |           |                    |         |
| MS   | Chloride      | 25       | 26.7      | 106.8     | ( 80.00 - 120.00 ) |         |
| MSD  | Chloride      | 25       | 26.8      | 107.2     | ( 80.00 - 120.00 ) | 0.37    |

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.  
 Criteria for MS and DUP are advisory only and not applicable for ICR monitoring.

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Laboratory

QC Report

#54483

Foster Wheeler Environmental, Inc  
(continued)

## QC Batch #96716

## Nitrate-N by IC

| QC   | Analyte         | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|-----------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample   | Lab # 99 | 0520157   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Nitrate-N by IC | 2.5      | 2.68      | 107.2     | ( 90.00 - 110.00 ) |         |
| LCS2 | Nitrate-N by IC | 2.5      | 2.61      | 104.4     | ( 90.00 - 110.00 ) | 2.6     |
| MBLK | Nitrate-N by IC | ND       |           |           |                    |         |
| MS   | Nitrate-N by IC | 2.5      | 2.69      | 107.6     | ( 80.00 - 120.00 ) |         |
| MSD  | Nitrate-N by IC | 2.5      | 2.70      | 108.0     | ( 80.00 - 120.00 ) | 0.37    |

## QC Batch #96718

## Sulfate

| QC   | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|---------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample | Lab # 99 | 0521155   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Sulfate       | 50       | 52.3      | 104.6     | ( 90.00 - 110.00 ) |         |
| LCS2 | Sulfate       | 50       | 52.5      | 105.0     | ( 90.00 - 110.00 ) | 0.38    |
| MBLK | Sulfate       | ND       |           |           |                    |         |
| MS   | Sulfate       | 50       | 56.9      | 113.8     | ( 80.00 - 120.00 ) |         |
| MSD  | Sulfate       | 50       | 56.9      | 113.8     | ( 80.00 - 120.00 ) | 0.00    |

## QC Batch #96767

## Regulated VOCs plus Lists 1&amp;3

| QC   | Analyte                   | Spiked | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|---------------------------|--------|-----------|-----------|--------------------|---------|
| MBLK | 1,1,1,2-Tetrachloroethane | ND     |           |           |                    |         |
| LCS1 | 1,1,1-Trichloroethane     | 4      | 3.63      | 90.8      | ( 70.00 - 130.00 ) |         |
| MBLK | 1,1,1-Trichloroethane     | ND     |           |           |                    |         |
| LCS1 | 1,1,2,2-Tetrachloroethane | 4      | 3.69      | 92.2      | ( 70.00 - 130.00 ) |         |
| MBLK | 1,1,2,2-Tetrachloroethane | ND     |           |           |                    |         |
| LCS1 | 1,1,2-Trichloroethane     | 4      | 3.92      | 98.0      | ( 70.00 - 130.00 ) |         |
| MBLK | 1,1,2-Trichloroethane     | ND     |           |           |                    |         |
| LCS1 | 1,1-Dichloroethane        | 4      | 3.65      | 91.2      | ( 70.00 - 130.00 ) |         |
| MBLK | 1,1-Dichloroethane        | ND     |           |           |                    |         |
| LCS1 | 1,1-Dichloroethylene      | 4      | 3.35      | 83.8      | ( 70.00 - 130.00 ) |         |

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**Laboratory****QC Report****#54483****Foster Wheeler Environmental, Inc**  
**(continued)**

|      |                               |          |         |       |                    |      |
|------|-------------------------------|----------|---------|-------|--------------------|------|
| MBLK | 1,1-Dichloroethylene          | ND       |         |       |                    |      |
| MS   | 1,1-Dichloroethylene          | 4        | 4.30    | 107.5 | ( 70.00 - 130.00 ) |      |
| MSD  | 1,1-Dichloroethylene          | 4        | 4.31    | 107.7 | ( 70.00 - 130.00 ) | 0.23 |
| MBLK | 1,1-Dichloropropene           | ND       |         |       |                    |      |
| MBLK | 1,2,3-Trichlorobenzene        | ND       |         |       |                    |      |
| MBLK | 1,2,3-Trichloropropane        | ND       |         |       |                    |      |
| LCS1 | 1,2,4-Trichlorobenzene        | 4        | 3.98    | 99.5  | ( 70.00 - 130.00 ) |      |
| MBLK | 1,2,4-Trichlorobenzene        | ND       |         |       |                    |      |
| MBLK | 1,2,4-Trimethylbenzene        | ND       |         |       |                    |      |
| LCS1 | 1,2-Dichloroethane            | 4        | 3.63    | 90.8  | ( 70.00 - 130.00 ) |      |
| MBLK | 1,2-Dichloroethane            | ND       |         |       |                    |      |
| LCS1 | 1,2-Dichloropropane           | 4        | 3.95    | 98.8  | ( 70.00 - 130.00 ) |      |
| MBLK | 1,2-Dichloropropane           | ND       |         |       |                    |      |
| MBLK | 1,3,5-Trimethylbenzene        | ND       |         |       |                    |      |
| LCS1 | 1,3-Dichloropropane           | 8        | 7.45    | 93.1  | ( 70.00 - 130.00 ) |      |
| MBLK | 1,3-Dichloropropane           | ND       |         |       |                    |      |
| LCS1 | p-Dichlorobenzene (1,4-DCB)   | 4        | 3.72    | 93.0  | ( 70.00 - 130.00 ) |      |
| MBLK | p-Dichlorobenzene (1,4-DCB)   | ND       |         |       |                    |      |
| MBLK | 2,2-Dichloropropane           | ND       |         |       |                    |      |
| MBLK | 2-Butanone (MEK)              | ND       |         |       |                    |      |
| MBLK | 2-Chloroethylvinylether       | ND       |         |       |                    |      |
| MBLK | o-Chlorotoluene               | ND       |         |       |                    |      |
| MBLK | p-Chlorotoluene               | ND       |         |       |                    |      |
| MBLK | 4-Methyl-2-Pentanone (MIBK)   | ND       |         |       |                    |      |
| MS   | Spiked sample                 | Lab # 99 | 0518167 |       | ( 0.00 - 0.00 )    |      |
| LCS1 | Benzene                       | 4        | 3.73    | 93.2  | ( 70.00 - 130.00 ) |      |
| MBLK | Benzene                       | ND       |         |       |                    |      |
| MS   | Benzene                       | 4        | 4.30    | 107.5 | ( 70.00 - 130.00 ) |      |
| MSD  | Benzene                       | 4        | 4.13    | 103.2 | ( 70.00 - 130.00 ) | 4.0  |
| MBLK | Bromobenzene                  | ND       |         |       |                    |      |
| MBLK | Bromomethane (Methyl Bromide) | ND       |         |       |                    |      |
| LCS1 | cis-1,2-Dichloroethylene      | 4        | 3.93    | 98.2  | ( 70.00 - 130.00 ) |      |
| MBLK | cis-1,2-Dichloroethylene      | ND       |         |       |                    |      |
| LCS1 | Chlorobenzene                 | 4        | 3.94    | 98.5  | ( 70.00 - 130.00 ) |      |
| MBLK | Chlorobenzene                 | ND       |         |       |                    |      |
| MS   | Chlorobenzene                 | 4        | 4.28    | 107.0 | ( 70.00 - 130.00 ) |      |
| MSD  | Chlorobenzene                 | 4        | 3.84    | 96.0  | ( 70.00 - 130.00 ) | 11   |

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.

Criteria for MS and DUP are advisory only and not applicable for ICR monitoring.

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Laboratory  
QC Report  
#54483

Foster Wheeler Environmental, Inc  
(continued)

|      |                                 |    |      |       |                    |
|------|---------------------------------|----|------|-------|--------------------|
| LCS1 | Carbon Tetrachloride            | 4  | 3.53 | 88.2  | ( 70.00 - 130.00 ) |
| MBLK | Carbon Tetrachloride            | ND |      |       |                    |
| MBLK | cis-1,3-Dichloropropene         | ND |      |       |                    |
| LCS1 | Bromoform                       | 4  | 3.39 | 84.8  | ( 70.00 - 130.00 ) |
| MBLK | Bromoform                       | ND |      |       |                    |
| LCS1 | Chloroform (Trichloromethane)   | 4  | 3.55 | 88.8  | ( 70.00 - 130.00 ) |
| MBLK | Chloroform (Trichloromethane)   | ND |      |       |                    |
| MBLK | Bromochloromethane              | ND |      |       |                    |
| MBLK | Chloroethane                    | ND |      |       |                    |
| MBLK | Chloromethane (Methyl Chloride) | ND |      |       |                    |
| LCS1 | Chlorodibromomethane            | 4  | 3.44 | 86.0  | ( 70.00 - 130.00 ) |
| MBLK | Chlorodibromomethane            | ND |      |       |                    |
| MBLK | Dibromomethane                  | ND |      |       |                    |
| LCS1 | Bromodichloromethane            | 4  | 3.62 | 90.5  | ( 70.00 - 130.00 ) |
| MBLK | Bromodichloromethane            | ND |      |       |                    |
| LCS1 | Dichloromethane                 | 4  | 3.40 | 85.0  | ( 70.00 - 130.00 ) |
| MBLK | Dichloromethane                 | ND |      |       |                    |
| LCS1 | Ethyl benzene                   | 4  | 3.78 | 94.5  | ( 70.00 - 130.00 ) |
| MBLK | Ethyl benzene                   | ND |      |       |                    |
| MBLK | Dichlorodifluoromethane         | ND |      |       |                    |
| LCS1 | Fluorotrichloromethane-Freon11  | 2  | 1.97 | 98.5  | ( 70.00 - 130.00 ) |
| MBLK | Fluorotrichloromethane-Freon11  | ND |      |       |                    |
| MBLK | Hexachlorobutadiene             | ND |      |       |                    |
| MBLK | Isopropylbenzene                | ND |      |       |                    |
| MBLK | m-Dichlorobenzene (1,3-DCB)     | ND |      |       |                    |
| LCS1 | m,p-Xylenes                     | 8  | 7.79 | 97.4  | ( 70.00 - 130.00 ) |
| MBLK | m,p-Xylenes                     | ND |      |       |                    |
| MBLK | Naphthalene                     | ND |      |       |                    |
| MBLK | n-Butylbenzene                  | ND |      |       |                    |
| MBLK | n-Propylbenzene                 | ND |      |       |                    |
| LCS1 | o-Xylene                        | 4  | 4.06 | 101.5 | ( 70.00 - 130.00 ) |
| MBLK | o-Xylene                        | ND |      |       |                    |
| LCS1 | o-Dichlorobenzene (1,2-DCB)     | 4  | 3.81 | 95.2  | ( 70.00 - 130.00 ) |
| MBLK | o-Dichlorobenzene (1,2-DCB)     | ND |      |       |                    |
| LCS1 | Tetrachloroethylene (PCE)       | 4  | 3.82 | 95.5  | ( 70.00 - 130.00 ) |
| MBLK | Tetrachloroethylene (PCE)       | ND |      |       |                    |
| MBLK | p-Isopropyltoluene              | ND |      |       |                    |

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QC Report

#54483

Foster Wheeler Environmental, Inc  
(continued)

|      |                                 |     |      |       |                    |     |
|------|---------------------------------|-----|------|-------|--------------------|-----|
| MBLK | sec-Butylbenzene                | ND  |      |       |                    |     |
| LCS1 | Styrene                         | 4   | 4.08 | 102.0 | ( 70.00 - 130.00 ) |     |
| MBLK | Styrene                         | ND  |      |       |                    |     |
| LCS1 | 1,2-dichloroethane-d4           | 100 | 99.4 | 99.4  | ( 80.00 - 120.00 ) |     |
| MBLK | 1,2-dichloroethane-d4           | 100 | 103  | 103.0 |                    |     |
| MS   | 1,2-dichloroethane-d4           | 100 | 110  | 110.0 | ( 80.00 - 120.00 ) |     |
| MSD  | 1,2-dichloroethane-d4           | 100 | 104  | 104.0 | ( 80.00 - 120.00 ) | 5.6 |
| LCS1 | Toluene-d8                      | 100 | 97.0 | 97.0  | ( 80.00 - 120.00 ) |     |
| MBLK | Toluene-d8                      | 100 | 99.3 | 99.3  |                    |     |
| MS   | Toluene-d8                      | 100 | 103  | 103.0 | ( 80.00 - 120.00 ) |     |
| MSD  | Toluene-d8                      | 100 | 101  | 101.0 | ( 80.00 - 120.00 ) | 2.0 |
| LCS1 | 4-Bromofluorobenzene            | 100 | 95.7 | 95.7  | ( 80.00 - 120.00 ) |     |
| MBLK | 4-Bromofluorobenzene            | 100 | 102  | 102.0 |                    |     |
| MS   | 4-Bromofluorobenzene            | 100 | 106  | 106.0 | ( 80.00 - 120.00 ) |     |
| MSD  | 4-Bromofluorobenzene            | 100 | 97.2 | 97.2  | ( 80.00 - 120.00 ) | 8.7 |
| LCS1 | trans-1,2-Dichloroethylene      | 4   | 3.30 | 82.5  | ( 70.00 - 130.00 ) |     |
| MBLK | trans-1,2-Dichloroethylene      | ND  |      |       |                    |     |
| MBLK | tert-Butylbenzene               | ND  |      |       |                    |     |
| LCS1 | Trichloroethylene (TCE)         | 4   | 3.70 | 92.5  | ( 70.00 - 130.00 ) |     |
| MBLK | Trichloroethylene (TCE)         | ND  |      |       |                    |     |
| MS   | Trichloroethylene (TCE)         | 4   | 4.28 | 107.0 | ( 70.00 - 130.00 ) |     |
| MSD  | Trichloroethylene (TCE)         | 4   | 4.22 | 105.5 | ( 70.00 - 130.00 ) | 1.4 |
| LCS1 | Trichlorotrifluoroethane (Freon | 2   | 2.00 | 100.0 | ( 70.00 - 130.00 ) |     |
| MBLK | Trichlorotrifluoroethane (Freon | ND  |      |       |                    |     |
| MBLK | trans-1,3-Dichloropropene       | ND  |      |       |                    |     |
| LCS1 | Toluene                         | 4   | 3.79 | 94.8  | ( 70.00 - 130.00 ) |     |
| MBLK | Toluene                         | ND  |      |       |                    |     |
| MS   | Toluene                         | 4   | 4.14 | 103.5 | ( 70.00 - 130.00 ) |     |
| MSD  | Toluene                         | 4   | 3.96 | 99.0  | ( 70.00 - 130.00 ) | 4.4 |
| LCS1 | Vinyl chloride (VC)             | 2   | 2.12 | 106.0 | ( 70.00 - 130.00 ) |     |
| MBLK | Vinyl chloride (VC)             | ND  |      |       |                    |     |

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QC Report  
#54483

Foster Wheeler Environmental, Inc  
(continued)

**QC Batch #96831****Chromium, Total, ICAP/MS**

| QC   | Analyte                  | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|--------------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample            | Lab # 99 | 0519080   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Chromium, Total, ICAP/MS | 100      | 98        | 98.0      | ( 85.00 - 115.00 ) |         |
| LCS2 | Chromium, Total, ICAP/MS | 100      | 97        | 97.0      | ( 85.00 - 115.00 ) | 1.0     |
| MBLK | Chromium, Total, ICAP/MS | ND       |           |           |                    |         |
| MS   | Chromium, Total, ICAP/MS | 100      | 99        | 99.0      | ( 70.00 - 130.00 ) |         |
| MSD  | Chromium, Total, ICAP/MS | 100      | 101       | 101.0     | ( 70.00 - 130.00 ) | 2.0     |

**QC Batch #96832****Iron, Total, ICAP/MS**

| QC   | Analyte              | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|----------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample        | Lab # 99 | 0519080   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Iron, Total, ICAP/MS | 500      | 520       | 104.0     | ( 85.00 - 115.00 ) |         |
| LCS2 | Iron, Total, ICAP/MS | 500      | 540       | 108.0     | ( 85.00 - 115.00 ) | 3.8     |
| MBLK | Iron, Total, ICAP/MS | ND       |           |           |                    |         |
| MS   | Iron, Total, ICAP/MS | 500      | 500       | 100.0     | ( 70.00 - 130.00 ) |         |
| MSD  | Iron, Total, ICAP/MS | 500      | 490       | 98.0      | ( 70.00 - 130.00 ) | 2.0     |

**QC Batch #96833****Lead, Total, ICAP/MS**

| QC   | Analyte              | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|----------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample        | Lab # 99 | 0519080   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Lead, Total, ICAP/MS | 20.0     | 19.9      | 99.5      | ( 85.00 - 115.00 ) |         |
| LCS2 | Lead, Total, ICAP/MS | 20.0     | 20.0      | 100.0     | ( 85.00 - 115.00 ) | 0.50    |
| MBLK | Lead, Total, ICAP/MS | ND       |           |           |                    |         |
| MS   | Lead, Total, ICAP/MS | 20.0     | 22.2      | 111.0     | ( 70.00 - 130.00 ) |         |
| MSD  | Lead, Total, ICAP/MS | 20.0     | 22.9      | 114.5     | ( 70.00 - 130.00 ) | 3.1     |

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.  
Criteria for MS and DUP are advisory only and not applicable for ICR monitoring.

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Laboratory  
QC Report  
#54483

Foster Wheeler Environmental, Inc  
(continued)

**QC Batch #96843****Calcium, Total, ICAP**

| QC   | Analyte              | Spiked<br>Lab # | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|----------------------|-----------------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample        | 99              | 0520157   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Calcium, Total, ICAP | 50              | 51.0      | 102.0     | ( 85.00 - 115.00 ) |         |
| LCS2 | Calcium, Total, ICAP | 50              | 51.9      | 103.8     | ( 85.00 - 115.00 ) | 1.7     |
| MBLK | Calcium, Total, ICAP | ND              |           |           |                    |         |
| MS   | Calcium, Total, ICAP | 50              | 53.2      | 106.4     | ( 70.00 - 130.00 ) |         |
| MSD  | Calcium, Total, ICAP | 50              | 51.1      | 102.2     | ( 70.00 - 130.00 ) | 4.0     |

**QC Batch #96845****Potassium, Total, ICAP**

| QC   | Analyte                | Spiked<br>Lab # | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|------------------------|-----------------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample          | 99              | 0520157   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Potassium, Total, ICAP | 20              | 20.2      | 101.0     | ( 80.00 - 110.00 ) |         |
| LCS2 | Potassium, Total, ICAP | 20              | 20.6      | 103.0     | ( 80.00 - 110.00 ) | 2.0     |
| MBLK | Potassium, Total, ICAP | ND              |           |           |                    |         |
| MS   | Potassium, Total, ICAP | 20              | 20.9      | 104.5     | ( 80.00 - 120.00 ) |         |
| MSD  | Potassium, Total, ICAP | 20              | 20.2      | 101.0     | ( 80.00 - 120.00 ) | 3.4     |

**QC Batch #96847****Magnesium, Total, ICAP**

| QC   | Analyte                | Spiked<br>Lab # | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|------------------------|-----------------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample          | 99              | 0520157   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Magnesium, Total, ICAP | 20              | 20.8      | 104.0     | ( 85.00 - 115.00 ) |         |
| LCS2 | Magnesium, Total, ICAP | 20              | 21.2      | 106.0     | ( 85.00 - 115.00 ) | 1.9     |
| MBLK | Magnesium, Total, ICAP | ND              |           |           |                    |         |
| MS   | Magnesium, Total, ICAP | 20              | 22.3      | 111.5     | ( 70.00 - 130.00 ) |         |
| MSD  | Magnesium, Total, ICAP | 20              | 21.4      | 107.0     | ( 70.00 - 130.00 ) | 4.1     |

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Laboratory  
QC Report  
#54483

Foster Wheeler Environmental, Inc  
(continued)

QC Batch #96849

Sodium, Total, ICAP

| QC   | Analyte             | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|---------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample       | Lab # 99 | 0520157   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Sodium, Total, ICAP | 50       | 51.0      | 102.0     | ( 85.00 - 115.00 ) |         |
| LCS2 | Sodium, Total, ICAP | 50       | 52.1      | 104.2     | ( 85.00 - 115.00 ) | 2.1     |
| MBLK | Sodium, Total, ICAP | ND       |           |           |                    |         |
| MS   | Sodium, Total, ICAP | 50       | 47.3      | 94.6      | ( 70.00 - 130.00 ) |         |
| MSD  | Sodium, Total, ICAP | 50       | 44.5      | 89.0      | ( 70.00 - 130.00 ) | 6.1     |

QC Batch #96890

Arsenic, Total, GF

| QC   | Analyte            | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|--------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample      | Lab # 99 | 0519080   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Arsenic, Total, GF | 0.020    | 0.0205    | 102.5     | ( 85.00 - 115.00 ) |         |
| LCS2 | Arsenic, Total, GF | 0.020    | 0.0199    | 99.5      | ( 85.00 - 115.00 ) | 3.0     |
| MBLK | Arsenic, Total, GF | ND       |           |           |                    |         |
| MS   | Arsenic, Total, GF | 0.020    | 0.0215    | 107.5     | ( 70.00 - 130.00 ) |         |
| MSD  | Arsenic, Total, GF | 0.020    | 0.0217    | 108.5     | ( 70.00 - 130.00 ) | 0.93    |

QC Batch #96986

Total Dissolved Solid (TDS)

| QC   | Analyte                     | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|-----------------------------|----------|-----------|-----------|--------------------|---------|
| DUP  | Spiked sample               | Lab # 99 | 0520161   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Total Dissolved Solid (TDS) | 175      | 176       | 100.6     | ( 85.00 - 115.00 ) |         |
| LCS2 | Total Dissolved Solid (TDS) | 700      | 678       | 96.9      | ( 85.00 - 115.00 ) |         |
| MBLK | Total Dissolved Solid (TDS) | ND       |           |           |                    |         |

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Laboratory  
QC Report  
#54483

Foster Wheeler Environmental, Inc  
(continued)

**QC Batch #97167****Perchlorate**

| QC   | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|---------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample | Lab # 99 | 0519080   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Perchlorate   | 20.0     | 18.1      | 90.5      | ( 90.00 - 110.00 ) |         |
| LCS2 | Perchlorate   | 20.0     | 18.3      | 91.5      | ( 90.00 - 110.00 ) | 1.1     |
| MBLK | Perchlorate   | ND       |           |           |                    |         |
| MS   | Perchlorate   | 20.0     | 18.2      | 91.0      | ( 75.00 - 125.00 ) |         |
| MSD  | Perchlorate   | 20.0     | 20.1      | 100.5     | ( 75.00 - 125.00 ) | 9.9     |

**QC Batch #97178****Alkalinity**

| QC   | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|---------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample | Lab # 99 | 0520157   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Alkalinity    | 96.2     | 99.2      | 103.1     | ( 90.00 - 110.00 ) |         |
| LCS2 | Alkalinity    | 96.2     | 97.9      | 101.8     | ( 90.00 - 110.00 ) | 1.3     |
| MBLK | Alkalinity    | ND       |           |           |                    |         |
| MS   | Alkalinity    | 96.2     | 99.1      | 103.0     | ( 80.00 - 120.00 ) |         |
| MSD  | Alkalinity    | 96.2     | 99.1      | 103.0     | ( 80.00 - 120.00 ) | 0.00    |

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**MONTGOMERY WATSON LABORATORIES***Quality Environmental Analysis*

A division of Montgomery Watson Americas, Inc.

June 17, 1999

Foster Wheeler Environmental  
611 Anton Blvd, Suite 800  
Costa Mesa, CA. 92626

Attention: Mark Cutler

Re: Report # 54530 (MW-992-094, MW-992-093, MW-992-037,  
MW-992-036, MW-992-035, MW-992-034, MW-992-033)

Sampled: 5/24/99

Dear Mark,

Enclosed please find data deliverables for the recent JPL project. A  
detailed quality control (QC) summary follows:

**Non-conformance (LCS, MS/MSD, Surrogates, and Holding Times)**

None

**Samples requiring dilution (with increased MRL's):**

MW-992-033, -034, -035 were diluted for anions.

MW-992-036: Nitrate is reported from the Undiluted run within  
Holding Time, HT. The highest standard is 10 ppm. The result from  
a diluted run past HT was 11.2, with an RPD of 3%. The original  
result within HT is flagged "E".

**Method blanks with compounds detected:**

None

**Comments:**

Chloroform was detected in MW-992-093

1,1-Dichloroethane was detected in sample MW-992-034, -033

Tetrachloroethylene was detected in sample MW-992-034, -033

Trichloroethylene was detected in sample MW-992-034

Perchlorate was detected in MW-992-036, -035, -034

**TIC's:**

None

**Method Variance:**

None

**Other Comments:**

A QC check on the ASTM type II water supplied for the equipment  
rinse did not contain Methylene Chloride, but did contain  
detectable levels of Chloroform at 1.3 ug/L. No Methylene Chloride  
or Chloroform was detected in the method blank QC. Chloroform  
concentrations detected in the field samples, up to and including  
the level detected in the rinse water, may be an artifact of the  
rinse water.

ASTM type II water does not have specifications for volatiles.  
Foster Wheeler Environmental Corporation may want to consider the  
use of 'volatile free' water, if the trace chloroform poses  
problems. The Stationary Blank, SB, which was purged at the time of  
preparation, did not contain either compound. Volatile free water,  
would be substantially more expensive, due to the need to purge the  
water and the difficulty of preparing it in large quantities.

Sincerely,

Debbie Frank  
Project Manager

cc: Judy Novelly (JPL)

**Laboratory**  
555 East Walnut Street  
Pasadena, California 91101  
Tel: 626 568 6400  
Fax: 626 568 6324

**Southwest Service Center**  
4820 South Mill Avenue - Suite 202  
Tempe, Arizona 85282  
Tel: 602 755 8201  
Fax: 602 755 8203

**Northern California Service Center**  
1340 Treat Boulevard - Suite 300  
Walnut Creek, California 94596  
Tel: 925 274 2322  
Fax: 925 945 1760

**Southern California Service Center**  
30 Corporate Park - Suite 302  
Irvine, California 92606  
Tel: 949 222 1845  
Fax: 949 222 1849

**Montgomery Watson Laboratories**  
, Los Angeles, CA 90051-3508  
PHONE: 626-568-6400/FAX: 626-568-6324

**ACKNOWLEDGMENT OF SAMPLES RECEIVED**

Foster Wheeler Environmental, Inc  
611 Anton Boulevard  
Suite 800  
Costa Mesa, CA 92626  
Attn: Mark Cutler

Customer Code: ENSERCH  
PO#: Sub PO#007618-0006  
Group#: 54530  
Project#: JPL  
Proj Mgr: Debbie Frank  
Phone: (714) 444-5526

The following samples were received from you on 05/24/99. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using Montgomery Watson Laboratories.

| Sample#   | Sample Id  | Tests Scheduled                                                                                               | Matrix | Sample Date |
|-----------|------------|---------------------------------------------------------------------------------------------------------------|--------|-------------|
| 990524250 | MW-992-094 | @EBASVOA                                                                                                      | Water  | 05/24/99    |
| 990524251 | MW-992-093 | @EBASVOA AS-EBAS CR-EBAS PB-EBAS CR-VI CLO4                                                                   | Water  | 05/24/99    |
| 990524252 | MW-992-037 | @EBASVOA CR-VI PB-EBAS CR-EBAS AS-EBAS TDS CATION1 ANION1 PH EC HCO3 CO3 ALK NO3 SO4 CL FE-MS K NA MG CA CLO4 | Water  | 05/24/99    |
| 990524253 | MW-992-036 | @EBASVOA CR-VI PB-EBAS CR-EBAS AS-EBAS TDS CATION1 ANION1 PH EC HCO3 CO3 ALK NO3 SO4 CL FE-MS K NA MG CA CLO4 | Water  | 05/24/99    |
| 990524254 | MW-992-035 | @EBASVOA CR-VI PB-EBAS CR-EBAS AS-EBAS TDS CATION1 ANION1 PH EC HCO3 CO3 ALK NO3 SO4 CL FE-MS K NA MG CA CLO4 | Water  | 05/24/99    |
| 990524255 | MW-992-034 | @EBASVOA CR-VI PB-EBAS CR-EBAS AS-EBAS TDS CATION1 ANION1 PH EC HCO3 CO3 ALK NO3 SO4 CL FE-MS K NA MG CA CLO4 | Water  | 05/24/99    |
| 990524256 | MW-992-033 | @EBASVOA CR-VI PB-EBAS CR-EBAS AS-EBAS TDS CATION1 ANION1 PH EC HCO3 CO3 ALK NO3 SO4 CL FE-MS K NA MG CA CLO4 | Water  | 05/24/99    |

**Test Acronym Description**

| Test Acronym | Description |
|--------------|-------------|
|--------------|-------------|

Foster Wheeler Environmental, Inc  
611 Anton Boulevard  
Suite 800  
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Attn: Mark Cutler

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Test Acronym Description

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| Test Acronym | Description                    |
|--------------|--------------------------------|
| @EBASVOA     | Regulated VOCs plus Lists 1&3  |
| ALK          | Alkalinity                     |
| ANION1       | Anion Sum                      |
| AS-EBAS      | Arsenic, Total, GF             |
| CA           | Calcium, Total, ICAP           |
| CATION1      | Cation Sum                     |
| CL           | Chloride                       |
| CLO4         | Perchlorate                    |
| CO3          | Carbonate as CO3, Calculated   |
| CR-EBAS      | Chromium, Total, ICAP/MS       |
| CR-VI        | Hexavalent chromium (Cr VI)    |
| EC           | Specific Conductance           |
| FE-MS        | Iron, Total, ICAP/MS           |
| HCO3         | Bicarbonate as HCO3,calculated |
| K            | Potassium, Total, ICAP         |
| MG           | Magnesium, Total, ICAP         |
| NA           | Sodium, Total, ICAP            |
| NO3          | Nitrate-N by IC                |
| PB-EBAS      | Lead, Total, ICAP/MS           |
| PH           | Lab pH                         |
| SO4          | Sulfate                        |
| TDS          | Total Dissolved Solid (TDS)    |





54530

TEMP = 6-13

NUMBER 1254

REG ICE-OK

## FOSTER WHEELER ENVIRONMENTAL CORPORATION

## CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

PAGE 1 OF

| PROJECT<br>JPL                                     |                | OFS NO.<br>1572.0276 |                                       | HAZARD IDENTIFICATION<br>Non Hazard <input checked="" type="checkbox"/> Reactive <input type="checkbox"/><br>Flammable <input type="checkbox"/> Toxic <input type="checkbox"/><br>Skin Irritant <input type="checkbox"/> Infectious <input type="checkbox"/> |                             | TIME REQUIRED<br>NORMAL <input checked="" type="checkbox"/> DAYS<br>RUSH <input type="checkbox"/> DAYS |                  |                                                                                                                                                                              |                |              |        |      |             |              |                 |           |
|----------------------------------------------------|----------------|----------------------|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|--------------------------------------------------------------------------------------------------------|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------------|--------|------|-------------|--------------|-----------------|-----------|
| PROJECT ADDRESS<br>4800 OAK GROVE DR, PASADENA CA  |                |                      |                                       | SAMPLER (Name)<br>J. BRENNER                                                                                                                                                                                                                                 |                             |                                                                                                        |                  | SAMPLER (Signature)<br>J. BRENNER                                                                                                                                            |                |              |        |      |             |              |                 |           |
| LABORATORY<br>MONTGOMERY WATSON LABS               |                |                      |                                       | REPORTS TO BE SENT TO<br>M.R. MARK COTRAC                                                                                                                                                                                                                    |                             |                                                                                                        |                  | ANALYSES REQUIRED<br>VOCs (524.2)<br>TOTAL AS GC Pb<br>(6010/7050)<br>MAJOR ANIONS<br>3 TDS<br>HFx GC<br>C104<br>MS For VOCs<br>MSD For VOCs<br>MS/MSD For VOCs<br>GC For GC |                |              |        |      |             |              |                 |           |
| SAMPLE NUMBER                                      | TIME COLLECTED | DATE COLLECTED       | NUMBER OF CONTAINERS                  | CONTAINER SIZE(S)                                                                                                                                                                                                                                            | SAMPLE MATERIAL             |                                                                                                        |                  | VOCs                                                                                                                                                                         | TOTAL AS GC Pb | MAJOR ANIONS | HFx GC | C104 | MS For VOCs | MSD For VOCs | MS/MSD For VOCs | GC For GC |
|                                                    |                |                      |                                       |                                                                                                                                                                                                                                                              | WATER                       | SOIL                                                                                                   | OTHER (Describe) |                                                                                                                                                                              |                |              |        |      |             |              |                 |           |
| MW 992-094                                         | 0840           | 5/24/94              | 2                                     | 2x40ml                                                                                                                                                                                                                                                       | X                           |                                                                                                        |                  | X                                                                                                                                                                            |                |              |        |      |             |              |                 |           |
| MW 992-093                                         | 0900           | ↓                    | 5                                     | 2x40ml 2x125ml<br>1x250ml                                                                                                                                                                                                                                    | X                           |                                                                                                        |                  | X                                                                                                                                                                            | X              |              | X      | X    |             |              |                 |           |
| MW 992-037                                         | 0920           |                      | 6                                     | 2x40ml 1x250ml<br>2x125ml 1x500ml                                                                                                                                                                                                                            | X                           |                                                                                                        |                  | X                                                                                                                                                                            | X              | X            | X      | X    |             |              |                 |           |
| MW 992-036                                         | 1030           |                      | 6                                     | ↓                                                                                                                                                                                                                                                            | X                           |                                                                                                        |                  | X                                                                                                                                                                            | X              | X            | X      | X    |             |              |                 |           |
| MW 992-035                                         | 1130           |                      | 6                                     | 2x40ml 2x500ml<br>2x125ml                                                                                                                                                                                                                                    | X                           |                                                                                                        |                  | X                                                                                                                                                                            | X              | X            | X      | X    |             |              | X               |           |
| MW 992-035MS                                       | 1130           |                      | 2                                     | 2x40ml                                                                                                                                                                                                                                                       | X                           |                                                                                                        |                  |                                                                                                                                                                              |                |              |        |      | X           |              |                 |           |
| MW 992-035MS                                       | 1130           |                      | 2                                     | 2x40ml                                                                                                                                                                                                                                                       | X                           |                                                                                                        |                  |                                                                                                                                                                              |                |              |        |      |             | X            |                 |           |
| MW 992-034                                         | 1225           |                      | 6                                     | 2x40ml 1x250ml<br>2x125ml 1x500ml                                                                                                                                                                                                                            | X                           |                                                                                                        |                  | X                                                                                                                                                                            | X              | X            | X      | Y    |             |              |                 | X         |
| MW 992-033                                         | 1320           |                      | 6                                     | ↓                                                                                                                                                                                                                                                            | X                           |                                                                                                        |                  | X                                                                                                                                                                            | X              | X            | X      | Y    |             |              |                 |           |
| LABORATORY INSTRUCTIONS/COMMENTS<br>LEVEL IV QA/QC |                |                      |                                       |                                                                                                                                                                                                                                                              |                             |                                                                                                        |                  |                                                                                                                                                                              |                |              |        |      |             |              |                 |           |
| RELINQUISHED BY (Signature)<br>J. Brennan          |                | DATE<br>5-24-94      | RECEIVED BY (Signature)<br>M. DE ALBA |                                                                                                                                                                                                                                                              | RELINQUISHED BY (Signature) |                                                                                                        | DATE             | RECEIVED BY (Signature)                                                                                                                                                      |                |              |        |      |             |              |                 |           |
| COMPANY<br>Foster Wheeler                          |                | TIME<br>14:20        | COMPANY<br>A.I.C.U.                   |                                                                                                                                                                                                                                                              | COMPANY                     |                                                                                                        | TIME             | COMPANY                                                                                                                                                                      |                |              |        |      |             |              |                 |           |

# MONTGOMERY LABORATORIES COOLER RECEIPT FORM

PROJECT: ENSERUH

Date Received: 5-24-99

Use other side of this form to note further details concerning check-in problems and to describe any action(s) regarding the resolution(s) of problems.

A. PRELIMINARY EXAMINATION: Date cooler opened: 5-24-99  
by (print) MARTIN L. DE MESA (sign) [Signature]

1. Did cooler come with shipping slip (air bill, etc.)? Yes No  
If YES, attach & enter carrier and air bill # here: DELIVERED BY CLIENT

2. Were custody seals on outside of cooler? Yes No  
If YES, how many & where: 2 OUTSIDE LID  
If Yes, enter the following: seal date: 5-24-99, seal name: J. B.

3. Were custody seals unbroken & intact at delivery? Yes No

4. Were custody papers sealed in bag & taped to lid? Yes No

5. Were custody papers filled out properly (ink, etc.) Yes No

6. Did you sign custody papers in appropriate place? Yes No

7. Was project identifiable from custody papers? Yes No

8. Have designated person(s) initial to acknowledge receipt: MLO (date) 5-24-99

B. LOG-IN PHASE: Date samples were logged-in: 5-24-99 by:  
(print) MARTIN L. DE MESA (sign) [Signature]

9. Describe packing:

10. If required, was enough ice used? Yes No

11. Were all bottles sealed in separate plastic bags? Yes No

12. Did all bottles arrive unbroken/in good condition? Yes No

13. Were all bottle labels complete (ID, date, sign, pres)? Yes No

14. Did all bottle labels agree with custody papers?  
If NO, indicate discrepancies on back. Yes No

15. Were correct containers used for the analytes? Yes No

16. Were correct preservatives used when required? Yes No

17. Was sufficient amount of sample sent for tests? Yes No

18. Bubbles absent in VOA vials?  
If NO, list by sample id on back. Yes No

19. Was Client Services informed of problems? Yes No

Report Summary of positive results, PR54530

|          |                                             |            | Result | MDL    | UNITS |
|----------|---------------------------------------------|------------|--------|--------|-------|
| Analyzed | 990524250                                   | MW-992-094 |        |        |       |
| Analyzed | 990524251                                   | MW-992-093 |        |        |       |
| 05/26/99 | Chloroform (Trichloromethane)               |            | 0.9    | .500   | UGL   |
| Analyzed | 990524252                                   | MW-992-037 |        |        |       |
| 06/03/99 | Alkalinity                                  |            | 138    | 2.000  | MGL   |
| 06/09/99 | Anion Sum                                   |            | 3.36   | .001   | MEQL  |
| 06/09/99 | Bicarbonate as HCO <sub>3</sub> ,calculated |            | 166    | .001   | MGL   |
| 05/27/99 | Calcium, Total, ICAP                        |            | 17.9   | 1.000  | MGL   |
| 06/09/99 | Carbonate as CO <sub>3</sub> , Calculated   |            | 5.41   | .001   | MGL   |
| 06/07/99 | Cation Sum                                  |            | 3.54   | .001   | MEQL  |
| 05/25/99 | Chloride                                    |            | 8.35   | 1.000  | MGL   |
| 05/25/99 | Lab pH                                      |            | 8.7    | .001   | UNIT  |
| 05/27/99 | Magnesium, Total, ICAP                      |            | 12.9   | .100   | MGL   |
| 05/25/99 | Nitrate-N by IC                             |            | 0.10   | .100   | MGL   |
| 05/27/99 | Potassium, Total, ICAP                      |            | 2.4    | 1.000  | MGL   |
| 05/27/99 | Sodium, Total, ICAP                         |            | 35.0   | 1.000  | MGL   |
| 05/27/99 | Specific Conductance                        |            | 330    | 4.000  | UMHO  |
| 05/25/99 | Sulfate                                     |            | 17.1   | 2.000  | MGL   |
| 05/27/99 | Total Dissolved Solid (TDS)                 |            | 210    | 10.000 | MGL   |
| Analyzed | 990524253                                   | MW-992-036 |        |        |       |
| 06/03/99 | Alkalinity                                  |            | 159    | 2.000  | MGL   |
| 06/09/99 | Anion Sum                                   |            | 5.60   | .001   | MEQL  |
| 06/09/99 | Bicarbonate as HCO <sub>3</sub> ,calculated |            | 193    | .001   | MGL   |
| 05/27/99 | Calcium, Total, ICAP                        |            | 54.2   | 1.000  | MGL   |
| 06/09/99 | Carbonate as CO <sub>3</sub> , Calculated   |            | 1.25   | .001   | MGL   |
| 06/07/99 | Cation Sum                                  |            | 5.65   | .001   | MEQL  |
| 05/25/99 | Chloride                                    |            | 37.5   | 1.000  | MGL   |
| 05/25/99 | Lab pH                                      |            | 8.0    | .001   | UNIT  |
| 05/27/99 | Magnesium, Total, ICAP                      |            | 19.6   | .100   | MGL   |
| 05/25/99 | Nitrate-N by IC                             |            | 10.9E  | .100   | MGL   |
| 06/05/99 | Perchlorate                                 |            | 9.9    | 4.000  | UGL   |
| 05/27/99 | Potassium, Total, ICAP                      |            | 2.3    | 1.000  | MGL   |
| 05/27/99 | Sodium, Total, ICAP                         |            | 29.2   | 1.000  | MGL   |
| 05/27/99 | Specific Conductance                        |            | 555    | 4.000  | UMHO  |
| 05/25/99 | Sulfate                                     |            | 28.2   | 2.000  | MGL   |
| 05/27/99 | Total Dissolved Solid (TDS)                 |            | 350    | 10.000 | MGL   |
| Analyzed | 990524254                                   | MW-992-035 |        |        |       |
| 06/03/99 | Alkalinity                                  |            | 200    | 2.000  | MGL   |
| 06/09/99 | Anion Sum                                   |            | 10.2   | .001   | MEQL  |
| 06/09/99 | Bicarbonate as HCO <sub>3</sub> ,calculated |            | 243    | .001   | MGL   |
| 05/27/99 | Calcium, Total, ICAP                        |            | 93.5   | 1.000  | MGL   |
| 06/09/99 | Carbonate as CO <sub>3</sub> , Calculated   |            | 1.58   | .001   | MGL   |
| 06/07/99 | Cation Sum                                  |            | 9.97   | .001   | MEQL  |
| 05/25/99 | Chloride                                    |            | 94.6   | 2.000  | MGL   |
| 05/25/99 | Lab pH                                      |            | 8.0    | .001   | UNIT  |
| 05/27/99 | Magnesium, Total, ICAP                      |            | 42.9   | .100   | MGL   |
| 05/25/99 | Nitrate-N by IC                             |            | 13.8   | .200   | MGL   |

|          |                             |      |        |      |
|----------|-----------------------------|------|--------|------|
| 06/05/99 | Perchlorate                 | 7.0  | 4.000  | UGL  |
| 05/27/99 | Potassium, Total, ICAP      | 3.2  | 1.000  | MGL  |
| 05/27/99 | Sodium, Total, ICAP         | 38.8 | 1.000  | MGL  |
| 05/27/99 | Specific Conductance        | 960  | 4.000  | UMHO |
| 05/25/99 | Sulfate                     | 122  | 4.000  | MGL  |
| 05/27/99 | Total Dissolved Solid (TDS) | 630  | 10.000 | MGL  |

Analyzed 990524255 MW-992-034

|          |                                             |       |        |      |
|----------|---------------------------------------------|-------|--------|------|
| 05/26/99 | 1,1-Dichloroethane                          | 0.8   | .500   | UGL  |
| 05/26/99 | Chloroform (Trichloromethane)               | 0.6   | .500   | UGL  |
| 05/26/99 | Tetrachloroethylene (PCE)                   | 1.2   | .500   | UGL  |
| 05/26/99 | Trichloroethylene (TCE)                     | 1.0   | .500   | UGL  |
| 06/03/99 | Alkalinity                                  | 238   | 2.000  | MGL  |
| 06/09/99 | Anion Sum                                   | 13.2  | .001   | MEQL |
| 06/09/99 | Bicarbonate as HCO <sub>3</sub> ,calculated | 290   | .001   | MGL  |
| 05/27/99 | Calcium, Total, ICAP                        | 144   | 1.000  | MGL  |
| 06/09/99 | Carbonate as CO <sub>3</sub> , Calculated   | 0.299 | .001   | MGL  |
| 06/07/99 | Cation Sum                                  | 13.1  | .001   | MEQL |
| 05/25/99 | Chloride                                    | 116   | 2.000  | MGL  |
| 05/26/99 | Iron, Total, ICAP/MS                        | 600   | *****  | UGL  |
| 05/25/99 | Lab pH                                      | 7.2   | .001   | UNIT |
| 05/27/99 | Magnesium, Total, ICAP                      | 52.2  | .100   | MGL  |
| 05/25/99 | Nitrate-N by IC                             | 16.7  | .200   | MGL  |
| 06/05/99 | Perchlorate                                 | 9.6   | 4.000  | UGL  |
| 05/27/99 | Potassium, Total, ICAP                      | 2.6   | 1.000  | MGL  |
| 05/27/99 | Sodium, Total, ICAP                         | 34.6  | 1.000  | MGL  |
| 05/27/99 | Specific Conductance                        | 1210  | 4.000  | UMHO |
| 05/25/99 | Sulfate                                     | 192   | 4.000  | MGL  |
| 05/27/99 | Total Dissolved Solid (TDS)                 | 800   | 10.000 | MGL  |

Analyzed 990524256 MW-992-033

|          |                                             |       |        |      |
|----------|---------------------------------------------|-------|--------|------|
| 05/26/99 | 1,1-Dichloroethane                          | 2.6   | .500   | UGL  |
| 05/26/99 | Tetrachloroethylene (PCE)                   | 0.5   | .500   | UGL  |
| 06/03/99 | Alkalinity                                  | 203   | 2.000  | MGL  |
| 06/09/99 | Anion Sum                                   | 13.7  | .001   | MEQL |
| 06/09/99 | Bicarbonate as HCO <sub>3</sub> ,calculated | 248   | .001   | MGL  |
| 05/27/99 | Calcium, Total, ICAP                        | 141   | 1.000  | MGL  |
| 06/09/99 | Carbonate as CO <sub>3</sub> , Calculated   | 0.203 | .001   | MGL  |
| 06/07/99 | Cation Sum                                  | 13.1  | .001   | MEQL |
| 05/25/99 | Chloride                                    | 133   | 2.000  | MGL  |
| 05/26/99 | Iron, Total, ICAP/MS                        | 590   | *****  | UGL  |
| 05/25/99 | Lab pH                                      | 7.1   | .001   | UNIT |
| 05/27/99 | Magnesium, Total, ICAP                      | 49.4  | .100   | MGL  |
| 05/25/99 | Nitrate-N by IC                             | 18.7  | .200   | MGL  |
| 05/27/99 | Potassium, Total, ICAP                      | 2.8   | 1.000  | MGL  |
| 05/27/99 | Sodium, Total, ICAP                         | 43.8  | 1.000  | MGL  |
| 05/27/99 | Specific Conductance                        | 1270  | 4.000  | UMHO |
| 05/25/99 | Sulfate                                     | 217   | 4.000  | MGL  |
| 05/27/99 | Total Dissolved Solid (TDS)                 | 830   | 10.000 | MGL  |

**QUALITY INVESTIGATION REPORT**QIR No. WET-99- DBIAnalysis Date: 05/25/99Analysis: NO3

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

Matrix: iAnalyst: SACInstrument ID: IC3**SAMPLES IMPACTED**

| Lab #     | Client ID  | Client Name | Lab # | Client ID | Client Name |
|-----------|------------|-------------|-------|-----------|-------------|
| 990524253 | MW-992-036 | Enscherh    |       |           |             |
|           |            |             |       |           |             |
|           |            |             |       |           |             |

**Brief Description:** (include reason for non-compliance)

Nitrate result is higher than the highest Calibration standard by 0.9 ppm.  
Nitrate is linear up to 13 ppm.

**Action Taken:**

Sample was re-analyzed on 6/17/99 with 1/2 dilution and got 11.2 ppm  
with 31.6 PD from the original result.

**Impact on Data Quality:**

None expected. However the method says that any conc. above highest std needs to be  
flagged.  
Sample is flagged with E as an estimate.

**Data Disposition:**Re-run ☐Re-sample ☐Original Data Reported ☒Report Annotated ☐

Other: \_\_\_\_\_

**Annotation:****Client Contact:**

Flag result "E" and report original within HT Analysis  
None - Address in Cover letter DBB 6/17/99

**Extraction:****Analyst:****Group Leader:****QA Coordinator:****Project Manager:**

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

Date: 6/17/99Date: 6/17/99Date: 6/17/99Date: 6/17/99

PROPERTY OF MONTGOMERY WATSON LABORATORIES



**MONTGOMERY WATSON LABORATORIES**

a Division of Montgomery Watson Americas, Inc.

555 East Walnut Street

Pasadena, California 91101

Tel: 626 568 6400 Fax: 626 568 6324

1 800 566 LABS (1 800 566 5227)

**Laboratory Report**

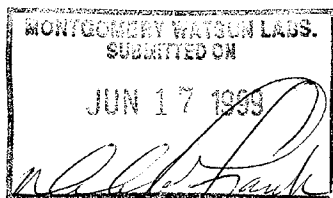
for

Foster Wheeler Environmental, Inc  
611 Anton Boulevard

Suite 800

Costa Mesa , CA 92626

Attention: Mark Cutler  
Fax: (714) 444-5560



DEB\* Debbie Frank

Report#: 54530  
JPL

**MONTGOMERY WATSON LABORATORIES**

a Division of Montgomery Watson Americas, Inc.

555 East Walnut Street

Pasadena, California 91101

Tel: 626 588 6400 Fax: 626 568 6324

1 800 566 LABS (1 800 566 5227)

Report  
Comments  
#54530

**Group Comments**

(Nitrate) Result for sample MW-992-036 exceeds the 10ppm highest calibration standard by 0.9ppm. Result is still within the linear range of the instrument. The flagged reported result is confirmed on 06/17/99. The re-run with a 1/2 dilution gave 11.2ppm resulting in 3% percent RPD. Please see the QIR.

**MONTGOMERY WATSON LABORATORIES**

a Division of Montgomery Watson Americas, Inc.

555 East Walnut Street

Pasadena, California 91101

Tel: 626 568 6400 Fax: 626 568 6324

1 800 566 LABS (1 800 566 5227)

**Laboratory****Report****#54530**

Foster Wheeler Environmental, Inc

Mark Cutler

611 Anton Boulevard

Suite 800

Costa Mesa, CA 92626

Samples Received  
24-may-1999 15:06:01

| Prepared                      | Analyzed | QC Batch#        | Method                        | Analyte             | Result | Units | MRL | Dilution |
|-------------------------------|----------|------------------|-------------------------------|---------------------|--------|-------|-----|----------|
| MW-992-094 (990524250)        |          |                  |                               | Sampled on 05/24/99 |        |       |     |          |
| Regulated VOCs plus Lists 1&3 |          |                  |                               |                     |        |       |     |          |
| 05/26/99                      | 96997    | ( ML/EPA 524.2 ) | 1,1,1,2-Tetrachloroethane     | ND                  | ug/l   | 0.50  | 1   |          |
| 05/26/99                      | 96997    | ( ML/EPA 524.2 ) | 1,1,1-Trichloroethane         | ND                  | ug/l   | 0.50  | 1   |          |
| 05/26/99                      | 96997    | ( ML/EPA 524.2 ) | 1,1,2,2-Tetrachloroethane     | ND                  | ug/l   | 0.50  | 1   |          |
| 05/26/99                      | 96997    | ( ML/EPA 524.2 ) | 1,1,2-Trichloroethane         | ND                  | ug/l   | 0.50  | 1   |          |
| 05/26/99                      | 96997    | ( ML/EPA 524.2 ) | 1,1-Dichloroethane            | ND                  | ug/l   | 0.50  | 1   |          |
| 05/26/99                      | 96997    | ( ML/EPA 524.2 ) | 1,1-Dichloroethylene          | ND                  | ug/l   | 0.50  | 1   |          |
| 05/26/99                      | 96997    | ( ML/EPA 524.2 ) | 1,1-Dichloropropene           | ND                  | ug/l   | 0.50  | 1   |          |
| 05/26/99                      | 96997    | ( ML/EPA 524.2 ) | 1,2,3-Trichlorobenzene        | ND                  | ug/l   | 0.50  | 1   |          |
| 05/26/99                      | 96997    | ( ML/EPA 524.2 ) | 1,2,3-Trichloropropane        | ND                  | ug/l   | 0.50  | 1   |          |
| 05/26/99                      | 96997    | ( ML/EPA 524.2 ) | 1,2,4-Trichlorobenzene        | ND                  | ug/l   | 0.50  | 1   |          |
| 05/26/99                      | 96997    | ( ML/EPA 524.2 ) | 1,2,4-Trimethylbenzene        | ND                  | ug/l   | 0.50  | 1   |          |
| 05/26/99                      | 96997    | ( ML/EPA 524.2 ) | 1,2-Dichloroethane            | ND                  | ug/l   | 0.50  | 1   |          |
| 05/26/99                      | 96997    | ( ML/EPA 524.2 ) | 1,2-Dichloropropane           | ND                  | ug/l   | 0.50  | 1   |          |
| 05/26/99                      | 96997    | ( ML/EPA 524.2 ) | 1,3,5-Trimethylbenzene        | ND                  | ug/l   | 0.50  | 1   |          |
| 05/26/99                      | 96997    | ( ML/EPA 524.2 ) | 1,3-Dichloropropane           | ND                  | ug/l   | 0.50  | 1   |          |
| 05/26/99                      | 96997    | ( ML/EPA 524.2 ) | p-Dichlorobenzene (1,4-DCB)   | ND                  | ug/l   | 0.50  | 1   |          |
| 05/26/99                      | 96997    | ( ML/EPA 524.2 ) | 2,2-Dichloropropane           | ND                  | ug/l   | 0.50  | 1   |          |
| 05/26/99                      | 96997    | ( ML/EPA 524.2 ) | 2-Butanone (MEK)              | ND                  | ug/l   | 5.0   | 1   |          |
| 05/26/99                      | 96997    | ( ML/EPA 524.2 ) | o-Chlorotoluene               | ND                  | ug/l   | 0.50  | 1   |          |
| 05/26/99                      | 96997    | ( ML/EPA 524.2 ) | p-Chlorotoluene               | ND                  | ug/l   | 0.50  | 1   |          |
| 05/26/99                      | 96997    | ( ML/EPA 524.2 ) | 4-Methyl-2-Pentanone (MIBK)   | ND                  | ug/l   | 5.0   | 1   |          |
| 05/26/99                      | 96997    | ( ML/EPA 524.2 ) | Benzene                       | ND                  | ug/l   | 0.50  | 1   |          |
| 05/26/99                      | 96997    | ( ML/EPA 524.2 ) | Bromobenzene                  | ND                  | ug/l   | 0.50  | 1   |          |
| 05/26/99                      | 96997    | ( ML/EPA 524.2 ) | Bromomethane (Methyl Bromide) | ND                  | ug/l   | 0.50  | 1   |          |
| 05/26/99                      | 96997    | ( ML/EPA 524.2 ) | cis-1,2-Dichloroethylene      | ND                  | ug/l   | 0.50  | 1   |          |
| 05/26/99                      | 96997    | ( ML/EPA 524.2 ) | Chlorobenzene                 | ND                  | ug/l   | 0.50  | 1   |          |
| 05/26/99                      | 96997    | ( ML/EPA 524.2 ) | Carbon Tetrachloride          | ND                  | ug/l   | 0.50  | 1   |          |
| 05/26/99                      | 96997    | ( ML/EPA 524.2 ) | cis-1,3-Dichloropropene       | ND                  | ug/l   | 0.50  | 1   |          |
| 05/26/99                      | 96997    | ( ML/EPA 524.2 ) | Bromoform                     | ND                  | ug/l   | 0.50  | 1   |          |



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**Laboratory  
 Report  
 #54530**

Foster Wheeler Environmental, Inc  
 (continued)

| Prepared | Analyzed | QC Batch# | Method            | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|-------------------|---------------------------------|--------|-------|------|----------|
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Chloroform (Trichloromethane)   | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Bromochloromethane              | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Chloroethane                    | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Chloromethane (Methyl Chloride) | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Chlorodibromomethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Dibromomethane                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Bromodichloromethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Dichloromethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Ethyl benzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/E524.2/624 ) | Dichlorodifluoromethane         | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Fluorotrichloromethane-Freon11  | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Hexachlorobutadiene             | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Isopropylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | m-Dichlorobenzene (1,3-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | m,p-Xylenes                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Naphthalene                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | n-Butylbenzene                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | n-Propylbenzene                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | o-Xylene                        | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | o-Dichlorobenzene (1,2-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Tetrachloroethylene (PCE)       | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | p-Isopropyltoluene              | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | sec-Butylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Styrene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | trans-1,2-Dichloroethylene      | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | tert-Butylbenzene               | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Trichloroethylene (TCE)         | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Trichlorotrifluoroethane (Freon | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | trans-1,3-Dichloropropene       | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Toluene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Vinyl chloride (VC)             | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )     | None detected                   | ND     |       |      | 1        |
|          |          |           | ( Surrogate )     | 1,2-Dichloroethane-d4           | 106    | % Rec |      |          |
|          |          |           | ( Surrogate )     | 4-Bromofluorobenzene            | 103    | % Rec |      |          |
|          |          |           | ( Surrogate )     | Toluene-d8                      | 99     | % Rec |      |          |

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**Laboratory****Report****#54530**

Foster Wheeler Environmental, Inc

(continued)

| Prepared                                 | Analyzed | QC Batch# | Method            | Analyte                       | Result | Units | MRL   | Dilution |
|------------------------------------------|----------|-----------|-------------------|-------------------------------|--------|-------|-------|----------|
| <b>MW-992-093 (990524251)</b>            |          |           |                   | <b>Sampled on 05/24/99</b>    |        |       |       |          |
| 05/25/99                                 | 05/27/99 | 96890     | ( S3113B/E200.9 ) | Arsenic, Total, GF            | ND     | mg/l  | 0.005 | 1        |
|                                          | 06/05/99 | 97167     | ( MOD/EPA 300 )   | Perchlorate                   | ND     | ug/l  | 4.0   | 1        |
| 05/26/99                                 | 05/26/99 | 96831     | ( EPA/ML 200.8 )  | Chromium, Total, ICAP/MS      | ND     | ug/l  | 10    | 1        |
|                                          | 05/24/99 | 96641     | ( ML/SW 7196 )    | Hexavalent chromium (Cr VI)   | ND     | mg/l  | 0.005 | 1        |
| 05/26/99                                 | 05/26/99 | 96833     | ( EPA/ML 200.8 )  | Lead, Total, ICAP/MS          | ND     | ug/l  | 2.0   | 1        |
| <b>Regulated VOCs plus Lists 1&amp;3</b> |          |           |                   |                               |        |       |       |          |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | 1,1,1,2-Tetrachloroethane     | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | 1,1,1-Trichloroethane         | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | 1,1,2,2-Tetrachloroethane     | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | 1,1,2-Trichloroethane         | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | 1,1-Dichloroethane            | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | 1,1-Dichloroethylene          | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | 1,1-Dichloropropene           | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | 1,2,3-Trichlorobenzene        | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | 1,2,3-Trichloropropane        | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | 1,2,4-Trichlorobenzene        | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | 1,2,4-Trimethylbenzene        | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | 1,2-Dichloroethane            | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | 1,2-Dichloropropane           | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | 1,3,5-Trimethylbenzene        | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | 1,3-Dichloropropane           | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | p-Dichlorobenzene (1,4-DCB)   | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | 2,2-Dichloropropane           | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | 2-Butanone (MEK)              | ND     | ug/l  | 5.0   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | o-Chlorotoluene               | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | p-Chlorotoluene               | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | 4-Methyl-2-Pentanone (MIBK)   | ND     | ug/l  | 5.0   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Benzene                       | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Bromobenzene                  | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Bromomethane (Methyl Bromide) | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | cis-1,2-Dichloroethylene      | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Chlorobenzene                 | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Carbon Tetrachloride          | ND     | ug/l  | 0.50  | 1        |

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**Laboratory  
 Report  
 #54530**

Foster Wheeler Environmental, Inc  
 (continued)

| Prepared | Analyzed | QC Batch# | Method               | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|----------------------|---------------------------------|--------|-------|------|----------|
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )     | cis-1,3-Dichloropropene         | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )     | Bromoform                       | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )     | Chloroform (Trichloromethane)   | 0.9    | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )     | Bromochloromethane              | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )     | Chloroethane                    | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )     | Chloromethane (Methyl Chloride) | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )     | Chlorodibromomethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )     | Dibromomethane                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )     | Bromodichloromethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )     | Dichloromethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )     | Ethyl benzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2/624 ) | Dichlorodifluoromethane         | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )     | Fluorotrichloromethane-Freon11  | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )     | Hexachlorobutadiene             | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )     | Isopropylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )     | m-Dichlorobenzene (1,3-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )     | m,p-Xylenes                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )     | Naphthalene                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )     | n-Butylbenzene                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )     | n-Propylbenzene                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )     | o-Xylene                        | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )     | o-Dichlorobenzene (1,2-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )     | Tetrachloroethylene (PCE)       | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )     | p-Isopropyltoluene              | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )     | sec-Butylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )     | Styrene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )     | trans-1,2-Dichloroethylene      | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )     | tert-Butylbenzene               | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )     | Trichloroethylene (TCE)         | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )     | Trichlorotrifluoroethane (Freon | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )     | trans-1,3-Dichloropropene       | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )     | Toluene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )     | Vinyl chloride (VC)             | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )        | None detected                   | ND     |       |      | 1        |
|          |          |           | ( Surrogate )        | 1,2-Dichloroethane-d4           | 106    | % Rec |      |          |
|          |          |           | ( Surrogate )        | 4-Bromofluorobenzene            | 97     | % Rec |      |          |



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**Laboratory  
Report  
#54530**

Foster Wheeler Environmental, Inc  
(continued)

| Prepared                                               | Analyzed | QC Batch# | Method            | Analyte                        | Result | Units   | MRL    | Dilution |
|--------------------------------------------------------|----------|-----------|-------------------|--------------------------------|--------|---------|--------|----------|
|                                                        |          |           | ( Surrogate )     | Toluene-d8                     | 103    | % Rec   |        |          |
| <b>MW-992-037 (990524252)      Sampled on 05/24/99</b> |          |           |                   |                                |        |         |        |          |
|                                                        | 06/03/99 | 97351     | ( ML/SM2320B )    | Alkalinity                     | 138    | mg/l    | 2.0    | 1        |
|                                                        | 06/09/99 |           | ( ML/SM1040 )     | Anion Sum                      | 3.36   | meq/l   | 0.0010 | 1        |
| 05/25/99                                               | 05/28/99 | 96890     | ( S3113B/E200.9 ) | Arsenic, Total, GF             | ND     | mg/l    | 0.005  | 1        |
| 05/27/99                                               | 05/27/99 | 96843     | ( ML/EPA 200.7 )  | Calcium, Total, ICAP           | 17.9   | mg/l    | 1.0    | 1        |
|                                                        | 06/07/99 |           | ( ML/SM1040 )     | Cation Sum                     | 3.54   | meq/l   | 0.0010 | 1        |
|                                                        | 05/25/99 | 96792     | ( ML/EPA 300 )    | Chloride                       | 8.35   | mg/l    | 1.0    | 1        |
|                                                        | 06/05/99 | 97167     | ( MOD/EPA 300 )   | Perchlorate                    | ND     | ug/l    | 4.0    | 1        |
|                                                        | 06/09/99 |           | ( ML/SM2320B )    | Carbonate as CO3, Calculated   | 5.41   | mg/l    | 0.0010 | 1        |
| 05/26/99                                               | 05/26/99 | 96831     | ( EPA/ML 200.8 )  | Chromium, Total, ICAP/MS       | ND     | ug/l    | 10     | 1        |
|                                                        | 05/24/99 | 96641     | ( ML/SW 7196 )    | Hexavalent chromium (Cr VI)    | ND     | mg/l    | 0.005  | 1        |
|                                                        | 05/27/99 | 96826     | ( ML/S2510B )     | Specific Conductance           | 330    | umho/cm | 4.0    | 1        |
| 05/26/99                                               | 05/26/99 | 96832     | ( EPA/ML 200.8 )  | Iron, Total, ICAP/MS           | ND     | ug/l    | 100    | 1        |
|                                                        | 06/09/99 |           | ( ML/SM2320B )    | Bicarbonate as HCO3,calculated | 166    | mg/l    | 0.0010 | 1        |
| 05/27/99                                               | 05/27/99 | 96845     | ( ML/EPA 200.7 )  | Potassium, Total, ICAP         | 2.4    | mg/l    | 1.0    | 1        |
| 05/27/99                                               | 05/27/99 | 96847     | ( ML/EPA 200.7 )  | Magnesium, Total, ICAP         | 12.9   | mg/l    | 0.10   | 1        |
| 05/27/99                                               | 05/27/99 | 96849     | ( ML/EPA 200.7 )  | Sodium, Total, ICAP            | 35.0   | mg/l    | 1.0    | 1        |
|                                                        | 05/25/99 | 96794     | ( ML/EPA 300.0 )  | Nitrate-N by IC                | 0.10   | mg/l    | 0.10   | 1        |
| 05/26/99                                               | 05/26/99 | 96833     | ( EPA/ML 200.8 )  | Lead, Total, ICAP/MS           | ND     | ug/l    | 2.0    | 1        |
|                                                        | 05/25/99 | 96724     | ( ML/SM 4500HB)   | Lab pH                         | 8.7    | Units   | 0.0010 | 1        |
|                                                        | 05/25/99 | 96796     | ( ML/EPA 300.0 )  | Sulfate                        | 17.1   | mg/l    | 2.0    | 1        |
|                                                        | 05/27/99 | 96986     | ( ML/SM2540C )    | Total Dissolved Solid (TDS)    | 210    | mg/l    | 10     | 1        |
| <b>Regulated VOCs plus Lists 1&amp;3</b>               |          |           |                   |                                |        |         |        |          |
|                                                        | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | 1,1,1,2-Tetrachloroethane      | ND     | ug/l    | 0.50   | 1        |
|                                                        | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | 1,1,1-Trichloroethane          | ND     | ug/l    | 0.50   | 1        |
|                                                        | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | 1,1,2,2-Tetrachloroethane      | ND     | ug/l    | 0.50   | 1        |
|                                                        | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | 1,1,2-Trichloroethane          | ND     | ug/l    | 0.50   | 1        |
|                                                        | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | 1,1-Dichloroethane             | ND     | ug/l    | 0.50   | 1        |
|                                                        | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | 1,1-Dichloroethylene           | ND     | ug/l    | 0.50   | 1        |
|                                                        | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | 1,1-Dichloropropene            | ND     | ug/l    | 0.50   | 1        |
|                                                        | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | 1,2,3-Trichlorobenzene         | ND     | ug/l    | 0.50   | 1        |
|                                                        | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | 1,2,3-Trichloropropane         | ND     | ug/l    | 0.50   | 1        |
|                                                        | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | 1,2,4-Trichlorobenzene         | ND     | ug/l    | 0.50   | 1        |

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**Laboratory****Report****#54530**Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method            | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|-------------------|---------------------------------|--------|-------|------|----------|
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | 1,2,4-Trimethylbenzene          | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | 1,2-Dichloroethane              | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | 1,2-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | 1,3,5-Trimethylbenzene          | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | 1,3-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | p-Dichlorobenzene (1,4-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | 2,2-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | 2-Butanone (MEK)                | ND     | ug/l  | 5.0  | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | o-Chlorotoluene                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | p-Chlorotoluene                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | 4-Methyl-2-Pentanone (MIBK)     | ND     | ug/l  | 5.0  | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Benzene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Bromobenzene                    | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Bromomethane (Methyl Bromide)   | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | cis-1,2-Dichloroethylene        | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Chlorobenzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Carbon Tetrachloride            | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | cis-1,3-Dichloropropene         | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Bromoform                       | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Chloroform (Trichloromethane)   | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Bromochloromethane              | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Chloroethane                    | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Chloromethane (Methyl Chloride) | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Chlorodibromomethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Dibromomethane                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Bromodichloromethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Dichloromethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Ethyl benzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/E524.2/624 ) | Dichlorodifluoromethane         | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Fluorotrichloromethane-Preon11  | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Hexachlorobutadiene             | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Isopropylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | m-Dichlorobenzene (1,3-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | m,p-Xylenes                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Naphthalene                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | n-Butylbenzene                  | ND     | ug/l  | 0.50 | 1        |

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**Laboratory****Report****#54530**Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method           | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|------------------|---------------------------------|--------|-------|------|----------|
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | n-Propylbenzene                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | o-Xylene                        | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | o-Dichlorobenzene (1,2-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | Tetrachloroethylene (PCE)       | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | p-Isopropyltoluene              | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | sec-Butylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | Styrene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | trans-1,2-Dichloroethylene      | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | tert-Butylbenzene               | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | Trichloroethylene (TCE)         | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | Trichlorotrifluoroethane (Freon | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | trans-1,3-Dichloropropene       | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | Toluene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | Vinyl chloride (VC)             | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )    | None detected                   | ND     |       |      | 1        |
|          |          |           | ( Surrogate )    | 1,2-Dichloroethane-d4           | 112    | % Rec |      |          |
|          |          |           | ( Surrogate )    | 4-Bromofluorobenzene            | 94     | % Rec |      |          |
|          |          |           | ( Surrogate )    | Toluene-d8                      | 98     | % Rec |      |          |

**MW-992-036 (990524253)****Sampled on 05/24/99**

|          |          |       |                   |                                |      |         |        |   |
|----------|----------|-------|-------------------|--------------------------------|------|---------|--------|---|
|          | 06/03/99 | 97351 | ( ML/SM2320B )    | Alkalinity                     | 159  | mg/l    | 2.0    | 1 |
|          | 06/09/99 |       | ( ML/SM1040 )     | Anion Sum                      | 5.60 | meq/l   | 0.0010 | 1 |
| 05/25/99 | 05/27/99 | 96890 | ( S3113B/E200.9 ) | Arsenic, Total, GF             | ND   | mg/l    | 0.005  | 1 |
| 05/27/99 | 05/27/99 | 96843 | ( ML/EPA 200.7 )  | Calcium, Total, ICAP           | 54.2 | mg/l    | 1.0    | 1 |
|          | 06/07/99 |       | ( ML/SM1040 )     | Cation Sum                     | 5.65 | meq/l   | 0.0010 | 1 |
|          | 05/25/99 | 96792 | ( ML/EPA 300 )    | Chloride                       | 37.5 | mg/l    | 1.0    | 1 |
|          | 06/05/99 | 97167 | ( MOD/EPA 300 )   | Perchlorate                    | 9.9  | ug/l    | 4.0    | 1 |
|          | 06/09/99 |       | ( ML/SM2320B )    | Carbonate as CO3, Calculated   | 1.25 | mg/l    | 0.0010 | 1 |
| 05/26/99 | 05/26/99 | 96831 | ( EPA/ML 200.8 )  | Chromium, Total, ICAP/MS       | ND   | ug/l    | 10     | 1 |
|          | 05/24/99 | 96641 | ( ML/SW 7196 )    | Hexavalent chromium (Cr VI)    | ND   | mg/l    | 0.005  | 1 |
|          | 05/27/99 | 96826 | ( ML/S2510B )     | Specific Conductance           | 555  | umho/cm | 4.0    | 1 |
| 05/26/99 | 05/26/99 | 96832 | ( EPA/ML 200.8 )  | Iron, Total, ICAP/MS           | ND   | ug/l    | 100    | 1 |
|          | 06/09/99 |       | ( ML/SM2320B )    | Bicarbonate as HCO3,calculated | 193  | mg/l    | 0.0010 | 1 |
| 05/27/99 | 05/27/99 | 96845 | ( ML/EPA 200.7 )  | Potassium, Total, ICAP         | 2.3  | mg/l    | 1.0    | 1 |
| 05/27/99 | 05/27/99 | 96847 | ( ML/EPA 200.7 )  | Magnesium, Total, ICAP         | 19.6 | mg/l    | 0.10   | 1 |
| 05/27/99 | 05/27/99 | 96849 | ( ML/EPA 200.7 )  | Sodium, Total, ICAP            | 29.2 | mg/l    | 1.0    | 1 |

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**Laboratory****Report****#54530**Foster Wheeler Environmental, Inc  
(continued)

| Prepared                                 | Analyzed | QC Batch# | Method           | Analyte                       | Result | Units | MRL    | Dilution |
|------------------------------------------|----------|-----------|------------------|-------------------------------|--------|-------|--------|----------|
|                                          | 05/25/99 | 96794     | ( ML/EPA 300.0 ) | Nitrate-N by IC               | 10.96  | mg/l  | 0.10   | 1        |
| 05/26/99                                 | 05/26/99 | 96833     | ( EPA/ML 200.8 ) | Lead, Total, ICAP/MS          | ND     | ug/l  | 2.0    | 1        |
|                                          | 05/25/99 | 96724     | ( ML/SM 4500HB)  | Lab pH                        | 8.0    | Units | 0.0010 | 1        |
|                                          | 05/25/99 | 96796     | ( ML/EPA 300.0 ) | Sulfate                       | 28.2   | mg/l  | 2.0    | 1        |
|                                          | 05/27/99 | 96986     | ( ML/SM2540C )   | Total Dissolved Solid (TDS)   | 350    | mg/l  | 10     | 1        |
| <b>Regulated VOCs plus Lists 1&amp;3</b> |          |           |                  |                               |        |       |        |          |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | 1,1,1,2-Tetrachloroethane     | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | 1,1,1-Trichloroethane         | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | 1,1,2,2-Tetrachloroethane     | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | 1,1,2-Trichloroethane         | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | 1,1-Dichloroethane            | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | 1,1-Dichloroethylene          | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | 1,1-Dichloropropene           | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | 1,2,3-Trichlorobenzene        | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | 1,2,3-Trichloropropane        | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | 1,2,4-Trichlorobenzene        | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | 1,2,4-Trimethylbenzene        | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | 1,2-Dichloroethane            | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | 1,2-Dichloropropane           | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | 1,3,5-Trimethylbenzene        | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | 1,3-Dichloropropane           | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | p-Dichlorobenzene (1,4-DCB)   | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | 2,2-Dichloropropane           | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | 2-Butanone (MEK)              | ND     | ug/l  | 5.0    | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | o-Chlorotoluene               | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | p-Chlorotoluene               | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | 4-Methyl-2-Pentanone (MIBK)   | ND     | ug/l  | 5.0    | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | Benzene                       | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | Bromobenzene                  | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | Bromomethane (Methyl Bromide) | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | cis-1,2-Dichloroethylene      | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | Chlorobenzene                 | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | Carbon Tetrachloride          | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | cis-1,3-Dichloropropene       | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | Bromoform                     | ND     | ug/l  | 0.50   | 1        |

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**Laboratory  
 Report  
 #54530**

Foster Wheeler Environmental, Inc  
 (continued)

| Prepared | Analyzed | QC Batch# | Method            | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|-------------------|---------------------------------|--------|-------|------|----------|
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Chloroform (Trichloromethane)   | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Bromochloromethane              | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Chloroethane                    | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Chloromethane (Methyl Chloride) | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Chlorodibromomethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Dibromomethane                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Bromodichloromethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Dichloromethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Ethyl benzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/E524.2/624 ) | Dichlorodifluoromethane         | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Fluorotrichloromethane-Freon11  | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Hexachlorobutadiene             | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Isopropylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | m-Dichlorobenzene (1,3-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | m,p-Xylenes                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Naphthalene                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | n-Butylbenzene                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | n-Propylbenzene                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | o-Xylene                        | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | o-Dichlorobenzene (1,2-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Tetrachloroethylene (PCE)       | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | p-Isopropyltoluene              | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | sec-Butylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Styrene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | trans-1,2-Dichloroethylene      | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | tert-Butylbenzene               | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Trichloroethylene (TCE)         | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Trichlorotrifluoroethane (Freon | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | trans-1,3-Dichloropropene       | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Toluene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Vinyl chloride (VC)             | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )     | None detected                   | ND     |       |      | 1        |
|          |          |           | ( Surrogate )     | 1,2-Dichloroethane-d4           | 103    | % Rec |      |          |
|          |          |           | ( Surrogate )     | 4-Bromofluorobenzene            | 104    | % Rec |      |          |
|          |          |           | ( Surrogate )     | Toluene-d8                      | 99     | % Rec |      |          |



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**Laboratory****Report****#54530**Foster Wheeler Environmental, Inc  
(continued)

| Prepared                                               | Analyzed | QC Batch# | Method            | Analyte                                      | Result | Units   | MRL    | Dilution |
|--------------------------------------------------------|----------|-----------|-------------------|----------------------------------------------|--------|---------|--------|----------|
| <b>MW-992-035 (990524254)      Sampled on 05/24/99</b> |          |           |                   |                                              |        |         |        |          |
|                                                        | 06/03/99 | 97351     | ( ML/SM2320B )    | Alkalinity                                   | 200    | mg/l    | 2.0    | 1        |
|                                                        | 06/09/99 |           | ( ML/SM1040 )     | Anion Sum                                    | 10.2   | meq/l   | 0.0010 | 1        |
| 05/25/99                                               | 05/28/99 | 96890     | ( S3113B/E200.9 ) | Arsenic, Total, GF                           | ND     | mg/l    | 0.005  | 1        |
| 05/27/99                                               | 05/27/99 | 96843     | ( ML/EPA 200.7 )  | Calcium, Total, ICAP                         | 93.5   | mg/l    | 1.0    | 1        |
|                                                        | 06/07/99 |           | ( ML/SM1040 )     | Cation Sum                                   | 9.97   | meq/l   | 0.0010 | 1        |
|                                                        | 05/25/99 | 96792     | ( ML/EPA 300 )    | Chloride                                     | 94.6   | mg/l    | 2.0    | 2        |
|                                                        | 06/05/99 | 97167     | ( MOD/EPA 300 )   | Perchlorate                                  | 7.0    | ug/l    | 4.0    | 1        |
|                                                        | 06/09/99 |           | ( ML/SM2320B )    | Carbonate as CO <sub>3</sub> , Calculated    | 1.58   | mg/l    | 0.0010 | 1        |
| 05/26/99                                               | 05/26/99 | 96831     | ( EPA/ML 200.8 )  | Chromium, Total, ICAP/MS                     | ND     | ug/l    | 10     | 1        |
|                                                        | 05/24/99 | 96641     | ( ML/SW 7196 )    | Hexavalent chromium (Cr VI)                  | ND     | mg/l    | 0.005  | 1        |
|                                                        | 05/27/99 | 96826     | ( ML/S2510B )     | Specific Conductance                         | 960    | umho/cm | 4.0    | 1        |
| 05/26/99                                               | 05/26/99 | 96832     | ( EPA/ML 200.8 )  | Iron, Total, ICAP/MS                         | ND     | ug/l    | 100    | 1        |
|                                                        | 06/09/99 |           | ( ML/SM2320B )    | Bicarbonate as HCO <sub>3</sub> , calculated | 243    | mg/l    | 0.0010 | 1        |
| 05/27/99                                               | 05/27/99 | 96845     | ( ML/EPA 200.7 )  | Potassium, Total, ICAP                       | 3.2    | mg/l    | 1.0    | 1        |
| 05/27/99                                               | 05/27/99 | 96847     | ( ML/EPA 200.7 )  | Magnesium, Total, ICAP                       | 42.9   | mg/l    | 0.10   | 1        |
| 05/27/99                                               | 05/27/99 | 96849     | ( ML/EPA 200.7 )  | Sodium, Total, ICAP                          | 38.8   | mg/l    | 1.0    | 1        |
|                                                        | 05/25/99 | 96794     | ( ML/EPA 300.0 )  | Nitrate-N by IC                              | 13.8   | mg/l    | 0.20   | 2        |
| 05/26/99                                               | 05/26/99 | 96833     | ( EPA/ML 200.8 )  | Lead, Total, ICAP/MS                         | ND     | ug/l    | 2.0    | 1        |
|                                                        | 05/25/99 | 96724     | ( ML/SM 4500HB )  | Lab pH                                       | 8.0    | Units   | 0.0010 | 1        |
|                                                        | 05/25/99 | 96796     | ( ML/EPA 300.0 )  | Sulfate                                      | 122    | mg/l    | 4.0    | 2        |
|                                                        | 05/27/99 | 96986     | ( ML/SM2540C )    | Total Dissolved Solid (TDS)                  | 630    | mg/l    | 10     | 1        |

**Regulated VOCs plus Lists 1&3**

|          |       |                  |                           |    |      |      |   |
|----------|-------|------------------|---------------------------|----|------|------|---|
| 05/26/99 | 96997 | ( ML/EPA 524.2 ) | 1,1,1,2-Tetrachloroethane | ND | ug/l | 0.50 | 1 |
| 05/26/99 | 96997 | ( ML/EPA 524.2 ) | 1,1,1-Trichloroethane     | ND | ug/l | 0.50 | 1 |
| 05/26/99 | 96997 | ( ML/EPA 524.2 ) | 1,1,2,2-Tetrachloroethane | ND | ug/l | 0.50 | 1 |
| 05/26/99 | 96997 | ( ML/EPA 524.2 ) | 1,1,2-Trichloroethane     | ND | ug/l | 0.50 | 1 |
| 05/26/99 | 96997 | ( ML/EPA 524.2 ) | 1,1-Dichloroethane        | ND | ug/l | 0.50 | 1 |
| 05/26/99 | 96997 | ( ML/EPA 524.2 ) | 1,1-Dichloroethylene      | ND | ug/l | 0.50 | 1 |
| 05/26/99 | 96997 | ( ML/EPA 524.2 ) | 1,1-Dichloropropene       | ND | ug/l | 0.50 | 1 |
| 05/26/99 | 96997 | ( ML/EPA 524.2 ) | 1,2,3-Trichlorobenzene    | ND | ug/l | 0.50 | 1 |
| 05/26/99 | 96997 | ( ML/EPA 524.2 ) | 1,2,3-Trichloropropane    | ND | ug/l | 0.50 | 1 |
| 05/26/99 | 96997 | ( ML/EPA 524.2 ) | 1,2,4-Trichlorobenzene    | ND | ug/l | 0.50 | 1 |
| 05/26/99 | 96997 | ( ML/EPA 524.2 ) | 1,2,4-Trimethylbenzene    | ND | ug/l | 0.50 | 1 |

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**Laboratory  
Report  
#54530**

Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method            | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|-------------------|---------------------------------|--------|-------|------|----------|
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | 1,2-Dichloroethane              | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | 1,2-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | 1,3,5-Trimethylbenzene          | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | 1,3-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | p-Dichlorobenzene (1,4-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | 2,2-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | 2-Butanone (MEK)                | ND     | ug/l  | 5.0  | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | o-Chlorotoluene                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | p-Chlorotoluene                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | 4-Methyl-2-Pentanone (MIBK)     | ND     | ug/l  | 5.0  | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Benzene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Bromobenzene                    | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Bromomethane (Methyl Bromide)   | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | cis-1,2-Dichloroethylene        | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Chlorobenzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Carbon Tetrachloride            | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | cis-1,3-Dichloropropene         | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Bromoform                       | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Chloroform (Trichloromethane)   | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Bromochloromethane              | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Chloroethane                    | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Chloromethane (Methyl Chloride) | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Chlorodibromomethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Dibromomethane                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Bromodichloromethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Dichloromethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Ethyl benzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/E524.2/624 ) | Dichlorodifluoromethane         | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Fluorotrichloromethane-Freon11  | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Hexachlorobutadiene             | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Isopropylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | m-Dichlorobenzene (1,3-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | m,p-Xylenes                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Naphthalene                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | n-Butylbenzene                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | n-Propylbenzene                 | ND     | ug/l  | 0.50 | 1        |

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**Laboratory****Report****#54530**Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method           | Analyte                          | Result | Units | MRL  | Dilution |
|----------|----------|-----------|------------------|----------------------------------|--------|-------|------|----------|
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | o-Xylene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | o-Dichlorobenzene (1,2-DCB)      | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | Tetrachloroethylene (PCE)        | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | p-Isopropyltoluene               | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | sec-Butylbenzene                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | Styrene                          | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | trans-1,2-Dichloroethylene       | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | tert-Butylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | Trichloroethylene (TCE)          | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | Trichlorotrifluoroethane (Freon) | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | trans-1,3-Dichloropropene        | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | Toluene                          | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | Vinyl chloride (VC)              | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )    | None detected                    | ND     |       |      | 1        |
|          |          |           | ( Surrogate )    | 1,2-Dichloroethane-d4            | 111    | % Rec |      |          |
|          |          |           | ( Surrogate )    | 4-Bromofluorobenzene             | 97     | % Rec |      |          |
|          |          |           | ( Surrogate )    | Toluene-d8                       | 98     | % Rec |      |          |

**MW-992-034 (990524255) Sampled on 05/24/99**

|          |          |       |                   |                                |       |         |        |   |
|----------|----------|-------|-------------------|--------------------------------|-------|---------|--------|---|
|          | 06/03/99 | 97351 | ( ML/SM2320B )    | Alkalinity                     | 238   | mg/l    | 2.0    | 1 |
|          | 06/09/99 |       | ( ML/SM1040 )     | Anion Sum                      | 13.2  | meq/l   | 0.0010 | 1 |
| 05/25/99 | 05/27/99 | 96890 | ( S3113B/E200.9 ) | Arsenic, Total, GF             | ND    | mg/l    | 0.005  | 1 |
| 05/27/99 | 05/27/99 | 96843 | ( ML/EPA 200.7 )  | Calcium, Total, ICAP           | 144   | mg/l    | 1.0    | 1 |
|          | 06/07/99 |       | ( ML/SM1040 )     | Cation Sum                     | 13.1  | meq/l   | 0.0010 | 1 |
|          | 05/25/99 | 96792 | ( ML/EPA 300 )    | Chloride                       | 116   | mg/l    | 2.0    | 2 |
|          | 06/05/99 | 97167 | ( MOD/EPA 300 )   | Perchlorate                    | 9.6   | ug/l    | 4.0    | 1 |
|          | 06/09/99 |       | ( ML/SM2320B )    | Carbonate as CO3, Calculated   | 0.299 | mg/l    | 0.0010 | 1 |
| 05/26/99 | 05/26/99 | 96831 | ( EPA/ML 200.8 )  | Chromium, Total, ICAP/MS       | ND    | ug/l    | 10     | 1 |
|          | 05/24/99 | 96641 | ( ML/SW 7196 )    | Hexavalent chromium (Cr VI)    | ND    | mg/l    | 0.005  | 1 |
|          | 05/27/99 | 96826 | ( ML/S2510B )     | Specific Conductance           | 1210  | umho/cm | 4.0    | 1 |
| 05/26/99 | 05/26/99 | 96832 | ( EPA/ML 200.8 )  | Iron, Total, ICAP/MS           | 600   | ug/l    | 100    | 1 |
|          | 06/09/99 |       | ( ML/SM2320B )    | Bicarbonate as HCO3,calculated | 290   | mg/l    | 0.0010 | 1 |
| 05/27/99 | 05/27/99 | 96845 | ( ML/EPA 200.7 )  | Potassium, Total, ICAP         | 2.6   | mg/l    | 1.0    | 1 |
| 05/27/99 | 05/27/99 | 96847 | ( ML/EPA 200.7 )  | Magnesium, Total, ICAP         | 52.2  | mg/l    | 0.10   | 1 |
| 05/27/99 | 05/27/99 | 96849 | ( ML/EPA 200.7 )  | Sodium, Total, ICAP            | 34.6  | mg/l    | 1.0    | 1 |
|          | 05/25/99 | 96794 | ( ML/EPA 300.0 )  | Nitrate-N by IC                | 16.7  | mg/l    | 0.20   | 2 |

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**Laboratory  
Report  
#54530**Foster Wheeler Environmental, Inc  
(continued)

| Prepared                                 | Analyzed | QC Batch# | Method           | Analyte                       | Result | Units | MRL    | Dilution |
|------------------------------------------|----------|-----------|------------------|-------------------------------|--------|-------|--------|----------|
| 05/26/99                                 | 05/26/99 | 96833     | ( EPA/ML 200.8 ) | Lead, Total, ICAP/MS          | ND     | ug/l  | 2.0    | 1        |
|                                          | 05/25/99 | 96724     | ( ML/SM 4500HB ) | Lab pH                        | 7.2    | Units | 0.0010 | 1        |
|                                          | 05/25/99 | 96796     | ( ML/EPA 300.0 ) | Sulfate                       | 192    | mg/l  | 4.0    | 2        |
|                                          | 05/27/99 | 96986     | ( ML/SM2540C )   | Total Dissolved Solid (TDS)   | 800    | mg/l  | 10     | 1        |
| <b>Regulated VOCs plus Lists 1&amp;3</b> |          |           |                  |                               |        |       |        |          |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | 1,1,1,2-Tetrachloroethane     | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | 1,1,1-Trichloroethane         | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | 1,1,2,2-Tetrachloroethane     | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | 1,1,2-Trichloroethane         | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | 1,1-Dichloroethane            | 0.8    | ug/l  | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | 1,1-Dichloroethylene          | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | 1,1-Dichloropropene           | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | 1,2,3-Trichlorobenzene        | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | 1,2,3-Trichloropropane        | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | 1,2,4-Trichlorobenzene        | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | 1,2,4-Trimethylbenzene        | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | 1,2-Dichloroethane            | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | 1,2-Dichloropropane           | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | 1,3,5-Trimethylbenzene        | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | 1,3-Dichloropropane           | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | p-Dichlorobenzene (1,4-DCB)   | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | 2,2-Dichloropropane           | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | 2-Butanone (MEK)              | ND     | ug/l  | 5.0    | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | o-Chlorotoluene               | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | p-Chlorotoluene               | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | 4-Methyl-2-Pentanone (MIBK)   | ND     | ug/l  | 5.0    | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | Benzene                       | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | Bromobenzene                  | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | Bromomethane (Methyl Bromide) | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | cis-1,2-Dichloroethylene      | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | Chlorobenzene                 | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | Carbon Tetrachloride          | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | cis-1,3-Dichloropropene       | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | Bromoform                     | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | Chloroform (Trichloromethane) | 0.6    | ug/l  | 0.50   | 1        |

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**Laboratory****Report****#54530**Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method            | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|-------------------|---------------------------------|--------|-------|------|----------|
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Bromochloromethane              | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Chloroethane                    | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Chloromethane (Methyl Chloride) | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Chlorodibromomethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Dibromomethane                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Bromodichloromethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Dichloromethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Ethyl benzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/E524.2/624 ) | Dichlorodifluoromethane         | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Fluorotrichloromethane-Freon11  | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Hexachlorobutadiene             | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Isopropylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | m-Dichlorobenzene (1,3-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | m,p-Xylenes                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Naphthalene                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | n-Butylbenzene                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | n-Propylbenzene                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | o-Xylene                        | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | o-Dichlorobenzene (1,2-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Tetrachloroethylene (PCE)       | 1.2    | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | p-Isopropyltoluene              | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | sec-Butylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Styrene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | trans-1,2-Dichloroethylene      | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | tert-Butylbenzene               | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Trichloroethylene (TCE)         | 1.0    | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Trichlorotrifluoroethane (Freon | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | trans-1,3-Dichloropropene       | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Toluene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Vinyl chloride (VC)             | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )     | None detected                   | ND     |       |      | 1        |
|          |          |           | ( Surrogate )     | 1,2-Dichloroethane-d4           | 104    | % Rec |      |          |
|          |          |           | ( Surrogate )     | 4-Bromofluorobenzene            | 100    | % Rec |      |          |
|          |          |           | ( Surrogate )     | Toluene-d8                      | 98     | % Rec |      |          |

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**Laboratory****Report****#54530**Foster Wheeler Environmental, Inc  
(continued)

| Prepared                                 | Analyzed | QC Batch# | Method            | Analyte                                     | Result                     | Units   | MRL    | Dilution |
|------------------------------------------|----------|-----------|-------------------|---------------------------------------------|----------------------------|---------|--------|----------|
| <b>MW-992-033 (990524256)</b>            |          |           |                   |                                             | <b>Sampled on 05/24/99</b> |         |        |          |
|                                          | 06/03/99 | 97351     | ( ML/SM2320B )    | Alkalinity                                  | 203                        | mg/l    | 2.0    | 1        |
|                                          | 06/09/99 |           | ( ML/SM1040 )     | Anion Sum                                   | 13.7                       | meq/l   | 0.0010 | 1        |
| 05/25/99                                 | 05/27/99 | 96890     | ( S3113B/E200.9 ) | Arsenic, Total, GF                          | ND                         | mg/l    | 0.005  | 1        |
| 05/27/99                                 | 05/27/99 | 96843     | ( ML/EPA 200.7 )  | Calcium, Total, ICAP                        | 141                        | mg/l    | 1.0    | 1        |
|                                          | 06/07/99 |           | ( ML/SM1040 )     | Cation Sum                                  | 13.1                       | meq/l   | 0.0010 | 1        |
|                                          | 05/25/99 | 96792     | ( ML/EPA 300 )    | Chloride                                    | 133                        | mg/l    | 2.0    | 2        |
|                                          | 06/15/99 | 97643     | ( MOD/EPA 300 )   | Perchlorate                                 | ND                         | ug/l    | 4.0    | 1        |
|                                          | 06/09/99 |           | ( ML/SM2320B )    | Carbonate as CO <sub>3</sub> , Calculated   | 0.203                      | mg/l    | 0.0010 | 1        |
| 05/26/99                                 | 05/26/99 | 96831     | ( EPA/ML 200.8 )  | Chromium, Total, ICAP/MS                    | ND                         | ug/l    | 10     | 1        |
|                                          | 05/24/99 | 96641     | ( ML/SW 7196 )    | Hexavalent chromium (Cr VI)                 | ND                         | mg/l    | 0.005  | 1        |
|                                          | 05/27/99 | 96826     | ( ML/S2510B )     | Specific Conductance                        | 1270                       | umho/cm | 4.0    | 1        |
| 05/26/99                                 | 05/26/99 | 96832     | ( EPA/ML 200.8 )  | Iron, Total, ICAP/MS                        | 590                        | ug/l    | 100    | 1        |
|                                          | 06/09/99 |           | ( ML/SM2320B )    | Bicarbonate as HCO <sub>3</sub> ,calculated | 248                        | mg/l    | 0.0010 | 1        |
| 05/27/99                                 | 05/27/99 | 96845     | ( ML/EPA 200.7 )  | Potassium, Total, ICAP                      | 2.8                        | mg/l    | 1.0    | 1        |
| 05/27/99                                 | 05/27/99 | 96847     | ( ML/EPA 200.7 )  | Magnesium, Total, ICAP                      | 49.4                       | mg/l    | 0.10   | 1        |
| 05/27/99                                 | 05/27/99 | 96849     | ( ML/EPA 200.7 )  | Sodium, Total, ICAP                         | 43.8                       | mg/l    | 1.0    | 1        |
|                                          | 05/25/99 | 96794     | ( ML/EPA 300.0 )  | Nitrate-N by IC                             | 18.7                       | mg/l    | 0.20   | 2        |
| 05/26/99                                 | 05/26/99 | 96833     | ( EPA/ML 200.8 )  | Lead, Total, ICAP/MS                        | ND                         | ug/l    | 2.0    | 1        |
|                                          | 05/25/99 | 96724     | ( ML/SM 4500HB)   | Lab pH                                      | 7.1                        | Units   | 0.0010 | 1        |
|                                          | 05/25/99 | 96796     | ( ML/EPA 300.0 )  | Sulfate                                     | 217                        | mg/l    | 4.0    | 2        |
|                                          | 05/27/99 | 96986     | ( ML/SM2540C )    | Total Dissolved Solid (TDS)                 | 830                        | mg/l    | 10     | 1        |
| <b>Regulated VOCs plus Lists 1&amp;3</b> |          |           |                   |                                             |                            |         |        |          |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | 1,1,1,2-Tetrachloroethane                   | ND                         | ug/l    | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | 1,1,1-Trichloroethane                       | ND                         | ug/l    | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | 1,1,2,2-Tetrachloroethane                   | ND                         | ug/l    | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | 1,1,2-Trichloroethane                       | ND                         | ug/l    | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | 1,1-Dichloroethane                          | 2.6                        | ug/l    | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | 1,1-Dichloroethylene                        | ND                         | ug/l    | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | 1,1-Dichloropropene                         | ND                         | ug/l    | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | 1,2,3-Trichlorobenzene                      | ND                         | ug/l    | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | 1,2,3-Trichloropropane                      | ND                         | ug/l    | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | 1,2,4-Trichlorobenzene                      | ND                         | ug/l    | 0.50   | 1        |
|                                          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | 1,2,4-Trimethylbenzene                      | ND                         | ug/l    | 0.50   | 1        |

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**Laboratory  
Report  
#54530**Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method            | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|-------------------|---------------------------------|--------|-------|------|----------|
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | 1,2-Dichloroethane              | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | 1,2-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | 1,3,5-Trimethylbenzene          | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | 1,3-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | p-Dichlorobenzene (1,4-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | 2,2-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | 2-Butanone (MEK)                | ND     | ug/l  | 5.0  | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | o-Chlorotoluene                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | p-Chlorotoluene                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | 4-Methyl-2-Pentanone (MIBK)     | ND     | ug/l  | 5.0  | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Benzene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Bromobenzene                    | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Bromomethane (Methyl Bromide)   | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | cis-1,2-Dichloroethylene        | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Chlorobenzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Carbon Tetrachloride            | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | cis-1,3-Dichloropropene         | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Bromoform                       | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Chloroform (Trichloromethane)   | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Bromochloromethane              | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Chloroethane                    | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Chloromethane (Methyl Chloride) | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Chlorodibromomethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Dibromomethane                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Bromodichloromethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Dichloromethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Ethyl benzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/E524.2/624 ) | Dichlorodifluoromethane         | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Fluorotrichloromethane-Freon11  | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Hexachlorobutadiene             | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Isopropylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | m-Dichlorobenzene (1,3-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | m,p-Xylenes                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | Naphthalene                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | n-Butylbenzene                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 )  | n-Propylbenzene                 | ND     | ug/l  | 0.50 | 1        |

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**Laboratory****Report****#54530**Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method           | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|------------------|---------------------------------|--------|-------|------|----------|
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | o-Xylene                        | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | o-Dichlorobenzene (1,2-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | Tetrachloroethylene (PCE)       | 0.5    | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | p-Isopropyltoluene              | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | sec-Butylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | Styrene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | trans-1,2-Dichloroethylene      | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | tert-Butylbenzene               | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | Trichloroethylene (TCE)         | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | Trichlorotrifluoroethane (Freon | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | trans-1,3-Dichloropropene       | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | Toluene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/26/99 | 96997     | ( ML/EPA 524.2 ) | Vinyl chloride (VC)             | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )    | None detected                   | ND     |       |      | 1        |
|          |          |           | ( Surrogate )    | 1,2-Dichloroethane-d4           | 106    | % Rec |      |          |
|          |          |           | ( Surrogate )    | 4-Bromofluorobenzene            | 106    | % Rec |      |          |
|          |          |           | ( Surrogate )    | Toluene-d8                      | 102    | % Rec |      |          |



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Laboratory

QC Report

#54530

Foster Wheeler Environmental, Inc

**QC Batch #96641****Hexavalent chromium (Cr VI)**

| QC   | Analyte                     | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|-----------------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample               | Lab # 99 | 0524255   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Hexavalent chromium (Cr VI) | 0.050    | 0.049     | 98.0      | ( 78.00 - 118.00 ) |         |
| LCS2 | Hexavalent chromium (Cr VI) | 0.050    | 0.050     | 100.0     | ( 78.00 - 118.00 ) | 2.0     |
| MBLK | Hexavalent chromium (Cr VI) | ND       |           |           |                    |         |
| MS   | Hexavalent chromium (Cr VI) | 0.050    | 0.049     | 98.0      | ( 80.00 - 120.00 ) |         |
| MSD  | Hexavalent chromium (Cr VI) | 0.050    | 0.049     | 98.0      | ( 80.00 - 120.00 ) | 0.00    |

**QC Batch #96724****Lab pH**

| QC  | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)      | RPD (%) |
|-----|---------------|----------|-----------|-----------|-----------------|---------|
| DUP | Spiked sample | Lab # 99 | 0524256   |           | ( 0.00 - 0.00 ) |         |

**QC Batch #96792****Chloride**

| QC   | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|---------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample | Lab # 99 | 0524256   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Chloride      | 25       | 26.0      | 104.0     | ( 90.00 - 110.00 ) |         |
| LCS2 | Chloride      | 25       | 25.1      | 100.4     | ( 90.00 - 110.00 ) | 3.5     |
| MBLK | Chloride      | ND       |           |           |                    |         |
| MS   | Chloride      | 25       | 23.9      | 95.6      | ( 80.00 - 120.00 ) |         |
| MSD  | Chloride      | 25       | 24.0      | 96.0      | ( 80.00 - 120.00 ) | 0.42    |

**QC Batch #96794****Nitrate-N by IC**

| QC   | Analyte         | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|-----------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample   | Lab # 99 | 0525228   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Nitrate-N by IC | 2.5      | 2.57      | 102.8     | ( 90.00 - 110.00 ) |         |
| LCS2 | Nitrate-N by IC | 2.5      | 2.53      | 101.2     | ( 90.00 - 110.00 ) | 1.6     |
| MBLK | Nitrate-N by IC | ND       |           |           |                    |         |
| MS   | Nitrate-N by IC | 2.5      | 2.35      | 94.0      | ( 80.00 - 120.00 ) |         |
| MSD  | Nitrate-N by IC | 2.5      | 2.33      | 93.2      | ( 80.00 - 120.00 ) | 0.85    |

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.

Criteria for MS and DUP are advisory only and not applicable for ICR monitoring.

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**Laboratory****QC Report****#54530**Foster Wheeler Environmental, Inc  
(continued)**QC Batch #96796****Sulfate**

| QC   | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|---------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample | Lab # 99 | 0524256   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Sulfate       | 50       | 52.3      | 104.6     | ( 90.00 - 110.00 ) |         |
| LCS2 | Sulfate       | 50       | 50.4      | 100.8     | ( 90.00 - 110.00 ) | 3.7     |
| MBLK | Sulfate       | ND       |           |           |                    |         |
| MS   | Sulfate       | 50       | 51.9      | 103.8     | ( 80.00 - 120.00 ) |         |
| MSD  | Sulfate       | 50       | 51.8      | 103.6     | ( 80.00 - 120.00 ) | 0.19    |

**QC Batch #96826****Specific Conductance**

| QC  | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)      | RPD (%) |
|-----|---------------|----------|-----------|-----------|-----------------|---------|
| DUP | Spiked sample | lab # 99 | 0525255   |           | ( 0.00 - 0.00 ) |         |

**QC Batch #96831****Chromium, Total, ICAP/MS**

| QC   | Analyte                  | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|--------------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample            | Lab # 99 | 0519080   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Chromium, Total, ICAP/MS | 100      | 98        | 98.0      | ( 85.00 - 115.00 ) |         |
| LCS2 | Chromium, Total, ICAP/MS | 100      | 97        | 97.0      | ( 85.00 - 115.00 ) | 1.0     |
| MBLK | Chromium, Total, ICAP/MS | ND       |           |           |                    |         |
| MS   | Chromium, Total, ICAP/MS | 100      | 99        | 99.0      | ( 70.00 - 130.00 ) |         |
| MSD  | Chromium, Total, ICAP/MS | 100      | 101       | 101.0     | ( 70.00 - 130.00 ) | 2.0     |

**QC Batch #96832****Iron, Total, ICAP/MS**

| QC   | Analyte              | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|----------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample        | Lab # 99 | 0519080   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Iron, Total, ICAP/MS | 500      | 520       | 104.0     | ( 85.00 - 115.00 ) |         |
| LCS2 | Iron, Total, ICAP/MS | 500      | 540       | 108.0     | ( 85.00 - 115.00 ) | 3.8     |
| MBLK | Iron, Total, ICAP/MS | ND       |           |           |                    |         |

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QC Report

#54530

Foster Wheeler Environmental, Inc  
(continued)

|     |                      |     |     |       |                    |     |
|-----|----------------------|-----|-----|-------|--------------------|-----|
| MS  | Iron, Total, ICAP/MS | 500 | 500 | 100.0 | ( 70.00 - 130.00 ) |     |
| MSD | Iron, Total, ICAP/MS | 500 | 490 | 98.0  | ( 70.00 - 130.00 ) | 2.0 |

**QC Batch #96833****Lead, Total, ICAP/MS**

| QC   | Analyte              | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|----------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample        | Lab # 99 | 0519080   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Lead, Total, ICAP/MS | 20.0     | 19.9      | 99.5      | ( 85.00 - 115.00 ) |         |
| LCS2 | Lead, Total, ICAP/MS | 20.0     | 20.0      | 100.0     | ( 85.00 - 115.00 ) | 0.50    |
| MBLK | Lead, Total, ICAP/MS | ND       |           |           |                    |         |
| MS   | Lead, Total, ICAP/MS | 20.0     | 22.2      | 111.0     | ( 70.00 - 130.00 ) |         |
| MSD  | Lead, Total, ICAP/MS | 20.0     | 22.9      | 114.5     | ( 70.00 - 130.00 ) | 3.1     |

**QC Batch #96843****Calcium, Total, ICAP**

| QC   | Analyte              | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|----------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample        | Lab # 99 | 0520157   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Calcium, Total, ICAP | 50       | 51.0      | 102.0     | ( 85.00 - 115.00 ) |         |
| LCS2 | Calcium, Total, ICAP | 50       | 51.9      | 103.8     | ( 85.00 - 115.00 ) | 1.7     |
| MBLK | Calcium, Total, ICAP | ND       |           |           |                    |         |
| MS   | Calcium, Total, ICAP | 50       | 53.2      | 106.4     | ( 70.00 - 130.00 ) |         |
| MSD  | Calcium, Total, ICAP | 50       | 51.1      | 102.2     | ( 70.00 - 130.00 ) | 4.0     |

**QC Batch #96845****Potassium, Total, ICAP**

| QC   | Analyte                | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|------------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample          | Lab # 99 | 0520157   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Potassium, Total, ICAP | 20       | 20.2      | 101.0     | ( 80.00 - 110.00 ) |         |
| LCS2 | Potassium, Total, ICAP | 20       | 20.6      | 103.0     | ( 80.00 - 110.00 ) | 2.0     |
| MBLK | Potassium, Total, ICAP | ND       |           |           |                    |         |
| MS   | Potassium, Total, ICAP | 20       | 20.9      | 104.5     | ( 80.00 - 120.00 ) |         |
| MSD  | Potassium, Total, ICAP | 20       | 20.2      | 101.0     | ( 80.00 - 120.00 ) | 3.4     |

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QC Report

#54530

Foster Wheeler Environmental, Inc  
(continued)**QC Batch #96847****Magnesium, Total, ICAP**

| QC   | Analyte                | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|------------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample          | Lab # 99 | 0520157   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Magnesium, Total, ICAP | 20       | 20.8      | 104.0     | ( 85.00 - 115.00 ) |         |
| LCS2 | Magnesium, Total, ICAP | 20       | 21.2      | 106.0     | ( 85.00 - 115.00 ) | 1.9     |
| MBLK | Magnesium, Total, ICAP | ND       |           |           |                    |         |
| MS   | Magnesium, Total, ICAP | 20       | 22.3      | 111.5     | ( 70.00 - 130.00 ) |         |
| MSD  | Magnesium, Total, ICAP | 20       | 21.4      | 107.0     | ( 70.00 - 130.00 ) | 4.1     |

**QC Batch #96849****Sodium, Total, ICAP**

| QC   | Analyte             | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|---------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample       | Lab # 99 | 0520157   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Sodium, Total, ICAP | 50       | 51.0      | 102.0     | ( 85.00 - 115.00 ) |         |
| LCS2 | Sodium, Total, ICAP | 50       | 52.1      | 104.2     | ( 85.00 - 115.00 ) | 2.1     |
| MBLK | Sodium, Total, ICAP | ND       |           |           |                    |         |
| MS   | Sodium, Total, ICAP | 50       | 47.3      | 94.6      | ( 70.00 - 130.00 ) |         |
| MSD  | Sodium, Total, ICAP | 50       | 44.5      | 89.0      | ( 70.00 - 130.00 ) | 6.1     |

**QC Batch #96890****Arsenic, Total, GF**

| QC   | Analyte            | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|--------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample      | Lab # 99 | 0519080   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Arsenic, Total, GF | 0.020    | 0.0205    | 102.5     | ( 85.00 - 115.00 ) |         |
| LCS2 | Arsenic, Total, GF | 0.020    | 0.0199    | 99.5      | ( 85.00 - 115.00 ) | 3.0     |
| MBLK | Arsenic, Total, GF | ND       |           |           |                    |         |
| MS   | Arsenic, Total, GF | 0.020    | 0.0215    | 107.5     | ( 70.00 - 130.00 ) |         |
| MSD  | Arsenic, Total, GF | 0.020    | 0.0217    | 108.5     | ( 70.00 - 130.00 ) | 0.93    |

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QC Report

#54530

Foster Wheeler Environmental, Inc  
(continued)**QC Batch #96986****Total Dissolved Solid (TDS)**

| QC   | Analyte                     | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|-----------------------------|----------|-----------|-----------|--------------------|---------|
| DUP  | Spiked sample               | Lab # 99 | 0520161   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Total Dissolved Solid (TDS) | 175      | 176       | 100.6     | ( 85.00 - 115.00 ) |         |
| LCS2 | Total Dissolved Solid (TDS) | 700      | 678       | 96.9      | ( 85.00 - 115.00 ) |         |
| MBLK | Total Dissolved Solid (TDS) | ND       |           |           |                    |         |

**QC Batch #96997****Regulated VOCs plus Lists 1&3**

| QC   | Analyte                   | Spiked | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|---------------------------|--------|-----------|-----------|--------------------|---------|
| MBLK | 1,1,1,2-Tetrachloroethane | ND     |           |           |                    |         |
| LCS1 | 1,1,1-Trichloroethane     | 4      | 4.03      | 100.8     | ( 70.00 - 130.00 ) |         |
| MBLK | 1,1,1-Trichloroethane     | ND     |           |           |                    |         |
| LCS1 | 1,1,2,2-Tetrachloroethane | 4      | 4.29      | 107.2     | ( 70.00 - 130.00 ) |         |
| MBLK | 1,1,2,2-Tetrachloroethane | ND     |           |           |                    |         |
| LCS1 | 1,1,2-Trichloroethane     | 4      | 4.39      | 109.7     | ( 70.00 - 130.00 ) |         |
| MBLK | 1,1,2-Trichloroethane     | ND     |           |           |                    |         |
| LCS1 | 1,1-Dichloroethane        | 4      | 4.58      | 114.5     | ( 70.00 - 130.00 ) |         |
| MBLK | 1,1-Dichloroethane        | ND     |           |           |                    |         |
| LCS1 | 1,1-Dichloroethylene      | 4      | 3.78      | 94.5      | ( 70.00 - 130.00 ) |         |
| MBLK | 1,1-Dichloroethylene      | ND     |           |           |                    |         |
| MS   | 1,1-Dichloroethylene      | 4      | 3.73      | 93.2      | ( 70.00 - 130.00 ) |         |
| MSD  | 1,1-Dichloroethylene      | 4      | 3.43      | 85.8      | ( 70.00 - 130.00 ) | 8.4     |
| MBLK | 1,1-Dichloropropene       | ND     |           |           |                    |         |
| MBLK | 1,2,3-Trichlorobenzene    | ND     |           |           |                    |         |
| MBLK | 1,2,3-Trichloropropane    | ND     |           |           |                    |         |
| LCS1 | 1,2,4-Trichlorobenzene    | 4      | 4.19      | 104.8     | ( 70.00 - 130.00 ) |         |
| MBLK | 1,2,4-Trichlorobenzene    | ND     |           |           |                    |         |
| MBLK | 1,2,4-Trimethylbenzene    | ND     |           |           |                    |         |
| LCS1 | 1,2-Dichloroethane        | 4      | 4.17      | 104.2     | ( 70.00 - 130.00 ) |         |
| MBLK | 1,2-Dichloroethane        | ND     |           |           |                    |         |
| LCS1 | 1,2-Dichloropropane       | 4      | 4.12      | 103.0     | ( 70.00 - 130.00 ) |         |
| MBLK | 1,2-Dichloropropane       | ND     |           |           |                    |         |

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**Laboratory****QC Report****#54530**Foster Wheeler Environmental, Inc  
(continued)

|      |                                 |          |         |       |                    |      |
|------|---------------------------------|----------|---------|-------|--------------------|------|
| MBLK | 1,3,5-Trimethylbenzene          | ND       |         |       |                    |      |
| LCS1 | 1,3-Dichloropropane             | 8        | 8.04    | 100.5 | ( 70.00 - 130.00 ) |      |
| MBLK | 1,3-Dichloropropane             | ND       |         |       |                    |      |
| LCS1 | p-Dichlorobenzene (1,4-DCB)     | 4        | 4.19    | 104.8 | ( 70.00 - 130.00 ) |      |
| MBLK | p-Dichlorobenzene (1,4-DCB)     | ND       |         |       |                    |      |
| MBLK | 2,2-Dichloropropane             | ND       |         |       |                    |      |
| MBLK | 2-Butanone (MEK)                | ND       |         |       |                    |      |
| MBLK | 2-Chloroethylvinylether         | ND       |         |       |                    |      |
| MBLK | o-Chlorotoluene                 | ND       |         |       |                    |      |
| MBLK | p-Chlorotoluene                 | ND       |         |       |                    |      |
| MBLK | 4-Methyl-2-Pentanone (MIBK)     | ND       |         |       |                    |      |
| MS   | Spiked sample                   | Lab # 99 | 0524254 |       | ( 0.00 - 0.00 )    |      |
| LCS1 | Benzene                         | 4        | 4.01    | 100.2 | ( 70.00 - 130.00 ) |      |
| MBLK | Benzene                         | ND       |         |       |                    |      |
| MS   | Benzene                         | 4        | 4.12    | 103.0 | ( 70.00 - 130.00 ) |      |
| MSD  | Benzene                         | 4        | 4.20    | 105.0 | ( 70.00 - 130.00 ) | 1.9  |
| MBLK | Bromobenzene                    | ND       |         |       |                    |      |
| MBLK | Bromomethane (Methyl Bromide)   | ND       |         |       |                    |      |
| LCS1 | cis-1,2-Dichloroethylene        | 4        | 4.17    | 104.2 | ( 70.00 - 130.00 ) |      |
| MBLK | cis-1,2-Dichloroethylene        | ND       |         |       |                    |      |
| LCS1 | Chlorobenzene                   | 4        | 4.18    | 104.5 | ( 70.00 - 130.00 ) |      |
| MBLK | Chlorobenzene                   | ND       |         |       |                    |      |
| MS   | Chlorobenzene                   | 4        | 4.25    | 106.2 | ( 70.00 - 130.00 ) |      |
| MSD  | Chlorobenzene                   | 4        | 4.21    | 105.2 | ( 70.00 - 130.00 ) | 0.95 |
| LCS1 | Carbon Tetrachloride            | 4        | 4.01    | 100.2 | ( 70.00 - 130.00 ) |      |
| MBLK | Carbon Tetrachloride            | ND       |         |       |                    |      |
| MBLK | cis-1,3-Dichloropropene         | ND       |         |       |                    |      |
| LCS1 | Bromoform                       | 4        | 3.98    | 99.5  | ( 70.00 - 130.00 ) |      |
| MBLK | Bromoform                       | ND       |         |       |                    |      |
| LCS1 | Chloroform (Trichloromethane)   | 4        | 4.09    | 102.2 | ( 70.00 - 130.00 ) |      |
| MBLK | Chloroform (Trichloromethane)   | ND       |         |       |                    |      |
| MBLK | Bromochloromethane              | ND       |         |       |                    |      |
| MBLK | Chloroethane                    | ND       |         |       |                    |      |
| MBLK | Chloromethane (Methyl Chloride) | ND       |         |       |                    |      |
| LCS1 | Chlorodibromomethane            | 4        | 4.02    | 100.5 | ( 70.00 - 130.00 ) |      |
| MBLK | Chlorodibromomethane            | ND       |         |       |                    |      |
| MBLK | Dibromomethane                  | ND       |         |       |                    |      |

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Laboratory  
 QC Report  
 #54530

Foster Wheeler Environmental, Inc  
 (continued)

|      |                                |     |      |       |                    |      |
|------|--------------------------------|-----|------|-------|--------------------|------|
| LCS1 | Bromodichloromethane           | 4   | 4.21 | 105.2 | ( 70.00 - 130.00 ) |      |
| MBLK | Bromodichloromethane           | ND  |      |       |                    |      |
| LCS1 | Dichloromethane                | 4   | 4.80 | 120.0 | ( 70.00 - 130.00 ) |      |
| MBLK | Dichloromethane                | ND  |      |       |                    |      |
| LCS1 | Ethyl benzene                  | 4   | 4.12 | 103.0 | ( 70.00 - 130.00 ) |      |
| MBLK | Ethyl benzene                  | ND  |      |       |                    |      |
| MBLK | Dichlorodifluoromethane        | ND  |      |       |                    |      |
| LCS1 | Fluorotrichloromethane-Freon11 | 2   | 2.05 | 102.5 | ( 70.00 - 130.00 ) |      |
| MBLK | Fluorotrichloromethane-Freon11 | ND  |      |       |                    |      |
| MBLK | Hexachlorobutadiene            | ND  |      |       |                    |      |
| MBLK | Isopropylbenzene               | ND  |      |       |                    |      |
| MBLK | m-Dichlorobenzene (1,3-DCB)    | ND  |      |       |                    |      |
| LCS1 | m,p-Xylenes                    | 8   | 8.09 | 101.1 | ( 70.00 - 130.00 ) |      |
| MBLK | m,p-Xylenes                    | ND  |      |       |                    |      |
| MBLK | Naphthalene                    | ND  |      |       |                    |      |
| MBLK | n-Butylbenzene                 | ND  |      |       |                    |      |
| MBLK | n-Propylbenzene                | ND  |      |       |                    |      |
| LCS1 | o-Xylene                       | 4   | 4.16 | 104.0 | ( 70.00 - 130.00 ) |      |
| MBLK | o-Xylene                       | ND  |      |       |                    |      |
| LCS1 | o-Dichlorobenzene (1,2-DCB)    | 4   | 4.06 | 101.5 | ( 70.00 - 130.00 ) |      |
| MBLK | o-Dichlorobenzene (1,2-DCB)    | ND  |      |       |                    |      |
| LCS1 | Tetrachloroethylene (PCE)      | 4   | 4.13 | 103.2 | ( 70.00 - 130.00 ) |      |
| MBLK | Tetrachloroethylene (PCE)      | ND  |      |       |                    |      |
| MBLK | p-Isopropyltoluene             | ND  |      |       |                    |      |
| MBLK | sec-Butylbenzene               | ND  |      |       |                    |      |
| LCS1 | Styrene                        | 4   | 4.39 | 109.7 | ( 70.00 - 130.00 ) |      |
| MBLK | Styrene                        | ND  |      |       |                    |      |
| LCS1 | 1,2-dichloroethane-d4          | 100 | 105  | 105.0 | ( 80.00 - 120.00 ) |      |
| MBLK | 1,2-dichloroethane-d4          | 100 | 100  | 100.0 |                    |      |
| MS   | 1,2-dichloroethane-d4          | 100 | 103  | 103.0 | ( 80.00 - 120.00 ) |      |
| MSD  | 1,2-dichloroethane-d4          | 100 | 103  | 103.0 | ( 80.00 - 120.00 ) | 0.00 |
| LCS1 | Toluene-d8                     | 100 | 101  | 101.0 | ( 80.00 - 120.00 ) |      |
| MBLK | Toluene-d8                     | 100 | 97.4 | 97.4  |                    |      |
| MS   | Toluene-d8                     | 100 | 98.2 | 98.2  | ( 80.00 - 120.00 ) |      |
| MSD  | Toluene-d8                     | 100 | 97.3 | 97.3  | ( 80.00 - 120.00 ) | 0.92 |
| LCS1 | 4-Bromofluorobenzene           | 100 | 101  | 101.0 | ( 80.00 - 120.00 ) |      |
| MBLK | 4-Bromofluorobenzene           | 100 | 102  | 102.0 |                    |      |

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QC Report

#54530

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(continued)

|      |                                 |     |      |       |                    |      |
|------|---------------------------------|-----|------|-------|--------------------|------|
| MS   | 4-Bromofluorobenzene            | 100 | 102  | 102.0 | ( 80.00 - 120.00 ) |      |
| MSD  | 4-Bromofluorobenzene            | 100 | 102  | 102.0 | ( 80.00 - 120.00 ) | 0.00 |
| LCS1 | trans-1,2-Dichloroethylene      | 4   | 4.16 | 104.0 | ( 70.00 - 130.00 ) |      |
| MBLK | trans-1,2-Dichloroethylene      | ND  |      |       |                    |      |
| MBLK | tert-Butylbenzene               | ND  |      |       |                    |      |
| LCS1 | Trichloroethylene (TCE)         | 4   | 3.78 | 94.5  | ( 70.00 - 130.00 ) |      |
| MBLK | Trichloroethylene (TCE)         | ND  |      |       |                    |      |
| MS   | Trichloroethylene (TCE)         | 4   | 4.36 | 109.0 | ( 70.00 - 130.00 ) |      |
| MSD  | Trichloroethylene (TCE)         | 4   | 4.40 | 110.0 | ( 70.00 - 130.00 ) | 0.91 |
| LCS1 | Trichlorotrifluoroethane (Freon | 2   | 2.36 | 118.0 | ( 70.00 - 130.00 ) |      |
| MBLK | Trichlorotrifluoroethane (Freon | ND  |      |       |                    |      |
| MBLK | trans-1,3-Dichloropropene       | ND  |      |       |                    |      |
| LCS1 | Toluene                         | 4   | 4.11 | 102.8 | ( 70.00 - 130.00 ) |      |
| MBLK | Toluene                         | ND  |      |       |                    |      |
| MS   | Toluene                         | 4   | 4.28 | 107.0 | ( 70.00 - 130.00 ) |      |
| MSD  | Toluene                         | 4   | 4.12 | 103.0 | ( 70.00 - 130.00 ) | 3.8  |
| LCS1 | Vinyl chloride (VC)             | 2   | 1.98 | 99.0  | ( 70.00 - 130.00 ) |      |
| MBLK | Vinyl chloride (VC)             | ND  |      |       |                    |      |

**QC Batch #97167****Perchlorate**

| QC   | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|---------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample | Lab # 99 | 0519080   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Perchlorate   | 20.0     | 18.1      | 90.5      | ( 90.00 - 110.00 ) |         |
| LCS2 | Perchlorate   | 20.0     | 18.3      | 91.5      | ( 90.00 - 110.00 ) | 1.1     |
| MBLK | Perchlorate   | ND       |           |           |                    |         |
| MS   | Perchlorate   | 20.0     | 18.2      | 91.0      | ( 75.00 - 125.00 ) |         |
| MSD  | Perchlorate   | 20.0     | 20.1      | 100.5     | ( 75.00 - 125.00 ) | 9.9     |

**QC Batch #97351****Alkalinity**

| QC   | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|---------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample | Lab # 99 | 0524252   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Alkalinity    | 96.2     | 97.8      | 101.7     | ( 96.00 - 107.00 ) |         |
| LCS2 | Alkalinity    | 96.2     | 97.6      | 101.5     | ( 96.00 - 107.00 ) | 0.20    |

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.  
Criteria for MS and DUP are advisory only and not applicable for ICR monitoring.



**MONTGOMERY WATSON LABORATORIES**

a Division of Montgomery Watson Americas, Inc.

555 East Walnut Street

Pasadena, California 91101

Tel: 626 568 6400 Fax: 626 568 6324

1 800 566 LABS (1 800 566 5227)

**Laboratory****QC Report****#54530**Foster Wheeler Environmental, Inc  
(continued)

|      |            |      |      |      |                    |      |
|------|------------|------|------|------|--------------------|------|
| MBLK | Alkalinity | ND   |      |      |                    |      |
| MS   | Alkalinity | 96.2 | 92   | 95.6 | ( 80.00 - 120.00 ) |      |
| MSD  | Alkalinity | 96.2 | 91.2 | 94.8 | ( 80.00 - 120.00 ) | 0.87 |

**QC Batch #97643****Perchlorate**

| QC   | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|---------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample | Lab # 99 | 0524256   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Perchlorate   | 20.0     | 20.6      | 103.0     | ( 90.00 - 110.00 ) |         |
| LCS2 | Perchlorate   | 20.0     | 20.7      | 103.5     | ( 90.00 - 110.00 ) | 0.48    |
| MBLK | Perchlorate   | ND       |           |           |                    |         |
| MS   | Perchlorate   | 20.0     | 20.2      | 101.0     | ( 75.00 - 125.00 ) |         |
| MSD  | Perchlorate   | 20.0     | 20.4      | 102.0     | ( 75.00 - 125.00 ) | 0.99    |

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.  
Criteria for MS and DUP are advisory only and not applicable for ICR monitoring.



## MONTGOMERY WATSON LABORATORIES

Quality Environmental Analysis

A division of Montgomery Watson Americas, Inc.

June 28, 1999

Foster Wheeler Environmental  
611 Anton Blvd, Suite 800  
Costa Mesa, CA. 92626

Attention: Mark Cutler

Re: Report # 54597 (MW-992-096, MW-992-095, MW-992-024,  
MW-992-023, MW-992-022, MW-992-021, MW-992-020)

Sampled: 5/25/99

Dear Mark,

Enclosed please find data deliverables for the recent JPL project. A detailed quality control (QC) summary follows:

**Non-conformance (LCS, MS/MSD, Surrogates, and Holding Times)**

None

**Samples requiring dilution (with increased MRL's):**

None

**Method blanks with compounds detected:**

None

**Comments:**

Chloroform was detected in MW-992-095, -023, -021

Carbon Tetrachloride was detected in MW-992-021

Arsenic was detected in sample MW-992-024

**TIC's:**

None

**Method Variance:**

None

**Other Comments:**

A QC check on the ASTM type II water supplied for the equipment rinse did not contain Methylene Chloride, but did contain detectable levels of Chloroform at 1.3 ug/L. No Methylene Chloride or Chloroform was detected in the method blank QC. Chloroform concentrations detected in the field samples, up to and including the level detected in the rinse water, may be an artifact of the rinse water.

ASTM type II water does not have specifications for volatiles. Foster Wheeler Environmental Corporation may want to consider the use of 'volatile free' water, if the trace chloroform poses problems. The Stationary Blank, SB, which was purged at the time of preparation, did not contain either compound. Volatile free water, would be substantially more expensive, due to the need to purge the water and the difficulty of preparing it in large quantities.

Sincerely,

Debbie Frank  
Project Manager

cc: Judy Novelly (JPL)

**Laboratory**  
555 East Walnut Street  
Pasadena, California 91101  
Tel: 626 568 6400  
Fax: 626 568 6324

**Southwest Service Center**  
4820 South Mill Avenue - Suite 202  
Tempe, Arizona 85282  
Tel: 602 755 8201  
Fax: 602 755 8203

**Northern California Service Center**  
1340 Treat Boulevard - Suite 300  
Walnut Creek, California 94596  
Tel: 925 274 2322  
Fax: 925 945 1760

**Southern California Service Center**  
30 Corporate Park - Suite 302  
Irvine, California 92606  
Tel: 949 222 1845  
Fax: 949 222 1849

**Montgomery Watson Laboratories**  
, Los Angeles, CA 90051-3508  
PHONE: 626-568-6400/FAX: 626-568-6324

ACKNOWLEDGMENT OF SAMPLES RECEIVED

Foster Wheeler Environmental, Inc  
611 Anton Boulevard  
Suite 800  
Costa Mesa, CA 92626  
Attn: Mark Cutler

Customer Code: ENSERCH  
PO#: Sub PO#007618-0006  
Group#: 54597  
Project#: JPL  
Proj Mgr: Debbie Frank  
Phone: (714) 444-5526

The following samples were received from you on 05/25/99. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using Montgomery Watson Laboratories.

| Sample#   | Sample Id  | Tests Scheduled                                                                                               | Matrix | Sample Date |
|-----------|------------|---------------------------------------------------------------------------------------------------------------|--------|-------------|
| 990525251 | MW-992-096 | @EBASVOA                                                                                                      | Water  | 05/25/99    |
| 990525252 | MW-992-095 | @EBASVOA AS-EBAS CR-EBAS PB-EBAS CR-VI CLO4                                                                   | Water  | 05/25/99    |
| 990525253 | MW-992-024 | @EBASVOA CR-VI PB-EBAS CR-EBAS AS-EBAS TDS CATION1 ANION1 PH EC HCO3 CO3 ALK NO3 SO4 CL FE-MS K NA MG CA CLO4 | Water  | 05/25/99    |
| 990525254 | MW-992-023 | @EBASVOA CLO4 CA MG NA K FE-MS CL SO4 NO3 ALK CO3 HCO3 EC PH ANION1 CATIO TDS AS-EBAS CR-EBAS PB-EBAS CR-VI   | Water  | 05/25/99    |
| 990525255 | MW-992-022 | @EBASVOA CLO4 CA MG NA K FE-MS CL SO4 NO3 ALK CO3 HCO3 EC PH ANION1 CATIO TDS AS-EBAS CR-EBAS PB-EBAS CR-VI   | Water  | 05/25/99    |
| 990525256 | MW-992-021 | @EBASVOA CLO4 CA MG NA K FE-MS CL SO4 NO3 ALK CO3 HCO3 EC PH ANION1 CATIO TDS AS-EBAS CR-EBAS PB-EBAS CR-VI   | Water  | 05/25/99    |
| 990525257 | MW-992-020 | @EBASVOA CLO4 CA MG NA K FE-MS CL SO4 NO3 ALK CO3 HCO3 EC PH ANION1 CATIO TDS AS-EBAS CR-EBAS PB-EBAS CR-VI   | Water  | 05/25/99    |

Test Acronym Description

| Test Acronym | Description |
|--------------|-------------|
|--------------|-------------|

Foster Wheeler Environmental, Inc  
611 Anton Boulevard  
Suite 800  
Costa Mesa, CA 92626  
Attn: Mark Cutler

Customer Code: ENSERCH  
PO#: Sub PO#007618-0006  
Group#: 54597  
Project#: JPL  
Proj Mgr: Debbie Frank  
Phone: (714) 444-5526

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Test Acronym Description

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| Test Acronym | Description                    |
|--------------|--------------------------------|
| @EBASVOA     | Regulated VOCs plus Lists 1&3  |
| ALK          | Alkalinity                     |
| ANION1       | Anion Sum                      |
| AS-EBAS      | Arsenic, Total, GF             |
| CA           | Calcium, Total, ICAP           |
| CATION1      | Cation Sum                     |
| CL           | Chloride                       |
| CLO4         | Perchlorate                    |
| CO3          | Carbonate as CO3, Calculated   |
| CR-EBAS      | Chromium, Total, ICAP/MS       |
| CR-VI        | Hexavalent chromium (Cr VI)    |
| EC           | Specific Conductance           |
| FE-MS        | Iron, Total, ICAP/MS           |
| HCO3         | Bicarbonate as HCO3,calculated |
| K            | Potassium, Total, ICAP         |
| MG           | Magnesium, Total, ICAP         |
| NA           | Sodium, Total, ICAP            |
| NO3          | Nitrate-N by IC                |
| PB-EBAS      | Lead, Total, ICAP/MS           |
| PH           | Lab pH                         |
| SO4          | Sulfate                        |
| TDS          | Total Dissolved Solid (TDS)    |



54597

NUMBER 1255

TELEPHONE 8-12

REG ICE OK

## FOSTER WHEELER ENVIRONMENTAL CORPORATION

## CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

PAGE 1

OF 1

| PROJECT<br><b>JR</b>                                           |                | OFS NO.<br><b>1572 0276</b> |                                               | HAZARD IDENTIFICATION<br>Non Hazard <input checked="" type="checkbox"/> Reactive <input type="checkbox"/><br>Flammable <input type="checkbox"/> Toxic <input type="checkbox"/><br>Skin Irritant <input type="checkbox"/> Infectious <input type="checkbox"/> |                        | TIME REQUIRED<br>NORMAL <input checked="" type="checkbox"/> DAYS<br>RUSH <input type="checkbox"/> DAYS |                  |                        |                                               |              |      |        |            |             |          |       |    |
|----------------------------------------------------------------|----------------|-----------------------------|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|--------------------------------------------------------------------------------------------------------|------------------|------------------------|-----------------------------------------------|--------------|------|--------|------------|-------------|----------|-------|----|
| PROJECT ADDRESS<br><b>4300 OAK GROVE DR PASADENA CA</b>        |                |                             |                                               | SAMPLER (Name)<br><b>J BRUNER</b>                                                                                                                                                                                                                            |                        |                                                                                                        |                  |                        |                                               |              |      |        |            |             |          |       |    |
| LABORATORY<br><b>MONTGOMERY WATSON LABS</b>                    |                |                             |                                               | SAMPLER (Signature)<br><b>[Signature]</b>                                                                                                                                                                                                                    |                        |                                                                                                        |                  |                        |                                               |              |      |        |            |             |          |       |    |
| REPORTS TO BE SENT TO<br><b>MR. MARK CUTLER</b>                |                |                             |                                               | ANALYSES REQUIRED                                                                                                                                                                                                                                            |                        |                                                                                                        |                  |                        |                                               |              |      |        |            |             |          |       |    |
| SAMPLE NUMBER                                                  | TIME COLLECTED | DATE COLLECTED              | NUMBER OF CONTAINERS                          | CONTAINER SIZE(S)                                                                                                                                                                                                                                            | SAMPLE MATERIAL        |                                                                                                        |                  | VOCs (5242)            | Total Aro. PB (6047000)                       | MAJOR ANIONS | PIDS | Hex Cl | Pesticides | Metals VOCs | MSD VOCs | MS/MS | OC |
|                                                                |                |                             |                                               |                                                                                                                                                                                                                                                              | WATER                  | SOIL                                                                                                   | OTHER (Describe) |                        |                                               |              |      |        |            |             |          |       |    |
| MW 992-016                                                     | 0805           | 5/25/99                     | 2                                             | 2 x 40ml                                                                                                                                                                                                                                                     | X                      |                                                                                                        |                  | X                      |                                               |              |      |        |            |             |          |       |    |
| MW 992-015                                                     | 1150           | }                           | 5                                             | 2 x 40ml 1 x 250ml                                                                                                                                                                                                                                           | X                      |                                                                                                        |                  | X                      |                                               |              |      |        |            |             |          |       |    |
| MW 992-024                                                     | 1115           |                             | 6                                             | 2 x 40ml 1 x 250ml                                                                                                                                                                                                                                           | X                      |                                                                                                        |                  | X                      | X                                             |              |      |        |            |             |          |       |    |
| MW 992-023                                                     | 1245           |                             | 6                                             | 2 x 40ml 1 x 250ml                                                                                                                                                                                                                                           | X                      |                                                                                                        |                  | X                      | X                                             |              |      |        |            |             |          |       |    |
| MW 992-022                                                     | 1410           |                             | 6                                             | 2 x 40ml 2 x 50ml                                                                                                                                                                                                                                            | X                      |                                                                                                        |                  | X                      | X                                             |              |      |        |            |             |          |       |    |
| MW 992-021                                                     | 1510           |                             | 6                                             | 2 x 40ml 2 x 50ml                                                                                                                                                                                                                                            | X                      |                                                                                                        |                  | X                      | X                                             |              |      |        |            |             |          |       |    |
| MW 992-011MS                                                   | 1510           |                             | 2                                             | 2 x 40ml                                                                                                                                                                                                                                                     | X                      |                                                                                                        |                  |                        |                                               |              |      |        |            |             |          |       |    |
| MW 992-011MS                                                   | 1510           |                             | 2                                             | 2 x 40ml                                                                                                                                                                                                                                                     | X                      |                                                                                                        |                  |                        |                                               |              |      |        |            |             |          |       |    |
| MW 992-020                                                     | 1615           |                             | 6                                             | 2 x 40ml 1 x 150ml 2 x 125ml 1 x 500ml                                                                                                                                                                                                                       | X                      |                                                                                                        |                  | X                      | X                                             |              |      |        |            |             |          |       |    |
| LABORATORY INSTRUCTIONS/COMMENTS<br><br><b>Level III QA/QC</b> |                |                             |                                               |                                                                                                                                                                                                                                                              |                        |                                                                                                        |                  |                        |                                               |              |      |        |            |             |          |       |    |
| RELINQUISHED BY (Signature)<br><b>[Signature]</b>              |                | DATE<br><b>5/25/99</b>      | RECEIVED BY (Signature)<br><b>[Signature]</b> |                                                                                                                                                                                                                                                              | DATE<br><b>5/25/99</b> | RELINQUISHED BY (Signature)<br><b>[Signature]</b>                                                      |                  | DATE<br><b>5/25/99</b> | RECEIVED BY (Signature)<br><b>[Signature]</b> |              |      |        |            |             |          |       |    |
| COMPANY<br><b>Foster Wheeler</b>                               |                | TIME<br><b>10:00</b>        | COMPANY<br><b>Foster Wheeler</b>              |                                                                                                                                                                                                                                                              | TIME<br><b>10:00</b>   | COMPANY<br><b>Foster Wheeler</b>                                                                       |                  | TIME<br><b>10:00</b>   | COMPANY<br><b>Foster Wheeler</b>              |              |      |        |            |             |          |       |    |

MONTGOMERY WATSON COOLER RECEIPT FORM

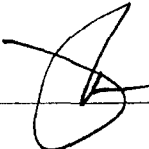
PROJECT: ENSERUH

DATE RECEIVED: 5-25-99

Use back of form to note check-in problems and describe action(s) regarding the resolution(s) of problems.

A. PRELIMINARY EXAMINATION

Date Cooler opened: 5-25-99

By (print) MARTIN L. DE MESA (sign) 

1. Did cooler come with shipping slip (air bill, etc.)?

If yes, attach and enter carrier and air bill number here:

Yes No  
DEL BY CLIENT

2. Were custody seals on outside of cooler?

If yes, how many and where:

2 OUTSIDE LID

If yes, enter the following: seal date:

5-25-99

seal name:

J. B.

3. Were custody seals unbroken and intact at delivery?

Yes No

4. Were custody papers sealed in bag and taped to lid?

Yes No

5. Were custody papers filled out properly (ink, etc.)?

Yes No

6. Did you sign custody papers in appropriate place?

Yes No

7. Was project identifiable from custody papers?

Yes No

8. Have designated person(s) initial and acknowledge receipt:

MLD

date:

5-25-99

B. LOGIN PHASE

Date samples were logged in:

5-25-99

By (print)

M. DE MESA

(sign) 

9. Describe packing:

10. If required, was enough ice used?

Yes No

11. Were all bottles sealed in separate plastic bags?

Yes No

12. Did all bottles arrive unbroken and in good condition?

Yes No

13. Were all bottle labels complete (ID, date, sign, preservative)?

Yes No

14. Did all bottle labels agree with custody papers? If no, list on back.

Yes No

15. Were correct containers used for the analytes?

Yes No

16. Were correct preservatives used when required?

Yes No

17. Was sufficient amount of sample sent for tests?

Yes No

18. Bubbles absent in VOA vials? If no, list by sample ID on back.

Yes No

19. Was Client Services informed of problems?

Yes No

N/A

Report Summary of positive results, PR54597

|          |                                |            | Result | MDL    | UNITS |
|----------|--------------------------------|------------|--------|--------|-------|
| Analyzed | 990525251                      | MW-992-096 |        |        |       |
| Analyzed | 990525252                      | MW-992-095 |        |        |       |
| 05/27/99 | Chloroform (Trichloromethane)  |            | 1.2    | .500   | UGL   |
| Analyzed | 990525253                      | MW-992-024 |        |        |       |
| 06/03/99 | Alkalinity                     |            | 131    | 2.000  | MGL   |
| 06/09/99 | Anion Sum                      |            | 3.35   | .001   | MEQL  |
| 06/11/99 | Arsenic, Total, GF             |            | 0.0053 | .005   | MGL   |
| 06/09/99 | Bicarbonate as HCO3,calculated |            | 159    | .001   | MGL   |
| 05/27/99 | Calcium, Total, ICAP           |            | 22.8   | 1.000  | MGL   |
| 06/09/99 | Carbonate as CO3, Calculated   |            | 2.06   | .001   | MGL   |
| 06/07/99 | Cation Sum                     |            | 3.43   | .001   | MEQL  |
| 05/26/99 | Chloride                       |            | 11.7   | 1.000  | MGL   |
| 06/11/99 | Iron, Total, ICAP/MS           |            | 530    | *****  | UGL   |
| 05/27/99 | Lab pH                         |            | 8.3    | .001   | UNIT  |
| 05/27/99 | Magnesium, Total, ICAP         |            | 2.2    | .100   | MGL   |
| 05/27/99 | Potassium, Total, ICAP         |            | 1.2    | 1.000  | MGL   |
| 05/27/99 | Sodium, Total, ICAP            |            | 47.9   | 1.000  | MGL   |
| 05/27/99 | Specific Conductance           |            | 320    | 4.000  | UMHO  |
| 05/26/99 | Sulfate                        |            | 19.3   | 2.000  | MGL   |
| 06/01/99 | Total Dissolved Solid (TDS)    |            | 190    | 10.000 | MGL   |
| Analyzed | 990525254                      | MW-992-023 |        |        |       |
| 05/27/99 | Chloroform (Trichloromethane)  |            | 0.5    | .500   | UGL   |
| 06/03/99 | Alkalinity                     |            | 149    | 2.000  | MGL   |
| 06/09/99 | Anion Sum                      |            | 3.67   | .001   | MEQL  |
| 06/09/99 | Bicarbonate as HCO3,calculated |            | 181    | .001   | MGL   |
| 05/27/99 | Calcium, Total, ICAP           |            | 29.9   | 1.000  | MGL   |
| 06/09/99 | Carbonate as CO3, Calculated   |            | 2.95   | .001   | MGL   |
| 06/07/99 | Cation Sum                     |            | 3.75   | .001   | MEQL  |
| 05/26/99 | Chloride                       |            | 11.0   | 1.000  | MGL   |
| 06/11/99 | Iron, Total, ICAP/MS           |            | 410    | *****  | UGL   |
| 05/27/99 | Lab pH                         |            | 8.4    | .001   | UNIT  |
| 05/27/99 | Magnesium, Total, ICAP         |            | 13.5   | .100   | MGL   |
| 05/27/99 | Potassium, Total, ICAP         |            | 2.3    | 1.000  | MGL   |
| 05/27/99 | Sodium, Total, ICAP            |            | 25.0   | 1.000  | MGL   |
| 05/27/99 | Specific Conductance           |            | 340    | 4.000  | UMHO  |
| 05/26/99 | Sulfate                        |            | 18.1   | 2.000  | MGL   |
| 06/01/99 | Total Dissolved Solid (TDS)    |            | 210    | 10.000 | MGL   |
| Analyzed | 990525255                      | MW-992-022 |        |        |       |
| 06/03/99 | Alkalinity                     |            | 163    | 2.000  | MGL   |
| 06/09/99 | Anion Sum                      |            | 4.00   | .001   | MEQL  |
| 06/09/99 | Bicarbonate as HCO3,calculated |            | 198    | .001   | MGL   |
| 05/27/99 | Calcium, Total, ICAP           |            | 37.4   | 1.000  | MGL   |
| 06/09/99 | Carbonate as CO3, Calculated   |            | 2.57   | .001   | MGL   |
| 06/07/99 | Cation Sum                     |            | 4.16   | .001   | MEQL  |
| 05/26/99 | Chloride                       |            | 12.3   | 1.000  | MGL   |
| 06/11/99 | Iron, Total, ICAP/MS           |            | 440    | *****  | UGL   |
| 05/27/99 | Lab pH                         |            | 8.3    | .001   | UNIT  |

|          |                             |      |        |      |
|----------|-----------------------------|------|--------|------|
| 05/27/99 | Magnesium, Total, ICAP      | 13.4 | .100   | MGL  |
| 05/27/99 | Potassium, Total, ICAP      | 2.2  | 1.000  | MGL  |
| 05/27/99 | Sodium, Total, ICAP         | 25.9 | 1.000  | MGL  |
| 05/27/99 | Specific Conductance        | 370  | 4.000  | UMHO |
| 05/26/99 | Sulfate                     | 18.9 | 2.000  | MGL  |
| 06/01/99 | Total Dissolved Solid (TDS) | 240  | 10.000 | MGL  |

Analyzed 990525256 MW-992-021

|          |                                             |      |        |      |
|----------|---------------------------------------------|------|--------|------|
| 05/27/99 | Carbon Tetrachloride                        | 0.5  | .500   | UGL  |
| 05/27/99 | Chloroform (Trichloromethane)               | 0.7  | .500   | UGL  |
| 06/03/99 | Alkalinity                                  | 175  | 2.000  | MGL  |
| 06/09/99 | Anion Sum                                   | 4.72 | .001   | MEQL |
| 06/09/99 | Bicarbonate as HCO <sub>3</sub> ,calculated | 212  | .001   | MGL  |
| 05/27/99 | Calcium, Total, ICAP                        | 47.0 | 1.000  | MGL  |
| 06/09/99 | Carbonate as CO <sub>3</sub> , Calculated   | 3.46 | .001   | MGL  |
| 06/07/99 | Cation Sum                                  | 4.91 | .001   | MEQL |
| 05/26/99 | Chloride                                    | 15.0 | 1.000  | MGL  |
| 06/11/99 | Iron, Total, ICAP/MS                        | 230  | *****  | UGL  |
| 05/27/99 | Lab pH                                      | 8.4  | .001   | UNIT |
| 05/27/99 | Magnesium, Total, ICAP                      | 18.0 | .100   | MGL  |
| 05/26/99 | Nitrate-N by IC                             | 0.42 | .100   | MGL  |
| 05/27/99 | Potassium, Total, ICAP                      | 3.1  | 1.000  | MGL  |
| 05/27/99 | Sodium, Total, ICAP                         | 23.0 | 1.000  | MGL  |
| 05/27/99 | Specific Conductance                        | 440  | 4.000  | UMHO |
| 05/26/99 | Sulfate                                     | 36.8 | 2.000  | MGL  |
| 06/01/99 | Total Dissolved Solid (TDS)                 | 270  | 10.000 | MGL  |

Analyzed 990525257 MW-992-020

|          |                                             |      |        |      |
|----------|---------------------------------------------|------|--------|------|
| 06/03/99 | Alkalinity                                  | 190  | 2.000  | MGL  |
| 06/09/99 | Anion Sum                                   | 5.15 | .001   | MEQL |
| 06/09/99 | Bicarbonate as HCO <sub>3</sub> ,calculated | 231  | .001   | MGL  |
| 05/27/99 | Calcium, Total, ICAP                        | 50.8 | 1.000  | MGL  |
| 06/09/99 | Carbonate as CO <sub>3</sub> , Calculated   | 1.50 | .001   | MGL  |
| 06/07/99 | Cation Sum                                  | 5.33 | .001   | MEQL |
| 05/26/99 | Chloride                                    | 16.6 | 1.000  | MGL  |
| 06/11/99 | Iron, Total, ICAP/MS                        | 105  | *****  | UGL  |
| 05/27/99 | Lab pH                                      | 8.0  | .001   | UNIT |
| 05/27/99 | Magnesium, Total, ICAP                      | 19.6 | .100   | MGL  |
| 05/26/99 | Nitrate-N by IC                             | 0.52 | .100   | MGL  |
| 05/27/99 | Potassium, Total, ICAP                      | 3.1  | 1.000  | MGL  |
| 05/27/99 | Sodium, Total, ICAP                         | 25.3 | 1.000  | MGL  |
| 05/27/99 | Specific Conductance                        | 480  | 4.000  | UMHO |
| 05/26/99 | Sulfate                                     | 40.5 | 2.000  | MGL  |
| 06/01/99 | Total Dissolved Solid (TDS)                 | 300  | 10.000 | MGL  |





**MONTGOMERY WATSON LABORATORIES**

a Division of Montgomery Watson Americas, Inc.  
555 East Walnut Street  
Pasadena, California 91101  
Tel: 626 568 6400 Fax: 626 568 6324  
1 800 566 LABS (1 800 566 5227)

**Laboratory Report**

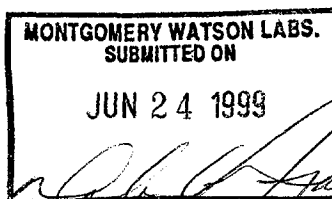
for

Foster Wheeler Environmental, Inc  
611 Anton Boulevard

Suite 800

Costa Mesa , CA 92626

Attention: Mark Cutler  
Fax: (714) 444-5560



DEB\* Debbie Frank

Report#: 54597  
JPL

**MONTGOMERY WATSON LABORATORIES**

a Division of Montgomery Watson Americas, Inc.

555 East Walnut Street

Pasadena, California 91101

Tel: 626 568 6400 Fax: 626 568 6324

1 800 566 LABS (1 800 566 5227)

**Laboratory****Report****#54597**

Foster Wheeler Environmental, Inc  
Mark Cutler  
611 Anton Boulevard  
Suite 800  
Costa Mesa, CA 92626

Samples Received  
25-may-1999 17:16:25

| Prepared                      | Analyzed | QC Batch#        | Method                        | Analyte             | Result | Units | MRL | Dilution |
|-------------------------------|----------|------------------|-------------------------------|---------------------|--------|-------|-----|----------|
| MW-992-096 (990525251)        |          |                  |                               | Sampled on 05/25/99 |        |       |     |          |
| Regulated VOCs plus Lists 1&3 |          |                  |                               |                     |        |       |     |          |
| 05/27/99                      | 96980    | ( ML/EPA 524.2 ) | 1,1,1,2-Tetrachloroethane     | ND                  | ug/l   | 0.50  | 1   |          |
| 05/27/99                      | 96980    | ( ML/EPA 524.2 ) | 1,1,1-Trichloroethane         | ND                  | ug/l   | 0.50  | 1   |          |
| 05/27/99                      | 96980    | ( ML/EPA 524.2 ) | 1,1,2,2-Tetrachloroethane     | ND                  | ug/l   | 0.50  | 1   |          |
| 05/27/99                      | 96980    | ( ML/EPA 524.2 ) | 1,1,2-Trichloroethane         | ND                  | ug/l   | 0.50  | 1   |          |
| 05/27/99                      | 96980    | ( ML/EPA 524.2 ) | 1,1-Dichloroethane            | ND                  | ug/l   | 0.50  | 1   |          |
| 05/27/99                      | 96980    | ( ML/EPA 524.2 ) | 1,1-Dichloroethylene          | ND                  | ug/l   | 0.50  | 1   |          |
| 05/27/99                      | 96980    | ( ML/EPA 524.2 ) | 1,1-Dichloropropene           | ND                  | ug/l   | 0.50  | 1   |          |
| 05/27/99                      | 96980    | ( ML/EPA 524.2 ) | 1,2,3-Trichlorobenzene        | ND                  | ug/l   | 0.50  | 1   |          |
| 05/27/99                      | 96980    | ( ML/EPA 524.2 ) | 1,2,3-Trichloropropane        | ND                  | ug/l   | 0.50  | 1   |          |
| 05/27/99                      | 96980    | ( ML/EPA 524.2 ) | 1,2,4-Trichlorobenzene        | ND                  | ug/l   | 0.50  | 1   |          |
| 05/27/99                      | 96980    | ( ML/EPA 524.2 ) | 1,2,4-Trimethylbenzene        | ND                  | ug/l   | 0.50  | 1   |          |
| 05/27/99                      | 96980    | ( ML/EPA 524.2 ) | 1,2-Dichloroethane            | ND                  | ug/l   | 0.50  | 1   |          |
| 05/27/99                      | 96980    | ( ML/EPA 524.2 ) | 1,2-Dichloropropane           | ND                  | ug/l   | 0.50  | 1   |          |
| 05/27/99                      | 96980    | ( ML/EPA 524.2 ) | 1,3,5-Trimethylbenzene        | ND                  | ug/l   | 0.50  | 1   |          |
| 05/27/99                      | 96980    | ( ML/EPA 524.2 ) | 1,3-Dichloropropane           | ND                  | ug/l   | 0.50  | 1   |          |
| 05/27/99                      | 96980    | ( ML/EPA 524.2 ) | p-Dichlorobenzene (1,4-DCB)   | ND                  | ug/l   | 0.50  | 1   |          |
| 05/27/99                      | 96980    | ( ML/EPA 524.2 ) | 2,2-Dichloropropane           | ND                  | ug/l   | 0.50  | 1   |          |
| 05/27/99                      | 96980    | ( ML/EPA 524.2 ) | 2-Butanone (MEK)              | ND                  | ug/l   | 5.0   | 1   |          |
| 05/27/99                      | 96980    | ( ML/EPA 524.2 ) | o-Chlorotoluene               | ND                  | ug/l   | 0.50  | 1   |          |
| 05/27/99                      | 96980    | ( ML/EPA 524.2 ) | p-Chlorotoluene               | ND                  | ug/l   | 0.50  | 1   |          |
| 05/27/99                      | 96980    | ( ML/EPA 524.2 ) | 4-Methyl-2-Pentanone (MIBK)   | ND                  | ug/l   | 5.0   | 1   |          |
| 05/27/99                      | 96980    | ( ML/EPA 524.2 ) | Benzene                       | ND                  | ug/l   | 0.50  | 1   |          |
| 05/27/99                      | 96980    | ( ML/EPA 524.2 ) | Bromobenzene                  | ND                  | ug/l   | 0.50  | 1   |          |
| 05/27/99                      | 96980    | ( ML/EPA 524.2 ) | Bromomethane (Methyl Bromide) | ND                  | ug/l   | 0.50  | 1   |          |
| 05/27/99                      | 96980    | ( ML/EPA 524.2 ) | cis-1,2-Dichloroethylene      | ND                  | ug/l   | 0.50  | 1   |          |
| 05/27/99                      | 96980    | ( ML/EPA 524.2 ) | Chlorobenzene                 | ND                  | ug/l   | 0.50  | 1   |          |
| 05/27/99                      | 96980    | ( ML/EPA 524.2 ) | Carbon Tetrachloride          | ND                  | ug/l   | 0.50  | 1   |          |
| 05/27/99                      | 96980    | ( ML/EPA 524.2 ) | cis-1,3-Dichloropropene       | ND                  | ug/l   | 0.50  | 1   |          |
| 05/27/99                      | 96980    | ( ML/EPA 524.2 ) | Bromoform                     | ND                  | ug/l   | 0.50  | 1   |          |

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**Laboratory****Report****#54597**Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method            | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|-------------------|---------------------------------|--------|-------|------|----------|
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Chloroform (Trichloromethane)   | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Bromochloromethane              | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Chloroethane                    | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Chloromethane (Methyl Chloride) | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Chlorodibromomethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Dibromomethane                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Bromodichloromethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Dichloromethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Ethyl benzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/E524.2/624 ) | Dichlorodifluoromethane         | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Fluorotrichloromethane-Freon11  | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Hexachlorobutadiene             | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Isopropylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | m-Dichlorobenzene (1,3-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | m,p-Xylenes                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Naphthalene                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | n-Butylbenzene                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | n-Propylbenzene                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | o-Xylene                        | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | o-Dichlorobenzene (1,2-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Tetrachloroethylene (PCE)       | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | p-Isopropyltoluene              | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | sec-Butylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Styrene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | trans-1,2-Dichloroethylene      | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | tert-Butylbenzene               | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Trichloroethylene (TCE)         | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Trichlorotrifluoroethane (Freon | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | trans-1,3-Dichloropropene       | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Toluene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Vinyl chloride (VC)             | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )     | None detected                   | ND     |       |      | 1        |
|          |          |           | ( Surrogate )     | 1,2-Dichloroethane-d4           | 107    | % Rec |      |          |
|          |          |           | ( Surrogate )     | 4-Bromofluorobenzene            | 106    | % Rec |      |          |
|          |          |           | ( Surrogate )     | Toluene-d8                      | 98     | % Rec |      |          |

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**Laboratory****Report****#54597**Foster Wheeler Environmental, Inc  
(continued)

| Prepared                                 | Analyzed | QC Batch# | Method            | Analyte                       | Result | Units | MRL   | Dilution |
|------------------------------------------|----------|-----------|-------------------|-------------------------------|--------|-------|-------|----------|
| <b>MW-992-095 (990525252)</b>            |          |           |                   | <b>Sampled on 05/25/99</b>    |        |       |       |          |
| 06/10/99                                 | 06/11/99 | 97497     | ( S3113B/E200.9 ) | Arsenic, Total, GF            | ND     | mg/l  | 0.005 | 1        |
|                                          | 06/15/99 | 97643     | ( MOD/EPA 300 )   | Perchlorate                   | ND     | ug/l  | 4.0   | 1        |
| 06/10/99                                 | 06/11/99 | 97461     | ( EPA/ML 200.8 )  | Chromium, Total, ICAP/MS      | ND     | ug/l  | 10    | 1        |
|                                          | 05/25/99 | 96777     | ( ML/SW 7196 )    | Hexavalent chromium (Cr VI)   | ND     | mg/l  | 0.005 | 1        |
| 06/10/99                                 | 06/11/99 | 97463     | ( EPA/ML 200.8 )  | Lead, Total, ICAP/MS          | ND     | ug/l  | 2.0   | 1        |
| <b>Regulated VOCs plus Lists 1&amp;3</b> |          |           |                   |                               |        |       |       |          |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | 1,1,1,2-Tetrachloroethane     | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | 1,1,1-Trichloroethane         | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | 1,1,2,2-Tetrachloroethane     | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | 1,1,2-Trichloroethane         | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | 1,1-Dichloroethane            | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | 1,1-Dichloroethylene          | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | 1,1-Dichloropropene           | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | 1,2,3-Trichlorobenzene        | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | 1,2,3-Trichloropropane        | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | 1,2,4-Trichlorobenzene        | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | 1,2,4-Trimethylbenzene        | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | 1,2-Dichloroethane            | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | 1,2-Dichloropropane           | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | 1,3,5-Trimethylbenzene        | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | 1,3-Dichloropropane           | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | p-Dichlorobenzene (1,4-DCB)   | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | 2,2-Dichloropropane           | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | 2-Butanone (MEK)              | ND     | ug/l  | 5.0   | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | o-Chlorotoluene               | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | p-Chlorotoluene               | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | 4-Methyl-2-Pentanone (MIBK)   | ND     | ug/l  | 5.0   | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Benzene                       | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Bromobenzene                  | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Bromomethane (Methyl Bromide) | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | cis-1,2-Dichloroethylene      | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Chlorobenzene                 | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Carbon Tetrachloride          | ND     | ug/l  | 0.50  | 1        |

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Laboratory  
Report  
#54597

Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method            | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|-------------------|---------------------------------|--------|-------|------|----------|
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | cis-1,3-Dichloropropene         | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Bromoform                       | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Chloroform (Trichloromethane)   | 1.2    | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Bromochloromethane              | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Chloroethane                    | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Chloromethane (Methyl Chloride) | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Chlorodibromomethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Dibromomethane                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Bromodichloromethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Dichloromethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Ethyl benzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/E524.2/624 ) | Dichlorodifluoromethane         | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Fluorotrichloromethane-Freon11  | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Hexachlorobutadiene             | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Isopropylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | m-Dichlorobenzene (1,3-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | m,p-Xylenes                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Naphthalene                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | n-Butylbenzene                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | n-Propylbenzene                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | o-Xylene                        | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | o-Dichlorobenzene (1,2-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Tetrachloroethylene (PCE)       | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | p-Isopropyltoluene              | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | sec-Butylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Styrene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | trans-1,2-Dichloroethylene      | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | tert-Butylbenzene               | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Trichloroethylene (TCE)         | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Trichlorotrifluoroethane (Freon | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | trans-1,3-Dichloropropene       | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Toluene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Vinyl chloride (VC)             | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )     | None detected                   | ND     |       |      | 1        |
|          |          |           | ( Surrogate )     | 1,2-Dichloroethane-d4           | 110    | % Rec |      |          |
|          |          |           | ( Surrogate )     | 4-Bromofluorobenzene            | 103    | % Rec |      |          |

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**Laboratory  
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 #54597**

Foster Wheeler Environmental, Inc  
 (continued)

| Prepared                                               | Analyzed | QC Batch# | Method            | Analyte                        | Result | Units   | MRL    | Dilution |
|--------------------------------------------------------|----------|-----------|-------------------|--------------------------------|--------|---------|--------|----------|
|                                                        |          |           | ( Surrogate )     | Toluene-d8                     | 101    | % Rec   |        |          |
| <b>MW-992-024 (990525253)      Sampled on 05/25/99</b> |          |           |                   |                                |        |         |        |          |
|                                                        | 06/03/99 | 97351     | ( ML/SM2320B )    | Alkalinity                     | 131    | mg/l    | 2.0    | 1        |
|                                                        | 06/09/99 |           | ( ML/SM1040 )     | Anion Sum                      | 3.35   | meq/l   | 0.0010 | 1        |
| 06/10/99                                               | 06/11/99 | 97497     | ( S3113B/E200.9 ) | Arsenic, Total, GF             | 0.0053 | mg/l    | 0.005  | 1        |
| 05/27/99                                               | 05/27/99 | 96843     | ( ML/EPA 200.7 )  | Calcium, Total, ICAP           | 22.8   | mg/l    | 1.0    | 1        |
|                                                        | 06/07/99 |           | ( ML/SM1040 )     | Cation Sum                     | 3.43   | meq/l   | 0.0010 | 1        |
|                                                        | 05/26/99 | 97037     | ( ML/EPA 300 )    | Chloride                       | 11.7   | mg/l    | 1.0    | 1        |
|                                                        | 06/15/99 | 97643     | ( MOD/EPA 300 )   | Perchlorate                    | ND     | ug/l    | 4.0    | 1        |
|                                                        | 06/09/99 |           | ( ML/SM2320B )    | Carbonate as CO3, Calculated   | 2.06   | mg/l    | 0.0010 | 1        |
| 06/10/99                                               | 06/11/99 | 97461     | ( EPA/ML 200.8 )  | Chromium, Total, ICAP/MS       | ND     | ug/l    | 10     | 1        |
|                                                        | 05/25/99 | 96777     | ( ML/SW 7196 )    | Hexavalent chromium (Cr VI)    | ND     | mg/l    | 0.005  | 1        |
|                                                        | 05/27/99 | 96826     | ( ML/S2510B )     | Specific Conductance           | 320    | umho/cm | 4.0    | 1        |
| 06/10/99                                               | 06/11/99 | 97462     | ( EPA/ML 200.8 )  | Iron, Total, ICAP/MS           | 530    | ug/l    | 100    | 1        |
|                                                        | 06/09/99 |           | ( ML/SM2320B )    | Bicarbonate as HCO3,calculated | 159    | mg/l    | 0.0010 | 1        |
| 05/27/99                                               | 05/27/99 | 96845     | ( ML/EPA 200.7 )  | Potassium, Total, ICAP         | 1.2    | mg/l    | 1.0    | 1        |
| 05/27/99                                               | 05/27/99 | 96847     | ( ML/EPA 200.7 )  | Magnesium, Total, ICAP         | 2.2    | mg/l    | 0.10   | 1        |
| 05/27/99                                               | 05/27/99 | 96849     | ( ML/EPA 200.7 )  | Sodium, Total, ICAP            | 47.9   | mg/l    | 1.0    | 1        |
|                                                        | 05/26/99 | 97056     | ( ML/EPA 300.0 )  | Nitrate-N by IC                | ND     | mg/l    | 0.10   | 1        |
| 06/10/99                                               | 06/11/99 | 97463     | ( EPA/ML 200.8 )  | Lead, Total, ICAP/MS           | ND     | ug/l    | 2.0    | 1        |
|                                                        | 05/27/99 | 96894     | ( ML/SM 4500HB)   | Lab pH                         | 8.3    | Units   | 0.0010 | 1        |
|                                                        | 05/26/99 | 97058     | ( ML/EPA 300.0 )  | Sulfate                        | 19.3   | mg/l    | 2.0    | 1        |
|                                                        | 06/01/99 | 97104     | ( ML/SM2540C )    | Total Dissolved Solid (TDS)    | 190    | mg/l    | 10     | 1        |
| <b>Regulated VOCs plus Lists 1&amp;3</b>               |          |           |                   |                                |        |         |        |          |
|                                                        | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | 1,1,1,2-Tetrachloroethane      | ND     | ug/l    | 0.50   | 1        |
|                                                        | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | 1,1,1-Trichloroethane          | ND     | ug/l    | 0.50   | 1        |
|                                                        | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | 1,1,2,2-Tetrachloroethane      | ND     | ug/l    | 0.50   | 1        |
|                                                        | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | 1,1,2-Trichloroethane          | ND     | ug/l    | 0.50   | 1        |
|                                                        | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | 1,1-Dichloroethane             | ND     | ug/l    | 0.50   | 1        |
|                                                        | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | 1,1-Dichloroethylene           | ND     | ug/l    | 0.50   | 1        |
|                                                        | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | 1,1-Dichloropropene            | ND     | ug/l    | 0.50   | 1        |
|                                                        | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | 1,2,3-Trichlorobenzene         | ND     | ug/l    | 0.50   | 1        |
|                                                        | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | 1,2,3-Trichloropropane         | ND     | ug/l    | 0.50   | 1        |
|                                                        | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | 1,2,4-Trichlorobenzene         | ND     | ug/l    | 0.50   | 1        |

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**Laboratory****Report****#54597**Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method            | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|-------------------|---------------------------------|--------|-------|------|----------|
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | 1,2,4-Trimethylbenzene          | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | 1,2-Dichloroethane              | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | 1,2-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | 1,3,5-Trimethylbenzene          | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | 1,3-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | p-Dichlorobenzene (1,4-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | 2,2-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | 2-Butanone (MEK)                | ND     | ug/l  | 5.0  | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | o-Chlorotoluene                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | p-Chlorotoluene                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | 4-Methyl-2-Pentanone (MIBK)     | ND     | ug/l  | 5.0  | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Benzene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Bromobenzene                    | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Bromomethane (Methyl Bromide)   | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | cis-1,2-Dichloroethylene        | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Chlorobenzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Carbon Tetrachloride            | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | cis-1,3-Dichloropropene         | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Bromoform                       | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Chloroform (Trichloromethane)   | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Bromochloromethane              | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Chloroethane                    | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Chloromethane (Methyl Chloride) | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Chlorodibromomethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Dibromomethane                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Bromodichloromethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Dichloromethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Ethyl benzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/E524.2/624 ) | Dichlorodifluoromethane         | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Fluorotrichloromethane-Freon11  | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Hexachlorobutadiene             | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Isopropylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | m-Dichlorobenzene (1,3-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | m,p-Xylenes                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Naphthalene                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | n-Butylbenzene                  | ND     | ug/l  | 0.50 | 1        |

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**Laboratory****Report****#54597****Foster Wheeler Environmental, Inc**  
(continued)

| Prepared | Analyzed | QC Batch# | Method           | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|------------------|---------------------------------|--------|-------|------|----------|
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | n-Propylbenzene                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | o-Xylene                        | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | o-Dichlorobenzene (1,2-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | Tetrachloroethylene (PCE)       | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | p-Isopropyltoluene              | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | sec-Butylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | Styrene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | trans-1,2-Dichloroethylene      | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | tert-Butylbenzene               | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | Trichloroethylene (TCE)         | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | Trichlorotrifluoroethane (Freon | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | trans-1,3-Dichloropropene       | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | Toluene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | Vinyl chloride (VC)             | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )    | None detected                   | ND     |       |      | 1        |
|          |          |           | ( Surrogate )    | 1,2-Dichloroethane-d4           | 108    | % Rec |      |          |
|          |          |           | ( Surrogate )    | 4-Bromofluorobenzene            | 107    | % Rec |      |          |
|          |          |           | ( Surrogate )    | Toluene-d8                      | 102    | % Rec |      |          |

**MW-992-023 (990525254)****Sampled on 05/25/99**

|          |          |       |                   |                                |      |         |        |   |
|----------|----------|-------|-------------------|--------------------------------|------|---------|--------|---|
|          | 06/03/99 | 97351 | ( ML/SM2320B )    | Alkalinity                     | 149  | mg/l    | 2.0    | 1 |
|          | 06/09/99 |       | ( ML/SM1040 )     | Anion Sum                      | 3.67 | meq/l   | 0.0010 | 1 |
| 06/10/99 | 06/11/99 | 97497 | ( S3113B/E200.9 ) | Arsenic, Total, GF             | ND   | mg/l    | 0.005  | 1 |
| 05/27/99 | 05/27/99 | 96843 | ( ML/EPA 200.7 )  | Calcium, Total, ICAP           | 29.9 | mg/l    | 1.0    | 1 |
|          | 06/07/99 |       | ( ML/SM1040 )     | Cation Sum                     | 3.75 | meq/l   | 0.0010 | 1 |
|          | 05/26/99 | 97037 | ( ML/EPA 300 )    | Chloride                       | 11.0 | mg/l    | 1.0    | 1 |
|          | 06/15/99 | 97643 | ( MOD/EPA 300 )   | Perchlorate                    | ND   | ug/l    | 4.0    | 1 |
|          | 06/09/99 |       | ( ML/SM2320B )    | Carbonate as CO3, Calculated   | 2.95 | mg/l    | 0.0010 | 1 |
| 06/10/99 | 06/11/99 | 97461 | ( EPA/ML 200.8 )  | Chromium, Total, ICAP/MS       | ND   | ug/l    | 10     | 1 |
|          | 05/25/99 | 96777 | ( ML/SW 7196 )    | Hexavalent chromium (Cr VI)    | ND   | mg/l    | 0.005  | 1 |
|          | 05/27/99 | 96826 | ( ML/S2510B )     | Specific Conductance           | 340  | umho/cm | 4.0    | 1 |
| 06/10/99 | 06/11/99 | 97462 | ( EPA/ML 200.8 )  | Iron, Total, ICAP/MS           | 410  | ug/l    | 100    | 1 |
|          | 06/09/99 |       | ( ML/SM2320B )    | Bicarbonate as HCO3,calculated | 181  | mg/l    | 0.0010 | 1 |
| 05/27/99 | 05/27/99 | 96845 | ( ML/EPA 200.7 )  | Potassium, Total, ICAP         | 2.3  | mg/l    | 1.0    | 1 |
| 05/27/99 | 05/27/99 | 96847 | ( ML/EPA 200.7 )  | Magnesium, Total, ICAP         | 13.5 | mg/l    | 0.10   | 1 |
| 05/27/99 | 05/27/99 | 96849 | ( ML/EPA 200.7 )  | Sodium, Total, ICAP            | 25.0 | mg/l    | 1.0    | 1 |



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**Laboratory****Report****#54597**Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method           | Analyte                     | Result | Units | MRL    | Dilution |
|----------|----------|-----------|------------------|-----------------------------|--------|-------|--------|----------|
|          | 05/26/99 | 97056     | ( ML/EPA 300.0 ) | Nitrate-N by IC             | ND     | mg/l  | 0.10   | 1        |
| 06/10/99 | 06/11/99 | 97463     | ( EPA/ML 200.8 ) | Lead, Total, ICAP/MS        | ND     | ug/l  | 2.0    | 1        |
|          | 05/27/99 | 96894     | ( ML/SM 4500HB)  | Lab pH                      | 8.4    | Units | 0.0010 | 1        |
|          | 05/26/99 | 97058     | ( ML/EPA 300.0 ) | Sulfate                     | 18.1   | mg/l  | 2.0    | 1        |
|          | 06/01/99 | 97104     | ( ML/SM2540C )   | Total Dissolved Solid (TDS) | 210    | mg/l  | 10     | 1        |

**Regulated VOCs plus Lists 1&3**

|  |          |       |                  |                               |    |      |      |   |
|--|----------|-------|------------------|-------------------------------|----|------|------|---|
|  | 05/27/99 | 96980 | ( ML/EPA 524.2 ) | 1,1,1,2-Tetrachloroethane     | ND | ug/l | 0.50 | 1 |
|  | 05/27/99 | 96980 | ( ML/EPA 524.2 ) | 1,1,1-Trichloroethane         | ND | ug/l | 0.50 | 1 |
|  | 05/27/99 | 96980 | ( ML/EPA 524.2 ) | 1,1,2,2-Tetrachloroethane     | ND | ug/l | 0.50 | 1 |
|  | 05/27/99 | 96980 | ( ML/EPA 524.2 ) | 1,1,2-Trichloroethane         | ND | ug/l | 0.50 | 1 |
|  | 05/27/99 | 96980 | ( ML/EPA 524.2 ) | 1,1-Dichloroethane            | ND | ug/l | 0.50 | 1 |
|  | 05/27/99 | 96980 | ( ML/EPA 524.2 ) | 1,1-Dichloroethylene          | ND | ug/l | 0.50 | 1 |
|  | 05/27/99 | 96980 | ( ML/EPA 524.2 ) | 1,1-Dichloropropene           | ND | ug/l | 0.50 | 1 |
|  | 05/27/99 | 96980 | ( ML/EPA 524.2 ) | 1,2,3-Trichlorobenzene        | ND | ug/l | 0.50 | 1 |
|  | 05/27/99 | 96980 | ( ML/EPA 524.2 ) | 1,2,3-Trichloropropane        | ND | ug/l | 0.50 | 1 |
|  | 05/27/99 | 96980 | ( ML/EPA 524.2 ) | 1,2,4-Trichlorobenzene        | ND | ug/l | 0.50 | 1 |
|  | 05/27/99 | 96980 | ( ML/EPA 524.2 ) | 1,2,4-Trimethylbenzene        | ND | ug/l | 0.50 | 1 |
|  | 05/27/99 | 96980 | ( ML/EPA 524.2 ) | 1,2-Dichloroethane            | ND | ug/l | 0.50 | 1 |
|  | 05/27/99 | 96980 | ( ML/EPA 524.2 ) | 1,2-Dichloropropane           | ND | ug/l | 0.50 | 1 |
|  | 05/27/99 | 96980 | ( ML/EPA 524.2 ) | 1,3,5-Trimethylbenzene        | ND | ug/l | 0.50 | 1 |
|  | 05/27/99 | 96980 | ( ML/EPA 524.2 ) | 1,3-Dichloropropane           | ND | ug/l | 0.50 | 1 |
|  | 05/27/99 | 96980 | ( ML/EPA 524.2 ) | p-Dichlorobenzene (1,4-DCB)   | ND | ug/l | 0.50 | 1 |
|  | 05/27/99 | 96980 | ( ML/EPA 524.2 ) | 2,2-Dichloropropane           | ND | ug/l | 0.50 | 1 |
|  | 05/27/99 | 96980 | ( ML/EPA 524.2 ) | 2-Butanone (MEK)              | ND | ug/l | 5.0  | 1 |
|  | 05/27/99 | 96980 | ( ML/EPA 524.2 ) | o-Chlorotoluene               | ND | ug/l | 0.50 | 1 |
|  | 05/27/99 | 96980 | ( ML/EPA 524.2 ) | p-Chlorotoluene               | ND | ug/l | 0.50 | 1 |
|  | 05/27/99 | 96980 | ( ML/EPA 524.2 ) | 4-Methyl-2-Pentanone (MIBK)   | ND | ug/l | 5.0  | 1 |
|  | 05/27/99 | 96980 | ( ML/EPA 524.2 ) | Benzene                       | ND | ug/l | 0.50 | 1 |
|  | 05/27/99 | 96980 | ( ML/EPA 524.2 ) | Bromobenzene                  | ND | ug/l | 0.50 | 1 |
|  | 05/27/99 | 96980 | ( ML/EPA 524.2 ) | Bromomethane (Methyl Bromide) | ND | ug/l | 0.50 | 1 |
|  | 05/27/99 | 96980 | ( ML/EPA 524.2 ) | cis-1,2-Dichloroethylene      | ND | ug/l | 0.50 | 1 |
|  | 05/27/99 | 96980 | ( ML/EPA 524.2 ) | Chlorobenzene                 | ND | ug/l | 0.50 | 1 |
|  | 05/27/99 | 96980 | ( ML/EPA 524.2 ) | Carbon Tetrachloride          | ND | ug/l | 0.50 | 1 |
|  | 05/27/99 | 96980 | ( ML/EPA 524.2 ) | cis-1,3-Dichloropropene       | ND | ug/l | 0.50 | 1 |
|  | 05/27/99 | 96980 | ( ML/EPA 524.2 ) | Bromoform                     | ND | ug/l | 0.50 | 1 |

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**Laboratory  
 Report  
 #54597**

Foster Wheeler Environmental, Inc  
 (continued)

| Prepared | Analyzed | QC Batch# | Method            | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|-------------------|---------------------------------|--------|-------|------|----------|
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Chloroform (Trichloromethane)   | 0.5    | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Bromochloromethane              | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Chloroethane                    | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Chloromethane(Methyl Chloride)  | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Chlorodibromomethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Dibromomethane                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Bromodichloromethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Dichloromethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Ethyl benzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/E524.2/624 ) | Dichlorodifluoromethane         | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Fluorotrichloromethane-Freon11  | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Hexachlorobutadiene             | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Isopropylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | m-Dichlorobenzene (1,3-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | m,p-Xylenes                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Naphthalene                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | n-Butylbenzene                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | n-Propylbenzene                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | o-Xylene                        | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | o-Dichlorobenzene (1,2-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Tetrachloroethylene (PCB)       | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | p-Isopropyltoluene              | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | sec-Butylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Styrene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | trans-1,2-Dichloroethylene      | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | tert-Butylbenzene               | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Trichloroethylene (TCE)         | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Trichlorotrifluoroethane (Freon | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | trans-1,3-Dichloropropene       | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Toluene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Vinyl chloride (VC)             | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )     | None detected                   | ND     |       |      | 1        |
|          |          |           | ( Surrogate )     | 1,2-Dichloroethane-d4           | 102    | % Rec |      |          |
|          |          |           | ( Surrogate )     | 4-Bromofluorobenzene            | 104    | % Rec |      |          |
|          |          |           | ( Surrogate )     | Toluene-d8                      | 99     | % Rec |      |          |

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**Laboratory  
Report  
#54597**

Foster Wheeler Environmental, Inc  
(continued)

| Prepared                                 | Analyzed | QC Batch# | Method            | Analyte                                     | Result                     | Units   | MRL    | Dilution |
|------------------------------------------|----------|-----------|-------------------|---------------------------------------------|----------------------------|---------|--------|----------|
| <b>MW-992-022 (990525255)</b>            |          |           |                   |                                             | <b>Sampled on 05/25/99</b> |         |        |          |
|                                          | 06/03/99 | 97351     | ( ML/SM2320B )    | Alkalinity                                  | 163                        | mg/l    | 2.0    | 1        |
|                                          | 06/09/99 |           | ( ML/SM1040 )     | Anion Sum                                   | 4.00                       | meq/l   | 0.0010 | 1        |
| 06/10/99                                 | 06/11/99 | 97497     | ( S3113B/E200.9 ) | Arsenic, Total, GF                          | ND                         | mg/l    | 0.005  | 1        |
| 05/27/99                                 | 05/27/99 | 96843     | ( ML/EPA 200.7 )  | Calcium, Total, ICAP                        | 37.4                       | mg/l    | 1.0    | 1        |
|                                          | 06/07/99 |           | ( ML/SM1040 )     | Cation Sum                                  | 4.16                       | meq/l   | 0.0010 | 1        |
|                                          | 05/26/99 | 97037     | ( ML/EPA 300 )    | Chloride                                    | 12.3                       | mg/l    | 1.0    | 1        |
|                                          | 06/15/99 | 97643     | ( MOD/EPA 300 )   | Perchlorate                                 | ND                         | ug/l    | 4.0    | 1        |
|                                          | 06/09/99 |           | ( ML/SM2320B )    | Carbonate as CO <sub>3</sub> , Calculated   | 2.57                       | mg/l    | 0.0010 | 1        |
| 06/10/99                                 | 06/11/99 | 97461     | ( EPA/ML 200.8 )  | Chromium, Total, ICAP/MS                    | ND                         | ug/l    | 10     | 1        |
|                                          | 05/25/99 | 96777     | ( ML/SW 7196 )    | Hexavalent chromium (Cr VI)                 | ND                         | mg/l    | 0.005  | 1        |
|                                          | 05/27/99 | 96826     | ( ML/S2510B )     | Specific Conductance                        | 370                        | umho/cm | 4.0    | 1        |
| 06/10/99                                 | 06/11/99 | 97462     | ( EPA/ML 200.8 )  | Iron, Total, ICAP/MS                        | 440                        | ug/l    | 100    | 1        |
|                                          | 06/09/99 |           | ( ML/SM2320B )    | Bicarbonate as HCO <sub>3</sub> ,calculated | 198                        | mg/l    | 0.0010 | 1        |
| 05/27/99                                 | 05/27/99 | 96845     | ( ML/EPA 200.7 )  | Potassium, Total, ICAP                      | 2.2                        | mg/l    | 1.0    | 1        |
| 05/27/99                                 | 05/27/99 | 96847     | ( ML/EPA 200.7 )  | Magnesium, Total, ICAP                      | 13.4                       | mg/l    | 0.10   | 1        |
| 05/27/99                                 | 05/27/99 | 96849     | ( ML/EPA 200.7 )  | Sodium, Total, ICAP                         | 25.9                       | mg/l    | 1.0    | 1        |
|                                          | 05/26/99 | 97056     | ( ML/EPA 300.0 )  | Nitrate-N by IC                             | ND                         | mg/l    | 0.10   | 1        |
| 06/10/99                                 | 06/11/99 | 97463     | ( EPA/ML 200.8 )  | Lead, Total, ICAP/MS                        | ND                         | ug/l    | 2.0    | 1        |
|                                          | 05/27/99 | 96894     | ( ML/SM 4500HB)   | Lab pH                                      | 8.3                        | Units   | 0.0010 | 1        |
|                                          | 05/26/99 | 97058     | ( ML/EPA 300.0 )  | Sulfate                                     | 18.9                       | mg/l    | 2.0    | 1        |
|                                          | 06/01/99 | 97104     | ( ML/SM2540C )    | Total Dissolved Solid (TDS)                 | 240                        | mg/l    | 10     | 1        |
| <b>Regulated VOCs plus Lists 1&amp;3</b> |          |           |                   |                                             |                            |         |        |          |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | 1,1,1,2-Tetrachloroethane                   | ND                         | ug/l    | 0.50   | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | 1,1,1-Trichloroethane                       | ND                         | ug/l    | 0.50   | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | 1,1,2,2-Tetrachloroethane                   | ND                         | ug/l    | 0.50   | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | 1,1,2-Trichloroethane                       | ND                         | ug/l    | 0.50   | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | 1,1-Dichloroethane                          | ND                         | ug/l    | 0.50   | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | 1,1-Dichloroethylene                        | ND                         | ug/l    | 0.50   | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | 1,1-Dichloropropene                         | ND                         | ug/l    | 0.50   | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | 1,2,3-Trichlorobenzene                      | ND                         | ug/l    | 0.50   | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | 1,2,3-Trichloropropane                      | ND                         | ug/l    | 0.50   | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | 1,2,4-Trichlorobenzene                      | ND                         | ug/l    | 0.50   | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | 1,2,4-Trimethylbenzene                      | ND                         | ug/l    | 0.50   | 1        |

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**Laboratory  
Report  
#54597**

**Foster Wheeler Environmental, Inc**  
**(continued)**

| Prepared | Analyzed | QC Batch# | Method            | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|-------------------|---------------------------------|--------|-------|------|----------|
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | 1,2-Dichloroethane              | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | 1,2-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | 1,3,5-Trimethylbenzene          | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | 1,3-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | p-Dichlorobenzene (1,4-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | 2,2-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | 2-Butanone (MEK)                | ND     | ug/l  | 5.0  | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | o-Chlorotoluene                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | p-Chlorotoluene                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | 4-Methyl-2-Pentanone (MIBK)     | ND     | ug/l  | 5.0  | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Benzene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Bromobenzene                    | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Bromomethane (Methyl Bromide)   | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | cis-1,2-Dichloroethylene        | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Chlorobenzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Carbon Tetrachloride            | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | cis-1,3-Dichloropropene         | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Bromoform                       | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Chloroform (Trichloromethane)   | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Bromochloromethane              | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Chloroethane                    | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Chloromethane (Methyl Chloride) | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Chlorodibromomethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Dibromomethane                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Bromodichloromethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Dichloromethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Ethyl benzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/E524.2/624 ) | Dichlorodifluoromethane         | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Fluorotrichloromethane-Freon11  | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Hexachlorobutadiene             | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Isopropylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | m-Dichlorobenzene (1,3-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | m,p-Xylenes                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Naphthalene                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | n-Butylbenzene                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | n-Propylbenzene                 | ND     | ug/l  | 0.50 | 1        |

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**Laboratory  
 Report  
 #54597**

Foster Wheeler Environmental, Inc  
 (continued)

| Prepared | Analyzed | QC Batch# | Method           | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|------------------|---------------------------------|--------|-------|------|----------|
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | o-Xylene                        | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | o-Dichlorobenzene (1,2-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | Tetrachloroethylene (PCE)       | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | p-Isopropyltoluene              | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | sec-Butylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | Styrene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | trans-1,2-Dichloroethylene      | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | tert-Butylbenzene               | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | Trichloroethylene (TCE)         | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | Trichlorotrifluoroethane (Freon | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | trans-1,3-Dichloropropene       | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | Toluene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | Vinyl chloride (VC)             | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )    | None detected                   | ND     |       |      | 1        |
|          |          |           | ( Surrogate )    | 1,2-Dichloroethane-d4           | 111    | % Rec |      |          |
|          |          |           | ( Surrogate )    | 4-Bromofluorobenzene            | 104    | % Rec |      |          |
|          |          |           | ( Surrogate )    | Toluene-d8                      | 101    | % Rec |      |          |

**MW-992-021 (990525256)****Sampled on 05/25/99**

|          |          |       |                   |                                |      |         |        |   |
|----------|----------|-------|-------------------|--------------------------------|------|---------|--------|---|
|          | 06/03/99 | 97351 | ( ML/SM2320B )    | Alkalinity                     | 175  | mg/l    | 2.0    | 1 |
|          | 06/09/99 |       | ( ML/SM1040 )     | Anion Sum                      | 4.72 | meq/l   | 0.0010 | 1 |
| 06/10/99 | 06/11/99 | 97497 | ( S3113B/E200.9 ) | Arsenic, Total, GF             | ND   | mg/l    | 0.005  | 1 |
| 05/27/99 | 05/27/99 | 96843 | ( ML/EPA 200.7 )  | Calcium, Total, ICAP           | 47.0 | mg/l    | 1.0    | 1 |
|          | 06/07/99 |       | ( ML/SM1040 )     | Cation Sum                     | 4.91 | meq/l   | 0.0010 | 1 |
|          | 05/26/99 | 97037 | ( ML/EPA 300 )    | Chloride                       | 15.0 | mg/l    | 1.0    | 1 |
|          | 06/15/99 | 97643 | ( MOD/EPA 300 )   | Perchlorate                    | ND   | ug/l    | 4.0    | 1 |
|          | 06/09/99 |       | ( ML/SM2320B )    | Carbonate as CO3, Calculated   | 3.46 | mg/l    | 0.0010 | 1 |
| 06/10/99 | 06/11/99 | 97461 | ( EPA/ML 200.8 )  | Chromium, Total, ICAP/MS       | ND   | ug/l    | 10     | 1 |
|          | 05/25/99 | 96777 | ( ML/SW 7196 )    | Hexavalent chromium (Cr VI)    | ND   | mg/l    | 0.005  | 1 |
|          | 05/27/99 | 96827 | ( ML/S2510B )     | Specific Conductance           | 440  | umho/cm | 4.0    | 1 |
| 06/10/99 | 06/11/99 | 97462 | ( EPA/ML 200.8 )  | Iron, Total, ICAP/MS           | 230  | ug/l    | 100    | 1 |
|          | 06/09/99 |       | ( ML/SM2320B )    | Bicarbonate as HCO3,calculated | 212  | mg/l    | 0.0010 | 1 |
| 05/27/99 | 05/27/99 | 96845 | ( ML/EPA 200.7 )  | Potassium, Total, ICAP         | 3.1  | mg/l    | 1.0    | 1 |
| 05/27/99 | 05/27/99 | 96847 | ( ML/EPA 200.7 )  | Magnesium, Total, ICAP         | 18.0 | mg/l    | 0.10   | 1 |
| 05/27/99 | 05/27/99 | 96849 | ( ML/EPA 200.7 )  | Sodium, Total, ICAP            | 23.0 | mg/l    | 1.0    | 1 |
|          | 05/26/99 | 97056 | ( ML/EPA 300.0 )  | Nitrate-N by IC                | 0.42 | mg/l    | 0.10   | 1 |

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**Laboratory  
 Report  
 #54597**

Foster Wheeler Environmental, Inc  
 (continued)

| Prepared                                 | Analyzed | QC Batch# | Method           | Analyte                       | Result | Units | MRL    | Dilution |
|------------------------------------------|----------|-----------|------------------|-------------------------------|--------|-------|--------|----------|
| 06/10/99                                 | 06/11/99 | 97463     | ( EPA/ML 200.8 ) | Lead, Total, ICAP/MS          | ND     | ug/l  | 2.0    | 1        |
|                                          | 05/27/99 | 96894     | ( ML/SM 4500HB)  | Lab pH                        | 8.4    | Units | 0.0010 | 1        |
|                                          | 05/26/99 | 97058     | ( ML/EPA 300.0 ) | Sulfate                       | 36.8   | mg/l  | 2.0    | 1        |
|                                          | 06/01/99 | 97104     | ( ML/SM2540C )   | Total Dissolved Solid (TDS)   | 270    | mg/l  | 10     | 1        |
| <b>Regulated VOCs plus Lists 1&amp;3</b> |          |           |                  |                               |        |       |        |          |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | 1,1,1,2-Tetrachloroethane     | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | 1,1,1-Trichloroethane         | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | 1,1,2,2-Tetrachloroethane     | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | 1,1,2-Trichloroethane         | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | 1,1-Dichloroethane            | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | 1,1-Dichloroethylene          | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | 1,1-Dichloropropene           | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | 1,2,3-Trichlorobenzene        | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | 1,2,3-Trichloropropane        | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | 1,2,4-Trichlorobenzene        | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | 1,2,4-Trimethylbenzene        | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | 1,2-Dichloroethane            | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | 1,2-Dichloropropane           | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | 1,3,5-Trimethylbenzene        | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | 1,3-Dichloropropane           | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | p-Dichlorobenzene (1,4-DCB)   | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | 2,2-Dichloropropane           | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | 2-Butanone (MEK)              | ND     | ug/l  | 5.0    | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | o-Chlorotoluene               | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | p-Chlorotoluene               | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | 4-Methyl-2-Pentanone (MIBK)   | ND     | ug/l  | 5.0    | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | Benzene                       | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | Bromobenzene                  | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | Bromomethane (Methyl Bromide) | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | cis-1,2-Dichloroethylene      | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | Chlorobenzene                 | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | Carbon Tetrachloride          | 0.5    | ug/l  | 0.50   | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | cis-1,3-Dichloropropene       | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | Bromoform                     | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | Chloroform (Trichloromethane) | 0.7    | ug/l  | 0.50   | 1        |

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**Laboratory****Report****#54597**Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method            | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|-------------------|---------------------------------|--------|-------|------|----------|
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Bromochloromethane              | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Chloroethane                    | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Chloromethane (Methyl Chloride) | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Chlorodibromomethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Dibromomethane                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Bromodichloromethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Dichloromethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Ethyl benzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/E524.2/624 ) | Dichlorodifluoromethane         | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Fluorotrichloromethane-Freon11  | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Hexachlorobutadiene             | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Isopropylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | m-Dichlorobenzene (1,3-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | m,p-Xylenes                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Naphthalene                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | n-Butylbenzene                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | n-Propylbenzene                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | o-Xylene                        | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | o-Dichlorobenzene (1,2-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Tetrachloroethylene (PCE)       | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | p-Isopropyltoluene              | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | sec-Butylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Styrene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | trans-1,2-Dichloroethylene      | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | tert-Butylbenzene               | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Trichloroethylene (TCE)         | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Trichlorotrifluoroethane (Freon | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | trans-1,3-Dichloropropene       | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Toluene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Vinyl chloride (VC)             | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )     | None detected                   | ND     |       |      | 1        |
|          |          |           | ( Surrogate       | 1,2-Dichloroethane-d4           | 103    | % Rec |      |          |
|          |          |           | ( Surrogate       | 4-Bromofluorobenzene            | 103    | % Rec |      |          |
|          |          |           | ( Surrogate       | Toluene-d8                      | 100    | % Rec |      |          |

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**Laboratory****Report****#54597**Foster Wheeler Environmental, Inc  
(continued)

| Prepared                                 | Analyzed | QC Batch# | Method            | Analyte                                      | Result | Units   | MRL    | Dilution |
|------------------------------------------|----------|-----------|-------------------|----------------------------------------------|--------|---------|--------|----------|
| <b>MW-992-020 (990525257)</b>            |          |           |                   | <b>Sampled on 05/25/99</b>                   |        |         |        |          |
|                                          | 06/03/99 | 97351     | ( ML/SM2320B )    | Alkalinity                                   | 190    | mg/l    | 2.0    | 1        |
|                                          | 06/09/99 |           | ( ML/SM1040 )     | Anion Sum                                    | 5.15   | meq/l   | 0.0010 | 1        |
| 06/10/99                                 | 06/11/99 | 97497     | ( S3113B/E200.9 ) | Arsenic, Total, GF                           | ND     | mg/l    | 0.005  | 1        |
| 05/27/99                                 | 05/27/99 | 96843     | ( ML/EPA 200.7 )  | Calcium, Total, ICAP                         | 50.8   | mg/l    | 1.0    | 1        |
|                                          | 06/07/99 |           | ( ML/SM1040 )     | Cation Sum                                   | 5.33   | meq/l   | 0.0010 | 1        |
|                                          | 05/26/99 | 97037     | ( ML/EPA 300 )    | Chloride                                     | 16.6   | mg/l    | 1.0    | 1        |
|                                          | 06/15/99 | 97643     | ( MOD/EPA 300 )   | Perchlorate                                  | ND     | ug/l    | 4.0    | 1        |
|                                          | 06/09/99 |           | ( ML/SM2320B )    | Carbonate as CO <sub>3</sub> , Calculated    | 1.50   | mg/l    | 0.0010 | 1        |
| 06/10/99                                 | 06/11/99 | 97461     | ( EPA/ML 200.8 )  | Chromium, Total, ICAP/MS                     | ND     | ug/l    | 10     | 1        |
|                                          | 05/25/99 | 96777     | ( ML/SW 7196 )    | Hexavalent chromium (Cr VI)                  | ND     | mg/l    | 0.005  | 1        |
|                                          | 05/27/99 | 96827     | ( ML/S2510B )     | Specific Conductance                         | 480    | umho/cm | 4.0    | 1        |
| 06/10/99                                 | 06/11/99 | 97462     | ( EPA/ML 200.8 )  | Iron, Total, ICAP/MS                         | 105    | ug/l    | 100    | 1        |
|                                          | 06/09/99 |           | ( ML/SM2320B )    | Bicarbonate as HCO <sub>3</sub> , calculated | 231    | mg/l    | 0.0010 | 1        |
| 05/27/99                                 | 05/27/99 | 96845     | ( ML/EPA 200.7 )  | Potassium, Total, ICAP                       | 3.1    | mg/l    | 1.0    | 1        |
| 05/27/99                                 | 05/27/99 | 96847     | ( ML/EPA 200.7 )  | Magnesium, Total, ICAP                       | 19.6   | mg/l    | 0.10   | 1        |
| 05/27/99                                 | 05/27/99 | 96849     | ( ML/EPA 200.7 )  | Sodium, Total, ICAP                          | 25.3   | mg/l    | 1.0    | 1        |
|                                          | 05/26/99 | 97056     | ( ML/EPA 300.0 )  | Nitrate-N by IC                              | 0.52   | mg/l    | 0.10   | 1        |
| 06/10/99                                 | 06/11/99 | 97463     | ( EPA/ML 200.8 )  | Lead, Total, ICAP/MS                         | ND     | ug/l    | 2.0    | 1        |
|                                          | 05/27/99 | 96894     | ( ML/SM 4500HB )  | Lab pH                                       | 8.0    | Units   | 0.0010 | 1        |
|                                          | 05/26/99 | 97058     | ( ML/EPA 300.0 )  | Sulfate                                      | 40.5   | mg/l    | 2.0    | 1        |
|                                          | 06/01/99 | 97104     | ( ML/SM2540C )    | Total Dissolved Solid (TDS)                  | 300    | mg/l    | 10     | 1        |
| <b>Regulated VOCs plus Lists 1&amp;3</b> |          |           |                   |                                              |        |         |        |          |
|                                          | 05/27/99 | 96980     | ( ML/EPA S24.2 )  | 1,1,1,2-Tetrachloroethane                    | ND     | ug/l    | 0.50   | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA S24.2 )  | 1,1,1-Trichloroethane                        | ND     | ug/l    | 0.50   | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA S24.2 )  | 1,1,2,2-Tetrachloroethane                    | ND     | ug/l    | 0.50   | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA S24.2 )  | 1,1,2-Trichloroethane                        | ND     | ug/l    | 0.50   | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA S24.2 )  | 1,1-Dichloroethane                           | ND     | ug/l    | 0.50   | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA S24.2 )  | 1,1-Dichloroethylene                         | ND     | ug/l    | 0.50   | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA S24.2 )  | 1,1-Dichloropropene                          | ND     | ug/l    | 0.50   | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA S24.2 )  | 1,2,3-Trichlorobenzene                       | ND     | ug/l    | 0.50   | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA S24.2 )  | 1,2,3-Trichloropropane                       | ND     | ug/l    | 0.50   | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA S24.2 )  | 1,2,4-Trichlorobenzene                       | ND     | ug/l    | 0.50   | 1        |
|                                          | 05/27/99 | 96980     | ( ML/EPA S24.2 )  | 1,2,4-Trimethylbenzene                       | ND     | ug/l    | 0.50   | 1        |



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**Laboratory  
Report  
#54597**

Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method            | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|-------------------|---------------------------------|--------|-------|------|----------|
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | 1,2-Dichloroethane              | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | 1,2-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | 1,3,5-Trimethylbenzene          | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | 1,3-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | p-Dichlorobenzene (1,4-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | 2,2-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | 2-Butanone (MEK)                | ND     | ug/l  | 5.0  | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | o-Chlorotoluene                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | p-Chlorotoluene                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | 4-Methyl-2-Pentanone (MIBK)     | ND     | ug/l  | 5.0  | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Benzene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Bromobenzene                    | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Bromomethane (Methyl Bromide)   | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | cis-1,2-Dichloroethylene        | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Chlorobenzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Carbon Tetrachloride            | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | cis-1,3-Dichloropropene         | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Bromoform                       | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Chloroform (Trichloromethane)   | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Bromochloromethane              | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Chloroethane                    | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Chloromethane (Methyl Chloride) | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Chlorodibromomethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Dibromomethane                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Bromodichloromethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Dichloromethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Ethyl benzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/E524.2/624 ) | Dichlorodifluoromethane         | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Fluorotrichloromethane-Freon11  | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Hexachlorobutadiene             | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Isopropylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | m-Dichlorobenzene (1,3-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | m,p-Xylenes                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | Naphthalene                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | n-Butylbenzene                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 )  | n-Propylbenzene                 | ND     | ug/l  | 0.50 | 1        |

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**Laboratory****Report****#54597**Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method           | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|------------------|---------------------------------|--------|-------|------|----------|
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | o-Xylene                        | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | o-Dichlorobenzene (1,2-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | Tetrachloroethylene (PCE)       | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | p-Isopropyltoluene              | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | sec-Butylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | Styrene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | trans-1,2-Dichloroethylene      | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | tert-Butylbenzene               | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | Trichloroethylene (TCE)         | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | Trichlorotrifluoroethane (Freon | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | trans-1,3-Dichloropropene       | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | Toluene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/27/99 | 96980     | ( ML/EPA 524.2 ) | Vinyl chloride (VC)             | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )    | None detected                   | ND     |       |      | 1        |
|          |          |           | ( Surrogate )    | 1,2-Dichloroethane-d4           | 109    | % Rec |      |          |
|          |          |           | ( Surrogate )    | 4-Bromofluorobenzene            | 96     | % Rec |      |          |
|          |          |           | ( Surrogate )    | Toluene-d8                      | 97     | % Rec |      |          |

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Laboratory

QC Report

#54597

Foster Wheeler Environmental, Inc

**QC Batch #96777****Hexavalent chromium (Cr VI)**

| QC   | Analyte                     | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|-----------------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample               | Lab # 99 | 0525252   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Hexavalent chromium (Cr VI) | 0.050    | 0.049     | 98.0      | ( 78.00 - 118.00 ) |         |
| LCS2 | Hexavalent chromium (Cr VI) | 0.050    | 0.050     | 100.0     | ( 78.00 - 118.00 ) | 2.0     |
| MBLK | Hexavalent chromium (Cr VI) | ND       |           |           |                    |         |
| MS   | Hexavalent chromium (Cr VI) | 0.050    | 0.048     | 96.0      | ( 80.00 - 120.00 ) |         |
| MSD  | Hexavalent chromium (Cr VI) | 0.050    | 0.047     | 94.0      | ( 80.00 - 120.00 ) | 2.1     |

**QC Batch #96826****Specific Conductance**

| QC  | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)      | RPD (%) |
|-----|---------------|----------|-----------|-----------|-----------------|---------|
| DUP | Spiked sample | lab # 99 | 0525255   |           | ( 0.00 - 0.00 ) |         |

**QC Batch #96827****Specific Conductance**

| QC  | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)      | RPD (%) |
|-----|---------------|----------|-----------|-----------|-----------------|---------|
| DUP | Spiked sample | Lab # 99 | 0526010   |           | ( 0.00 - 0.00 ) |         |

**QC Batch #96843****Calcium, Total, ICAP**

| QC   | Analyte              | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|----------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample        | Lab # 99 | 0520157   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Calcium, Total, ICAP | 50       | 51.0      | 102.0     | ( 85.00 - 115.00 ) |         |
| LCS2 | Calcium, Total, ICAP | 50       | 51.9      | 103.8     | ( 85.00 - 115.00 ) | 1.7     |
| MBLK | Calcium, Total, ICAP | ND       |           |           |                    |         |
| MS   | Calcium, Total, ICAP | 50       | 53.2      | 106.4     | ( 70.00 - 130.00 ) |         |
| MSD  | Calcium, Total, ICAP | 50       | 51.1      | 102.2     | ( 70.00 - 130.00 ) | 4.0     |

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QC Report

#54597

Foster Wheeler Environmental, Inc  
(continued)**QC Batch #96845****Potassium, Total, ICAP**

| QC   | Analyte                | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|------------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample          | Lab # 99 | 0520157   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Potassium, Total, ICAP | 20       | 20.2      | 101.0     | ( 80.00 - 110.00 ) |         |
| LCS2 | Potassium, Total, ICAP | 20       | 20.6      | 103.0     | ( 80.00 - 110.00 ) | 2.0     |
| MBLK | Potassium, Total, ICAP | ND       |           |           |                    |         |
| MS   | Potassium, Total, ICAP | 20       | 20.9      | 104.5     | ( 80.00 - 120.00 ) |         |
| MSD  | Potassium, Total, ICAP | 20       | 20.2      | 101.0     | ( 80.00 - 120.00 ) | 3.4     |

**QC Batch #96847****Magnesium, Total, ICAP**

| QC   | Analyte                | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|------------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample          | Lab # 99 | 0520157   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Magnesium, Total, ICAP | 20       | 20.8      | 104.0     | ( 85.00 - 115.00 ) |         |
| LCS2 | Magnesium, Total, ICAP | 20       | 21.2      | 106.0     | ( 85.00 - 115.00 ) | 1.9     |
| MBLK | Magnesium, Total, ICAP | ND       |           |           |                    |         |
| MS   | Magnesium, Total, ICAP | 20       | 22.3      | 111.5     | ( 70.00 - 130.00 ) |         |
| MSD  | Magnesium, Total, ICAP | 20       | 21.4      | 107.0     | ( 70.00 - 130.00 ) | 4.1     |

**QC Batch #96849****Sodium, Total, ICAP**

| QC   | Analyte             | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|---------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample       | Lab # 99 | 0520157   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Sodium, Total, ICAP | 50       | 51.0      | 102.0     | ( 85.00 - 115.00 ) |         |
| LCS2 | Sodium, Total, ICAP | 50       | 52.1      | 104.2     | ( 85.00 - 115.00 ) | 2.1     |
| MBLK | Sodium, Total, ICAP | ND       |           |           |                    |         |
| MS   | Sodium, Total, ICAP | 50       | 47.3      | 94.6      | ( 70.00 - 130.00 ) |         |
| MSD  | Sodium, Total, ICAP | 50       | 44.5      | 89.0      | ( 70.00 - 130.00 ) | 6.1     |

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Foster Wheeler Environmental, Inc  
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**QC Batch #96894****Lab pH**

| QC  | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)      | RPD (%) |
|-----|---------------|----------|-----------|-----------|-----------------|---------|
| DUP | Spiked sample | lab # 99 | 0526111   |           | ( 0.00 - 0.00 ) |         |

**QC Batch #96980****Regulated VOCs plus Lists 1&3**

| QC   | Analyte                   | Spiked | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|---------------------------|--------|-----------|-----------|--------------------|---------|
| MBLK | 1,1,1,2-Tetrachloroethane | ND     |           |           |                    |         |
| LCS1 | 1,1,1-Trichloroethane     | 4      | 3.93      | 98.2      | ( 70.00 - 130.00 ) |         |
| MBLK | 1,1,1-Trichloroethane     | ND     |           |           |                    |         |
| LCS1 | 1,1,2,2-Tetrachloroethane | 4      | 4.21      | 105.2     | ( 70.00 - 130.00 ) |         |
| MBLK | 1,1,2,2-Tetrachloroethane | ND     |           |           |                    |         |
| LCS1 | 1,1,2-Trichloroethane     | 4      | 4.28      | 107.0     | ( 70.00 - 130.00 ) |         |
| MBLK | 1,1,2-Trichloroethane     | ND     |           |           |                    |         |
| LCS1 | 1,1-Dichloroethane        | 4      | 4.78      | 119.5     | ( 70.00 - 130.00 ) |         |
| MBLK | 1,1-Dichloroethane        | ND     |           |           |                    |         |
| LCS1 | 1,1-Dichloroethylene      | 4      | 3.61      | 90.2      | ( 70.00 - 130.00 ) |         |
| MBLK | 1,1-Dichloroethylene      | ND     |           |           |                    |         |
| MS   | 1,1-Dichloroethylene      | 4      | 3.73      | 93.2      | ( 70.00 - 130.00 ) |         |
| MSD  | 1,1-Dichloroethylene      | 4      | 3.43      | 85.8      | ( 70.00 - 130.00 ) | 8.4     |
| MBLK | 1,1-Dichloropropene       | ND     |           |           |                    |         |
| MBLK | 1,2,3-Trichlorobenzene    | ND     |           |           |                    |         |
| MBLK | 1,2,3-Trichloropropane    | ND     |           |           |                    |         |
| LCS1 | 1,2,4-Trichlorobenzene    | 4      | 4.30      | 107.5     | ( 70.00 - 130.00 ) |         |
| MBLK | 1,2,4-Trichlorobenzene    | ND     |           |           |                    |         |
| MBLK | 1,2,4-Trimethylbenzene    | ND     |           |           |                    |         |
| LCS1 | 1,2-Dichloroethane        | 4      | 4.06      | 101.5     | ( 70.00 - 130.00 ) |         |
| MBLK | 1,2-Dichloroethane        | ND     |           |           |                    |         |
| LCS1 | 1,2-Dichloropropane       | 4      | 4.24      | 106.0     | ( 70.00 - 130.00 ) |         |
| MBLK | 1,2-Dichloropropane       | ND     |           |           |                    |         |
| MBLK | 1,3,5-Trimethylbenzene    | ND     |           |           |                    |         |
| LCS1 | 1,3-Dichloropropane       | 8      | 7.94      | 99.2      | ( 70.00 - 130.00 ) |         |
| MBLK | 1,3-Dichloropropane       | ND     |           |           |                    |         |

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|      |                                 |          |         |       |                    |      |
|------|---------------------------------|----------|---------|-------|--------------------|------|
| LCS1 | p-Dichlorobenzene (1,4-DCB)     | 4        | 4.27    | 106.7 | ( 70.00 - 130.00 ) |      |
| MBLK | p-Dichlorobenzene (1,4-DCB)     | ND       |         |       |                    |      |
| MBLK | 2,2-Dichloropropane             | ND       |         |       |                    |      |
| MBLK | 2-Butanone (MEK)                | ND       |         |       |                    |      |
| MBLK | 2-Chloroethylvinylether         | ND       |         |       |                    |      |
| MBLK | o-Chlorotoluene                 | ND       |         |       |                    |      |
| MBLK | p-Chlorotoluene                 | ND       |         |       |                    |      |
| MBLK | 4-Methyl-2-Pentanone (MIBK)     | ND       |         |       |                    |      |
| MS   | Spiked sample                   | Lab # 99 | 0524254 |       | ( 0.00 - 0.00 )    |      |
| LCS1 | Benzene                         | 4        | 4.18    | 104.5 | ( 70.00 - 130.00 ) |      |
| MBLK | Benzene                         | ND       |         |       |                    |      |
| MS   | Benzene                         | 4        | 4.12    | 103.0 | ( 70.00 - 130.00 ) |      |
| MSD  | Benzene                         | 4        | 4.20    | 105.0 | ( 70.00 - 130.00 ) | 1.9  |
| MBLK | Bromobenzene                    | ND       |         |       |                    |      |
| MBLK | Bromomethane (Methyl Bromide)   | ND       |         |       |                    |      |
| LCS1 | cis-1,2-Dichloroethylene        | 4        | 4.07    | 101.8 | ( 70.00 - 130.00 ) |      |
| MBLK | cis-1,2-Dichloroethylene        | ND       |         |       |                    |      |
| LCS1 | Chlorobenzene                   | 4        | 4.15    | 103.8 | ( 70.00 - 130.00 ) |      |
| MBLK | Chlorobenzene                   | ND       |         |       |                    |      |
| MS   | Chlorobenzene                   | 4        | 4.25    | 106.2 | ( 70.00 - 130.00 ) |      |
| MSD  | Chlorobenzene                   | 4        | 4.21    | 105.2 | ( 70.00 - 130.00 ) | 0.95 |
| LCS1 | Carbon Tetrachloride            | 4        | 4.11    | 102.8 | ( 70.00 - 130.00 ) |      |
| MBLK | Carbon Tetrachloride            | ND       |         |       |                    |      |
| MBLK | cis-1,3-Dichloropropene         | ND       |         |       |                    |      |
| LCS1 | Bromoform                       | 4        | 3.68    | 92.0  | ( 70.00 - 130.00 ) |      |
| MBLK | Bromoform                       | ND       |         |       |                    |      |
| LCS1 | Chloroform (Trichloromethane)   | 4        | 4.04    | 101.0 | ( 70.00 - 130.00 ) |      |
| MBLK | Chloroform (Trichloromethane)   | ND       |         |       |                    |      |
| MBLK | Bromochloromethane              | ND       |         |       |                    |      |
| MBLK | Chloroethane                    | ND       |         |       |                    |      |
| MBLK | Chloromethane (Methyl Chloride) | ND       |         |       |                    |      |
| LCS1 | Chlorodibromomethane            | 4        | 3.99    | 99.8  | ( 70.00 - 130.00 ) |      |
| MBLK | Chlorodibromomethane            | ND       |         |       |                    |      |
| MBLK | Dibromomethane                  | ND       |         |       |                    |      |
| LCS1 | Bromodichloromethane            | 4        | 3.99    | 99.8  | ( 70.00 - 130.00 ) |      |
| MBLK | Bromodichloromethane            | ND       |         |       |                    |      |
| LCS1 | Dichloromethane                 | 4        | 4.71    | 117.8 | ( 70.00 - 130.00 ) |      |

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(continued)

|      |                                |     |      |       |                    |      |
|------|--------------------------------|-----|------|-------|--------------------|------|
| MBLK | Dichloromethane                | ND  |      |       |                    |      |
| LCS1 | Ethyl benzene                  | 4   | 4.14 | 103.5 | ( 70.00 - 130.00 ) |      |
| MBLK | Ethyl benzene                  | ND  |      |       |                    |      |
| MBLK | Dichlorodifluoromethane        | ND  |      |       |                    |      |
| LCS1 | Fluorotrichloromethane-Freon11 | 2   | 1.94 | 97.0  | ( 70.00 - 130.00 ) |      |
| MBLK | Fluorotrichloromethane-Freon11 | ND  |      |       |                    |      |
| MBLK | Hexachlorobutadiene            | ND  |      |       |                    |      |
| MBLK | Isopropylbenzene               | ND  |      |       |                    |      |
| MBLK | m-Dichlorobenzene (1,3-DCB)    | ND  |      |       |                    |      |
| LCS1 | m,p-Xylenes                    | 8   | 8.19 | 102.4 | ( 70.00 - 130.00 ) |      |
| MBLK | m,p-Xylenes                    | ND  |      |       |                    |      |
| MBLK | Naphthalene                    | ND  |      |       |                    |      |
| MBLK | n-Butylbenzene                 | ND  |      |       |                    |      |
| MBLK | n-Propylbenzene                | ND  |      |       |                    |      |
| LCS1 | o-Xylene                       | 4   | 4.21 | 105.2 | ( 70.00 - 130.00 ) |      |
| MBLK | o-Xylene                       | ND  |      |       |                    |      |
| LCS1 | o-Dichlorobenzene (1,2-DCB)    | 4   | 4.14 | 103.5 | ( 70.00 - 130.00 ) |      |
| MBLK | o-Dichlorobenzene (1,2-DCB)    | ND  |      |       |                    |      |
| LCS1 | Tetrachloroethylene (PCE)      | 4   | 4.03 | 100.8 | ( 70.00 - 130.00 ) |      |
| MBLK | Tetrachloroethylene (PCE)      | ND  |      |       |                    |      |
| MBLK | p-Isopropyltoluene             | ND  |      |       |                    |      |
| MBLK | sec-Butylbenzene               | ND  |      |       |                    |      |
| LCS1 | Styrene                        | 4   | 4.24 | 106.0 | ( 70.00 - 130.00 ) |      |
| MBLK | Styrene                        | ND  |      |       |                    |      |
| LCS1 | 1,2-dichloroethane-d4          | 100 | 97   | 97.0  | ( 80.00 - 120.00 ) |      |
| MBLK | 1,2-dichloroethane-d4          | 100 | 101  | 101.0 |                    |      |
| MS   | 1,2-dichloroethane-d4          | 100 | 103  | 103.0 | ( 80.00 - 120.00 ) |      |
| MSD  | 1,2-dichloroethane-d4          | 100 | 103  | 103.0 | ( 80.00 - 120.00 ) | 0.00 |
| LCS1 | Toluene-d8                     | 100 | 99   | 99.0  | ( 80.00 - 120.00 ) |      |
| MBLK | Toluene-d8                     | 100 | 94   | 94.0  |                    |      |
| MS   | Toluene-d8                     | 100 | 98   | 98.0  | ( 80.00 - 120.00 ) |      |
| MSD  | Toluene-d8                     | 100 | 97   | 97.0  | ( 80.00 - 120.00 ) | 1.0  |
| LCS1 | 4-Bromofluorobenzene           | 100 | 101  | 101.0 | ( 80.00 - 120.00 ) |      |
| MBLK | 4-Bromofluorobenzene           | 100 | 95   | 95.0  |                    |      |
| MS   | 4-Bromofluorobenzene           | 100 | 102  | 102.0 | ( 80.00 - 120.00 ) |      |
| MSD  | 4-Bromofluorobenzene           | 100 | 102  | 102.0 | ( 80.00 - 120.00 ) | 0.00 |
| LCS1 | trans-1,2-Dichloroethylene     | 4   | 4.08 | 102.0 | ( 70.00 - 130.00 ) |      |

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 #54597

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|      |                                 |    |      |       |                    |      |
|------|---------------------------------|----|------|-------|--------------------|------|
| MBLK | trans-1,2-Dichloroethylene      | ND |      |       |                    |      |
| MBLK | tert-Butylbenzene               | ND |      |       |                    |      |
| LCS1 | Trichloroethylene (TCE)         | 4  | 3.90 | 97.5  | ( 70.00 - 130.00 ) |      |
| MBLK | Trichloroethylene (TCE)         | ND |      |       |                    |      |
| MS   | Trichloroethylene (TCE)         | 4  | 4.36 | 109.0 | ( 70.00 - 130.00 ) |      |
| MSD  | Trichloroethylene (TCE)         | 4  | 4.40 | 110.0 | ( 70.00 - 130.00 ) | 0.91 |
| LCS1 | Trichlorotrifluoroethane (Freon | 2  | 2.29 | 114.5 | ( 70.00 - 130.00 ) |      |
| MBLK | Trichlorotrifluoroethane (Freon | ND |      |       |                    |      |
| MBLK | trans-1,3-Dichloropropene       | ND |      |       |                    |      |
| LCS1 | Toluene                         | 4  | 4.12 | 103.0 | ( 70.00 - 130.00 ) |      |
| MBLK | Toluene                         | ND |      |       |                    |      |
| MS   | Toluene                         | 4  | 4.28 | 107.0 | ( 70.00 - 130.00 ) |      |
| MSD  | Toluene                         | 4  | 4.12 | 103.0 | ( 70.00 - 130.00 ) | 3.8  |
| LCS1 | Vinyl chloride (VC)             | 2  | 1.91 | 95.5  | ( 70.00 - 130.00 ) |      |
| MBLK | Vinyl chloride (VC)             | ND |      |       |                    |      |

**QC Batch #97037****Chloride**

| QC   | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|---------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample | Lab # 99 | 0525253   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Chloride      | 25       | 24.9      | 99.6      | ( 90.00 - 110.00 ) |         |
| LCS2 | Chloride      | 25       | 25.0      | 100.0     | ( 90.00 - 110.00 ) | 0.40    |
| MBLK | Chloride      | ND       |           |           |                    |         |
| MS   | Chloride      | 25       | 27.3      | 109.2     | ( 80.00 - 120.00 ) |         |
| MSD  | Chloride      | 25       | 27.3      | 109.2     | ( 80.00 - 120.00 ) | 0.00    |

**QC Batch #97056****Nitrate-N by IC**

| QC   | Analyte         | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|-----------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample   | Lab # 99 | 0525253   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Nitrate-N by IC | 2.5      | 2.51      | 100.4     | ( 90.00 - 110.00 ) |         |
| LCS2 | Nitrate-N by IC | 2.5      | 2.52      | 100.8     | ( 90.00 - 110.00 ) | 0.40    |
| MBLK | Nitrate-N by IC | ND       |           |           |                    |         |
| MS   | Nitrate-N by IC | 2.5      | 2.76      | 110.4     | ( 80.00 - 120.00 ) |         |
| MSD  | Nitrate-N by IC | 2.5      | 2.75      | 110.0     | ( 80.00 - 120.00 ) | 0.36    |

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(continued)**QC Batch #97058****Sulfate**

| QC   | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|---------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample | Lab # 99 | 0602125   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Sulfate       | 50       | 50.7      | 101.0     | ( 90.00 - 110.00 ) |         |
| LCS2 | Sulfate       | 50       | 51.2      | 102.0     | ( 90.00 - 110.00 ) | 0.98    |
| MBLK | Sulfate       | ND       |           |           |                    |         |
| MS   | Sulfate       | 50       | 54.5      | 109.0     | ( 80.00 - 120.00 ) |         |
| MSD  | Sulfate       | 50       | 54.6      | 109.0     | ( 80.00 - 120.00 ) | 0.18    |

**QC Batch #97104****Total Dissolved Solid (TDS)**

| QC   | Analyte                     | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|-----------------------------|----------|-----------|-----------|--------------------|---------|
| DUP  | Spiked sample               | Lab # 99 | 0526020   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Total Dissolved Solid (TDS) | 175      | 168       | 96.0      | ( 85.00 - 115.00 ) |         |
| LCS2 | Total Dissolved Solid (TDS) | 700      | 668       | 95.4      | ( 85.00 - 115.00 ) |         |
| MBLK | Total Dissolved Solid (TDS) | ND       |           |           |                    |         |

**QC Batch #97351****Alkalinity**

| QC   | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|---------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample | Lab # 99 | 0524252   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Alkalinity    | 96.2     | 97.8      | 101.7     | ( 96.00 - 107.00 ) |         |
| LCS2 | Alkalinity    | 96.2     | 97.6      | 101.5     | ( 96.00 - 107.00 ) | 0.20    |
| MBLK | Alkalinity    | ND       |           |           |                    |         |
| MS   | Alkalinity    | 96.2     | 92        | 95.6      | ( 80.00 - 120.00 ) |         |
| MSD  | Alkalinity    | 96.2     | 91.2      | 94.8      | ( 80.00 - 120.00 ) | 0.87    |

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(continued)**QC Batch #97461****Chromium, Total, ICAP/MS**

| QC   | Analyte                  | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|--------------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample            | Lab # 99 | 0525109   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Chromium, Total, ICAP/MS | 100      | 106       | 106.0     | ( 85.00 - 115.00 ) |         |
| LCS2 | Chromium, Total, ICAP/MS | 100      | 101       | 101.0     | ( 85.00 - 115.00 ) | 4.8     |
| MBLK | Chromium, Total, ICAP/MS | ND       |           |           |                    |         |
| MS   | Chromium, Total, ICAP/MS | 100      | 106       | 106.0     | ( 77.00 - 119.00 ) |         |
| MSD  | Chromium, Total, ICAP/MS | 100      | 104       | 104.0     | ( 77.00 - 119.00 ) | 1.9     |

**QC Batch #97462****Iron, Total, ICAP/MS**

| QC   | Analyte              | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|----------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample        | Lab # 99 | 0525109   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Iron, Total, ICAP/MS | 500      | 527       | 105.4     | ( 85.00 - 115.00 ) |         |
| LCS2 | Iron, Total, ICAP/MS | 500      | 518       | 103.6     | ( 85.00 - 115.00 ) | 1.7     |
| MBLK | Iron, Total, ICAP/MS | ND       |           |           |                    |         |
| MS   | Iron, Total, ICAP/MS | 500      | 510       | 102.0     | ( 70.00 - 130.00 ) |         |
| MSD  | Iron, Total, ICAP/MS | 500      | 484       | 96.8      | ( 70.00 - 130.00 ) | 5.2     |

**QC Batch #97463****Lead, Total, ICAP/MS**

| QC   | Analyte              | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|----------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample        | Lab # 99 | 0525109   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Lead, Total, ICAP/MS | 20.0     | 21.6      | 108.0     | ( 87.00 - 108.00 ) |         |
| LCS2 | Lead, Total, ICAP/MS | 20.0     | 20.7      | 103.5     | ( 87.00 - 108.00 ) | 4.3     |
| MBLK | Lead, Total, ICAP/MS | ND       |           |           |                    |         |
| MS   | Lead, Total, ICAP/MS | 20.0     | 22.0      | 110.0     | ( 75.00 - 119.00 ) |         |
| MSD  | Lead, Total, ICAP/MS | 20.0     | 20.8      | 104.0     | ( 75.00 - 119.00 ) | 5.6     |

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.  
Criteria for MS and DUF are advisory only and not applicable for ICR monitoring.



# MONTGOMERY WATSON LABORATORIES

Quality Environmental Analysis

A division of Montgomery Watson Americas, Inc.  
June 28, 1999

Foster Wheeler Environmental  
611 Anton Blvd, Suite 800  
Costa Mesa, CA.92626

Attention: Mark Cutler

Re: Report # 54619 (MW-992-098, MW-992-097, MW-992-074,  
MW-992-073, MW-992-072, MW-992-071, MW-992-070)

Sampled: 5/26/99

Dear Mark,

Enclosed please find data deliverables for the recent JPL project. A detailed quality control (QC) summary follows:

**Non-conformance (LCS, MS/MSD, Surrogates, and Holding Times)**

None

**Samples requiring dilution (with increased MRL's):**

MW-992-070, -071, -072 were diluted for Anions.

**Method blanks with compounds detected:**

None

**Comments:**

Chloroform was detected in MW-992-097, -071, -070

1,1-Dichloroethane was detected in MW-992-071

1,2,3-Trichlorobenzene was detected in MW-992-070

Tetrachloroethylene was detected in MW-992-070

Trichloroethylene was detected in MW-992-070

Trichlorotrifluoroethane was detected in MW-992-070

Perchlorate was detected in sample MW-992-071, 070

**TIC's:**

None

**Method Variance:**

None

**Other Comments:**

A QC check on the ASTM type II water supplied for the equipment rinse did not contain Methylene Chloride, but did contain detectable levels of Chloroform at 1.3 ug/L. No Methylene Chloride or Chloroform was detected in the method blank QC. Chloroform concentrations detected in the field samples, up to and including the level detected in the rinse water, may be an artifact of the rinse water.

ASTM type II water does not have specifications for volatiles. Foster Wheeler Environmental Corporation may want to consider the use of 'volatile free' water, if the trace chloroform poses problems. The Stationary Blank, SB, which was purged at the time of preparation, did not contain either compound. Volatile free water, would be substantially more expensive, due to the need to purge the water and the difficulty of preparing it in large quantities.

Sincerely,

Debbie Frank  
Project Manager

cc: Judy Novelly (JPL)

**Laboratory**  
555 East Walnut Street  
Pasadena, California 91101  
Tel: 626 568 6400  
Fax: 626 568 6324

**Southwest Service Center**  
4820 South Mill Avenue - Suite 202  
Tempe, Arizona 85282  
Tel: 602 755 8201  
Fax: 602 755 8203

**Northern California Service Center**  
1340 Treat Boulevard - Suite 300  
Walnut Creek, California 94596  
Tel: 925 274 2322  
Fax: 925 945 1760

**Southern California Service Center**  
30 Corporate Park - Suite 302  
Irvine, California 92606  
Tel: 949 222 1845  
Fax: 949 222 1849

**Montgomery Watson Laboratories**  
, Los Angeles, CA 90051-3508  
PHONE: 626-568-6400/FAX: 626-568-6324

**ACKNOWLEDGMENT OF SAMPLES RECEIVED**

Foster Wheeler Environmental, Inc  
611 Anton Boulevard  
Suite 800  
Costa Mesa, CA 92626  
Attn: Mark Cutler

Customer Code: ENSERCH  
PO#: Sub PO#007618-0006  
Group#: 54619  
Project#: JPL  
Proj Mgr: Debbie Frank  
Phone: (714) 444-5526

The following samples were received from you on 05/26/99. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using Montgomery Watson Laboratories.

| Sample#   | Sample Id  | Tests Scheduled                                                                                               | Matrix | Sample Date |
|-----------|------------|---------------------------------------------------------------------------------------------------------------|--------|-------------|
| 990526105 | MW-992-098 | @EBASVOA                                                                                                      | Water  | 05/26/99    |
| 990526106 | MW-992-097 | @EBASVOA AS-EBAS CR-EBAS PB-EBAS CR-VI CLO4                                                                   | Water  | 05/26/99    |
| 990526107 | MW-992-074 | @EBASVOA CR-VI PB-EBAS CR-EBAS AS-EBAS TDS CATION1 ANION1 PH EC HCO3 CO3 ALK NO3 SO4 CL FE-MS K NA MG CA CLO4 | Water  | 05/26/99    |
| 990526108 | MW-992-073 | @EBASVOA CLO4 CA MG NA K FE-MS CL SO4 NO3 ALK CO3 HCO3 EC PH ANION1 CATION1 TDS AS-EBAS CR-EBAS PB-EBAS CR-VI | Water  | 05/26/99    |
| 990526109 | MW-992-072 | @EBASVOA CR-VI PB-EBAS CR-EBAS AS-EBAS TDS CATION1 ANION1 PH EC HCO3 CO3 ALK NO3 SO4 CL FE-MS K NA MG CA CLO4 | Water  | 05/26/99    |
| 990526110 | MW-992-071 | @EBASVOA CR-VI PB-EBAS CR-EBAS AS-EBAS TDS CATION1 ANION1 PH EC HCO3 CO3 ALK NO3 SO4 CL FE-MS K NA MG CA CLO4 | Water  | 05/26/99    |
| 990526111 | MW-992-070 | @EBASVOA CR-VI PB-EBAS CR-EBAS AS-EBAS TDS CATION1 ANION1 PH EC HCO3 CO3 ALK NO3 SO4 CL FE-MS K NA MG CA CLO4 | Water  | 05/26/99    |

**Test Acronym Description**

| Test Acronym | Description |
|--------------|-------------|
|--------------|-------------|

Foster Wheeler Environmental, Inc  
611 Anton Boulevard  
Suite 800  
Costa Mesa, CA 92626  
Attn: Mark Cutler

Customer Code: ENSERCH  
PO#: Sub PO#007618-0006  
Group#: 54619  
Project#: JPL  
Proj Mgr: Debbie Frank  
Phone: (714) 444-5526

#### Test Acronym Description

| Test Acronym | Description                    |
|--------------|--------------------------------|
| @EBASVOA     | Regulated VOCs plus Lists 1&3  |
| ALK          | Alkalinity                     |
| ANION1       | Anion Sum                      |
| AS-EBAS      | Arsenic, Total, GF             |
| CA           | Calcium, Total, ICAP           |
| CATION1      | Cation Sum                     |
| CL           | Chloride                       |
| CLO4         | Perchlorate                    |
| CO3          | Carbonate as CO3, Calculated   |
| CR-EBAS      | Chromium, Total, ICAP/MS       |
| CR-VI        | Hexavalent chromium (Cr VI)    |
| EC           | Specific Conductance           |
| FE-MS        | Iron, Total, ICAP/MS           |
| HCO3         | Bicarbonate as HCO3,calculated |
| K            | Potassium, Total, ICAP         |
| MG           | Magnesium, Total, ICAP         |
| NA           | Sodium, Total, ICAP            |
| NO3          | Nitrate-N by IC                |
| PB-EBAS      | Lead, Total, ICAP/MS           |
| PH           | Lab pH                         |
| SO4          | Sulfate                        |
| TDS          | Total Dissolved Solid (TDS)    |



# FOSTER WHEELER ENVIRONMENTAL CORPORATION

## CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

NUMBER 1257

TEMP: 7-12  
REG ICE OK

PAGE 1 OF 1

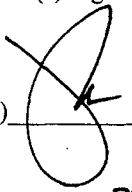
| PROJECT<br>JPL                                         |                | OFS NO.<br>1572-0276                              |                                        | HAZARD IDENTIFICATION<br>Non Hazard <input checked="" type="checkbox"/> Reactive <input type="checkbox"/><br>Flammable <input type="checkbox"/> Toxic <input type="checkbox"/><br>Skin Irritant <input type="checkbox"/> Infectious <input type="checkbox"/> |                 | TIME REQUIRED<br>NORMAL <input checked="" type="checkbox"/> DAYS<br>RUSH <input type="checkbox"/> DAYS |                                            |             |                 |             |                                        |     |                 |      |                                            |             |                 |            |
|--------------------------------------------------------|----------------|---------------------------------------------------|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------------------------------------------------------------------------------------------------|--------------------------------------------|-------------|-----------------|-------------|----------------------------------------|-----|-----------------|------|--------------------------------------------|-------------|-----------------|------------|
| PROJECT ADDRESS<br>4800 Oak Grove Dr Pasadena CA       |                |                                                   |                                        | ANALYSES REQUIRED                                                                                                                                                                                                                                            |                 |                                                                                                        |                                            |             |                 |             |                                        |     |                 |      |                                            |             |                 |            |
| SAMPLER (Name)<br>J. Brennan                           |                | SAMPLER (Signature)<br>[Signature]                |                                        | VOCs (5242)                                                                                                                                                                                                                                                  |                 |                                                                                                        |                                            |             |                 |             |                                        |     |                 |      |                                            |             |                 |            |
| LABORATORY<br>MONTGOMERY WATSON LABS                   |                | REPORTS TO BE SENT TO<br>M.2 Marie C. [Signature] |                                        | TO-M D.C. Pb                                                                                                                                                                                                                                                 |                 |                                                                                                        |                                            |             |                 |             |                                        |     |                 |      |                                            |             |                 |            |
|                                                        |                |                                                   |                                        | 16000/17000                                                                                                                                                                                                                                                  |                 |                                                                                                        |                                            |             |                 |             |                                        |     |                 |      |                                            |             |                 |            |
|                                                        |                |                                                   |                                        | MA SDC ANYONS                                                                                                                                                                                                                                                |                 |                                                                                                        |                                            |             |                 |             |                                        |     |                 |      |                                            |             |                 |            |
|                                                        |                |                                                   |                                        | TPS                                                                                                                                                                                                                                                          |                 |                                                                                                        |                                            |             |                 |             |                                        |     |                 |      |                                            |             |                 |            |
|                                                        |                |                                                   |                                        | Hex C-                                                                                                                                                                                                                                                       |                 |                                                                                                        |                                            |             |                 |             |                                        |     |                 |      |                                            |             |                 |            |
|                                                        |                |                                                   |                                        | C104                                                                                                                                                                                                                                                         |                 |                                                                                                        |                                            |             |                 |             |                                        |     |                 |      |                                            |             |                 |            |
|                                                        |                |                                                   |                                        | MS For VOCs                                                                                                                                                                                                                                                  |                 |                                                                                                        |                                            |             |                 |             |                                        |     |                 |      |                                            |             |                 |            |
|                                                        |                |                                                   |                                        | MS For VOCs                                                                                                                                                                                                                                                  |                 |                                                                                                        |                                            |             |                 |             |                                        |     |                 |      |                                            |             |                 |            |
|                                                        |                |                                                   |                                        | MS/MSD For VOCs                                                                                                                                                                                                                                              |                 |                                                                                                        |                                            |             |                 |             |                                        |     |                 |      |                                            |             |                 |            |
|                                                        |                |                                                   |                                        | OC For C-6                                                                                                                                                                                                                                                   |                 |                                                                                                        |                                            |             |                 |             |                                        |     |                 |      |                                            |             |                 |            |
| SAMPLE NUMBER                                          | TIME COLLECTED | DATE COLLECTED                                    | NUMBER OF CONTAINERS                   | CONTAINER SIZE(S)                                                                                                                                                                                                                                            | SAMPLE MATERIAL |                                                                                                        |                                            | VOCs (5242) | TO-M D.C. Pb    | 16000/17000 | MA SDC ANYONS                          | TPS | Hex C-          | C104 | MS For VOCs                                | MS For VOCs | MS/MSD For VOCs | OC For C-6 |
|                                                        |                |                                                   |                                        |                                                                                                                                                                                                                                                              | WATER           | SOIL                                                                                                   | OTHER (Describe)                           |             |                 |             |                                        |     |                 |      |                                            |             |                 |            |
| MW 991-098                                             | 0815           | 5/26/99                                           | 2                                      | 2 x 4um                                                                                                                                                                                                                                                      | X               |                                                                                                        |                                            | X           |                 |             |                                        |     |                 |      |                                            |             |                 |            |
| MW 991-097                                             | 0905           | {                                                 | 5                                      | 2 x 4um 1 x 25um                                                                                                                                                                                                                                             | X               |                                                                                                        |                                            | X           | X               |             |                                        |     | X               | X    |                                            |             |                 |            |
| MW 991-094                                             | 0930           |                                                   | 6                                      | 2 x 4um 1 x 25um                                                                                                                                                                                                                                             | X               |                                                                                                        |                                            | X           | X               | X           |                                        |     | X               | X    |                                            |             |                 |            |
| MW 991-073                                             | 1045           |                                                   | 6                                      | 2 x 4um 1 x 25um                                                                                                                                                                                                                                             | X               |                                                                                                        |                                            | X           | X               | X           |                                        |     | X               | X    |                                            |             |                 |            |
| MW 991-072                                             | 1145           |                                                   | 6                                      | 2 x 4um 1 x 25um                                                                                                                                                                                                                                             | X               |                                                                                                        |                                            | X           | X               | X           |                                        |     | X               | X    |                                            |             | X               |            |
| MW 991-074                                             | 1145           | {                                                 | 2                                      | 2 x 4um                                                                                                                                                                                                                                                      | X               |                                                                                                        |                                            |             |                 |             |                                        |     |                 |      | X                                          |             |                 |            |
| MW 991-072                                             | 1145           |                                                   | 2                                      | 2 x 4um                                                                                                                                                                                                                                                      | X               |                                                                                                        |                                            |             |                 |             |                                        |     |                 |      | X                                          |             |                 |            |
| MW 991-071                                             | 1245           |                                                   | 6                                      | 2 x 4um 1 x 25um                                                                                                                                                                                                                                             | X               |                                                                                                        |                                            | X           | X               | X           |                                        |     | X               | X    |                                            |             |                 | X          |
| MW 991-070                                             | 1345           | {                                                 | 6                                      | 2 x 4um 1 x 25um                                                                                                                                                                                                                                             | X               |                                                                                                        |                                            | X           | X               | X           |                                        |     | X               | X    |                                            |             |                 |            |
| LABORATORY INSTRUCTIONS/COMMENTS<br><br>Level IV QA/QC |                |                                                   |                                        |                                                                                                                                                                                                                                                              |                 |                                                                                                        |                                            |             |                 |             |                                        |     |                 |      |                                            |             |                 |            |
| RELINQUISHED BY (Signature)<br>[Signature]             |                | DATE<br>5/27/99                                   | RECEIVED BY (Signature)<br>[Signature] |                                                                                                                                                                                                                                                              | DATE<br>5/27/99 |                                                                                                        | RELINQUISHED BY (Signature)<br>[Signature] |             | DATE<br>5/27/99 |             | RECEIVED BY (Signature)<br>[Signature] |     | DATE<br>5/27/99 |      | RELINQUISHED BY (Signature)<br>[Signature] |             | DATE<br>5/27/99 |            |
| COMPANY<br>[Signature]                                 |                | TIME<br>15:05                                     | COMPANY<br>[Signature]                 |                                                                                                                                                                                                                                                              | TIME<br>15:05   |                                                                                                        | COMPANY<br>[Signature]                     |             | TIME<br>15:05   |             | COMPANY<br>[Signature]                 |     | TIME<br>15:05   |      | COMPANY<br>[Signature]                     |             | TIME<br>15:05   |            |

MONTGOMERY WATSON COOLER RECEIPT FORM

PROJECT: ENSEARCH DATE RECEIVED: 5-26-99

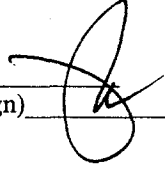
Use back of form to note check-in problems and describe action(s) regarding the resolution(s) of problems.

A. PRELIMINARY EXAMINATION

Date Cooler opened: 5-26-99  
By (print) M. DE MESA (sign) 

1. Did cooler come with shipping slip (air bill, etc.)? Yes No  
If yes, attach and enter carrier and air bill number here: DEL BY CLIENT
2. Were custody seals on outside of cooler? Yes No  
If yes, how many and where: 2 OUTSIDE LID  
If yes, enter the following: seal date: 5-26-99 seal name: J.B.
3. Were custody seals unbroken and intact at delivery? Yes No
4. Were custody papers sealed in bag and taped to lid? Yes No
5. Were custody papers filled out properly (ink, etc.)? Yes No
6. Did you sign custody papers in appropriate place? Yes No
7. Was project identifiable from custody papers? Yes No
8. Have designated person(s) initial and acknowledge receipt: MD date: 5-26-99

B. LOGIN PHASE

Date samples were logged in: 5-26-99  
By (print) M. DE MESA (sign) 

9. Describe packing: \_\_\_\_\_
10. If required, was enough ice used? Yes No
11. Were all bottles sealed in separate plastic bags? Yes No
12. Did all bottles arrive unbroken and in good condition? Yes No
13. Were all bottle labels complete (ID, date, sign, preservative)? Yes No
14. Did all bottle labels agree with custody papers? If no, list on back. Yes No
15. Were correct containers used for the analytes? Yes No
16. Were correct preservatives used when required? Yes No
17. Was sufficient amount of sample sent for tests? Yes No
18. Bubbles absent in VOA vials? If no, list by sample ID on back. Yes No
19. Was Client Services informed of problems? Yes No

N/A

Report Summary of positive results, PR54619

|          |                                             |            | Result | MDL    | UNITS |
|----------|---------------------------------------------|------------|--------|--------|-------|
| Analyzed | 990526105                                   | MW-992-098 |        |        |       |
| Analyzed | 990526106                                   | MW-992-097 |        |        |       |
| 05/28/99 | Chloroform (Trichloromethane)               |            | 1.0    | .500   | UGL   |
| Analyzed | 990526107                                   | MW-992-074 |        |        |       |
| 06/04/99 | Alkalinity                                  |            | 206    | 2.000  | MGL   |
| 06/09/99 | Anion Sum                                   |            | 5.38   | .001   | MEQL  |
| 06/09/99 | Bicarbonate as HCO <sub>3</sub> ,calculated |            | 227    | .001   | MGL   |
| 06/15/99 | Calcium, Total, ICAP                        |            | 6.4    | 1.000  | MGL   |
| 06/09/99 | Carbonate as CO <sub>3</sub> , Calculated   |            | 58.7   | .001   | MGL   |
| 06/16/99 | Cation Sum                                  |            | 5.48   | .001   | MEQL  |
| 05/27/99 | Chloride                                    |            | 23.6   | 1.000  | MGL   |
| 05/27/99 | Lab pH                                      |            | 9.6    | .001   | UNIT  |
| 06/15/99 | Magnesium, Total, ICAP                      |            | 1.1    | .100   | MGL   |
| 06/15/99 | Potassium, Total, ICAP                      |            | 2.7    | 1.000  | MGL   |
| 06/15/99 | Sodium, Total, ICAP                         |            | 115    | 1.000  | MGL   |
| 06/02/99 | Specific Conductance                        |            | 500    | 4.000  | UMHO  |
| 05/27/99 | Sulfate                                     |            | 28.6   | 2.000  | MGL   |
| 06/01/99 | Total Dissolved Solid (TDS)                 |            | 310    | 10.000 | MGL   |
| Analyzed | 990526108                                   | MW-992-073 |        |        |       |
| 06/04/99 | Alkalinity                                  |            | 139    | 2.000  | MGL   |
| 06/09/99 | Anion Sum                                   |            | 3.73   | .001   | MEQL  |
| 06/09/99 | Bicarbonate as HCO <sub>3</sub> ,calculated |            | 169    | .001   | MGL   |
| 06/15/99 | Calcium, Total, ICAP                        |            | 32.2   | 1.000  | MGL   |
| 06/09/99 | Carbonate as CO <sub>3</sub> , Calculated   |            | 0.872  | .001   | MGL   |
| 06/16/99 | Cation Sum                                  |            | 3.80   | .001   | MEQL  |
| 05/27/99 | Chloride                                    |            | 13.4   | 1.000  | MGL   |
| 05/27/99 | Lab pH                                      |            | 7.9    | .001   | UNIT  |
| 06/15/99 | Magnesium, Total, ICAP                      |            | 11.2   | .100   | MGL   |
| 05/27/99 | Nitrate-N by IC                             |            | 6.01   | .100   | MGL   |
| 06/15/99 | Potassium, Total, ICAP                      |            | 1.8    | 1.000  | MGL   |
| 06/15/99 | Sodium, Total, ICAP                         |            | 28.2   | 1.000  | MGL   |
| 06/02/99 | Specific Conductance                        |            | 330    | 4.000  | UMHO  |
| 05/27/99 | Sulfate                                     |            | 6.92   | 2.000  | MGL   |
| 06/01/99 | Total Dissolved Solid (TDS)                 |            | 210    | 10.000 | MGL   |
| Analyzed | 990526109                                   | MW-992-072 |        |        |       |
| 06/04/99 | Alkalinity                                  |            | 147    | 2.000  | MGL   |
| 06/09/99 | Anion Sum                                   |            | 4.97   | .001   | MEQL  |
| 06/09/99 | Bicarbonate as HCO <sub>3</sub> ,calculated |            | 179    | .001   | MGL   |
| 06/15/99 | Calcium, Total, ICAP                        |            | 46.6   | 1.000  | MGL   |
| 06/09/99 | Carbonate as CO <sub>3</sub> , Calculated   |            | 0.924  | .001   | MGL   |
| 06/16/99 | Cation Sum                                  |            | 4.94   | .001   | MEQL  |
| 05/27/99 | Chloride                                    |            | 30.5   | 1.000  | MGL   |
| 06/11/99 | Iron, Total, ICAP/MS                        |            | 310    | *****  | UGL   |
| 05/27/99 | Lab pH                                      |            | 7.9    | .001   | UNIT  |
| 06/15/99 | Magnesium, Total, ICAP                      |            | 15.9   | .100   | MGL   |
| 05/28/99 | Nitrate-N by IC                             |            | 10.7   | .200   | MGL   |
| 06/15/99 | Potassium, Total, ICAP                      |            | 1.8    | 1.000  | MGL   |



|          |                             |      |        |      |
|----------|-----------------------------|------|--------|------|
| 06/15/99 | Sodium, Total, ICAP         | 28.8 | 1.000  | MGL  |
| 06/02/99 | Specific Conductance        | 445  | 4.000  | UMHO |
| 05/27/99 | Sulfate                     | 19.5 | 2.000  | MGL  |
| 06/01/99 | Total Dissolved Solid (TDS) | 290  | 10.000 | MGL  |

Analyzed 990526110 MW-992-071

|          |                                             |       |        |      |
|----------|---------------------------------------------|-------|--------|------|
| 05/28/99 | 1,1-Dichloroethane                          | 0.5   | .500   | UGL  |
| 05/28/99 | Chloroform (Trichloromethane)               | 0.6   | .500   | UGL  |
| 06/04/99 | Alkalinity                                  | 197   | 2.000  | MGL  |
| 06/09/99 | Anion Sum                                   | 10.9  | .001   | MEQL |
| 06/09/99 | Bicarbonate as HCO <sub>3</sub> ,calculated | 240   | .001   | MGL  |
| 06/15/99 | Calcium, Total, ICAP                        | 113   | 1.000  | MGL  |
| 06/09/99 | Carbonate as CO <sub>3</sub> , Calculated   | 0.311 | .001   | MGL  |
| 06/16/99 | Cation Sum                                  | 10.6  | .001   | MEQL |
| 05/27/99 | Chloride                                    | 104   | 2.000  | MGL  |
| 05/27/99 | Lab pH                                      | 7.3   | .001   | UNIT |
| 06/15/99 | Magnesium, Total, ICAP                      | 40.9  | .100   | MGL  |
| 05/27/99 | Nitrate-N by IC                             | 14.8  | .200   | MGL  |
| 06/15/99 | Perchlorate                                 | 7.8   | 4.000  | UGL  |
| 06/15/99 | Potassium, Total, ICAP                      | 2.7   | 1.000  | MGL  |
| 06/15/99 | Sodium, Total, ICAP                         | 35.1  | 1.000  | MGL  |
| 06/02/99 | Specific Conductance                        | 930   | 4.000  | UMHO |
| 05/27/99 | Sulfate                                     | 142   | 4.000  | MGL  |
| 06/01/99 | Total Dissolved Solid (TDS)                 | 620   | 10.000 | MGL  |

Analyzed 990526111 MW-992-070

|          |                                             |       |        |      |
|----------|---------------------------------------------|-------|--------|------|
| 05/28/99 | 1,2,3-Trichlorobenzene                      | 0.7   | .500   | UGL  |
| 05/28/99 | Chloroform (Trichloromethane)               | 1.0   | .500   | UGL  |
| 05/28/99 | Tetrachloroethylene (PCE)                   | 1.1   | .500   | UGL  |
| 05/28/99 | Trichloroethylene (TCE)                     | 7.0   | .500   | UGL  |
| 05/28/99 | Trichlorotrifluoroethane (Freon)            | 0.6   | .500   | UGL  |
| 06/04/99 | Alkalinity                                  | 203   | 2.000  | MGL  |
| 06/09/99 | Anion Sum                                   | 11.2  | .001   | MEQL |
| 06/09/99 | Bicarbonate as HCO <sub>3</sub> ,calculated | 248   | .001   | MGL  |
| 06/15/99 | Calcium, Total, ICAP                        | 116   | 1.000  | MGL  |
| 06/09/99 | Carbonate as CO <sub>3</sub> , Calculated   | 0.161 | .001   | MGL  |
| 06/16/99 | Cation Sum                                  | 10.9  | .001   | MEQL |
| 05/27/99 | Chloride                                    | 109   | 2.000  | MGL  |
| 06/11/99 | Iron, Total, ICAP/MS                        | 690   | *****  | UGL  |
| 05/27/99 | Lab pH                                      | 7.0   | .001   | UNIT |
| 06/15/99 | Magnesium, Total, ICAP                      | 42.7  | .100   | MGL  |
| 05/27/99 | Nitrate-N by IC                             | 13.8  | .200   | MGL  |
| 06/15/99 | Perchlorate                                 | 7.6   | 4.000  | UGL  |
| 06/15/99 | Potassium, Total, ICAP                      | 2.7   | 1.000  | MGL  |
| 06/15/99 | Sodium, Total, ICAP                         | 35.0  | 1.000  | MGL  |
| 06/02/99 | Specific Conductance                        | 960   | 4.000  | UMHO |
| 05/27/99 | Sulfate                                     | 148   | 4.000  | MGL  |
| 06/01/99 | Total Dissolved Solid (TDS)                 | 630   | 10.000 | MGL  |



**MONTGOMERY WATSON LABORATORIES**

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555 East Walnut Street  
Pasadena, California 91101  
Tel: 626 568 6400 Fax: 626 568 6324  
1 800 566 LABS (1 800 566 5227)

**Laboratory Report**

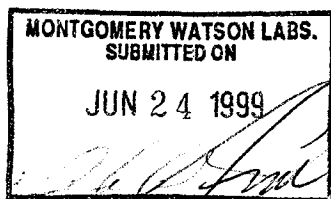
for

Foster Wheeler Environmental, Inc  
611 Anton Boulevard

Suite 800

Costa Mesa , CA 92626

Attention: Mark Cutler  
Fax: (714) 444-5560



DEB\* Debbie Frank

Report#: 54619  
JPL

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555 East Walnut Street

Pasadena, California 91101

Tel: 626 568 6400 Fax: 626 568 6324

1 800 566 LABS (1 800 566 5227)

**Laboratory****Report****#54619**

Foster Wheeler Environmental, Inc  
Mark Cutler  
611 Anton Boulevard  
Suite 800  
Costa Mesa , CA 92626

Samples Received  
26-may-1999 15:33:17

| Prepared                      | Analyzed | QC Batch# | Method              | Analyte                       | Result | Units | MRL  | Dilution |
|-------------------------------|----------|-----------|---------------------|-------------------------------|--------|-------|------|----------|
| <hr/>                         |          |           |                     |                               |        |       |      |          |
| MW-992-098 (990526105)        |          |           | Sampled on 05/26/99 |                               |        |       |      |          |
| Regulated VOCs plus Lists 1&3 |          |           |                     |                               |        |       |      |          |
| 05/28/99                      | 97034    |           | ( ML/EPA 524.2 )    | 1,1,1,2-Tetrachloroethane     | ND     | ug/l  | 0.50 | 1        |
| 05/28/99                      | 97034    |           | ( ML/EPA 524.2 )    | 1,1,1-Trichloroethane         | ND     | ug/l  | 0.50 | 1        |
| 05/28/99                      | 97034    |           | ( ML/EPA 524.2 )    | 1,1,2,2-Tetrachloroethane     | ND     | ug/l  | 0.50 | 1        |
| 05/28/99                      | 97034    |           | ( ML/EPA 524.2 )    | 1,1,2-Trichloroethane         | ND     | ug/l  | 0.50 | 1        |
| 05/28/99                      | 97034    |           | ( ML/EPA 524.2 )    | 1,1-Dichloroethane            | ND     | ug/l  | 0.50 | 1        |
| 05/28/99                      | 97034    |           | ( ML/EPA 524.2 )    | 1,1-Dichloroethylene          | ND     | ug/l  | 0.50 | 1        |
| 05/28/99                      | 97034    |           | ( ML/EPA 524.2 )    | 1,1-Dichloropropene           | ND     | ug/l  | 0.50 | 1        |
| 05/28/99                      | 97034    |           | ( ML/EPA 524.2 )    | 1,2,3-Trichlorobenzene        | ND     | ug/l  | 0.50 | 1        |
| 05/28/99                      | 97034    |           | ( ML/EPA 524.2 )    | 1,2,3-Trichloropropane        | ND     | ug/l  | 0.50 | 1        |
| 05/28/99                      | 97034    |           | ( ML/EPA 524.2 )    | 1,2,4-Trichlorobenzene        | ND     | ug/l  | 0.50 | 1        |
| 05/28/99                      | 97034    |           | ( ML/EPA 524.2 )    | 1,2,4-Trimethylbenzene        | ND     | ug/l  | 0.50 | 1        |
| 05/28/99                      | 97034    |           | ( ML/EPA 524.2 )    | 1,2-Dichloroethane            | ND     | ug/l  | 0.50 | 1        |
| 05/28/99                      | 97034    |           | ( ML/EPA 524.2 )    | 1,2-Dichloropropane           | ND     | ug/l  | 0.50 | 1        |
| 05/28/99                      | 97034    |           | ( ML/EPA 524.2 )    | 1,3,5-Trimethylbenzene        | ND     | ug/l  | 0.50 | 1        |
| 05/28/99                      | 97034    |           | ( ML/EPA 524.2 )    | 1,3-Dichloropropane           | ND     | ug/l  | 0.50 | 1        |
| 05/28/99                      | 97034    |           | ( ML/EPA 524.2 )    | p-Dichlorobenzene (1,4-DCB)   | ND     | ug/l  | 0.50 | 1        |
| 05/28/99                      | 97034    |           | ( ML/EPA 524.2 )    | 2,2-Dichloropropane           | ND     | ug/l  | 0.50 | 1        |
| 05/28/99                      | 97034    |           | ( ML/EPA 524.2 )    | 2-Butanone (MEK)              | ND     | ug/l  | 5.0  | 1        |
| 05/28/99                      | 97034    |           | ( ML/EPA 524.2 )    | o-Chlorotoluene               | ND     | ug/l  | 0.50 | 1        |
| 05/28/99                      | 97034    |           | ( ML/EPA 524.2 )    | p-Chlorotoluene               | ND     | ug/l  | 0.50 | 1        |
| 05/28/99                      | 97034    |           | ( ML/EPA 524.2 )    | 4-Methyl-2-Pentanone (MIBK)   | ND     | ug/l  | 5.0  | 1        |
| 05/28/99                      | 97034    |           | ( ML/EPA 524.2 )    | Benzene                       | ND     | ug/l  | 0.50 | 1        |
| 05/28/99                      | 97034    |           | ( ML/EPA 524.2 )    | Bromobenzene                  | ND     | ug/l  | 0.50 | 1        |
| 05/28/99                      | 97034    |           | ( ML/EPA 524.2 )    | Bromomethane (Methyl Bromide) | ND     | ug/l  | 0.50 | 1        |
| 05/28/99                      | 97034    |           | ( ML/EPA 524.2 )    | cis-1,2-Dichloroethylene      | ND     | ug/l  | 0.50 | 1        |
| 05/28/99                      | 97034    |           | ( ML/EPA 524.2 )    | Chlorobenzene                 | ND     | ug/l  | 0.50 | 1        |
| 05/28/99                      | 97034    |           | ( ML/EPA 524.2 )    | Carbon Tetrachloride          | ND     | ug/l  | 0.50 | 1        |
| 05/28/99                      | 97034    |           | ( ML/EPA 524.2 )    | cis-1,3-Dichloropropene       | ND     | ug/l  | 0.50 | 1        |
| 05/28/99                      | 97034    |           | ( ML/EPA 524.2 )    | Bromoform                     | ND     | ug/l  | 0.50 | 1        |

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**Laboratory****Report****#54619**Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method            | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|-------------------|---------------------------------|--------|-------|------|----------|
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Chloroform (Trichloromethane)   | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Bromochloromethane              | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Chloroethane                    | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Chloromethane (Methyl Chloride) | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Chlorodibromomethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Dibromomethane                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Bromodichloromethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Dichloromethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Ethyl benzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/E524.2/624 ) | Dichlorodifluoromethane         | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Fluorotrichloromethane-Freon11  | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Hexachlorobutadiene             | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Isopropylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | m-Dichlorobenzene (1,3-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | m,p-Xylenes                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Naphthalene                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | n-Butylbenzene                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | n-Propylbenzene                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | o-Xylene                        | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | o-Dichlorobenzene (1,2-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Tetrachloroethylene (PCE)       | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | p-Isopropyltoluene              | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | sec-Butylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Styrene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | trans-1,2-Dichloroethylene      | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | tert-Butylbenzene               | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Trichloroethylene (TCE)         | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Trichlorotrifluoroethane (Freon | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | trans-1,3-Dichloropropene       | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Toluene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Vinyl chloride (VC)             | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )     | None detected                   | ND     |       |      | 1        |
|          |          |           | ( Surrogate )     | 1,2-Dichloroethane-d4           | 107    | % Rec |      |          |
|          |          |           | ( Surrogate )     | 4-Bromofluorobenzene            | 105    | % Rec |      |          |
|          |          |           | ( Surrogate )     | Toluene-d8                      | 103    | % Rec |      |          |



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**Laboratory  
Report  
#54619**

Foster Wheeler Environmental, Inc  
(continued)

| Prepared                                 | Analyzed | QC Batch# | Method            | Analyte                       | Result | Units | MRL   | Dilution |
|------------------------------------------|----------|-----------|-------------------|-------------------------------|--------|-------|-------|----------|
| <b>MW-992-097 (990526106)</b>            |          |           |                   | <b>Sampled on 05/26/99</b>    |        |       |       |          |
| 06/10/99                                 | 06/11/99 | 97497     | ( S3113B/E200.9 ) | Arsenic, Total, GF            | ND     | mg/l  | 0.005 | 1        |
|                                          | 06/15/99 | 97643     | ( MOD/EPA 300 )   | Perchlorate                   | ND     | ug/l  | 4.0   | 1        |
| 06/10/99                                 | 06/11/99 | 97461     | ( EPA/ML 200.8 )  | Chromium, Total, ICAP/MS      | ND     | ug/l  | 10    | 1        |
|                                          | 05/26/99 | 96772     | ( ML/SW 7196 )    | Hexavalent chromium (Cr VI)   | ND     | mg/l  | 0.005 | 1        |
| 06/10/99                                 | 06/11/99 | 97463     | ( EPA/ML 200.8 )  | Lead, Total, ICAP/MS          | ND     | ug/l  | 2.0   | 1        |
| <b>Regulated VOCs plus Lists 1&amp;3</b> |          |           |                   |                               |        |       |       |          |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,1,1,2-Tetrachloroethane     | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,1,1-Trichloroethane         | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,1,2,2-Tetrachloroethane     | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,1,2-Trichloroethane         | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,1-Dichloroethane            | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,1-Dichloroethylene          | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,1-Dichloropropene           | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,2,3-Trichlorobenzene        | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,2,3-Trichloropropane        | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,2,4-Trichlorobenzene        | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,2,4-Trimethylbenzene        | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,2-Dichloroethane            | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,2-Dichloropropane           | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,3,5-Trimethylbenzene        | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,3-Dichloropropane           | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | p-Dichlorobenzene (1,4-DCB)   | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 2,2-Dichloropropane           | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 2-Butanone (MEK)              | ND     | ug/l  | 5.0   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | o-Chlorotoluene               | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | p-Chlorotoluene               | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 4-Methyl-2-Pentanone (MIBK)   | ND     | ug/l  | 5.0   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Benzene                       | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Bromobenzene                  | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Bromomethane (Methyl Bromide) | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | cis-1,2-Dichloroethylene      | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Chlorobenzene                 | ND     | ug/l  | 0.50  | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Carbon Tetrachloride          | ND     | ug/l  | 0.50  | 1        |

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**Laboratory****Report****#54619**Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method            | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|-------------------|---------------------------------|--------|-------|------|----------|
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | cis-1,3-Dichloropropene         | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Bromoform                       | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Chloroform (Trichloromethane)   | 1.0    | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Bromochloromethane              | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Chloroethane                    | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Chloromethane (Methyl Chloride) | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Chlorodibromomethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Dibromomethane                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Bromodichloromethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Dichloromethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Ethyl benzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/E524.2/624 ) | Dichlorodifluoromethane         | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Fluorotrichloromethane-Freon11  | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Hexachlorobutadiene             | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Isopropylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | m-Dichlorobenzene (1,3-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | m,p-Xylenes                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Naphthalene                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | n-Butylbenzene                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | n-Propylbenzene                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | o-Xylene                        | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | o-Dichlorobenzene (1,2-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Tetrachloroethylene (PCE)       | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | p-Isopropyltoluene              | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | sec-Butylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Styrene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | trans-1,2-Dichloroethylene      | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | tert-Butylbenzene               | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Trichloroethylene (TCE)         | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Trichlorotrifluoroethane (Freon | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | trans-1,3-Dichloropropene       | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Toluene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Vinyl chloride (VC)             | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )     | None detected                   | ND     |       |      | 1        |
|          |          |           | ( Surrogate )     | 1,2-Dichloroethane-d4           | 113    | % Rec |      |          |
|          |          |           | ( Surrogate )     | 4-Bromofluorobenzene            | 96     | % Rec |      |          |

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**Laboratory  
 Report  
 #54619**

Foster Wheeler Environmental, Inc  
 (continued)

| Prepared                                               | Analyzed | QC Batch# | Method            | Analyte                                      | Result | Units   | MRL    | Dilution |
|--------------------------------------------------------|----------|-----------|-------------------|----------------------------------------------|--------|---------|--------|----------|
|                                                        |          |           | ( Surrogate )     | Toluene-d8                                   | 105    | % Rec   |        |          |
| <b>MW-992-074 (990526107)      Sampled on 05/26/99</b> |          |           |                   |                                              |        |         |        |          |
|                                                        | 06/04/99 | 97355     | ( ML/SM2320B )    | Alkalinity                                   | 206    | mg/l    | 2.0    | 1        |
|                                                        | 06/09/99 |           | ( ML/SM1040 )     | Anion Sum                                    | 5.38   | meq/l   | 0.0010 | 1        |
| 06/10/99                                               | 06/11/99 | 97497     | ( S3113B/E200.9 ) | Arsenic, Total, GF                           | ND     | mg/l    | 0.005  | 1        |
| 06/15/99                                               | 06/15/99 | 97612     | ( ML/EPA 200.7 )  | Calcium, Total, ICAP                         | 6.4    | mg/l    | 1.0    | 1        |
|                                                        | 06/16/99 |           | ( ML/SM1040 )     | Cation Sum                                   | 5.48   | meq/l   | 0.0010 | 1        |
|                                                        | 05/27/99 | 97306     | ( ML/EPA 300 )    | Chloride                                     | 23.6   | mg/l    | 1.0    | 1        |
|                                                        | 06/15/99 | 97643     | ( MOD/EPA 300 )   | Perchlorate                                  | ND     | ug/l    | 4.0    | 1        |
|                                                        | 06/09/99 |           | ( ML/SM2320B )    | Carbonate as CO <sub>3</sub> , Calculated    | 58.7   | mg/l    | 0.0010 | 1        |
| 06/10/99                                               | 06/11/99 | 97461     | ( EPA/ML 200.8 )  | Chromium, Total, ICAP/MS                     | ND     | ug/l    | 10     | 1        |
|                                                        | 05/26/99 | 96772     | ( ML/SW 7196 )    | Hexavalent chromium (Cr VI)                  | ND     | mg/l    | 0.005  | 1        |
|                                                        | 06/02/99 | 96992     | ( ML/S2510B )     | Specific Conductance                         | 500    | umho/cm | 4.0    | 1        |
| 06/10/99                                               | 06/11/99 | 97462     | ( EPA/ML 200.8 )  | Iron, Total, ICAP/MS                         | ND     | ug/l    | 100    | 1        |
|                                                        | 06/09/99 |           | ( ML/SM2320B )    | Bicarbonate as HCO <sub>3</sub> , calculated | 227    | mg/l    | 0.0010 | 1        |
| 06/15/99                                               | 06/15/99 | 97614     | ( ML/EPA 200.7 )  | Potassium, Total, ICAP                       | 2.7    | mg/l    | 1.0    | 1        |
| 06/15/99                                               | 06/15/99 | 97619     | ( ML/EPA 200.7 )  | Magnesium, Total, ICAP                       | 1.1    | mg/l    | 0.10   | 1        |
| 06/15/99                                               | 06/15/99 | 97621     | ( ML/EPA 200.7 )  | Sodium, Total, ICAP                          | 115    | mg/l    | 1.0    | 1        |
|                                                        | 05/27/99 | 97309     | ( ML/EPA 300.0 )  | Nitrate-N by IC                              | ND     | mg/l    | 0.10   | 1        |
| 06/10/99                                               | 06/11/99 | 97463     | ( EPA/ML 200.8 )  | Lead, Total, ICAP/MS                         | ND     | ug/l    | 2.0    | 1        |
|                                                        | 05/27/99 | 96894     | ( ML/SM 4500HB )  | Lab pH                                       | 9.6    | Units   | 0.0010 | 1        |
|                                                        | 05/27/99 | 97311     | ( ML/EPA 300.0 )  | Sulfate                                      | 28.6   | mg/l    | 2.0    | 1        |
|                                                        | 06/01/99 | 97104     | ( ML/SM2540C )    | Total Dissolved Solid (TDS)                  | 310    | mg/l    | 10     | 1        |
| <b>Regulated VOCs plus Lists 1&amp;3</b>               |          |           |                   |                                              |        |         |        |          |
|                                                        | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,1,1,2-Tetrachloroethane                    | ND     | ug/l    | 0.50   | 1        |
|                                                        | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,1,1-Trichloroethane                        | ND     | ug/l    | 0.50   | 1        |
|                                                        | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,1,2,2-Tetrachloroethane                    | ND     | ug/l    | 0.50   | 1        |
|                                                        | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,1,2-Trichloroethane                        | ND     | ug/l    | 0.50   | 1        |
|                                                        | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,1-Dichloroethane                           | ND     | ug/l    | 0.50   | 1        |
|                                                        | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,1-Dichloroethylene                         | ND     | ug/l    | 0.50   | 1        |
|                                                        | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,1-Dichloropropene                          | ND     | ug/l    | 0.50   | 1        |
|                                                        | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,2,3-Trichlorobenzene                       | ND     | ug/l    | 0.50   | 1        |
|                                                        | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,2,3-Trichloropropane                       | ND     | ug/l    | 0.50   | 1        |
|                                                        | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,2,4-Trichlorobenzene                       | ND     | ug/l    | 0.50   | 1        |

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**Laboratory  
Report  
#54619**Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method            | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|-------------------|---------------------------------|--------|-------|------|----------|
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,2,4-Trimethylbenzene          | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,2-Dichloroethane              | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,2-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,3,5-Trimethylbenzene          | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,3-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | p-Dichlorobenzene (1,4-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 2,2-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 2-Butanone (MEK)                | ND     | ug/l  | 5.0  | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | o-Chlorotoluene                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | p-Chlorotoluene                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 4-Methyl-2-Pentanone (MIBK)     | ND     | ug/l  | 5.0  | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Benzene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Bromobenzene                    | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Bromomethane (Methyl Bromide)   | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | cis-1,2-Dichloroethylene        | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Chlorobenzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Carbon Tetrachloride            | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | cis-1,3-Dichloropropene         | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Bromoform                       | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Chloroform (Trichloromethane)   | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Bromochloromethane              | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Chloroethane                    | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Chloromethane (Methyl Chloride) | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Chlorodibromomethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Dibromomethane                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Bromodichloromethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Dichloromethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Ethyl benzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/E524.2/624 ) | Dichlorodifluoromethane         | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Fluorotrichloromethane-Freon11  | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Hexachlorobutadiene             | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Isopropylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | m-Dichlorobenzene (1,3-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | m,p-Xylenes                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Naphthalene                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | n-Butylbenzene                  | ND     | ug/l  | 0.50 | 1        |



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**Laboratory  
 Report  
 #54619**

Foster Wheeler Environmental, Inc  
 (continued)

| Prepared | Analyzed | QC Batch# | Method           | Analyte                          | Result | Units | MRL  | Dilution |
|----------|----------|-----------|------------------|----------------------------------|--------|-------|------|----------|
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | n-Propylbenzene                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | o-Xylene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | o-Dichlorobenzene (1,2-DCB)      | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Tetrachloroethylene (PCE)        | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | p-Isopropyltoluene               | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | sec-Butylbenzene                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Styrene                          | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | trans-1,2-Dichloroethylene       | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | tert-Butylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Trichloroethylene (TCE)          | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Trichlorotrifluoroethane (Freon) | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | trans-1,3-Dichloropropene        | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Toluene                          | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Vinyl chloride (VC)              | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )    | None detected                    | ND     |       |      | 1        |
|          |          |           | ( Surrogate )    | 1,2-Dichloroethane-d4            | 106    | % Rec |      |          |
|          |          |           | ( Surrogate )    | 4-Bromofluorobenzene             | 100    | % Rec |      |          |
|          |          |           | ( Surrogate )    | Toluene-d8                       | 99     | % Rec |      |          |

**MW-992-073 (990526108)**
**Sampled on 05/26/99**

|          |          |       |                   |                                |       |         |        |   |
|----------|----------|-------|-------------------|--------------------------------|-------|---------|--------|---|
|          | 06/04/99 | 97355 | ( ML/SM2320B )    | Alkalinity                     | 139   | mg/l    | 2.0    | 1 |
|          | 06/09/99 |       | ( ML/SM1040 )     | Anion Sum                      | 3.73  | meq/l   | 0.0010 | 1 |
| 06/10/99 | 06/11/99 | 97497 | ( S3113B/E200.9 ) | Arsenic, Total, GF             | ND    | mg/l    | 0.005  | 1 |
| 06/15/99 | 06/15/99 | 97612 | ( ML/EPA 200.7 )  | Calcium, Total, ICAP           | 32.2  | mg/l    | 1.0    | 1 |
|          | 06/16/99 |       | ( ML/SM1040 )     | Cation Sum                     | 3.80  | meq/l   | 0.0010 | 1 |
|          | 05/27/99 | 97306 | ( ML/EPA 300 )    | Chloride                       | 13.4  | mg/l    | 1.0    | 1 |
|          | 06/15/99 | 97643 | ( MOD/EPA 300 )   | Perchlorate                    | ND    | ug/l    | 4.0    | 1 |
|          | 06/09/99 |       | ( ML/SM2320B )    | Carbonate as CO3, Calculated   | 0.872 | mg/l    | 0.0010 | 1 |
| 06/10/99 | 06/11/99 | 97461 | ( EPA/ML 200.8 )  | Chromium, Total, ICAP/MS       | ND    | ug/l    | 10     | 1 |
|          | 05/26/99 | 96772 | ( ML/SW 7196 )    | Hexavalent chromium (Cr VI)    | ND    | mg/l    | 0.005  | 1 |
|          | 06/02/99 | 96992 | ( ML/S2510B )     | Specific Conductance           | 330   | umho/cm | 4.0    | 1 |
| 06/10/99 | 06/11/99 | 97462 | ( EPA/ML 200.8 )  | Iron, Total, ICAP/MS           | ND    | ug/l    | 100    | 1 |
|          | 06/09/99 |       | ( ML/SM2320B )    | Bicarbonate as HCO3,calculated | 169   | mg/l    | 0.0010 | 1 |
| 06/15/99 | 06/15/99 | 97614 | ( ML/EPA 200.7 )  | Potassium, Total, ICAP         | 1.8   | mg/l    | 1.0    | 1 |
| 06/15/99 | 06/15/99 | 97619 | ( ML/EPA 200.7 )  | Magnesium, Total, ICAP         | 11.2  | mg/l    | 0.10   | 1 |
| 06/15/99 | 06/15/99 | 97621 | ( ML/EPA 200.7 )  | Sodium, Total, ICAP            | 28.2  | mg/l    | 1.0    | 1 |

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**Laboratory****Report****#54619**Foster Wheeler Environmental, Inc  
(continued)

| Prepared                                 | Analyzed | QC Batch# | Method           | Analyte                       | Result | Units | MRL    | Dilution |
|------------------------------------------|----------|-----------|------------------|-------------------------------|--------|-------|--------|----------|
| 06/10/99                                 | 05/27/99 | 97309     | ( ML/EPA 300.0 ) | Nitrate-N by IC               | 6.01   | mg/l  | 0.10   | 1        |
|                                          | 06/11/99 | 97463     | ( EPA/ML 200.8 ) | Lead, Total, ICAP/MS          | ND     | ug/l  | 2.0    | 1        |
|                                          | 05/27/99 | 96894     | ( ML/SM 4500HB)  | Lab pH                        | 7.9    | Units | 0.0010 | 1        |
|                                          | 05/27/99 | 97311     | ( ML/EPA 300.0 ) | Sulfate                       | 6.92   | mg/l  | 2.0    | 1        |
|                                          | 06/01/99 | 97104     | ( ML/SM2540C )   | Total Dissolved Solid (TDS)   | 210    | mg/l  | 10     | 1        |
| <b>Regulated VOCs plus Lists 1&amp;3</b> |          |           |                  |                               |        |       |        |          |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 1,1,1,2-Tetrachloroethane     | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 1,1,1-Trichloroethane         | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 1,1,2,2-Tetrachloroethane     | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 1,1,2-Trichloroethane         | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 1,1-Dichloroethane            | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 1,1-Dichloroethylene          | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 1,1-Dichloropropene           | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 1,2,3-Trichlorobenzene        | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 1,2,3-Trichloropropane        | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 1,2,4-Trichlorobenzene        | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 1,2,4-Trimethylbenzene        | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 1,2-Dichloroethane            | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 1,2-Dichloropropane           | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 1,3,5-Trimethylbenzene        | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 1,3-Dichloropropane           | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | p-Dichlorobenzene (1,4-DCB)   | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 2,2-Dichloropropane           | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 2-Butanone (MEK)              | ND     | ug/l  | 5.0    | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | o-Chlorotoluene               | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | p-Chlorotoluene               | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 4-Methyl-2-Pentanone (MIBK)   | ND     | ug/l  | 5.0    | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Benzene                       | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Bromobenzene                  | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Bromomethane (Methyl Bromide) | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | cis-1,2-Dichloroethylene      | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Chlorobenzene                 | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Carbon Tetrachloride          | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | cis-1,3-Dichloropropene       | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Bromoform                     | ND     | ug/l  | 0.50   | 1        |

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**Laboratory****Report****#54619**Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method            | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|-------------------|---------------------------------|--------|-------|------|----------|
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Chloroform (Trichloromethane)   | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Bromochloromethane              | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Chloroethane                    | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Chloromethane (Methyl Chloride) | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Chlorodibromomethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Dibromomethane                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Bromodichloromethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Dichloromethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Ethyl benzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/E524.2/624 ) | Dichlorodifluoromethane         | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Fluorotrichloromethane-Freon11  | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Hexachlorobutadiene             | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Isopropylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | m-Dichlorobenzene (1,3-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | m,p-Xylenes                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Naphthalene                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | n-Butylbenzene                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | n-Propylbenzene                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | o-Xylene                        | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | o-Dichlorobenzene (1,2-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Tetrachloroethylene (PCE)       | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | p-Isopropyltoluene              | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | sec-Butylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Styrene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | trans-1,2-Dichloroethylene      | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | tert-Butylbenzene               | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Trichloroethylene (TCE)         | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Trichlorotrifluoroethane (Freon | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | trans-1,3-Dichloropropene       | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Toluene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Vinyl chloride (VC)             | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )     | None detected                   | ND     |       |      | 1        |
|          |          |           | ( Surrogate       | 1,2-Dichloroethane-d4           | 111    | % Rec |      |          |
|          |          |           | ( Surrogate       | 4-Bromofluorobenzene            | 101    | % Rec |      |          |
|          |          |           | ( Surrogate       | Toluene-d8                      | 100    | % Rec |      |          |

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**Laboratory  
 Report  
 #54619**

Foster Wheeler Environmental, Inc  
 (continued)

| Prepared                                               | Analyzed | QC Batch# | Method            | Analyte                                     | Result | Units   | MRL    | Dilution |
|--------------------------------------------------------|----------|-----------|-------------------|---------------------------------------------|--------|---------|--------|----------|
| <b>MW-992-072 (990526109)      Sampled on 05/26/99</b> |          |           |                   |                                             |        |         |        |          |
|                                                        | 06/04/99 | 97355     | ( ML/SM2320B )    | Alkalinity                                  | 147    | mg/l    | 2.0    | 1        |
|                                                        | 06/09/99 |           | ( ML/SM1040 )     | Anion Sum                                   | 4.97   | meq/l   | 0.0010 | 1        |
| 06/10/99                                               | 06/11/99 | 97497     | ( S3113B/E200.9 ) | Arsenic, Total, GF                          | ND     | mg/l    | 0.005  | 1        |
| 06/15/99                                               | 06/15/99 | 97612     | ( ML/EPA 200.7 )  | Calcium, Total, ICAP                        | 46.6   | mg/l    | 1.0    | 1        |
|                                                        | 06/16/99 |           | ( ML/SM1040 )     | Cation Sum                                  | 4.94   | meq/l   | 0.0010 | 1        |
|                                                        | 05/27/99 | 97306     | ( ML/EPA 300 )    | Chloride                                    | 30.5   | mg/l    | 1.0    | 1        |
|                                                        | 06/15/99 | 97643     | ( MOD/EPA 300 )   | Perchlorate                                 | ND     | ug/l    | 4.0    | 1        |
|                                                        | 06/09/99 |           | ( ML/SM2320B )    | Carbonate as CO <sub>3</sub> , Calculated   | 0.924  | mg/l    | 0.0010 | 1        |
| 06/10/99                                               | 06/11/99 | 97461     | ( EPA/ML 200.8 )  | Chromium, Total, ICAP/MS                    | ND     | ug/l    | 10     | 1        |
|                                                        | 05/26/99 | 96772     | ( ML/SW 7196 )    | Hexavalent chromium (Cr VI)                 | ND     | mg/l    | 0.005  | 1        |
|                                                        | 06/02/99 | 96992     | ( ML/S2510B )     | Specific Conductance                        | 445    | umho/cm | 4.0    | 1        |
| 06/10/99                                               | 06/11/99 | 97462     | ( EPA/ML 200.8 )  | Iron, Total, ICAP/MS                        | 310    | ug/l    | 100    | 1        |
|                                                        | 06/09/99 |           | ( ML/SM2320B )    | Bicarbonate as HCO <sub>3</sub> ,calculated | 179    | mg/l    | 0.0010 | 1        |
| 06/15/99                                               | 06/15/99 | 97614     | ( ML/EPA 200.7 )  | Potassium, Total, ICAP                      | 1.8    | mg/l    | 1.0    | 1        |
| 06/15/99                                               | 06/15/99 | 97619     | ( ML/EPA 200.7 )  | Magnesium, Total, ICAP                      | 15.9   | mg/l    | 0.10   | 1        |
| 06/15/99                                               | 06/15/99 | 97621     | ( ML/EPA 200.7 )  | Sodium, Total, ICAP                         | 28.8   | mg/l    | 1.0    | 1        |
|                                                        | 05/28/99 | 97185     | ( ML/EPA 300.0 )  | Nitrate-N by IC                             | 10.7   | mg/l    | 0.20   | 2        |
| 06/10/99                                               | 06/11/99 | 97463     | ( EPA/ML 200.8 )  | Lead, Total, ICAP/MS                        | ND     | ug/l    | 2.0    | 1        |
|                                                        | 05/27/99 | 96894     | ( ML/SM 4500HB)   | Lab pH                                      | 7.9    | Units   | 0.0010 | 1        |
|                                                        | 05/27/99 | 97311     | ( ML/EPA 300.0 )  | Sulfate                                     | 19.5   | mg/l    | 2.0    | 1        |
|                                                        | 06/01/99 | 97104     | ( ML/SM2540C )    | Total Dissolved Solid (TDS)                 | 290    | mg/l    | 10     | 1        |
| <b>Regulated VOCs plus Lists 1&amp;3</b>               |          |           |                   |                                             |        |         |        |          |
|                                                        | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,1,1,2-Tetrachloroethane                   | ND     | ug/l    | 0.50   | 1        |
|                                                        | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,1,1-Trichloroethane                       | ND     | ug/l    | 0.50   | 1        |
|                                                        | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,1,2,2-Tetrachloroethane                   | ND     | ug/l    | 0.50   | 1        |
|                                                        | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,1,2-Trichloroethane                       | ND     | ug/l    | 0.50   | 1        |
|                                                        | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,1-Dichloroethane                          | ND     | ug/l    | 0.50   | 1        |
|                                                        | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,1-Dichloroethylene                        | ND     | ug/l    | 0.50   | 1        |
|                                                        | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,1-Dichloropropene                         | ND     | ug/l    | 0.50   | 1        |
|                                                        | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,2,3-Trichlorobenzene                      | ND     | ug/l    | 0.50   | 1        |
|                                                        | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,2,3-Trichloropropane                      | ND     | ug/l    | 0.50   | 1        |
|                                                        | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,2,4-Trichlorobenzene                      | ND     | ug/l    | 0.50   | 1        |
|                                                        | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,2,4-Trimethylbenzene                      | ND     | ug/l    | 0.50   | 1        |

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**Laboratory****Report****#54619**Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method            | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|-------------------|---------------------------------|--------|-------|------|----------|
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,2-Dichloroethane              | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,2-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,3,5-Trimethylbenzene          | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,3-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | p-Dichlorobenzene (1,4-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 2,2-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 2-Butanone (MEK)                | ND     | ug/l  | 5.0  | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | o-Chlorotoluene                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | p-Chlorotoluene                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 4-Methyl-2-Pentanone (MIBK)     | ND     | ug/l  | 5.0  | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Benzene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Bromobenzene                    | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Bromomethane (Methyl Bromide)   | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | cis-1,2-Dichloroethylene        | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Chlorobenzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Carbon Tetrachloride            | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | cis-1,3-Dichloropropene         | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Bromoform                       | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Chloroform (Trichloromethane)   | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Bromochloromethane              | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Chloroethane                    | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Chloromethane (Methyl Chloride) | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Chlorodibromomethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Dibromomethane                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Bromodichloromethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Dichloromethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Ethyl benzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/E524.2/624 ) | Dichlorodifluoromethane         | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Fluorotrichloromethane-Freon11  | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Hexachlorobutadiene             | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Isopropylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | m-Dichlorobenzene (1,3-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | m,p-Xylenes                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Naphthalene                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | n-Butylbenzene                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | n-Propylbenzene                 | ND     | ug/l  | 0.50 | 1        |

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**Laboratory****Report****#54619****Foster Wheeler Environmental, Inc**  
(continued)

| Prepared | Analyzed | QC Batch# | Method           | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|------------------|---------------------------------|--------|-------|------|----------|
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | o-Xylene                        | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | o-Dichlorobenzene (1,2-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Tetrachloroethylene (PCE)       | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | p-Isopropyltoluene              | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | sec-Butylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Styrene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | trans-1,2-Dichloroethylene      | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | tert-Butylbenzene               | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Trichloroethylene (TCE)         | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Trichlorotrifluoroethane (Freon | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | trans-1,3-Dichloropropene       | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Toluene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Vinyl chloride (VC)             | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )    | None detected                   | ND     |       |      | 1        |
|          |          |           | ( Surrogate )    | 1,2-Dichloroethane-d4           | 109    | % Rec |      |          |
|          |          |           | ( Surrogate )    | 4-Bromofluorobenzene            | 99     | % Rec |      |          |
|          |          |           | ( Surrogate )    | Toluene-d8                      | 101    | % Rec |      |          |

**MW-992-071 (990526110)****Sampled on 05/26/99**

|          |          |       |                   |                                |       |         |        |   |
|----------|----------|-------|-------------------|--------------------------------|-------|---------|--------|---|
|          | 06/04/99 | 97355 | ( ML/SM2320B )    | Alkalinity                     | 197   | mg/l    | 2.0    | 1 |
|          | 06/09/99 |       | ( ML/SM1040 )     | Anion Sum                      | 10.9  | meq/l   | 0.0010 | 1 |
| 06/10/99 | 06/11/99 | 97497 | ( S3113B/E200.9 ) | Arsenic, Total, GF             | ND    | mg/l    | 0.005  | 1 |
| 06/15/99 | 06/15/99 | 97612 | ( ML/EPA 200.7 )  | Calcium, Total, ICAP           | 113   | mg/l    | 1.0    | 1 |
|          | 06/16/99 |       | ( ML/SM1040 )     | Cation Sum                     | 10.6  | meq/l   | 0.0010 | 1 |
|          | 05/27/99 | 97306 | ( ML/EPA 300 )    | Chloride                       | 104   | mg/l    | 2.0    | 2 |
|          | 06/15/99 | 97643 | ( MOD/EPA 300 )   | Perchlorate                    | 7.8   | ug/l    | 4.0    | 1 |
|          | 06/09/99 |       | ( ML/SM2320B )    | Carbonate as CO3, Calculated   | 0.311 | mg/l    | 0.0010 | 1 |
| 06/10/99 | 06/11/99 | 97461 | ( EPA/ML 200.8 )  | Chromium, Total, ICAP/MS       | ND    | ug/l    | 10     | 1 |
|          | 05/26/99 | 96772 | ( ML/SW 7196 )    | Hexavalent chromium (Cr VI)    | ND    | mg/l    | 0.005  | 1 |
|          | 06/02/99 | 96992 | ( ML/S2510B )     | Specific Conductance           | 930   | umho/cm | 4.0    | 1 |
| 06/10/99 | 06/11/99 | 97462 | ( EPA/ML 200.8 )  | Iron, Total, ICAP/MS           | ND    | ug/l    | 100    | 1 |
|          | 06/09/99 |       | ( ML/SM2320B )    | Bicarbonate as HCO3,calculated | 240   | mg/l    | 0.0010 | 1 |
| 06/15/99 | 06/15/99 | 97614 | ( ML/EPA 200.7 )  | Potassium, Total, ICAP         | 2.7   | mg/l    | 1.0    | 1 |
| 06/15/99 | 06/15/99 | 97619 | ( ML/EPA 200.7 )  | Magnesium, Total, ICAP         | 40.9  | mg/l    | 0.10   | 1 |
| 06/15/99 | 06/15/99 | 97621 | ( ML/EPA 200.7 )  | Sodium, Total, ICAP            | 35.1  | mg/l    | 1.0    | 1 |
|          | 05/27/99 | 97309 | ( ML/EPA 300.0 )  | Nitrate-N by IC                | 14.8  | mg/l    | 0.20   | 2 |

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**Laboratory****Report****#54619**

Foster Wheeler Environmental, Inc

(continued)

| Prepared                                 | Analyzed | QC Batch# | Method           | Analyte                       | Result | Units | MRL    | Dilution |
|------------------------------------------|----------|-----------|------------------|-------------------------------|--------|-------|--------|----------|
| 06/10/99                                 | 06/11/99 | 97463     | ( EPA/ML 200.8 ) | Lead, Total, ICAP/MS          | ND     | ug/l  | 2.0    | 1        |
|                                          | 05/27/99 | 96894     | ( ML/SM 4500HB)  | Lab pH                        | 7.3    | Units | 0.0010 | 1        |
|                                          | 05/27/99 | 97311     | ( ML/EPA 300.0 ) | Sulfate                       | 142    | mg/l  | 4.0    | 2        |
|                                          | 06/01/99 | 97104     | ( ML/SM2540C )   | Total Dissolved Solid (TDS)   | 620    | mg/l  | 10     | 1        |
| <b>Regulated VOCs plus Lists 1&amp;3</b> |          |           |                  |                               |        |       |        |          |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 1,1,1,2-Tetrachloroethane     | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 1,1,1-Trichloroethane         | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 1,1,2,2-Tetrachloroethane     | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 1,1,2-Trichloroethane         | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 1,1-Dichloroethane            | 0.5    | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 1,1-Dichloroethylene          | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 1,1-Dichloropropene           | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 1,2,3-Trichlorobenzene        | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 1,2,3-Trichloropropane        | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 1,2,4-Trichlorobenzene        | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 1,2,4-Trimethylbenzene        | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 1,2-Dichloroethane            | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 1,2-Dichloropropane           | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 1,3,5-Trimethylbenzene        | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 1,3-Dichloropropane           | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | p-Dichlorobenzene (1,4-DCB)   | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 2,2-Dichloropropane           | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 2-Butanone (MEK)              | ND     | ug/l  | 5.0    | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | o-Chlorotoluene               | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | p-Chlorotoluene               | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 4-Methyl-2-Pentanone (MIBK)   | ND     | ug/l  | 5.0    | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Benzene                       | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Bromobenzene                  | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Bromomethane (Methyl Bromide) | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | cis-1,2-Dichloroethylene      | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Chlorobenzene                 | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Carbon Tetrachloride          | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | cis-1,3-Dichloropropene       | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Bromoform                     | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Chloroform (Trichloromethane) | 0.6    | ug/l  | 0.50   | 1        |

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**Laboratory****Report****#54619**Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method            | Analyte                        | Result | Units | MRL  | Dilution |
|----------|----------|-----------|-------------------|--------------------------------|--------|-------|------|----------|
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Bromochloromethane             | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Chloroethane                   | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Chloromethane(Methyl Chloride) | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Chlorodibromomethane           | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Dibromomethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Bromodichloromethane           | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Dichloromethane                | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Ethyl benzene                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/E524.2/624 ) | Dichlorodifluoromethane        | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Fluorotrichloromethane-Freon11 | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Hexachlorobutadiene            | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Isopropylbenzene               | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | m-Dichlorobenzene (1,3-DCB)    | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | m,p-Xylenes                    | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Naphthalene                    | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | n-Butylbenzene                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | n-Propylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | o-Xylene                       | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | o-Dichlorobenzene (1,2-DCB)    | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Tetrachloroethylene (PCE)      | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | p-Isopropyltoluene             | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | sec-Butylbenzene               | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Styrene                        | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | trans-1,2-Dichloroethylene     | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | tert-Butylbenzene              | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Trichloroethylene (TCE)        | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Trichlorotrifluoroethane(Freon | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | trans-1,3-Dichloropropene      | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Toluene                        | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Vinyl chloride (VC)            | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )     | None detected                  | ND     |       |      | 1        |
|          |          |           | ( Surrogate )     | 1,2-Dichloroethane-d4          | 105    | % Rec |      |          |
|          |          |           | ( Surrogate )     | 4-Bromofluorobenzene           | 99     | % Rec |      |          |
|          |          |           | ( Surrogate )     | Toluene-d8                     | 100    | % Rec |      |          |



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**Laboratory  
Report  
#54619**Foster Wheeler Environmental, Inc  
(continued)

| Prepared                      | Analyzed | QC Batch# | Method            | Analyte                                      | Result | Units   | MRL    | Dilution |
|-------------------------------|----------|-----------|-------------------|----------------------------------------------|--------|---------|--------|----------|
| <b>MW-992-070 (990526111)</b> |          |           |                   | <b>Sampled on 05/26/99</b>                   |        |         |        |          |
|                               | 06/04/99 | 97355     | ( ML/SM2320B )    | Alkalinity                                   | 203    | mg/l    | 2.0    | 1        |
|                               | 06/09/99 |           | ( ML/SM1040 )     | Anion Sum                                    | 11.2   | meq/l   | 0.0010 | 1        |
| 06/10/99                      | 06/11/99 | 97497     | ( S3113B/E200.9 ) | Arsenic, Total, GF                           | ND     | mg/l    | 0.005  | 1        |
| 06/15/99                      | 06/15/99 | 97612     | ( ML/EPA 200.7 )  | Calcium, Total, ICAP                         | 116    | mg/l    | 1.0    | 1        |
|                               | 06/16/99 |           | ( ML/SM1040 )     | Cation Sum                                   | 10.9   | meq/l   | 0.0010 | 1        |
|                               | 05/27/99 | 97306     | ( ML/EPA 300 )    | Chloride                                     | 109    | mg/l    | 2.0    | 2        |
|                               | 06/15/99 | 97643     | ( MOD/EPA 300 )   | Perchlorate                                  | 7.6    | ug/l    | 4.0    | 1        |
|                               | 06/09/99 |           | ( ML/SM2320B )    | Carbonate as CO <sub>3</sub> , Calculated    | 0.161  | mg/l    | 0.0010 | 1        |
| 06/10/99                      | 06/11/99 | 97461     | ( EPA/ML 200.8 )  | Chromium, Total, ICAP/MS                     | ND     | ug/l    | 10     | 1        |
|                               | 05/26/99 | 96772     | ( ML/SW 7196 )    | Hexavalent chromium (Cr VI)                  | ND     | mg/l    | 0.005  | 1        |
|                               | 06/02/99 | 96992     | ( ML/S2510B )     | Specific Conductance                         | 960    | umho/cm | 4.0    | 1        |
| 06/10/99                      | 06/11/99 | 97462     | ( EPA/ML 200.8 )  | Iron, Total, ICAP/MS                         | 690    | ug/l    | 100    | 1        |
|                               | 06/09/99 |           | ( ML/SM2320B )    | Bicarbonate as HCO <sub>3</sub> , calculated | 248    | mg/l    | 0.0010 | 1        |
| 06/15/99                      | 06/15/99 | 97614     | ( ML/EPA 200.7 )  | Potassium, Total, ICAP                       | 2.7    | mg/l    | 1.0    | 1        |
| 06/15/99                      | 06/15/99 | 97619     | ( ML/EPA 200.7 )  | Magnesium, Total, ICAP                       | 42.7   | mg/l    | 0.10   | 1        |
| 06/15/99                      | 06/15/99 | 97621     | ( ML/EPA 200.7 )  | Sodium, Total, ICAP                          | 35.0   | mg/l    | 1.0    | 1        |
|                               | 05/27/99 | 97309     | ( ML/EPA 300.0 )  | Nitrate-N by IC                              | 13.8   | mg/l    | 0.20   | 2        |
| 06/10/99                      | 06/11/99 | 97463     | ( EPA/ML 200.8 )  | Lead, Total, ICAP/MS                         | ND     | ug/l    | 2.0    | 1        |
|                               | 05/27/99 | 96894     | ( ML/SM 4500HB )  | Lab pH                                       | 7.0    | Units   | 0.0010 | 1        |
|                               | 05/27/99 | 97311     | ( ML/EPA 300.0 )  | Sulfate                                      | 148    | mg/l    | 4.0    | 2        |
|                               | 06/01/99 | 97104     | ( ML/SM2540C )    | Total Dissolved Solid (TDS)                  | 630    | mg/l    | 10     | 1        |

**Regulated VOCs plus Lists 1&3**

|          |       |                  |                           |     |      |      |   |
|----------|-------|------------------|---------------------------|-----|------|------|---|
| 05/28/99 | 97034 | ( ML/EPA 524.2 ) | 1,1,1,2-Tetrachloroethane | ND  | ug/l | 0.50 | 1 |
| 05/28/99 | 97034 | ( ML/EPA 524.2 ) | 1,1,1-Trichloroethane     | ND  | ug/l | 0.50 | 1 |
| 05/28/99 | 97034 | ( ML/EPA 524.2 ) | 1,1,2,2-Tetrachloroethane | ND  | ug/l | 0.50 | 1 |
| 05/28/99 | 97034 | ( ML/EPA 524.2 ) | 1,1,2-Trichloroethane     | ND  | ug/l | 0.50 | 1 |
| 05/28/99 | 97034 | ( ML/EPA 524.2 ) | 1,1-Dichloroethane        | ND  | ug/l | 0.50 | 1 |
| 05/28/99 | 97034 | ( ML/EPA 524.2 ) | 1,1-Dichloroethylene      | ND  | ug/l | 0.50 | 1 |
| 05/28/99 | 97034 | ( ML/EPA 524.2 ) | 1,1-Dichloropropene       | ND  | ug/l | 0.50 | 1 |
| 05/28/99 | 97034 | ( ML/EPA 524.2 ) | 1,2,3-Trichlorobenzene    | 0.7 | ug/l | 0.50 | 1 |
| 05/28/99 | 97034 | ( ML/EPA 524.2 ) | 1,2,3-Trichloropropane    | ND  | ug/l | 0.50 | 1 |
| 05/28/99 | 97034 | ( ML/EPA 524.2 ) | 1,2,4-Trichlorobenzene    | ND  | ug/l | 0.50 | 1 |
| 05/28/99 | 97034 | ( ML/EPA 524.2 ) | 1,2,4-Trimethylbenzene    | ND  | ug/l | 0.50 | 1 |

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**Laboratory****Report****#54619**Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method            | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|-------------------|---------------------------------|--------|-------|------|----------|
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,2-Dichloroethane              | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,2-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,3,5-Trimethylbenzene          | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,3-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | p-Dichlorobenzene (1,4-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 2,2-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 2-Butanone (MEK)                | ND     | ug/l  | 5.0  | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | o-Chlorotoluene                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | p-Chlorotoluene                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 4-Methyl-2-Pentanone (MIBK)     | ND     | ug/l  | 5.0  | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Benzene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Bromobenzene                    | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Bromomethane (Methyl Bromide)   | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | cis-1,2-Dichloroethylene        | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Chlorobenzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Carbon Tetrachloride            | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | cis-1,3-Dichloropropene         | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Bromoform                       | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Chloroform (Trichloromethane)   | 1.0    | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Bromochloromethane              | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Chloroethane                    | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Chloromethane (Methyl Chloride) | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Chlorodibromomethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Dibromomethane                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Bromodichloromethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Dichloromethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Ethyl benzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/E524.2/624 ) | Dichlorodifluoromethane         | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Fluorotrichloromethane-Freon11  | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Hexachlorobutadiene             | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Isopropylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | m-Dichlorobenzene (1,3-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | m,p-Xylenes                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Naphthalene                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | n-Butylbenzene                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | n-Propylbenzene                 | ND     | ug/l  | 0.50 | 1        |

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**Laboratory****Report****#54619**Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method           | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|------------------|---------------------------------|--------|-------|------|----------|
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | o-Xylene                        | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | o-Dichlorobenzene (1,2-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Tetrachloroethylene (PCE)       | 1.1    | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | p-Isopropyltoluene              | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | sec-Butylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Styrene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | trans-1,2-Dichloroethylene      | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | tert-Butylbenzene               | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Trichloroethylene (TCE)         | 7.0    | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Trichlorotrifluoroethane (Freon | 0.6    | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | trans-1,3-Dichloropropene       | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Toluene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Vinyl chloride (VC)             | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )    | None detected                   | ND     |       |      | 1        |
|          |          |           | ( Surrogate )    | 1,2-Dichloroethane-d4           | 104    | % Rec |      |          |
|          |          |           | ( Surrogate )    | 4-Bromofluorobenzene            | 99     | % Rec |      |          |
|          |          |           | ( Surrogate )    | Toluene-d8                      | 97     | % Rec |      |          |

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QC Report

#54619

Foster Wheeler Environmental, Inc

**QC Batch #96772****Hexavalent chromium (Cr VI)**

| QC   | Analyte                     | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|-----------------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample               | Lab # 99 | 0526110   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Hexavalent chromium (Cr VI) | 0.050    | 0.050     | 100.0     | ( 78.00 - 118.00 ) |         |
| LCS2 | Hexavalent chromium (Cr VI) | 0.050    | 0.050     | 100.0     | ( 78.00 - 118.00 ) | 0.00    |
| MBLK | Hexavalent chromium (Cr VI) | ND       |           |           |                    |         |
| MS   | Hexavalent chromium (Cr VI) | 0.050    | 0.049     | 98.0      | ( 80.00 - 120.00 ) |         |
| MSD  | Hexavalent chromium (Cr VI) | 0.050    | 0.049     | 98.0      | ( 80.00 - 120.00 ) | 0.00    |

**QC Batch #96894****Lab pH**

| QC  | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)      | RPD (%) |
|-----|---------------|----------|-----------|-----------|-----------------|---------|
| DUP | Spiked sample | lab # 99 | 0526111   |           | ( 0.00 - 0.00 ) |         |

**QC Batch #96992****Specific Conductance**

| QC  | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)      | RPD (%) |
|-----|---------------|----------|-----------|-----------|-----------------|---------|
| DUP | Spiked sample | Lab # 99 | 0527210   |           | ( 0.00 - 0.00 ) |         |

**QC Batch #97034****Regulated VOCs plus Lists 1&3**

| QC   | Analyte                   | Spiked | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|---------------------------|--------|-----------|-----------|--------------------|---------|
| MBLK | 1,1,1,2-Tetrachloroethane | ND     |           |           |                    |         |
| LCS1 | 1,1,1-Trichloroethane     | 4      | 4.05      | 101.2     | ( 70.00 - 130.00 ) |         |
| MBLK | 1,1,1-Trichloroethane     | ND     |           |           |                    |         |
| LCS1 | 1,1,2,2-Tetrachloroethane | 4      | 4.63      | 115.8     | ( 70.00 - 130.00 ) |         |
| MBLK | 1,1,2,2-Tetrachloroethane | ND     |           |           |                    |         |
| LCS1 | 1,1,2-Trichloroethane     | 4      | 4.40      | 110.0     | ( 70.00 - 130.00 ) |         |
| MBLK | 1,1,2-Trichloroethane     | ND     |           |           |                    |         |
| LCS1 | 1,1-Dichloroethane        | 4      | 4.94      | 123.5     | ( 70.00 - 130.00 ) |         |
| MBLK | 1,1-Dichloroethane        | ND     |           |           |                    |         |
| LCS1 | 1,1-Dichloroethylene      | 4      | 3.57      | 89.2      | ( 70.00 - 130.00 ) |         |
| MBLK | 1,1-Dichloroethylene      | ND     |           |           |                    |         |
| MS   | 1,1-Dichloroethylene      | 4      | 4.21      | 105.2     | ( 70.00 - 130.00 ) |         |
| MSD  | 1,1-Dichloroethylene      | 4      | 3.42      | 85.5      | ( 70.00 - 130.00 ) | 21      |

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**Laboratory****QC Report****#54619****Foster Wheeler Environmental, Inc**  
(continued)

|      |                               |          |         |       |                    |     |
|------|-------------------------------|----------|---------|-------|--------------------|-----|
| MBLK | 1,1-Dichloropropene           | ND       |         |       |                    |     |
| MBLK | 1,2,3-Trichlorobenzene        | ND       |         |       |                    |     |
| MBLK | 1,2,3-Trichloropropane        | ND       |         |       |                    |     |
| LCS1 | 1,2,4-Trichlorobenzene        | 4        | 3.98    | 99.5  | ( 70.00 - 130.00 ) |     |
| MBLK | 1,2,4-Trichlorobenzene        | ND       |         |       |                    |     |
| MBLK | 1,2,4-Trimethylbenzene        | ND       |         |       |                    |     |
| LCS1 | 1,2-Dichloroethane            | 4        | 4.28    | 107.0 | ( 70.00 - 130.00 ) |     |
| MBLK | 1,2-Dichloroethane            | ND       |         |       |                    |     |
| LCS1 | 1,2-Dichloropropane           | 4        | 4.32    | 108.0 | ( 70.00 - 130.00 ) |     |
| MBLK | 1,2-Dichloropropane           | ND       |         |       |                    |     |
| MBLK | 1,3,5-Trimethylbenzene        | ND       |         |       |                    |     |
| LCS1 | 1,3-Dichloropropane           | 8        | 8.20    | 102.5 | ( 70.00 - 130.00 ) |     |
| MBLK | 1,3-Dichloropropane           | ND       |         |       |                    |     |
| LCS1 | p-Dichlorobenzene (1,4-DCB)   | 4        | 4.21    | 105.2 | ( 70.00 - 130.00 ) |     |
| MBLK | p-Dichlorobenzene (1,4-DCB)   | ND       |         |       |                    |     |
| MBLK | 2,2-Dichloropropane           | ND       |         |       |                    |     |
| MBLK | 2-Butanone (MEK)              | ND       |         |       |                    |     |
| MBLK | 2-Chloroethylvinylether       | ND       |         |       |                    |     |
| MBLK | o-Chlorotoluene               | ND       |         |       |                    |     |
| MBLK | p-Chlorotoluene               | ND       |         |       |                    |     |
| MBLK | 4-Methyl-2-Pentanone (MIBK)   | ND       |         |       |                    |     |
| MS   | Spiked sample                 | Lab # 99 | 0527208 |       | ( 0.00 - 0.00 )    |     |
| LCS1 | Benzene                       | 4        | 4.15    | 103.8 | ( 70.00 - 130.00 ) |     |
| MBLK | Benzene                       | ND       |         |       |                    |     |
| MS   | Benzene                       | 4        | 4.15    | 103.8 | ( 70.00 - 130.00 ) |     |
| MSD  | Benzene                       | 4        | 4.21    | 105.2 | ( 70.00 - 130.00 ) | 1.4 |
| MBLK | Bromobenzene                  | ND       |         |       |                    |     |
| MBLK | Bromomethane (Methyl Bromide) | ND       |         |       |                    |     |
| LCS1 | cis-1,2-Dichloroethylene      | 4        | 4.37    | 109.2 | ( 70.00 - 130.00 ) |     |
| MBLK | cis-1,2-Dichloroethylene      | ND       |         |       |                    |     |
| LCS1 | Chlorobenzene                 | 4        | 4.09    | 102.2 | ( 70.00 - 130.00 ) |     |
| MBLK | Chlorobenzene                 | ND       |         |       |                    |     |
| MS   | Chlorobenzene                 | 4        | 4.26    | 106.5 | ( 70.00 - 130.00 ) |     |
| MSD  | Chlorobenzene                 | 4        | 4.21    | 105.2 | ( 70.00 - 130.00 ) | 1.2 |
| LCS1 | Carbon Tetrachloride          | 4        | 4.26    | 106.5 | ( 70.00 - 130.00 ) |     |
| MBLK | Carbon Tetrachloride          | ND       |         |       |                    |     |
| MBLK | cis-1,3-Dichloropropene       | ND       |         |       |                    |     |

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QC Report

#54619

Foster Wheeler Environmental, Inc  
(continued)

|      |                                 |    |      |       |                    |
|------|---------------------------------|----|------|-------|--------------------|
| LCS1 | Bromoform                       | 4  | 4.36 | 109.0 | ( 70.00 - 130.00 ) |
| MBLK | Bromoform                       | ND |      |       |                    |
| LCS1 | Chloroform (Trichloromethane)   | 4  | 4.22 | 105.5 | ( 70.00 - 130.00 ) |
| MBLK | Chloroform (Trichloromethane)   | ND |      |       |                    |
| MBLK | Bromochloromethane              | ND |      |       |                    |
| MBLK | Chloroethane                    | ND |      |       |                    |
| MBLK | Chloromethane (Methyl Chloride) | ND |      |       |                    |
| LCS1 | Chlorodibromomethane            | 4  | 4.44 | 111.0 | ( 70.00 - 130.00 ) |
| MBLK | Chlorodibromomethane            | ND |      |       |                    |
| MBLK | Dibromomethane                  | ND |      |       |                    |
| LCS1 | Bromodichloromethane            | 4  | 4.39 | 109.7 | ( 70.00 - 130.00 ) |
| MBLK | Bromodichloromethane            | ND |      |       |                    |
| LCS1 | Dichloromethane                 | 4  | 3.70 | 92.5  | ( 70.00 - 130.00 ) |
| MBLK | Dichloromethane                 | ND |      |       |                    |
| LCS1 | Ethyl benzene                   | 4  | 4.17 | 104.2 | ( 70.00 - 130.00 ) |
| MBLK | Ethyl benzene                   | ND |      |       |                    |
| MBLK | Dichlorodifluoromethane         | ND |      |       |                    |
| LCS1 | Fluorotrichloromethane-Freon11  | 2  | 2.08 | 104.0 | ( 70.00 - 130.00 ) |
| MBLK | Fluorotrichloromethane-Freon11  | ND |      |       |                    |
| MBLK | Hexachlorobutadiene             | ND |      |       |                    |
| MBLK | Isopropylbenzene                | ND |      |       |                    |
| MBLK | m-Dichlorobenzene (1,3-DCB)     | ND |      |       |                    |
| LCS1 | m,p-Xylenes                     | 8  | 8.18 | 102.2 | ( 70.00 - 130.00 ) |
| MBLK | m,p-Xylenes                     | ND |      |       |                    |
| MBLK | Naphthalene                     | ND |      |       |                    |
| MBLK | n-Butylbenzene                  | ND |      |       |                    |
| MBLK | n-Propylbenzene                 | ND |      |       |                    |
| LCS1 | o-Xylene                        | 4  | 4.36 | 109.0 | ( 70.00 - 130.00 ) |
| MBLK | o-Xylene                        | ND |      |       |                    |
| LCS1 | o-Dichlorobenzene (1,2-DCB)     | 4  | 4.04 | 101.0 | ( 70.00 - 130.00 ) |
| MBLK | o-Dichlorobenzene (1,2-DCB)     | ND |      |       |                    |
| LCS1 | Tetrachloroethylene (PCE)       | 4  | 4.13 | 103.2 | ( 70.00 - 130.00 ) |
| MBLK | Tetrachloroethylene (PCE)       | ND |      |       |                    |
| MBLK | p-Isopropyltoluene              | ND |      |       |                    |
| MBLK | sec-Butylbenzene                | ND |      |       |                    |
| LCS1 | Styrene                         | 4  | 4.29 | 107.2 | ( 70.00 - 130.00 ) |
| MBLK | Styrene                         | ND |      |       |                    |

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QC Report

#54619

Foster Wheeler Environmental, Inc  
(continued)

|      |                                  |     |      |       |                    |      |
|------|----------------------------------|-----|------|-------|--------------------|------|
| LCS1 | 1,2-dichloroethane-d4            | 100 | 101  | 101.0 | ( 80.00 - 120.00 ) |      |
| MBLK | 1,2-dichloroethane-d4            | 100 | 96   | 96.0  |                    |      |
| MS   | 1,2-dichloroethane-d4            | 100 | 102  | 102.0 | ( 80.00 - 120.00 ) |      |
| MSD  | 1,2-dichloroethane-d4            | 100 | 104  | 104.0 | ( 80.00 - 120.00 ) | 1.9  |
| LCS1 | Toluene-d8                       | 100 | 95   | 95.0  | ( 80.00 - 120.00 ) |      |
| MBLK | Toluene-d8                       | 100 | 96   | 96.0  |                    |      |
| MS   | Toluene-d8                       | 100 | 97   | 97.0  | ( 80.00 - 120.00 ) |      |
| MSD  | Toluene-d8                       | 100 | 98   | 98.0  | ( 80.00 - 120.00 ) | 1.0  |
| LCS1 | 4-Bromofluorobenzene             | 100 | 98   | 98.0  | ( 80.00 - 120.00 ) |      |
| MBLK | 4-Bromofluorobenzene             | 100 | 102  | 102.0 |                    |      |
| MS   | 4-Bromofluorobenzene             | 100 | 103  | 103.0 | ( 80.00 - 120.00 ) |      |
| MSD  | 4-Bromofluorobenzene             | 100 | 103  | 103.0 | ( 80.00 - 120.00 ) | 0.00 |
| LCS1 | trans-1,2-Dichloroethylene       | 4   | 4.45 | 111.2 | ( 70.00 - 130.00 ) |      |
| MBLK | trans-1,2-Dichloroethylene       | ND  |      |       |                    |      |
| MBLK | tert-Butylbenzene                | ND  |      |       |                    |      |
| LCS1 | Trichloroethylene (TCE)          | 4   | 4.11 | 102.8 | ( 70.00 - 130.00 ) |      |
| MBLK | Trichloroethylene (TCE)          | ND  |      |       |                    |      |
| MS   | Trichloroethylene (TCE)          | 4   | 4.25 | 106.2 | ( 70.00 - 130.00 ) |      |
| MSD  | Trichloroethylene (TCE)          | 4   | 4.07 | 101.8 | ( 70.00 - 130.00 ) | 4.3  |
| LCS1 | Trichlorotrifluoroethane (Freon) | 2   | 2.45 | 122.5 | ( 70.00 - 130.00 ) |      |
| MBLK | Trichlorotrifluoroethane (Freon) | ND  |      |       |                    |      |
| MBLK | trans-1,3-Dichloropropene        | ND  |      |       |                    |      |
| LCS1 | Toluene                          | 4   | 4.08 | 102.0 | ( 70.00 - 130.00 ) |      |
| MBLK | Toluene                          | ND  |      |       |                    |      |
| MS   | Toluene                          | 4   | 4.28 | 107.0 | ( 70.00 - 130.00 ) |      |
| MSD  | Toluene                          | 4   | 4.33 | 108.2 | ( 70.00 - 130.00 ) | 1.2  |
| LCS1 | Vinyl chloride (VC)              | 2   | 1.88 | 94.0  | ( 70.00 - 130.00 ) |      |
| MBLK | Vinyl chloride (VC)              | ND  |      |       |                    |      |

## QC Batch #97104

## Total Dissolved Solid (TDS)

| QC   | Analyte                     | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|-----------------------------|----------|-----------|-----------|--------------------|---------|
| DUP  | Spiked sample               | Lab # 99 | 0526020   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Total Dissolved Solid (TDS) | 175      | 168       | 96.0      | ( 85.00 - 115.00 ) |         |
| LCS2 | Total Dissolved Solid (TDS) | 700      | 668       | 95.4      | ( 85.00 - 115.00 ) |         |
| MBLK | Total Dissolved Solid (TDS) | ND       |           |           |                    |         |

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QC Report  
#54619

Foster Wheeler Environmental, Inc  
(continued)

**QC Batch #97185****Nitrate-N by IC**

| QC   | Analyte         | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|-----------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample   | Lab # 99 | 0528228   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Nitrate-N by IC | 2.5      | 2.51      | 100.4     | ( 90.00 - 110.00 ) |         |
| LCS2 | Nitrate-N by IC | 2.5      | 2.52      | 100.8     | ( 90.00 - 110.00 ) | 0.40    |
| MBLK | Nitrate-N by IC | ND       |           |           |                    |         |
| MS   | Nitrate-N by IC | 2.5      | 2.61      | 104.4     | ( 80.00 - 120.00 ) |         |
| MSD  | Nitrate-N by IC | 2.5      | 2.61      | 104.4     | ( 80.00 - 120.00 ) | 0.00    |

**QC Batch #97306****Chloride**

| QC   | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|---------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample | Lab # 99 | 0526109   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Chloride      | 25       | 24.9      | 99.6      | ( 90.00 - 110.00 ) |         |
| LCS2 | Chloride      | 25       | 24.8      | 99.2      | ( 90.00 - 110.00 ) | 0.40    |
| MBLK | Chloride      | ND       |           |           |                    |         |
| MS   | Chloride      | 25       | 25.8      | 103.2     | ( 80.00 - 120.00 ) |         |
| MSD  | Chloride      | 25       | 25.8      | 103.2     | ( 80.00 - 120.00 ) | 0.00    |

**QC Batch #97309****Nitrate-N by IC**

| QC   | Analyte         | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|-----------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample   | Lab # 99 | 0526110   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Nitrate-N by IC | 2.5      | 2.52      | 100.8     | ( 94.00 - 106.00 ) |         |
| LCS2 | Nitrate-N by IC | 2.5      | 2.52      | 100.8     | ( 94.00 - 106.00 ) | 0.00    |
| MBLK | Nitrate-N by IC | ND       |           |           |                    |         |
| MS   | Nitrate-N by IC | 2.5      | 2.39      | 95.6      | ( 85.00 - 118.00 ) |         |
| MSD  | Nitrate-N by IC | 2.5      | 2.40      | 96.0      | ( 85.00 - 118.00 ) | 0.42    |

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**Laboratory****QC Report****#54619**Foster Wheeler Environmental, Inc  
(continued)**QC Batch #97311****Sulfate**

| QC   | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|---------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample | Lab # 99 | 0526109   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Sulfate       | 50       | 49.8      | 99.6      | ( 95.00 - 104.00 ) |         |
| LCS2 | Sulfate       | 50       | 49.9      | 99.8      | ( 95.00 - 104.00 ) | 0.20    |
| MBLK | Sulfate       | ND       |           |           |                    |         |
| MS   | Sulfate       | 50       | 52.8      | 105.6     | ( 97.00 - 112.00 ) |         |
| MSD  | Sulfate       | 50       | 52.9      | 105.8     | ( 97.00 - 112.00 ) | 0.19    |

**QC Batch #97355****Alkalinity**

| QC   | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|---------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample | Lab # 99 | 0526107   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Alkalinity    | 96.2     | 97.5      | 101.4     | ( 96.00 - 107.00 ) |         |
| LCS2 | Alkalinity    | 96.2     | 96.7      | 100.5     | ( 96.00 - 107.00 ) | 0.82    |
| MBLK | Alkalinity    | ND       |           |           |                    |         |
| MS   | Alkalinity    | 96.2     | 87.9      | 91.4      | ( 80.00 - 120.00 ) |         |
| MSD  | Alkalinity    | 96.2     | 88.4      | 91.9      | ( 80.00 - 120.00 ) | 0.57    |

**QC Batch #97461****Chromium, Total, ICAP/MS**

| QC   | Analyte                  | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|--------------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample            | Lab # 99 | 0525109   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Chromium, Total, ICAP/MS | 100      | 106       | 106.0     | ( 85.00 - 115.00 ) |         |
| LCS2 | Chromium, Total, ICAP/MS | 100      | 101       | 101.0     | ( 85.00 - 115.00 ) | 4.8     |
| MBLK | Chromium, Total, ICAP/MS | ND       |           |           |                    |         |
| MS   | Chromium, Total, ICAP/MS | 100      | 106       | 106.0     | ( 77.00 - 119.00 ) |         |
| MSD  | Chromium, Total, ICAP/MS | 100      | 104       | 104.0     | ( 77.00 - 119.00 ) | 1.9     |

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QC Report  
#54619

Foster Wheeler Environmental, Inc  
(continued)

**QC Batch #97462****Iron, Total, ICAP/MS**

| QC   | Analyte              | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|----------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample        | Lab # 99 | 0525109   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Iron, Total, ICAP/MS | 500      | 527       | 105.4     | ( 85.00 - 115.00 ) |         |
| LCS2 | Iron, Total, ICAP/MS | 500      | 518       | 103.6     | ( 85.00 - 115.00 ) | 1.7     |
| MBLK | Iron, Total, ICAP/MS | ND       |           |           |                    |         |
| MS   | Iron, Total, ICAP/MS | 500      | 510       | 102.0     | ( 70.00 - 130.00 ) |         |
| MSD  | Iron, Total, ICAP/MS | 500      | 484       | 96.8      | ( 70.00 - 130.00 ) | 5.2     |

**QC Batch #97463****Lead, Total, ICAP/MS**

| QC   | Analyte              | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|----------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample        | Lab # 99 | 0525109   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Lead, Total, ICAP/MS | 20.0     | 21.6      | 108.0     | ( 87.00 - 108.00 ) |         |
| LCS2 | Lead, Total, ICAP/MS | 20.0     | 20.7      | 103.5     | ( 87.00 - 108.00 ) | 4.3     |
| MBLK | Lead, Total, ICAP/MS | ND       |           |           |                    |         |
| MS   | Lead, Total, ICAP/MS | 20.0     | 22.0      | 110.0     | ( 75.00 - 119.00 ) |         |
| MSD  | Lead, Total, ICAP/MS | 20.0     | 20.8      | 104.0     | ( 75.00 - 119.00 ) | 5.6     |

**QC Batch #97497****Arsenic, Total, GF**

| QC   | Analyte            | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|--------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample      | Lab # 99 | 0526109   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Arsenic, Total, GF | 0.020    | 0.0190    | 95.0      | ( 85.00 - 115.00 ) |         |
| LCS2 | Arsenic, Total, GF | 0.020    | 0.0187    | 93.5      | ( 85.00 - 115.00 ) | 1.6     |
| MBLK | Arsenic, Total, GF | ND       |           |           |                    |         |
| MS   | Arsenic, Total, GF | 0.020    | 0.0224    | 112.0     | ( 70.00 - 130.00 ) |         |
| MSD  | Arsenic, Total, GF | 0.020    | 0.0216    | 108.0     | ( 70.00 - 130.00 ) | 3.6     |

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.  
Criteria for MS and DUP are advisory only and not applicable for ICR monitoring.

**MONTGOMERY WATSON LABORATORIES**

a Division of Montgomery Watson Americas, Inc.

555 East Walnut Street

Pasadena, California 91101

Tel: 626 568 6400 Fax: 626 568 6324

1 800 566 LABS (1 800 566 5227)

Laboratory

QC Report

#54619

Foster Wheeler Environmental, Inc  
(continued)**QC Batch #97612****Calcium, Total, ICAP**

| QC   | Analyte              | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|----------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample        | Lab # 99 | 0526107   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Calcium, Total, ICAP | 50       | 52.9      | 105.8     | ( 85.00 - 115.00 ) |         |
| LCS2 | Calcium, Total, ICAP | 50       | 52.9      | 105.8     | ( 85.00 - 115.00 ) | 0.00    |
| MBLK | Calcium, Total, ICAP | ND       |           |           |                    |         |
| MS   | Calcium, Total, ICAP | 50       | 50.5      | 101.0     | ( 70.00 - 130.00 ) |         |
| MSD  | Calcium, Total, ICAP | 50       | 50.4      | 100.8     | ( 70.00 - 130.00 ) | 0.20    |

**QC Batch #97614****Potassium, Total, ICAP**

| QC   | Analyte                | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|------------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample          | Lab # 99 | 0526107   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Potassium, Total, ICAP | 20       | 21.4      | 107.0     | ( 80.00 - 110.00 ) |         |
| LCS2 | Potassium, Total, ICAP | 20       | 21.3      | 106.5     | ( 80.00 - 110.00 ) | 0.47    |
| MBLK | Potassium, Total, ICAP | ND       |           |           |                    |         |
| MS   | Potassium, Total, ICAP | 20       | 20.5      | 102.5     | ( 80.00 - 120.00 ) |         |
| MSD  | Potassium, Total, ICAP | 20       | 20.4      | 102.0     | ( 80.00 - 120.00 ) | 0.49    |

**QC Batch #97619****Magnesium, Total, ICAP**

| QC   | Analyte                | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|------------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample          | Lab # 99 | 0526107   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Magnesium, Total, ICAP | 20       | 21.4      | 107.0     | ( 97.00 - 115.00 ) |         |
| LCS2 | Magnesium, Total, ICAP | 20       | 21.3      | 106.5     | ( 97.00 - 115.00 ) | 0.47    |
| MBLK | Magnesium, Total, ICAP | ND       |           |           |                    |         |
| MS   | Magnesium, Total, ICAP | 20       | 20.4      | 102.0     | ( 74.00 - 130.00 ) |         |
| MSD  | Magnesium, Total, ICAP | 20       | 20.3      | 101.5     | ( 74.00 - 130.00 ) | 0.49    |

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.  
Criteria for MS and DUP are advisory only and not applicable for ICR monitoring.

**MONTGOMERY WATSON LABORATORIES**

a Division of Montgomery Watson Americas, Inc.

555 East Walnut Street

Pasadena, California 91101

Tel: 626 568 6400 Fax: 626 568 6324

1 800 566 LABS (1 800 566 5227)

**Laboratory  
QC Report  
#54619**Foster Wheeler Environmental, Inc  
(continued)**QC Batch #97621****Sodium, Total, ICAP**

| QC   | Analyte             | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|---------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample       | Lab # 99 | 0526107   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Sodium, Total, ICAP | 50       | 53.7      | 107.4     | ( 94.00 - 112.00 ) |         |
| LCS2 | Sodium, Total, ICAP | 50       | 53.8      | 107.6     | ( 94.00 - 112.00 ) | 0.19    |
| MBLK | Sodium, Total, ICAP | ND       |           |           |                    |         |
| MS   | Sodium, Total, ICAP | 50       | 51.2      | 102.4     | ( 82.00 - 114.00 ) |         |
| MSD  | Sodium, Total, ICAP | 50       | 50.1      | 100.2     | ( 82.00 - 114.00 ) | 2.2     |

**QC Batch #97643****Perchlorate**

| QC   | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|---------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample | Lab # 99 | 0524256   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Perchlorate   | 20.0     | 20.6      | 103.0     | ( 90.00 - 110.00 ) |         |
| LCS2 | Perchlorate   | 20.0     | 20.7      | 103.5     | ( 90.00 - 110.00 ) | 0.48    |
| MBLK | Perchlorate   | ND       |           |           |                    |         |
| MS   | Perchlorate   | 20.0     | 20.2      | 101.0     | ( 75.00 - 125.00 ) |         |
| MSD  | Perchlorate   | 20.0     | 20.4      | 102.0     | ( 75.00 - 125.00 ) | 0.99    |

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.  
Criteria for MS and DUP are advisory only and not applicable for ICR monitoring.



# MONTGOMERY WATSON LABORATORIES

Quality Environmental Analysis

A division of Montgomery Watson Americas, Inc.  
June 28, 1999

Foster Wheeler Environmental  
611 Anton Blvd, Suite 800  
Costa Mesa, CA.92626

Attention: Mark Cutler

Re: Report # 54654 (MW-992-100, MW-992-099, MW-992-069,  
MW-992-068, MW-992-067, MW-992-066, MW-992-065)

Sampled: 5/26/99

Dear Mark,

Enclosed please find data deliverables for the recent JPL project. A detailed quality control (QC) summary follows:

**Non-conformance (LCS, MS/MSD, Surrogates, and Holding Times)**

None

**Samples requiring dilution (with increased MRL's):**

MW-992-065 was diluted for Iron.

MW-992-065: Nitrate is reported from the Undiluted run within Holding Time, HT. The highest standard is 10 ppm. The result from a diluted run past HT was 11.3, with an RPD of 4.5%. The original result within HT is flagged "E".

**Method blanks with compounds detected:**

None

**Comments:**

Chloroform was detected in MW-992-099

1,1-Dichloroethane was detected in MW-992-065

Tetrachloroethylene was detected in MW-992-065

Perchlorate was detected in sample MW-992-067, -065

**TIC's:**

None

**Method Variance:**

None

**Other Comments:**

A QC check on the ASTM type II water supplied for the equipment rinse did not contain Methylene Chloride, but did contain detectable levels of Chloroform at 1.3 ug/L. No Methylene Chloride or Chloroform was detected in the method blank QC. Chloroform concentrations detected in the field samples, up to and including the level detected in the rinse water, may be an artifact of the rinse water.

ASTM type II water does not have specifications for volatiles. Foster Wheeler Environmental Corporation may want to consider the use of 'volatile free' water, if the trace chloroform poses problems. The Stationary Blank, SB, which was purged at the time of preparation, did not contain either compound. Volatile free water, would be substantially more expensive, due to the need to purge the water and the difficulty of preparing it in large quantities.

Sincerely,

Debbie Frank  
Project Manager

cc: Judy Novelly (JPL)

**Laboratory**  
555 East Walnut Street  
Pasadena, California 91101  
Tel: 626 568 6400  
Fax: 626 568 6324

**Southwest Service Center**  
4820 South Mill Avenue - Suite 202  
Tempe, Arizona 85282  
Tel: 602 755 8201  
Fax: 602 755 8203

**Northern California Service Center**  
1340 Treat Boulevard - Suite 300  
Walnut Creek, California 94596  
Tel: 925 274 2322  
Fax: 925 945 1760

**Southern California Service Center**  
30 Corporate Park - Suite 302  
Irvine, California 92606  
Tel: 949 222 1845  
Fax: 949 222 1849

**Montgomery Watson Laboratories**  
 , Los Angeles, CA 90051-3508  
 PHONE: 626-568-6400/FAX: 626-568-6324

ACKNOWLEDGMENT OF SAMPLES RECEIVED

Foster Wheeler Environmental, Inc  
 611 Anton Boulevard  
 Suite 800  
 Costa Mesa, CA 92626  
 Attn: Mark Cutler

Customer Code: ENSERCH  
 PO#: Sub PO#007618-0006  
 Group#: 54654  
 Project#: JPL  
 Proj Mgr: Debbie Frank  
 Phone: (714) 444-5526

The following samples were received from you on 05/27/99. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using Montgomery Watson Laboratories.

| Sample#   | Sample Id  | Tests Scheduled                                                                                               | Matrix | Sample Date |
|-----------|------------|---------------------------------------------------------------------------------------------------------------|--------|-------------|
| 990527204 | MW-992-100 | @EBASVOA                                                                                                      | Water  | 05/27/99    |
| 990527205 | MW-992-099 | @EBASVOA AS-EBAS CR-EBAS PB-EBAS CR-VI CLO4                                                                   | Water  | 05/27/99    |
| 990527206 | MW-992-069 | @EBASVOA CR-VI PB-EBAS CR-EBAS AS-EBAS TDS CATION1 ANION1 PH EC HCO3 CO3 ALK NO3 SO4 CL FE-MS K NA MG CA CLO4 | Water  | 05/27/99    |
| 990527207 | MW-992-068 | @EBASVOA CLO4 CA MG NA K FE-MS CL SO4 NO3 ALK CO3 HCO3 EC PH ANION1 CATION1 TDS AS-EBAS CR-EBAS PB-EBAS CR-VI | Water  | 05/27/99    |
| 990527208 | MW-992-067 | @EBASVOA CR-VI PB-EBAS CR-EBAS AS-EBAS TDS CATION1 ANION1 PH EC HCO3 CO3 ALK NO3 SO4 CL FE-MS K NA MG CA CLO4 | Water  | 05/27/99    |
| 990527209 | MW-992-066 | @EBASVOA CR-VI PB-EBAS CR-EBAS AS-EBAS TDS CATION1 ANION1 PH EC HCO3 CO3 ALK NO3 SO4 CL FE-MS K NA MG CA CLO4 | Water  | 05/27/99    |
| 990527210 | MW-992-065 | @EBASVOA CR-VI PB-EBAS CR-EBAS AS-EBAS TDS CATION1 ANION1 PH EC HCO3 CO3 ALK NO3 SO4 CL FE-MS K NA MG CA CLO4 | Water  | 05/27/99    |

Test Acronym Description

| Test Acronym | Description |
|--------------|-------------|
|--------------|-------------|

Foster Wheeler Environmental, Inc  
611 Anton Boulevard  
Suite 800  
Costa Mesa, CA 92626  
Attn: Mark Cutler

Customer Code: ENSERCH  
PO#: Sub PO#007618-0006  
Group#: 54654  
Project#: JPL  
Proj Mgr: Debbie Frank  
Phone: (714) 444-5526

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Test Acronym Description

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| Test Acronym | Description                     |
|--------------|---------------------------------|
| @EBASVOA     | Regulated VOCs plus Lists 1&3   |
| ALK          | Alkalinity                      |
| ANION1       | Anion Sum                       |
| AS-EBAS      | Arsenic, Total, GF              |
| CA           | Calcium, Total, ICAP            |
| CATION1      | Cation Sum                      |
| CL           | Chloride                        |
| CLO4         | Perchlorate                     |
| CO3          | Carbonate as CO3, Calculated    |
| CR-EBAS      | Chromium, Total, ICAP/MS        |
| CR-VI        | Hexavalent chromium (Cr VI)     |
| EC           | Specific Conductance            |
| FE-MS        | Iron, Total, ICAP/MS            |
| HCO3         | Bicarbonate as HCO3, calculated |
| K            | Potassium, Total, ICAP          |
| MG           | Magnesium, Total, ICAP          |
| NA           | Sodium, Total, ICAP             |
| NO3          | Nitrate-N by IC                 |
| PB-EBAS      | Lead, Total, ICAP/MS            |
| PH           | Lab pH                          |
| SO4          | Sulfate                         |
| TDS          | Total Dissolved Solid (TDS)     |



5454

TEMP-6-12  
REG ICE OK

NUMBER 144

## FOSTER WHEELER ENVIRONMENTAL CORPORATION

## CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

PAGE 1 OF

|                                                      |                |                      |                         |                                                                                                                                                                                                                                                              |                             |      |                                                                                                                    |                         |                                        |                  |       |      |               |               |        |
|------------------------------------------------------|----------------|----------------------|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|------|--------------------------------------------------------------------------------------------------------------------|-------------------------|----------------------------------------|------------------|-------|------|---------------|---------------|--------|
| PROJECT<br>112                                       |                | OFS NO.<br>1572.0276 |                         | HAZARD IDENTIFICATION<br>Non Hazard <input checked="" type="checkbox"/> Reactive <input type="checkbox"/><br>Flammable <input type="checkbox"/> Toxic <input type="checkbox"/><br>Skin Irritant <input type="checkbox"/> Infectious <input type="checkbox"/> |                             |      | TIME REQUIRED<br>NORMAL <input checked="" type="checkbox"/> _____ DAYS<br>RUSH <input type="checkbox"/> _____ DAYS |                         |                                        |                  |       |      |               |               |        |
| PROJECT ADDRESS<br>4300 OAK GROVE DR. PLEASANTON, CA |                |                      |                         | SAMPLER (Name)<br>Matthew L. Hunt                                                                                                                                                                                                                            |                             |      |                                                                                                                    |                         | SAMPLER (Signature)<br>Matthew L. Hunt |                  |       |      |               |               |        |
| LABORATORY<br>MONTGOMERY WATSON LABS                 |                |                      |                         | REPORTS TO BE SENT TO<br>M. J. MALLICK CULLEN                                                                                                                                                                                                                |                             |      |                                                                                                                    |                         | ANALYSES REQUIRED                      |                  |       |      |               |               |        |
| SAMPLE NUMBER                                        | TIME COLLECTED | DATE COLLECTED       | NUMBER OF CONTAINERS    | CONTAINER SIZE(S)                                                                                                                                                                                                                                            | SAMPLE MATERIAL             |      |                                                                                                                    | VOCs (5242)             | Total Aqueous Ph                       | M. S. C. Aqueous | Hex C | C104 | M. S. C. VOCs | M. S. C. VOCs | OC C-6 |
|                                                      |                |                      |                         |                                                                                                                                                                                                                                                              | WATER                       | SOIL | OTHER (Describe)                                                                                                   |                         |                                        |                  |       |      |               |               |        |
| MW 992-100                                           | 0830           | 5/27/04              | 2                       | 2 x 40ml                                                                                                                                                                                                                                                     | X                           |      |                                                                                                                    | X                       |                                        |                  |       |      |               |               |        |
| MW 992-099                                           | 0845           | 5/27/04              | 5                       | 2 x 40ml 1 x 25ml<br>2 x 125ml                                                                                                                                                                                                                               | X                           |      |                                                                                                                    | X                       | X                                      |                  | X     | X    |               |               |        |
| MW 992-098                                           | 0920           |                      | 6                       | 2 x 40ml 1 x 25ml<br>2 x 125ml 1 x 50ml                                                                                                                                                                                                                      | X                           |      |                                                                                                                    | X                       | X                                      | X                | X     | X    |               |               |        |
| MW 992-097                                           | 1030           |                      | 6                       | 2 x 40ml 1 x 25ml<br>2 x 125ml                                                                                                                                                                                                                               | X                           |      |                                                                                                                    | X                       | X                                      | X                | X     | X    |               |               |        |
| MW 992-096                                           | 1145           |                      | 6                       | 2 x 40ml 1 x 25ml<br>2 x 125ml                                                                                                                                                                                                                               | X                           |      |                                                                                                                    | X                       | X                                      | X                | X     | X    |               |               |        |
| MW 992-095                                           | 1145           |                      | 2                       | 2 x 40ml                                                                                                                                                                                                                                                     | X                           |      |                                                                                                                    | X                       | X                                      | X                | X     | X    |               |               |        |
| MW 992-094                                           | 1145           |                      | 2                       | 2 x 40ml                                                                                                                                                                                                                                                     | X                           |      |                                                                                                                    | X                       | X                                      | X                | X     | X    |               |               |        |
| MW 992-093                                           | 1250           |                      | 6                       | 2 x 40ml 1 x 25ml<br>2 x 125ml 1 x 50ml                                                                                                                                                                                                                      | X                           |      |                                                                                                                    | X                       | X                                      | X                | X     | X    |               |               |        |
| MW 992-092                                           | 1355           |                      | 6                       | 2 x 40ml                                                                                                                                                                                                                                                     | X                           |      |                                                                                                                    | X                       | X                                      | X                | X     | X    |               |               |        |
| LABORATORY INSTRUCTIONS/COMMENTS<br>Level IV QA/QC   |                |                      |                         |                                                                                                                                                                                                                                                              |                             |      |                                                                                                                    |                         |                                        |                  |       |      |               |               |        |
| RELINQUISHED BY (Signature)                          |                | DATE                 | RECEIVED BY (Signature) |                                                                                                                                                                                                                                                              | RELINQUISHED BY (Signature) |      | DATE                                                                                                               | RECEIVED BY (Signature) |                                        |                  |       |      |               |               |        |
| COMPANY                                              |                | TIME                 | COMPANY                 |                                                                                                                                                                                                                                                              | COMPANY                     |      | TIME                                                                                                               | COMPANY                 |                                        |                  |       |      |               |               |        |



MONTGOMERY WATSON COOLER RECEIPT FORM

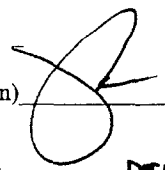
PROJECT: ENERCH

DATE RECEIVED: 5-27-99

Use back of form to note check-in problems and describe action(s) regarding the resolution(s) of problems.

A. PRELIMINARY EXAMINATION

Date Cooler opened: 5-27-99

By (print) M. DE MESA (sign) 

1. Did cooler come with shipping slip (air bill, etc.)? Yes ☒ No ☐  
If yes, attach and enter carrier and air bill number here: DEL BY CLIBITO
2. Were custody seals on outside of cooler? Yes ☒ No ☐  
If yes, how many and where: 2 OUTSIDE LID  
If yes, enter the following: seal date: 5-27-99 seal name: J. B.
3. Were custody seals unbroken and intact at delivery? Yes ☒ No ☐
4. Were custody papers sealed in bag and taped to lid? Yes ☒ No ☐
5. Were custody papers filled out properly (ink, etc.)? Yes ☒ No ☐
6. Did you sign custody papers in appropriate place? Yes ☒ No ☐
7. Was project identifiable from custody papers? Yes ☒ No ☐
8. Have designated person(s) initial and acknowledge receipt: MLO date: 5-27-99

B. LOGIN PHASE

Date samples were logged in: 5-27-99

By (print) M. DE MESA (sign) 

9. Describe packing: \_\_\_\_\_
10. If required, was enough ice used? Yes ☒ No ☐
11. Were all bottles sealed in separate plastic bags? Yes ☒ No ☐
12. Did all bottles arrive unbroken and in good condition? Yes ☒ No ☐
13. Were all bottle labels complete (ID, date, sign, preservative)? Yes ☒ No ☐
14. Did all bottle labels agree with custody papers? If no, list on back. Yes ☒ No ☐
15. Were correct containers used for the analytes? Yes ☒ No ☐
16. Were correct preservatives used when required? Yes ☒ No ☐
17. Was sufficient amount of sample sent for tests? Yes ☒ No ☐
18. Bubbles absent in VOA vials? If no, list by sample ID on back. Yes ☒ No ☐
19. Was Client Services informed of problems? Yes ☐ No ☒

Report Summary of positive results, PR54654

|          |                                             |            | Result | MDL    | UNITS |
|----------|---------------------------------------------|------------|--------|--------|-------|
| Analyzed | 990527204                                   | MW-992-100 |        |        |       |
| Analyzed | 990527205                                   | MW-992-099 |        |        |       |
| 05/28/99 | Chloroform (Trichloromethane)               |            | 0.9    | .500   | UGL   |
| Analyzed | 990527206                                   | MW-992-069 |        |        |       |
| 06/04/99 | Alkalinity                                  |            | 110    | 2.000  | MGL   |
| 06/09/99 | Anion Sum                                   |            | 3.41   | .001   | MEQL  |
| 06/09/99 | Bicarbonate as HCO <sub>3</sub> ,calculated |            | 130    | .001   | MGL   |
| 06/15/99 | Calcium, Total, ICAP                        |            | 5.2    | 1.000  | MGL   |
| 06/09/99 | Carbonate as CO <sub>3</sub> , Calculated   |            | 10.6   | .001   | MGL   |
| 06/16/99 | Cation Sum                                  |            | 3.73   | .001   | MEQL  |
| 05/28/99 | Chloride                                    |            | 8.2    | 1.000  | MGL   |
| 06/11/99 | Iron, Total, ICAP/MS                        |            | 100    | *****  | UGL   |
| 06/01/99 | Lab pH                                      |            | 9.1    | .001   | UNIT  |
| 06/15/99 | Magnesium, Total, ICAP                      |            | 1.1    | .100   | MGL   |
| 06/15/99 | Sodium, Total, ICAP                         |            | 77.7   | 1.000  | MGL   |
| 06/02/99 | Specific Conductance                        |            | 345    | 4.000  | UMHO  |
| 05/28/99 | Sulfate                                     |            | 47.1   | 2.000  | MGL   |
| 06/01/99 | Total Dissolved Solid (TDS)                 |            | 230    | 10.000 | MGL   |
| Analyzed | 990527207                                   | MW-992-068 |        |        |       |
| 06/04/99 | Alkalinity                                  |            | 138    | 2.000  | MGL   |
| 06/09/99 | Anion Sum                                   |            | 3.63   | .001   | MEQL  |
| 06/09/99 | Bicarbonate as HCO <sub>3</sub> ,calculated |            | 168    | .001   | MGL   |
| 06/15/99 | Calcium, Total, ICAP                        |            | 32.5   | 1.000  | MGL   |
| 06/09/99 | Carbonate as CO <sub>3</sub> , Calculated   |            | 0.867  | .001   | MGL   |
| 06/16/99 | Cation Sum                                  |            | 3.71   | .001   | MEQL  |
| 05/28/99 | Chloride                                    |            | 12.3   | 1.000  | MGL   |
| 06/11/99 | Iron, Total, ICAP/MS                        |            | 920    | *****  | UGL   |
| 06/01/99 | Lab pH                                      |            | 7.9    | .001   | UNIT  |
| 06/15/99 | Magnesium, Total, ICAP                      |            | 10.1   | .100   | MGL   |
| 05/28/99 | Nitrate-N by IC                             |            | 5.12   | .100   | MGL   |
| 06/15/99 | Potassium, Total, ICAP                      |            | 1.6    | 1.000  | MGL   |
| 06/15/99 | Sodium, Total, ICAP                         |            | 27.9   | 1.000  | MGL   |
| 06/02/99 | Specific Conductance                        |            | 330    | 4.000  | UMHO  |
| 05/28/99 | Sulfate                                     |            | 7.61   | 2.000  | MGL   |
| 06/03/99 | Total Dissolved Solid (TDS)                 |            | 200    | 10.000 | MGL   |
| Analyzed | 990527208                                   | MW-992-067 |        |        |       |
| 06/04/99 | Alkalinity                                  |            | 153    | 2.000  | MGL   |
| 06/09/99 | Anion Sum                                   |            | 5.12   | .001   | MEQL  |
| 06/09/99 | Bicarbonate as HCO <sub>3</sub> ,calculated |            | 186    | .001   | MGL   |
| 06/15/99 | Calcium, Total, ICAP                        |            | 45.6   | 1.000  | MGL   |
| 06/09/99 | Carbonate as CO <sub>3</sub> , Calculated   |            | 1.52   | .001   | MGL   |
| 06/16/99 | Cation Sum                                  |            | 5.12   | .001   | MEQL  |
| 05/28/99 | Chloride                                    |            | 32.3   | 1.000  | MGL   |
| 06/11/99 | Iron, Total, ICAP/MS                        |            | 250    | *****  | UGL   |
| 06/01/99 | Lab pH                                      |            | 8.1    | .001   | UNIT  |
| 06/15/99 | Magnesium, Total, ICAP                      |            | 15.3   | .100   | MGL   |
| 05/28/99 | Nitrate-N by IC                             |            | 8.9    | .100   | MGL   |

|          |                             |      |        |      |
|----------|-----------------------------|------|--------|------|
| 06/15/99 | Perchlorate                 | 4.5  | 4.000  | UGL  |
| 06/15/99 | Potassium, Total, ICAP      | 2.0  | 1.000  | MGL  |
| 06/15/99 | Sodium, Total, ICAP         | 35.2 | 1.000  | MGL  |
| 06/02/99 | Specific Conductance        | 470  | 4.000  | UMHO |
| 05/28/99 | Sulfate                     | 24.5 | 2.000  | MGL  |
| 06/03/99 | Total Dissolved Solid (TDS) | 300  | 10.000 | MGL  |

Analyzed 990527209 MW-992-066

|          |                                |      |        |      |
|----------|--------------------------------|------|--------|------|
| 06/04/99 | Alkalinity                     | 169  | 2.000  | MGL  |
| 06/09/99 | Anion Sum                      | 6.39 | .001   | MEQL |
| 06/09/99 | Bicarbonate as HCO3,calculated | 206  | .001   | MGL  |
| 06/15/99 | Calcium, Total, ICAP           | 60.1 | 1.000  | MGL  |
| 06/09/99 | Carbonate as CO3, Calculated   | 1.06 | .001   | MGL  |
| 06/16/99 | Cation Sum                     | 6.42 | .001   | MEQL |
| 05/28/99 | Chloride                       | 49.6 | 1.000  | MGL  |
| 06/11/99 | Iron, Total, ICAP/MS           | 140  | *****  | UGL  |
| 06/01/99 | Lab pH                         | 7.9  | .001   | UNIT |
| 06/15/99 | Magnesium, Total, ICAP         | 23.9 | .100   | MGL  |
| 05/28/99 | Nitrate-N by IC                | 8.76 | .100   | MGL  |
| 06/15/99 | Potassium, Total, ICAP         | 2.4  | 1.000  | MGL  |
| 06/15/99 | Sodium, Total, ICAP            | 31.9 | 1.000  | MGL  |
| 06/02/99 | Specific Conductance           | 590  | 4.000  | UMHO |
| 05/28/99 | Sulfate                        | 47.1 | 2.000  | MGL  |
| 06/03/99 | Total Dissolved Solid (TDS)    | 320  | 10.000 | MGL  |

Analyzed 990527210 MW-992-065

|          |                                |       |        |      |
|----------|--------------------------------|-------|--------|------|
| 05/28/99 | 1,1-Dichloroethane             | 1.0   | .500   | UGL  |
| 05/28/99 | Tetrachloroethylene (PCE)      | 2.7   | .500   | UGL  |
| 06/04/99 | Alkalinity                     | 225   | 2.000  | MGL  |
| 06/09/99 | Anion Sum                      | 12.1  | .001   | MEQL |
| 06/09/99 | Bicarbonate as HCO3,calculated | 274   | .001   | MGL  |
| 06/15/99 | Calcium, Total, ICAP           | 131   | 1.000  | MGL  |
| 06/09/99 | Carbonate as CO3, Calculated   | 0.224 | .001   | MGL  |
| 06/16/99 | Cation Sum                     | 12.0  | .001   | MEQL |
| 05/28/99 | Chloride                       | 117   | 1.000  | MGL  |
| 06/11/99 | Iron, Total, ICAP/MS           | 2300  | *****  | UGL  |
| 06/01/99 | Lab pH                         | 7.1   | .001   | UNIT |
| 06/15/99 | Magnesium, Total, ICAP         | 47.9  | .100   | MGL  |
| 05/28/99 | Nitrate-N by IC                | 10.8E | .100   | MGL  |
| 06/16/99 | Perchlorate                    | 4.9   | 4.000  | UGL  |
| 06/15/99 | Potassium, Total, ICAP         | 2.7   | 1.000  | MGL  |
| 06/15/99 | Sodium, Total, ICAP            | 33.8  | 1.000  | MGL  |
| 06/02/99 | Specific Conductance           | 1050  | 4.000  | UMHO |
| 05/28/99 | Sulfate                        | 167   | 2.000  | MGL  |
| 06/03/99 | Total Dissolved Solid (TDS)    | 630   | 10.000 | MGL  |

**QUALITY INVESTIGATION REPORT**Analysis Date: 05/23/99

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

Analyst: SALQIR No. WET-99-DB2Analysis: NO3Matrix: 1Instrument ID: IC 43**SAMPLES IMPACTED**

| Lab #     | Client ID  | Client Name | Lab # | Client ID | Client Name |
|-----------|------------|-------------|-------|-----------|-------------|
| 990527210 | HW-992-065 | Ensurch     |       |           |             |
|           |            |             |       |           |             |
|           |            |             |       |           |             |

**Brief Description:** (include reason for non-compliance)

nitrate result is higher than the highest calibration std. by 0.8 ppm.  
nitrate is linear up to 13 ppm

**Action Taken:**

Sample was reanalyzed on 06/17/99 with a 1/2 dilution and got 11.3 ppm  
with 4.5% RPD from the original result.

**Impact on Data Quality:**

None expected, however the method states that any conc. above the highest  
standard needs to be reanalyzed with dilution.

Sample is flagged with E as an estimate.

Data Disposition: Re-run ☐ Re-sample ☐ Original Data Reported ☒ Report Annotated ☐

Other: \_\_\_\_\_

**Annotation:**

Client Contact: Flag result "E" and report original within the Analysis.  
None - addressed in cover letter. - DBB 6/17/99

**Extraction:**Analyst: [Signature]Group Leader: [Signature]QA Coordinator: [Signature]Project Manager: [Signature]

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

Date: 6/17/99Date: 6/17/99Date: 6/17/99Date: 6/17/99

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**Laboratory Report**

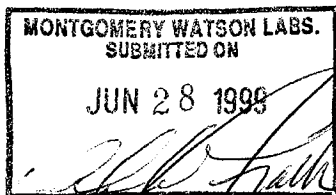
for

Foster Wheeler Environmental, Inc  
611 Anton Boulevard

Suite 800

Costa Mesa , CA 92626

Attention: Mark Cutler  
Fax: (714) 444-5560



DEB\* Debbie Frank

Report#: 54654  
JPL

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**Laboratory  
Report  
#54654**

Foster Wheeler Environmental, Inc  
Mark Cutler  
611 Anton Boulevard  
Suite 800  
Costa Mesa, CA 92626

Samples Received  
27-may-1999 15:28:23

| Prepared                      | Analyzed | QC Batch#        | Method                        | Analyte             | Result | Units | MRL | Dilution |
|-------------------------------|----------|------------------|-------------------------------|---------------------|--------|-------|-----|----------|
| MW-992-100 (990527204)        |          |                  |                               | Sampled on 05/27/99 |        |       |     |          |
| Regulated VOCs plus Lists 1&3 |          |                  |                               |                     |        |       |     |          |
| 05/28/99                      | 97034    | ( ML/EPA 524.2 ) | 1,1,1,2-Tetrachloroethane     | ND                  | ug/l   | 0.50  | 1   |          |
| 05/28/99                      | 97034    | ( ML/EPA 524.2 ) | 1,1,1-Trichloroethane         | ND                  | ug/l   | 0.50  | 1   |          |
| 05/28/99                      | 97034    | ( ML/EPA 524.2 ) | 1,1,2,2-Tetrachloroethane     | ND                  | ug/l   | 0.50  | 1   |          |
| 05/28/99                      | 97034    | ( ML/EPA 524.2 ) | 1,1,2-Trichloroethane         | ND                  | ug/l   | 0.50  | 1   |          |
| 05/28/99                      | 97034    | ( ML/EPA 524.2 ) | 1,1-Dichloroethane            | ND                  | ug/l   | 0.50  | 1   |          |
| 05/28/99                      | 97034    | ( ML/EPA 524.2 ) | 1,1-Dichloroethylene          | ND                  | ug/l   | 0.50  | 1   |          |
| 05/28/99                      | 97034    | ( ML/EPA 524.2 ) | 1,1-Dichloropropene           | ND                  | ug/l   | 0.50  | 1   |          |
| 05/28/99                      | 97034    | ( ML/EPA 524.2 ) | 1,2,3-Trichlorobenzene        | ND                  | ug/l   | 0.50  | 1   |          |
| 05/28/99                      | 97034    | ( ML/EPA 524.2 ) | 1,2,3-Trichloropropane        | ND                  | ug/l   | 0.50  | 1   |          |
| 05/28/99                      | 97034    | ( ML/EPA 524.2 ) | 1,2,4-Trichlorobenzene        | ND                  | ug/l   | 0.50  | 1   |          |
| 05/28/99                      | 97034    | ( ML/EPA 524.2 ) | 1,2,4-Trimethylbenzene        | ND                  | ug/l   | 0.50  | 1   |          |
| 05/28/99                      | 97034    | ( ML/EPA 524.2 ) | 1,2-Dichloroethane            | ND                  | ug/l   | 0.50  | 1   |          |
| 05/28/99                      | 97034    | ( ML/EPA 524.2 ) | 1,2-Dichloropropane           | ND                  | ug/l   | 0.50  | 1   |          |
| 05/28/99                      | 97034    | ( ML/EPA 524.2 ) | 1,3,5-Trimethylbenzene        | ND                  | ug/l   | 0.50  | 1   |          |
| 05/28/99                      | 97034    | ( ML/EPA 524.2 ) | 1,3-Dichloropropane           | ND                  | ug/l   | 0.50  | 1   |          |
| 05/28/99                      | 97034    | ( ML/EPA 524.2 ) | p-Dichlorobenzene (1,4-DCB)   | ND                  | ug/l   | 0.50  | 1   |          |
| 05/28/99                      | 97034    | ( ML/EPA 524.2 ) | 2,2-Dichloropropane           | ND                  | ug/l   | 0.50  | 1   |          |
| 05/28/99                      | 97034    | ( ML/EPA 524.2 ) | 2-Butanone (MEK)              | ND                  | ug/l   | 5.0   | 1   |          |
| 05/28/99                      | 97034    | ( ML/EPA 524.2 ) | o-Chlorotoluene               | ND                  | ug/l   | 0.50  | 1   |          |
| 05/28/99                      | 97034    | ( ML/EPA 524.2 ) | p-Chlorotoluene               | ND                  | ug/l   | 0.50  | 1   |          |
| 05/28/99                      | 97034    | ( ML/EPA 524.2 ) | 4-Methyl-2-Pentanone (MIBK)   | ND                  | ug/l   | 5.0   | 1   |          |
| 05/28/99                      | 97034    | ( ML/EPA 524.2 ) | Benzene                       | ND                  | ug/l   | 0.50  | 1   |          |
| 05/28/99                      | 97034    | ( ML/EPA 524.2 ) | Bromobenzene                  | ND                  | ug/l   | 0.50  | 1   |          |
| 05/28/99                      | 97034    | ( ML/EPA 524.2 ) | Bromomethane (Methyl Bromide) | ND                  | ug/l   | 0.50  | 1   |          |
| 05/28/99                      | 97034    | ( ML/EPA 524.2 ) | cis-1,2-Dichloroethylene      | ND                  | ug/l   | 0.50  | 1   |          |
| 05/28/99                      | 97034    | ( ML/EPA 524.2 ) | Chlorobenzene                 | ND                  | ug/l   | 0.50  | 1   |          |
| 05/28/99                      | 97034    | ( ML/EPA 524.2 ) | Carbon Tetrachloride          | ND                  | ug/l   | 0.50  | 1   |          |
| 05/28/99                      | 97034    | ( ML/EPA 524.2 ) | cis-1,3-Dichloropropene       | ND                  | ug/l   | 0.50  | 1   |          |
| 05/28/99                      | 97034    | ( ML/EPA 524.2 ) | Bromoform                     | ND                  | ug/l   | 0.50  | 1   |          |

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**Laboratory****Report****#54654**Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method            | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|-------------------|---------------------------------|--------|-------|------|----------|
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Chloroform (Trichloromethane)   | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Bromochloromethane              | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Chloroethane                    | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Chloromethane (Methyl Chloride) | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Chlorodibromomethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Dibromomethane                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Bromodichloromethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Dichloromethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Ethyl benzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/E524.2/624 ) | Dichlorodifluoromethane         | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Fluorotrichloromethane-Freon11  | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Hexachlorobutadiene             | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Isopropylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | m-Dichlorobenzene (1,3-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | m,p-Xylenes                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Naphthalene                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | n-Butylbenzene                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | n-Propylbenzene                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | o-Xylene                        | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | o-Dichlorobenzene (1,2-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Tetrachloroethylene (PCE)       | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | p-Isopropyltoluene              | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | sec-Butylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Styrene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | trans-1,2-Dichloroethylene      | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | tert-Butylbenzene               | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Trichloroethylene (TCE)         | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Trichlorotrifluoroethane (Freon | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | trans-1,3-Dichloropropene       | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Toluene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Vinyl chloride (VC)             | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )     | None detected                   | ND     |       |      | 1        |
|          |          |           | ( Surrogate )     | 1,2-Dichloroethane-d4           | 110    | % Rec |      |          |
|          |          |           | ( Surrogate )     | 4-Bromofluorobenzene            | 97     | % Rec |      |          |
|          |          |           | ( Surrogate )     | Toluene-d8                      | 102    | % Rec |      |          |

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**Laboratory****Report****#54654**Foster Wheeler Environmental, Inc  
(continued)

| Prepared                      | Analyzed | QC Batch# | Method              | Analyte                       | Result | Units | MRL   | Dilution |
|-------------------------------|----------|-----------|---------------------|-------------------------------|--------|-------|-------|----------|
| MW-992-099 (990527205)        |          |           | Sampled on 05/27/99 |                               |        |       |       |          |
| 06/10/99                      | 06/11/99 | 97497     | ( S3113B/E200.9 )   | Arsenic, Total, GF            | ND     | mg/l  | 0.005 | 1        |
|                               | 06/15/99 | 97643     | ( MOD/EPA 300 )     | Perchlorate                   | ND     | ug/l  | 4.0   | 1        |
| 06/10/99                      | 06/11/99 | 97461     | ( EPA/ML 200.8 )    | Chromium, Total, ICAP/MS      | ND     | ug/l  | 10    | 1        |
|                               | 05/27/99 | 96859     | ( ML/SW 7196 )      | Hexavalent chromium (Cr VI)   | ND     | mg/l  | 0.005 | 1        |
| 06/10/99                      | 06/11/99 | 97463     | ( EPA/ML 200.8 )    | Lead, Total, ICAP/MS          | ND     | ug/l  | 2.0   | 1        |
| Regulated VOCs plus Lists 1&3 |          |           |                     |                               |        |       |       |          |
|                               | 05/28/99 | 97034     | ( ML/EPA 524.2 )    | 1,1,1,2-Tetrachloroethane     | ND     | ug/l  | 0.50  | 1        |
|                               | 05/28/99 | 97034     | ( ML/EPA 524.2 )    | 1,1,1-Trichloroethane         | ND     | ug/l  | 0.50  | 1        |
|                               | 05/28/99 | 97034     | ( ML/EPA 524.2 )    | 1,1,2,2-Tetrachloroethane     | ND     | ug/l  | 0.50  | 1        |
|                               | 05/28/99 | 97034     | ( ML/EPA 524.2 )    | 1,1,2-Trichloroethane         | ND     | ug/l  | 0.50  | 1        |
|                               | 05/28/99 | 97034     | ( ML/EPA 524.2 )    | 1,1-Dichloroethane            | ND     | ug/l  | 0.50  | 1        |
|                               | 05/28/99 | 97034     | ( ML/EPA 524.2 )    | 1,1-Dichloroethylene          | ND     | ug/l  | 0.50  | 1        |
|                               | 05/28/99 | 97034     | ( ML/EPA 524.2 )    | 1,1-Dichloropropene           | ND     | ug/l  | 0.50  | 1        |
|                               | 05/28/99 | 97034     | ( ML/EPA 524.2 )    | 1,2,3-Trichlorobenzene        | ND     | ug/l  | 0.50  | 1        |
|                               | 05/28/99 | 97034     | ( ML/EPA 524.2 )    | 1,2,3-Trichloropropane        | ND     | ug/l  | 0.50  | 1        |
|                               | 05/28/99 | 97034     | ( ML/EPA 524.2 )    | 1,2,4-Trichlorobenzene        | ND     | ug/l  | 0.50  | 1        |
|                               | 05/28/99 | 97034     | ( ML/EPA 524.2 )    | 1,2,4-Trimethylbenzene        | ND     | ug/l  | 0.50  | 1        |
|                               | 05/28/99 | 97034     | ( ML/EPA 524.2 )    | 1,2-Dichloroethane            | ND     | ug/l  | 0.50  | 1        |
|                               | 05/28/99 | 97034     | ( ML/EPA 524.2 )    | 1,2-Dichloropropane           | ND     | ug/l  | 0.50  | 1        |
|                               | 05/28/99 | 97034     | ( ML/EPA 524.2 )    | 1,3,5-Trimethylbenzene        | ND     | ug/l  | 0.50  | 1        |
|                               | 05/28/99 | 97034     | ( ML/EPA 524.2 )    | 1,3-Dichloropropane           | ND     | ug/l  | 0.50  | 1        |
|                               | 05/28/99 | 97034     | ( ML/EPA 524.2 )    | p-Dichlorobenzene (1,4-DCB)   | ND     | ug/l  | 0.50  | 1        |
|                               | 05/28/99 | 97034     | ( ML/EPA 524.2 )    | 2,2-Dichloropropane           | ND     | ug/l  | 0.50  | 1        |
|                               | 05/28/99 | 97034     | ( ML/EPA 524.2 )    | 2-Butanone (MEK)              | ND     | ug/l  | 5.0   | 1        |
|                               | 05/28/99 | 97034     | ( ML/EPA 524.2 )    | o-Chlorotoluene               | ND     | ug/l  | 0.50  | 1        |
|                               | 05/28/99 | 97034     | ( ML/EPA 524.2 )    | p-Chlorotoluene               | ND     | ug/l  | 0.50  | 1        |
|                               | 05/28/99 | 97034     | ( ML/EPA 524.2 )    | 4-Methyl-2-Pentanone (MIBK)   | ND     | ug/l  | 5.0   | 1        |
|                               | 05/28/99 | 97034     | ( ML/EPA 524.2 )    | Benzene                       | ND     | ug/l  | 0.50  | 1        |
|                               | 05/28/99 | 97034     | ( ML/EPA 524.2 )    | Bromobenzene                  | ND     | ug/l  | 0.50  | 1        |
|                               | 05/28/99 | 97034     | ( ML/EPA 524.2 )    | Bromomethane (Methyl Bromide) | ND     | ug/l  | 0.50  | 1        |
|                               | 05/28/99 | 97034     | ( ML/EPA 524.2 )    | cis-1,2-Dichloroethylene      | ND     | ug/l  | 0.50  | 1        |
|                               | 05/28/99 | 97034     | ( ML/EPA 524.2 )    | Chlorobenzene                 | ND     | ug/l  | 0.50  | 1        |
|                               | 05/28/99 | 97034     | ( ML/EPA 524.2 )    | Carbon Tetrachloride          | ND     | ug/l  | 0.50  | 1        |





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**Laboratory  
Report  
#54654**

Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method            | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|-------------------|---------------------------------|--------|-------|------|----------|
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | cis-1,3-Dichloropropene         | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Bromoform                       | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Chloroform (Trichloromethane)   | 0.9    | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Bromochloromethane              | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Chloroethane                    | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Chloromethane (Methyl Chloride) | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Chlorodibromomethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Dibromomethane                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Bromodichloromethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Dichloromethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Ethyl benzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/E524.2/624 ) | Dichlorodifluoromethane         | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Fluorotrichloromethane-Freon11  | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Hexachlorobutadiene             | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Isopropylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | m-Dichlorobenzene (1,3-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | m,p-Xylenes                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Naphthalene                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | n-Butylbenzene                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | n-Propylbenzene                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | o-Xylene                        | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | o-Dichlorobenzene (1,2-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Tetrachloroethylene (PCE)       | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | p-Isopropyltoluene              | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | sec-Butylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Styrene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | trans-1,2-Dichloroethylene      | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | tert-Butylbenzene               | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Trichloroethylene (TCE)         | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Trichlorotrifluoroethane (Freon | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | trans-1,3-Dichloropropene       | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Toluene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Vinyl chloride (VC)             | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )     | None detected                   | ND     |       |      | 1        |
|          |          |           | ( Surrogate )     | 1,2-Dichloroethane-d4           | 105    | % Rec |      |          |
|          |          |           | ( Surrogate )     | 4-Bromofluorobenzene            | 114    | % Rec |      |          |

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**Laboratory****Report****#54654**Foster Wheeler Environmental, Inc  
(continued)

| Prepared                                               | Analyzed | QC Batch# | Method            | Analyte                        | Result | Units   | MRL    | Dilution |
|--------------------------------------------------------|----------|-----------|-------------------|--------------------------------|--------|---------|--------|----------|
|                                                        |          |           | ( Surrogate )     | Toluene-d8                     | 100    | % Rec   |        |          |
| <b>MW-992-069 (990527206)      Sampled on 05/27/99</b> |          |           |                   |                                |        |         |        |          |
|                                                        | 06/04/99 | 97355     | ( ML/SM2320B )    | Alkalinity                     | 110    | mg/l    | 2.0    | 1        |
|                                                        | 06/09/99 |           | ( ML/SM1040 )     | Anion Sum                      | 3.41   | meq/l   | 0.0010 | 1        |
| 06/10/99                                               | 06/11/99 | 97497     | ( S3113B/E200.9 ) | Arsenic, Total, GF             | ND     | mg/l    | 0.005  | 1        |
| 06/15/99                                               | 06/15/99 | 97612     | ( ML/EPA 200.7 )  | Calcium, Total, ICAP           | 5.2    | mg/l    | 1.0    | 1        |
|                                                        | 06/16/99 |           | ( ML/SM1040 )     | Cation Sum                     | 3.73   | meq/l   | 0.0010 | 1        |
|                                                        | 05/28/99 | 97182     | ( ML/EPA 300 )    | Chloride                       | 8.2    | mg/l    | 1.0    | 1        |
|                                                        | 06/15/99 | 97643     | ( MOD/EPA 300 )   | Perchlorate                    | ND     | ug/l    | 4.0    | 1        |
|                                                        | 06/09/99 |           | ( ML/SM2320B )    | Carbonate as CO3, Calculated   | 10.6   | mg/l    | 0.0010 | 1        |
| 06/10/99                                               | 06/11/99 | 97461     | ( EPA/ML 200.8 )  | Chromium, Total, ICAP/MS       | ND     | ug/l    | 10     | 1        |
|                                                        | 05/27/99 | 96859     | ( ML/SW 7196 )    | Hexavalent chromium (Cr VI)    | ND     | mg/l    | 0.005  | 1        |
|                                                        | 06/02/99 | 96992     | ( ML/S2510B )     | Specific Conductance           | 345    | umho/cm | 4.0    | 1        |
| 06/10/99                                               | 06/11/99 | 97462     | ( EPA/ML 200.8 )  | Iron, Total, ICAP/MS           | 100    | ug/l    | 100    | 1        |
|                                                        | 06/09/99 |           | ( ML/SM2320B )    | Bicarbonate as HCO3,calculated | 130    | mg/l    | 0.0010 | 1        |
| 06/15/99                                               | 06/15/99 | 97614     | ( ML/EPA 200.7 )  | Potassium, Total, ICAP         | ND     | mg/l    | 1.0    | 1        |
| 06/15/99                                               | 06/15/99 | 97619     | ( ML/EPA 200.7 )  | Magnesium, Total, ICAP         | 1.1    | mg/l    | 0.10   | 1        |
| 06/15/99                                               | 06/15/99 | 97621     | ( ML/EPA 200.7 )  | Sodium, Total, ICAP            | 77.7   | mg/l    | 1.0    | 1        |
|                                                        | 05/28/99 | 97185     | ( ML/EPA 300.0 )  | Nitrate-N by IC                | ND     | mg/l    | 0.10   | 1        |
| 06/10/99                                               | 06/11/99 | 97463     | ( EPA/ML 200.8 )  | Lead, Total, ICAP/MS           | ND     | ug/l    | 2.0    | 1        |
|                                                        | 06/01/99 | 96983     | ( ML/SM 4500HB )  | Lab pH                         | 9.1    | Units   | 0.0010 | 1        |
|                                                        | 05/28/99 | 97186     | ( ML/EPA 300.0 )  | Sulfate                        | 47.1   | mg/l    | 2.0    | 1        |
|                                                        | 06/01/99 | 97104     | ( ML/SM2540C )    | Total Dissolved Solid (TDS)    | 230    | mg/l    | 10     | 1        |
| <b>Regulated VOCs plus Lists 1&amp;3</b>               |          |           |                   |                                |        |         |        |          |
|                                                        | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,1,1,2-Tetrachloroethane      | ND     | ug/l    | 0.50   | 1        |
|                                                        | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,1,1-Trichloroethane          | ND     | ug/l    | 0.50   | 1        |
|                                                        | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,1,2,2-Tetrachloroethane      | ND     | ug/l    | 0.50   | 1        |
|                                                        | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,1,2-Trichloroethane          | ND     | ug/l    | 0.50   | 1        |
|                                                        | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,1-Dichloroethane             | ND     | ug/l    | 0.50   | 1        |
|                                                        | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,1-Dichloroethylene           | ND     | ug/l    | 0.50   | 1        |
|                                                        | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,1-Dichloropropene            | ND     | ug/l    | 0.50   | 1        |
|                                                        | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,2,3-Trichlorobenzene         | ND     | ug/l    | 0.50   | 1        |
|                                                        | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,2,3-Trichloropropane         | ND     | ug/l    | 0.50   | 1        |
|                                                        | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,2,4-Trichlorobenzene         | ND     | ug/l    | 0.50   | 1        |

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**Laboratory  
Report  
#54654**Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method            | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|-------------------|---------------------------------|--------|-------|------|----------|
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,2,4-Trimethylbenzene          | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,2-Dichloroethane              | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,2-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,3,5-Trimethylbenzene          | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,3-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | p-Dichlorobenzene (1,4-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 2,2-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 2-Butanone (MEK)                | ND     | ug/l  | 5.0  | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | o-Chlorotoluene                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | p-Chlorotoluene                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 4-Methyl-2-Pentanone (MIBK)     | ND     | ug/l  | 5.0  | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Benzene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Bromobenzene                    | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Bromomethane (Methyl Bromide)   | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | cis-1,2-Dichloroethylene        | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Chlorobenzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Carbon Tetrachloride            | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | cis-1,3-Dichloropropene         | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Bromoform                       | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Chloroform (Trichloromethane)   | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Bromochloromethane              | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Chloroethane                    | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Chloromethane (Methyl Chloride) | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Chlorodibromomethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Dibromomethane                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Bromodichloromethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Dichloromethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Ethyl benzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/E524.2/624 ) | Dichlorodifluoromethane         | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Fluorotrichloromethane-Freon11  | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Hexachlorobutadiene             | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Isopropylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | m-Dichlorobenzene (1,3-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | m,p-Xylenes                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Naphthalene                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | n-Butylbenzene                  | ND     | ug/l  | 0.50 | 1        |

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**Laboratory  
 Report  
 #54654**

Foster Wheeler Environmental, Inc  
 (continued)

| Prepared | Analyzed | QC Batch# | Method           | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|------------------|---------------------------------|--------|-------|------|----------|
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | n-Propylbenzene                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | o-Xylene                        | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | o-Dichlorobenzene (1,2-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Tetrachloroethylene (PCE)       | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | p-Isopropyltoluene              | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | sec-Butylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Styrene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | trans-1,2-Dichloroethylene      | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | tert-Butylbenzene               | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Trichloroethylene (TCE)         | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Trichlorotrifluoroethane (Freon | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | trans-1,3-Dichloropropene       | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Toluene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Vinyl chloride (VC)             | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )    | None detected                   | ND     |       |      | 1        |
|          |          |           | ( Surrogate )    | 1,2-Dichloroethane-d4           | 105    | % Rec |      |          |
|          |          |           | ( Surrogate )    | 4-Bromofluorobenzene            | 109    | % Rec |      |          |
|          |          |           | ( Surrogate )    | Toluene-d8                      | 97     | % Rec |      |          |

**MW-992-068 (990527207) Sampled on 05/27/99**

|          |          |       |                   |                                |       |         |        |   |
|----------|----------|-------|-------------------|--------------------------------|-------|---------|--------|---|
|          | 06/04/99 | 97355 | ( ML/SM2320B )    | Alkalinity                     | 138   | mg/l    | 2.0    | 1 |
|          | 06/09/99 |       | ( ML/SM1040 )     | Anion Sum                      | 3.63  | meq/l   | 0.0010 | 1 |
| 06/10/99 | 06/11/99 | 97497 | ( S3113B/E200.9 ) | Arsenic, Total, GF             | ND    | mg/l    | 0.005  | 1 |
| 06/15/99 | 06/15/99 | 97612 | ( ML/EPA 200.7 )  | Calcium, Total, ICAP           | 32.5  | mg/l    | 1.0    | 1 |
|          | 06/16/99 |       | ( ML/SM1040 )     | Cation Sum                     | 3.71  | meq/l   | 0.0010 | 1 |
|          | 05/28/99 | 97182 | ( ML/EPA 300 )    | Chloride                       | 12.3  | mg/l    | 1.0    | 1 |
|          | 06/15/99 | 97643 | ( MOD/EPA 300 )   | Perchlorate                    | ND    | ug/l    | 4.0    | 1 |
|          | 06/09/99 |       | ( ML/SM2320B )    | Carbonate as CO3, Calculated   | 0.867 | mg/l    | 0.0010 | 1 |
| 06/10/99 | 06/11/99 | 97461 | ( EPA/ML 200.8 )  | Chromium, Total, ICAP/MS       | ND    | ug/l    | 10     | 1 |
|          | 05/27/99 | 96859 | ( ML/SW 7196 )    | Hexavalent chromium (Cr VI)    | ND    | mg/l    | 0.005  | 1 |
|          | 06/02/99 | 96992 | ( ML/S2510B )     | Specific Conductance           | 330   | umho/cm | 4.0    | 1 |
| 06/10/99 | 06/11/99 | 97462 | ( EPA/ML 200.8 )  | Iron, Total, ICAP/MS           | 920   | ug/l    | 100    | 1 |
|          | 06/09/99 |       | ( ML/SM2320B )    | Bicarbonate as HCO3,calculated | 168   | mg/l    | 0.0010 | 1 |
| 06/15/99 | 06/15/99 | 97614 | ( ML/EPA 200.7 )  | Potassium, Total, ICAP         | 1.6   | mg/l    | 1.0    | 1 |
| 06/15/99 | 06/15/99 | 97619 | ( ML/EPA 200.7 )  | Magnesium, Total, ICAP         | 10.1  | mg/l    | 0.10   | 1 |
| 06/15/99 | 06/15/99 | 97621 | ( ML/EPA 200.7 )  | Sodium, Total, ICAP            | 27.9  | mg/l    | 1.0    | 1 |

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**Laboratory****Report****#54654**Foster Wheeler Environmental, Inc  
(continued)

| Prepared                                 | Analyzed | QC Batch# | Method           | Analyte                       | Result | Units | MRL    | Dilution |
|------------------------------------------|----------|-----------|------------------|-------------------------------|--------|-------|--------|----------|
| 06/10/99                                 | 05/28/99 | 97185     | ( ML/EPA 300.0 ) | Nitrate-N by IC               | 5.12   | mg/l  | 0.10   | 1        |
|                                          | 06/11/99 | 97463     | ( EPA/ML 200.8 ) | Lead, Total, ICAP/MS          | ND     | ug/l  | 2.0    | 1        |
|                                          | 06/01/99 | 96983     | ( ML/SM 4500HB)  | Lab pH                        | 7.9    | Units | 0.0010 | 1        |
|                                          | 05/28/99 | 97186     | ( ML/EPA 300.0 ) | Sulfate                       | 7.61   | mg/l  | 2.0    | 1        |
|                                          | 06/03/99 | 97097     | ( ML/SM2540C )   | Total Dissolved Solid (TDS)   | 200    | mg/l  | 10     | 1        |
| <b>Regulated VOCs plus Lists 1&amp;3</b> |          |           |                  |                               |        |       |        |          |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 1,1,1,2-Tetrachloroethane     | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 1,1,1-Trichloroethane         | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 1,1,2,2-Tetrachloroethane     | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 1,1,2-Trichloroethane         | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 1,1-Dichloroethane            | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 1,1-Dichloroethylene          | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 1,1-Dichloropropene           | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 1,2,3-Trichlorobenzene        | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 1,2,3-Trichloropropane        | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 1,2,4-Trichlorobenzene        | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 1,2,4-Trimethylbenzene        | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 1,2-Dichloroethane            | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 1,2-Dichloropropane           | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 1,3,5-Trimethylbenzene        | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 1,3-Dichloropropane           | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | p-Dichlorobenzene (1,4-DCB)   | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 2,2-Dichloropropane           | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 2-Butanone (MEK)              | ND     | ug/l  | 5.0    | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | o-Chlorotoluene               | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | p-Chlorotoluene               | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 4-Methyl-2-Pentanone (MIBK)   | ND     | ug/l  | 5.0    | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Benzene                       | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Bromobenzene                  | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Bromomethane (Methyl Bromide) | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | cis-1,2-Dichloroethylene      | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Chlorobenzene                 | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Carbon Tetrachloride          | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | cis-1,3-Dichloropropene       | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Bromoform                     | ND     | ug/l  | 0.50   | 1        |

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**Laboratory****Report****#54654**Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method            | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|-------------------|---------------------------------|--------|-------|------|----------|
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Chloroform (Trichloromethane)   | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Bromochloromethane              | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Chloroethane                    | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Chloromethane (Methyl Chloride) | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Chlorodibromomethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Dibromomethane                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Bromodichloromethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Dichloromethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Ethyl benzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/E524.2/624 ) | Dichlorodifluoromethane         | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Fluorotrichloromethane-Freon11  | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Hexachlorobutadiene             | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Isopropylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | m-Dichlorobenzene (1,3-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | m,p-Xylenes                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Naphthalene                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | n-Butylbenzene                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | n-Propylbenzene                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | o-Xylene                        | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | o-Dichlorobenzene (1,2-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Tetrachloroethylene (PCE)       | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | p-Isopropyltoluene              | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | sec-Butylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Styrene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | trans-1,2-Dichloroethylene      | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | tert-Butylbenzene               | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Trichloroethylene (TCE)         | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Trichlorotrifluoroethane (Freon | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | trans-1,3-Dichloropropene       | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Toluene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Vinyl chloride (VC)             | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )     | None detected                   | ND     |       |      | 1        |
|          |          |           | ( Surrogate )     | 1,2-Dichloroethane-d4           | 107    | % Rec |      |          |
|          |          |           | ( Surrogate )     | 4-Bromofluorobenzene            | 102    | % Rec |      |          |
|          |          |           | ( Surrogate )     | Toluene-d8                      | 100    | % Rec |      |          |

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1 800 566 LABS (1 800 566 5227)

**Laboratory****Report****#54654**Foster Wheeler Environmental, Inc  
(continued)

| Prepared                                               | Analyzed | QC Batch# | Method            | Analyte                                      | Result | Units   | MRL    | Dilution |
|--------------------------------------------------------|----------|-----------|-------------------|----------------------------------------------|--------|---------|--------|----------|
| <b>MW-992-067 (990527208)      Sampled on 05/27/99</b> |          |           |                   |                                              |        |         |        |          |
|                                                        | 06/04/99 | 97355     | ( ML/SM2320B )    | Alkalinity                                   | 153    | mg/l    | 2.0    | 1        |
|                                                        | 06/09/99 |           | ( ML/SM1040 )     | Anion Sum                                    | 5.12   | meq/l   | 0.0010 | 1        |
| 06/10/99                                               | 06/11/99 | 97497     | ( S3113B/E200.9 ) | Arsenic, Total, GF                           | ND     | mg/l    | 0.005  | 1        |
| 06/15/99                                               | 06/15/99 | 97612     | ( ML/EPA 200.7 )  | Calcium, Total, ICAP                         | 45.6   | mg/l    | 1.0    | 1        |
|                                                        | 06/16/99 |           | ( ML/SM1040 )     | Cation Sum                                   | 5.12   | meq/l   | 0.0010 | 1        |
|                                                        | 05/28/99 | 97182     | ( ML/EPA 300 )    | Chloride                                     | 32.3   | mg/l    | 1.0    | 1        |
|                                                        | 06/15/99 | 97643     | ( MOD/EPA 300 )   | Perchlorate                                  | 4.5    | ug/l    | 4.0    | 1        |
|                                                        | 06/09/99 |           | ( ML/SM2320B )    | Carbonate as CO <sub>3</sub> , Calculated    | 1.52   | mg/l    | 0.0010 | 1        |
| 06/10/99                                               | 06/11/99 | 97461     | ( EPA/ML 200.8 )  | Chromium, Total, ICAP/MS                     | ND     | ug/l    | 10     | 1        |
|                                                        | 05/27/99 | 96859     | ( ML/SW 7196 )    | Hexavalent chromium (Cr VI)                  | ND     | mg/l    | 0.005  | 1        |
|                                                        | 06/02/99 | 96992     | ( ML/S2510B )     | Specific Conductance                         | 470    | umho/cm | 4.0    | 1        |
| 06/10/99                                               | 06/11/99 | 97462     | ( EPA/ML 200.8 )  | Iron, Total, ICAP/MS                         | 250    | ug/l    | 100    | 1        |
|                                                        | 06/09/99 |           | ( ML/SM2320B )    | Bicarbonate as HCO <sub>3</sub> , calculated | 186    | mg/l    | 0.0010 | 1        |
| 06/15/99                                               | 06/15/99 | 97614     | ( ML/EPA 200.7 )  | Potassium, Total, ICAP                       | 2.0    | mg/l    | 1.0    | 1        |
| 06/15/99                                               | 06/15/99 | 97619     | ( ML/EPA 200.7 )  | Magnesium, Total, ICAP                       | 15.3   | mg/l    | 0.10   | 1        |
| 06/15/99                                               | 06/15/99 | 97621     | ( ML/EPA 200.7 )  | Sodium, Total, ICAP                          | 35.2   | mg/l    | 1.0    | 1        |
|                                                        | 05/28/99 | 97185     | ( ML/EPA 300.0 )  | Nitrate-N by IC                              | 8.9    | mg/l    | 0.10   | 1        |
| 06/10/99                                               | 06/11/99 | 97463     | ( EPA/ML 200.8 )  | Lead, Total, ICAP/MS                         | ND     | ug/l    | 2.0    | 1        |
|                                                        | 06/01/99 | 96983     | ( ML/SM 4500HB )  | Lab pH                                       | 8.1    | Units   | 0.0010 | 1        |
|                                                        | 05/28/99 | 97186     | ( ML/EPA 300.0 )  | Sulfate                                      | 24.5   | mg/l    | 2.0    | 1        |
|                                                        | 06/03/99 | 97168     | ( ML/SM2540C )    | Total Dissolved Solid (TDS)                  | 300    | mg/l    | 10     | 1        |

**Regulated VOCs plus Lists 1&3**

|          |       |                  |                           |    |      |      |   |
|----------|-------|------------------|---------------------------|----|------|------|---|
| 05/28/99 | 97034 | ( ML/EPA 524.2 ) | 1,1,1,2-Tetrachloroethane | ND | ug/l | 0.50 | 1 |
| 05/28/99 | 97034 | ( ML/EPA 524.2 ) | 1,1,1-Trichloroethane     | ND | ug/l | 0.50 | 1 |
| 05/28/99 | 97034 | ( ML/EPA 524.2 ) | 1,1,2,2-Tetrachloroethane | ND | ug/l | 0.50 | 1 |
| 05/28/99 | 97034 | ( ML/EPA 524.2 ) | 1,1,2-Trichloroethane     | ND | ug/l | 0.50 | 1 |
| 05/28/99 | 97034 | ( ML/EPA 524.2 ) | 1,1-Dichloroethane        | ND | ug/l | 0.50 | 1 |
| 05/28/99 | 97034 | ( ML/EPA 524.2 ) | 1,1-Dichloroethylene      | ND | ug/l | 0.50 | 1 |
| 05/28/99 | 97034 | ( ML/EPA 524.2 ) | 1,1-Dichloropropene       | ND | ug/l | 0.50 | 1 |
| 05/28/99 | 97034 | ( ML/EPA 524.2 ) | 1,2,3-Trichlorobenzene    | ND | ug/l | 0.50 | 1 |
| 05/28/99 | 97034 | ( ML/EPA 524.2 ) | 1,2,3-Trichloropropane    | ND | ug/l | 0.50 | 1 |
| 05/28/99 | 97034 | ( ML/EPA 524.2 ) | 1,2,4-Trichlorobenzene    | ND | ug/l | 0.50 | 1 |
| 05/28/99 | 97034 | ( ML/EPA 524.2 ) | 1,2,4-Trimethylbenzene    | ND | ug/l | 0.50 | 1 |

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**Laboratory****Report****#54654**Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method            | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|-------------------|---------------------------------|--------|-------|------|----------|
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,2-Dichloroethane              | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,2-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,3,5-Trimethylbenzene          | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,3-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | p-Dichlorobenzene (1,4-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 2,2-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 2-Butanone (MEK)                | ND     | ug/l  | 5.0  | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | o-Chlorotoluene                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | p-Chlorotoluene                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 4-Methyl-2-Pentanone (MIBK)     | ND     | ug/l  | 5.0  | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Benzene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Bromobenzene                    | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Bromomethane (Methyl Bromide)   | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | cis-1,2-Dichloroethylene        | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Chlorobenzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Carbon Tetrachloride            | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | cis-1,3-Dichloropropene         | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Bromoform                       | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Chloroform (Trichloromethane)   | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Bromochloromethane              | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Chloroethane                    | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Chloromethane (Methyl Chloride) | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Chlorodibromomethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Dibromomethane                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Bromodichloromethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Dichloromethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Ethyl benzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/ES24.2/624 ) | Dichlorodifluoromethane         | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Fluorotrichloromethane-Freon11  | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Hexachlorobutadiene             | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Isopropylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | m-Dichlorobenzene (1,3-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | m,p-Xylenes                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Naphthalene                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | n-Butylbenzene                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | n-Propylbenzene                 | ND     | ug/l  | 0.50 | 1        |



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**Laboratory****Report****#54654**Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method           | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|------------------|---------------------------------|--------|-------|------|----------|
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | o-Xylene                        | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | o-Dichlorobenzene (1,2-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Tetrachloroethylene (PCE)       | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | p-Isopropyltoluene              | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | sec-Butylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Styrene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | trans-1,2-Dichloroethylene      | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | tert-Butylbenzene               | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Trichloroethylene (TCE)         | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Trichlorotrifluoroethane (Freon | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | trans-1,3-Dichloropropene       | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Toluene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Vinyl chloride (VC)             | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )    | None detected                   | ND     |       |      | 1        |
|          |          |           | ( Surrogate )    | 1,2-Dichloroethane-d4           | 109    | % Rec |      |          |
|          |          |           | ( Surrogate )    | 4-Bromofluorobenzene            | 98     | % Rec |      |          |
|          |          |           | ( Surrogate )    | Toluene-d8                      | 99     | % Rec |      |          |

**MW-992-066 (990527209)****Sampled on 05/27/99**

|          |          |       |                   |                                |      |         |        |   |
|----------|----------|-------|-------------------|--------------------------------|------|---------|--------|---|
|          | 06/04/99 | 97355 | ( ML/SM2320B )    | Alkalinity                     | 169  | mg/l    | 2.0    | 1 |
|          | 06/09/99 |       | ( ML/SM1040 )     | Anion Sum                      | 6.39 | meq/l   | 0.0010 | 1 |
| 06/10/99 | 06/11/99 | 97497 | ( S3113B/E200.9 ) | Arsenic, Total, GF             | ND   | mg/l    | 0.005  | 1 |
| 06/15/99 | 06/15/99 | 97612 | ( ML/EPA 200.7 )  | Calcium, Total, ICAP           | 60.1 | mg/l    | 1.0    | 1 |
|          | 06/16/99 |       | ( ML/SM1040 )     | Cation Sum                     | 6.42 | meq/l   | 0.0010 | 1 |
|          | 05/28/99 | 97182 | ( ML/EPA 300 )    | Chloride                       | 49.6 | mg/l    | 1.0    | 1 |
|          | 06/16/99 | 97643 | ( MOD/EPA 300 )   | Perchlorate                    | ND   | ug/l    | 4.0    | 1 |
|          | 06/09/99 |       | ( ML/SM2320B )    | Carbonate as CO3, Calculated   | 1.06 | mg/l    | 0.0010 | 1 |
| 06/10/99 | 06/11/99 | 97461 | ( EPA/ML 200.8 )  | Chromium, Total, ICAP/MS       | ND   | ug/l    | 10     | 1 |
|          | 05/27/99 | 96859 | ( ML/SW 7196 )    | Hexavalent chromium (Cr VI)    | ND   | mg/l    | 0.005  | 1 |
|          | 06/02/99 | 96992 | ( ML/S2510B )     | Specific Conductance           | 590  | umho/cm | 4.0    | 1 |
| 06/10/99 | 06/11/99 | 97462 | ( EPA/ML 200.8 )  | Iron, Total, ICAP/MS           | 140  | ug/l    | 100    | 1 |
|          | 06/09/99 |       | ( ML/SM2320B )    | Bicarbonate as HCO3,calculated | 206  | mg/l    | 0.0010 | 1 |
| 06/15/99 | 06/15/99 | 97614 | ( ML/EPA 200.7 )  | Potassium, Total, ICAP         | 2.4  | mg/l    | 1.0    | 1 |
| 06/15/99 | 06/15/99 | 97619 | ( ML/EPA 200.7 )  | Magnesium, Total, ICAP         | 23.9 | mg/l    | 0.10   | 1 |
| 06/15/99 | 06/15/99 | 97621 | ( ML/EPA 200.7 )  | Sodium, Total, ICAP            | 31.9 | mg/l    | 1.0    | 1 |
|          | 05/28/99 | 97185 | ( ML/EPA 300.0 )  | Nitrate-N by IC                | 8.76 | mg/l    | 0.10   | 1 |

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**Laboratory****Report****#54654**Foster Wheeler Environmental, Inc  
(continued)

| Prepared                                 | Analyzed | QC Batch# | Method           | Analyte                       | Result | Units | MRL    | Dilution |
|------------------------------------------|----------|-----------|------------------|-------------------------------|--------|-------|--------|----------|
| 06/10/99                                 | 06/11/99 | 97463     | ( EPA/ML 200.8 ) | Lead, Total, ICAP/MS          | ND     | ug/l  | 2.0    | 1        |
|                                          | 06/01/99 | 96983     | ( ML/SM 4500HB)  | Lab pH                        | 7.9    | Units | 0.0010 | 1        |
|                                          | 05/28/99 | 97186     | ( ML/EPA 300.0 ) | Sulfate                       | 47.1   | mg/l  | 2.0    | 1        |
|                                          | 06/03/99 | 97168     | ( ML/SM2540C )   | Total Dissolved Solid (TDS)   | 320    | mg/l  | 10     | 1        |
| <b>Regulated VOCs plus Lists 1&amp;3</b> |          |           |                  |                               |        |       |        |          |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 1,1,1,2-Tetrachloroethane     | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 1,1,1-Trichloroethane         | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 1,1,2,2-Tetrachloroethane     | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 1,1,2-Trichloroethane         | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 1,1-Dichloroethane            | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 1,1-Dichloroethylene          | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 1,1-Dichloropropene           | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 1,2,3-Trichlorobenzene        | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 1,2,3-Trichloropropane        | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 1,2,4-Trichlorobenzene        | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 1,2,4-Trimethylbenzene        | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 1,2-Dichloroethane            | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 1,2-Dichloropropane           | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 1,3,5-Trimethylbenzene        | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 1,3-Dichloropropane           | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | p-Dichlorobenzene (1,4-DCB)   | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 2,2-Dichloropropane           | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 2-Butanone (MEK)              | ND     | ug/l  | 5.0    | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | o-Chlorotoluene               | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | p-Chlorotoluene               | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | 4-Methyl-2-Pentanone (MIBK)   | ND     | ug/l  | 5.0    | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Benzene                       | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Bromobenzene                  | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Bromomethane (Methyl Bromide) | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | cis-1,2-Dichloroethylene      | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Chlorobenzene                 | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Carbon Tetrachloride          | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | cis-1,3-Dichloropropene       | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Bromoform                     | ND     | ug/l  | 0.50   | 1        |
|                                          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Chloroform (Trichloromethane) | ND     | ug/l  | 0.50   | 1        |

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**Laboratory****Report****#54654****Foster Wheeler Environmental, Inc  
(continued)**

| Prepared | Analyzed | QC Batch# | Method            | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|-------------------|---------------------------------|--------|-------|------|----------|
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Bromochloromethane              | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Chloroethane                    | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Chloromethane (Methyl Chloride) | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Chlorodibromomethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Dibromomethane                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Bromodichloromethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Dichloromethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Ethyl benzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/E524.2/624 ) | Dichlorodifluoromethane         | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Fluorotrichloromethane-Freon11  | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Hexachlorobutadiene             | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Isopropylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | m-Dichlorobenzene (1,3-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | m,p-Xylenes                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Naphthalene                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | n-Butylbenzene                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | n-Propylbenzene                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | o-Xylene                        | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | o-Dichlorobenzene (1,2-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Tetrachloroethylene (PCE)       | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | p-Isopropyltoluene              | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | sec-Butylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Styrene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | trans-1,2-Dichloroethylene      | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | tert-Butylbenzene               | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Trichloroethylene (TCE)         | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Trichlorotrifluoroethane (Freon | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | trans-1,3-Dichloropropene       | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Toluene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Vinyl chloride (VC)             | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )     | None detected                   | ND     |       |      | 1        |
|          |          |           | ( Surrogate )     | 1,2-Dichloroethane-d4           | 106    | % Rec |      |          |
|          |          |           | ( Surrogate )     | 4-Bromofluorobenzene            | 107    | % Rec |      |          |
|          |          |           | ( Surrogate )     | Toluene-d8                      | 103    | % Rec |      |          |

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**Laboratory****Report****#54654**Foster Wheeler Environmental, Inc  
(continued)

| Prepared                      | Analyzed | QC Batch# | Method            | Analyte                                      | Result                     | Units   | MRL    | Dilution |
|-------------------------------|----------|-----------|-------------------|----------------------------------------------|----------------------------|---------|--------|----------|
| <b>MW-992-065 (990527210)</b> |          |           |                   |                                              | <b>Sampled on 05/27/99</b> |         |        |          |
|                               | 06/04/99 | 97355     | ( ML/SM2320B )    | Alkalinity                                   | 225                        | mg/l    | 2.0    | 1        |
|                               | 06/09/99 |           | ( ML/SM1040 )     | Anion Sum                                    | 12.1                       | meq/l   | 0.0010 | 1        |
| 06/10/99                      | 06/11/99 | 97497     | ( S3113B/E200.9 ) | Arsenic, Total, GF                           | ND                         | mg/l    | 0.005  | 1        |
| 06/15/99                      | 06/15/99 | 97612     | ( ML/EPA 200.7 )  | Calcium, Total, ICAP                         | 131                        | mg/l    | 1.0    | 1        |
|                               | 06/16/99 |           | ( ML/SM1040 )     | Cation Sum                                   | 12.0                       | meq/l   | 0.0010 | 1        |
|                               | 05/28/99 | 97182     | ( ML/EPA 300 )    | Chloride                                     | 117                        | mg/l    | 1.0    | 1        |
|                               | 06/16/99 | 97643     | ( MOD/EPA 300 )   | Perchlorate                                  | 4.9                        | ug/l    | 4.0    | 1        |
|                               | 06/09/99 |           | ( ML/SM2320B )    | Carbonate as CO <sub>3</sub> , Calculated    | 0.224                      | mg/l    | 0.0010 | 1        |
| 06/10/99                      | 06/11/99 | 97461     | ( EPA/ML 200.8 )  | Chromium, Total, ICAP/MS                     | ND                         | ug/l    | 10     | 1        |
|                               | 05/27/99 | 96859     | ( ML/SW 7196 )    | Hexavalent chromium (Cr VI)                  | ND                         | mg/l    | 0.005  | 1        |
|                               | 06/02/99 | 96992     | ( ML/S2510B )     | Specific Conductance                         | 1050                       | umho/cm | 4.0    | 1        |
| 06/10/99                      | 06/11/99 | 97462     | ( EPA/ML 200.8 )  | Iron, Total, ICAP/MS                         | 2300                       | ug/l    | 500    | 5        |
|                               | 06/09/99 |           | ( ML/SM2320B )    | Bicarbonate as HCO <sub>3</sub> , calculated | 274                        | mg/l    | 0.0010 | 1        |
| 06/15/99                      | 06/15/99 | 97614     | ( ML/EPA 200.7 )  | Potassium, Total, ICAP                       | 2.7                        | mg/l    | 1.0    | 1        |
| 06/15/99                      | 06/15/99 | 97619     | ( ML/EPA 200.7 )  | Magnesium, Total, ICAP                       | 47.9                       | mg/l    | 0.10   | 1        |
| 06/15/99                      | 06/15/99 | 97621     | ( ML/EPA 200.7 )  | Sodium, Total, ICAP                          | 33.8                       | mg/l    | 1.0    | 1        |
|                               | 05/28/99 | 97185     | ( ML/EPA 300.0 )  | Nitrate-N by IC                              | 10.8E                      | mg/l    | 0.10   | 1        |
| 06/10/99                      | 06/11/99 | 97463     | ( EPA/ML 200.8 )  | Lead, Total, ICAP/MS                         | ND                         | ug/l    | 2.0    | 1        |
|                               | 06/01/99 | 96983     | ( ML/SM 4500HB )  | Lab pH                                       | 7.1                        | Units   | 0.0010 | 1        |
|                               | 05/28/99 | 97186     | ( ML/EPA 300.0 )  | Sulfate                                      | 167                        | mg/l    | 2.0    | 1        |
|                               | 06/03/99 | 97168     | ( ML/SM2540C )    | Total Dissolved Solid (TDS)                  | 630                        | mg/l    | 10     | 1        |

**Regulated VOCs plus Lists 1&3**

|          |       |                  |                           |     |      |      |   |
|----------|-------|------------------|---------------------------|-----|------|------|---|
| 05/28/99 | 97034 | ( ML/EPA 524.2 ) | 1,1,1,2-Tetrachloroethane | ND  | ug/l | 0.50 | 1 |
| 05/28/99 | 97034 | ( ML/EPA 524.2 ) | 1,1,1-Trichloroethane     | ND  | ug/l | 0.50 | 1 |
| 05/28/99 | 97034 | ( ML/EPA 524.2 ) | 1,1,2,2-Tetrachloroethane | ND  | ug/l | 0.50 | 1 |
| 05/28/99 | 97034 | ( ML/EPA 524.2 ) | 1,1,2-Trichloroethane     | ND  | ug/l | 0.50 | 1 |
| 05/28/99 | 97034 | ( ML/EPA 524.2 ) | 1,1-Dichloroethane        | 1.0 | ug/l | 0.50 | 1 |
| 05/28/99 | 97034 | ( ML/EPA 524.2 ) | 1,1-Dichloroethylene      | ND  | ug/l | 0.50 | 1 |
| 05/28/99 | 97034 | ( ML/EPA 524.2 ) | 1,1-Dichloropropene       | ND  | ug/l | 0.50 | 1 |
| 05/28/99 | 97034 | ( ML/EPA 524.2 ) | 1,2,3-Trichlorobenzene    | ND  | ug/l | 0.50 | 1 |
| 05/28/99 | 97034 | ( ML/EPA 524.2 ) | 1,2,3-Trichloropropane    | ND  | ug/l | 0.50 | 1 |
| 05/28/99 | 97034 | ( ML/EPA 524.2 ) | 1,2,4-Trichlorobenzene    | ND  | ug/l | 0.50 | 1 |
| 05/28/99 | 97034 | ( ML/EPA 524.2 ) | 1,2,4-Trimethylbenzene    | ND  | ug/l | 0.50 | 1 |

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**Laboratory  
 Report  
 #54654**
**Foster Wheeler Environmental, Inc  
 (continued)**

| Prepared | Analyzed | QC Batch# | Method            | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|-------------------|---------------------------------|--------|-------|------|----------|
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,2-Dichloroethane              | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,2-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,3,5-Trimethylbenzene          | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 1,3-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | p-Dichlorobenzene (1,4-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 2,2-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 2-Butanone (MEK)                | ND     | ug/l  | 5.0  | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | o-Chlorotoluene                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | p-Chlorotoluene                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | 4-Methyl-2-Pentanone (MIBK)     | ND     | ug/l  | 5.0  | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Benzene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Bromobenzene                    | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Bromomethane (Methyl Bromide)   | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | cis-1,2-Dichloroethylene        | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Chlorobenzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Carbon Tetrachloride            | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | cis-1,3-Dichloropropene         | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Bromoform                       | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Chloroform (Trichloromethane)   | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Bromochloromethane              | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Chloroethane                    | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Chloromethane (Methyl Chloride) | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Chlorodibromomethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Dibromomethane                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Bromodichloromethane            | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Dichloromethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Ethyl benzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/E524.2/624 ) | Dichlorodifluoromethane         | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Fluorotrichloromethane-Freon11  | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Hexachlorobutadiene             | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Isopropylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | m-Dichlorobenzene (1,3-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | m,p-Xylenes                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | Naphthalene                     | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | n-Butylbenzene                  | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 )  | n-Propylbenzene                 | ND     | ug/l  | 0.50 | 1        |

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Laboratory  
Report  
#54654

Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method           | Analyte                          | Result | Units | MRL  | Dilution |
|----------|----------|-----------|------------------|----------------------------------|--------|-------|------|----------|
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | o-Xylene                         | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | o-Dichlorobenzene (1,2-DCB)      | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Tetrachloroethylene (PCE)        | 2.7    | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | p-Isopropyltoluene               | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | sec-Butylbenzene                 | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Styrene                          | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | trans-1,2-Dichloroethylene       | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | tert-Butylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Trichloroethylene (TCE)          | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Trichlorotrifluoroethane (Freon) | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | trans-1,3-Dichloropropene        | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Toluene                          | ND     | ug/l  | 0.50 | 1        |
|          | 05/28/99 | 97034     | ( ML/EPA 524.2 ) | Vinyl chloride (VC)              | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )    | None detected                    | ND     |       |      | 1        |
|          |          |           | ( Surrogate )    | 1,2-Dichloroethane-d4            | 104    | % Rec |      |          |
|          |          |           | ( Surrogate )    | 4-Bromofluorobenzene             | 107    | % Rec |      |          |
|          |          |           | ( Surrogate )    | Toluene-d8                       | 97     | % Rec |      |          |

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Report  
Comments  
#54654

**Group Comments**

(Nitrate) Result for sample MW-992-065 is greater than the 10ppm highest calibration standard at 10.8ppm. The flagged reported result is still within the linear range of the instrument and it was confirmed on 06/17/99. The re run resulted in 11.3ppm giving 4.5% RPD. Please see QIR.

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**Laboratory****QC Report****#54654**

Foster Wheeler Environmental, Inc

**QC Batch #96859****Hexavalent chromium (Cr VI)**

| QC   | Analyte                     | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|-----------------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample               | Lab # 99 | 0527209   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Hexavalent chromium (Cr VI) | 0.050    | 0.0500    | 100.0     | ( 78.00 - 118.00 ) |         |
| LCS2 | Hexavalent chromium (Cr VI) | 0.050    | 0.0500    | 100.0     | ( 78.00 - 118.00 ) | 0.00    |
| MBLK | Hexavalent chromium (Cr VI) | ND       |           |           |                    |         |
| MS   | Hexavalent chromium (Cr VI) | 0.050    | 0.0500    | 100.0     | ( 80.00 - 120.00 ) |         |
| MSD  | Hexavalent chromium (Cr VI) | 0.050    | 0.0506    | 101.2     | ( 80.00 - 120.00 ) | 1.2     |

**QC Batch #96983****Lab pH**

| QC  | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)      | RPD (%) |
|-----|---------------|----------|-----------|-----------|-----------------|---------|
| DUP | Spiked sample | lab # 99 | 0527210   |           | ( 0.00 - 0.00 ) |         |

**QC Batch #96992****Specific Conductance**

| QC  | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)      | RPD (%) |
|-----|---------------|----------|-----------|-----------|-----------------|---------|
| DUP | Spiked sample | Lab # 99 | 0527210   |           | ( 0.00 - 0.00 ) |         |

**QC Batch #97034****Regulated VOCs plus Lists 1&3**

| QC   | Analyte                   | Spiked | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|---------------------------|--------|-----------|-----------|--------------------|---------|
| MBLK | 1,1,1,2-Tetrachloroethane | ND     |           |           |                    |         |
| LCS1 | 1,1,1,1-Trichloroethane   | 4      | 4.05      | 101.2     | ( 70.00 - 130.00 ) |         |
| MBLK | 1,1,1,1-Trichloroethane   | ND     |           |           |                    |         |
| LCS1 | 1,1,2,2-Tetrachloroethane | 4      | 4.63      | 115.8     | ( 70.00 - 130.00 ) |         |
| MBLK | 1,1,2,2-Tetrachloroethane | ND     |           |           |                    |         |
| LCS1 | 1,1,2-Trichloroethane     | 4      | 4.40      | 110.0     | ( 70.00 - 130.00 ) |         |
| MBLK | 1,1,2-Trichloroethane     | ND     |           |           |                    |         |
| LCS1 | 1,1-Dichloroethane        | 4      | 4.94      | 123.5     | ( 70.00 - 130.00 ) |         |
| MBLK | 1,1-Dichloroethane        | ND     |           |           |                    |         |
| LCS1 | 1,1-Dichloroethylene      | 4      | 3.57      | 89.2      | ( 70.00 - 130.00 ) |         |
| MBLK | 1,1-Dichloroethylene      | ND     |           |           |                    |         |
| MS   | 1,1-Dichloroethylene      | 4      | 4.21      | 105.2     | ( 70.00 - 130.00 ) |         |
| MSD  | 1,1-Dichloroethylene      | 4      | 3.42      | 85.5      | ( 70.00 - 130.00 ) | 21      |

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.

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QC Report

#54654

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|      |                               |          |         |       |                    |     |
|------|-------------------------------|----------|---------|-------|--------------------|-----|
| MBLK | 1,1-Dichloropropene           | ND       |         |       |                    |     |
| MBLK | 1,2,3-Trichlorobenzene        | ND       |         |       |                    |     |
| MBLK | 1,2,3-Trichloropropane        | ND       |         |       |                    |     |
| LCS1 | 1,2,4-Trichlorobenzene        | 4        | 3.98    | 99.5  | ( 70.00 - 130.00 ) |     |
| MBLK | 1,2,4-Trichlorobenzene        | ND       |         |       |                    |     |
| MBLK | 1,2,4-Trimethylbenzene        | ND       |         |       |                    |     |
| LCS1 | 1,2-Dichloroethane            | 4        | 4.28    | 107.0 | ( 70.00 - 130.00 ) |     |
| MBLK | 1,2-Dichloroethane            | ND       |         |       |                    |     |
| LCS1 | 1,2-Dichloropropane           | 4        | 4.32    | 108.0 | ( 70.00 - 130.00 ) |     |
| MBLK | 1,2-Dichloropropane           | ND       |         |       |                    |     |
| MBLK | 1,3,5-Trimethylbenzene        | ND       |         |       |                    |     |
| LCS1 | 1,3-Dichloropropane           | 8        | 8.20    | 102.5 | ( 70.00 - 130.00 ) |     |
| MBLK | 1,3-Dichloropropane           | ND       |         |       |                    |     |
| LCS1 | p-Dichlorobenzene (1,4-DCB)   | 4        | 4.21    | 105.2 | ( 70.00 - 130.00 ) |     |
| MBLK | p-Dichlorobenzene (1,4-DCB)   | ND       |         |       |                    |     |
| MBLK | 2,2-Dichloropropane           | ND       |         |       |                    |     |
| MBLK | 2-Butanone (MEK)              | ND       |         |       |                    |     |
| MBLK | 2-Chloroethylvinylether       | ND       |         |       |                    |     |
| MBLK | o-Chlorotoluene               | ND       |         |       |                    |     |
| MBLK | p-Chlorotoluene               | ND       |         |       |                    |     |
| MBLK | 4-Methyl-2-Pentanone (MIBK)   | ND       |         |       |                    |     |
| MS   | Spiked sample                 | Lab # 99 | 0527208 |       | ( 0.00 - 0.00 )    |     |
| LCS1 | Benzene                       | 4        | 4.15    | 103.8 | ( 70.00 - 130.00 ) |     |
| MBLK | Benzene                       | ND       |         |       |                    |     |
| MS   | Benzene                       | 4        | 4.15    | 103.8 | ( 70.00 - 130.00 ) |     |
| MSD  | Benzene                       | 4        | 4.21    | 105.2 | ( 70.00 - 130.00 ) | 1.4 |
| MBLK | Bromobenzene                  | ND       |         |       |                    |     |
| MBLK | Bromomethane (Methyl Bromide) | ND       |         |       |                    |     |
| LCS1 | cis-1,2-Dichloroethylene      | 4        | 4.37    | 109.2 | ( 70.00 - 130.00 ) |     |
| MBLK | cis-1,2-Dichloroethylene      | ND       |         |       |                    |     |
| LCS1 | Chlorobenzene                 | 4        | 4.09    | 102.2 | ( 70.00 - 130.00 ) |     |
| MBLK | Chlorobenzene                 | ND       |         |       |                    |     |
| MS   | Chlorobenzene                 | 4        | 4.26    | 106.5 | ( 70.00 - 130.00 ) |     |
| MSD  | Chlorobenzene                 | 4        | 4.21    | 105.2 | ( 70.00 - 130.00 ) | 1.2 |
| LCS1 | Carbon Tetrachloride          | 4        | 4.26    | 106.5 | ( 70.00 - 130.00 ) |     |
| MBLK | Carbon Tetrachloride          | ND       |         |       |                    |     |
| MBLK | cis-1,3-Dichloropropene       | ND       |         |       |                    |     |

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QC Report

#54654

Foster Wheeler Environmental, Inc  
(continued)

|      |                                 |    |      |       |                    |
|------|---------------------------------|----|------|-------|--------------------|
| LCS1 | Bromoform                       | 4  | 4.36 | 109.0 | ( 70.00 - 130.00 ) |
| MBLK | Bromoform                       | ND |      |       |                    |
| LCS1 | Chloroform (Trichloromethane)   | 4  | 4.22 | 105.5 | ( 70.00 - 130.00 ) |
| MBLK | Chloroform (Trichloromethane)   | ND |      |       |                    |
| MBLK | Bromochloromethane              | ND |      |       |                    |
| MBLK | Chloroethane                    | ND |      |       |                    |
| MBLK | Chloromethane (Methyl Chloride) | ND |      |       |                    |
| LCS1 | Chlorodibromomethane            | 4  | 4.44 | 111.0 | ( 70.00 - 130.00 ) |
| MBLK | Chlorodibromomethane            | ND |      |       |                    |
| MBLK | Dibromomethane                  | ND |      |       |                    |
| LCS1 | Bromodichloromethane            | 4  | 4.39 | 109.7 | ( 70.00 - 130.00 ) |
| MBLK | Bromodichloromethane            | ND |      |       |                    |
| LCS1 | Dichloromethane                 | 4  | 3.70 | 92.5  | ( 70.00 - 130.00 ) |
| MBLK | Dichloromethane                 | ND |      |       |                    |
| LCS1 | Ethyl benzene                   | 4  | 4.17 | 104.2 | ( 70.00 - 130.00 ) |
| MBLK | Ethyl benzene                   | ND |      |       |                    |
| MBLK | Dichlorodifluoromethane         | ND |      |       |                    |
| LCS1 | Fluorotrichloromethane-Freon11  | 2  | 2.08 | 104.0 | ( 70.00 - 130.00 ) |
| MBLK | Fluorotrichloromethane-Freon11  | ND |      |       |                    |
| MBLK | Hexachlorobutadiene             | ND |      |       |                    |
| MBLK | Isopropylbenzene                | ND |      |       |                    |
| MBLK | m-Dichlorobenzene (1,3-DCB)     | ND |      |       |                    |
| LCS1 | m,p-Xylenes                     | 8  | 8.18 | 102.2 | ( 70.00 - 130.00 ) |
| MBLK | m,p-Xylenes                     | ND |      |       |                    |
| MBLK | Naphthalene                     | ND |      |       |                    |
| MBLK | n-Butylbenzene                  | ND |      |       |                    |
| MBLK | n-Propylbenzene                 | ND |      |       |                    |
| LCS1 | o-Xylene                        | 4  | 4.36 | 109.0 | ( 70.00 - 130.00 ) |
| MBLK | o-Xylene                        | ND |      |       |                    |
| LCS1 | o-Dichlorobenzene (1,2-DCB)     | 4  | 4.04 | 101.0 | ( 70.00 - 130.00 ) |
| MBLK | o-Dichlorobenzene (1,2-DCB)     | ND |      |       |                    |
| LCS1 | Tetrachloroethylene (PCE)       | 4  | 4.13 | 103.2 | ( 70.00 - 130.00 ) |
| MBLK | Tetrachloroethylene (PCE)       | ND |      |       |                    |
| MBLK | p-Isopropyltoluene              | ND |      |       |                    |
| MBLK | sec-Butylbenzene                | ND |      |       |                    |
| LCS1 | Styrene                         | 4  | 4.29 | 107.2 | ( 70.00 - 130.00 ) |
| MBLK | Styrene                         | ND |      |       |                    |

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 #54654

Foster Wheeler Environmental, Inc  
 (continued)

|      |                                  |     |      |       |                    |      |
|------|----------------------------------|-----|------|-------|--------------------|------|
| LCS1 | 1,2-dichloroethane-d4            | 100 | 101  | 101.0 | ( 80.00 - 120.00 ) |      |
| MBLK | 1,2-dichloroethane-d4            | 100 | 96   | 96.0  |                    |      |
| MS   | 1,2-dichloroethane-d4            | 100 | 102  | 102.0 | ( 80.00 - 120.00 ) |      |
| MSD  | 1,2-dichloroethane-d4            | 100 | 104  | 104.0 | ( 80.00 - 120.00 ) | 1.9  |
| LCS1 | Toluene-d8                       | 100 | 95   | 95.0  | ( 80.00 - 120.00 ) |      |
| MBLK | Toluene-d8                       | 100 | 96   | 96.0  |                    |      |
| MS   | Toluene-d8                       | 100 | 97   | 97.0  | ( 80.00 - 120.00 ) |      |
| MSD  | Toluene-d8                       | 100 | 98   | 98.0  | ( 80.00 - 120.00 ) | 1.0  |
| LCS1 | 4-Bromofluorobenzene             | 100 | 98   | 98.0  | ( 80.00 - 120.00 ) |      |
| MBLK | 4-Bromofluorobenzene             | 100 | 102  | 102.0 |                    |      |
| MS   | 4-Bromofluorobenzene             | 100 | 103  | 103.0 | ( 80.00 - 120.00 ) |      |
| MSD  | 4-Bromofluorobenzene             | 100 | 103  | 103.0 | ( 80.00 - 120.00 ) | 0.00 |
| LCS1 | trans-1,2-Dichloroethylene       | 4   | 4.45 | 111.2 | ( 70.00 - 130.00 ) |      |
| MBLK | trans-1,2-Dichloroethylene       | ND  |      |       |                    |      |
| MBLK | tert-Butylbenzene                | ND  |      |       |                    |      |
| LCS1 | Trichloroethylene (TCE)          | 4   | 4.11 | 102.8 | ( 70.00 - 130.00 ) |      |
| MBLK | Trichloroethylene (TCE)          | ND  |      |       |                    |      |
| MS   | Trichloroethylene (TCE)          | 4   | 4.25 | 106.2 | ( 70.00 - 130.00 ) |      |
| MSD  | Trichloroethylene (TCE)          | 4   | 4.07 | 101.8 | ( 70.00 - 130.00 ) | 4.3  |
| LCS1 | Trichlorotrifluoroethane (Freon) | 2   | 2.45 | 122.5 | ( 70.00 - 130.00 ) |      |
| MBLK | Trichlorotrifluoroethane (Freon) | ND  |      |       |                    |      |
| MBLK | trans-1,3-Dichloropropene        | ND  |      |       |                    |      |
| LCS1 | Toluene                          | 4   | 4.08 | 102.0 | ( 70.00 - 130.00 ) |      |
| MBLK | Toluene                          | ND  |      |       |                    |      |
| MS   | Toluene                          | 4   | 4.28 | 107.0 | ( 70.00 - 130.00 ) |      |
| MSD  | Toluene                          | 4   | 4.33 | 108.2 | ( 70.00 - 130.00 ) | 1.2  |
| LCS1 | Vinyl chloride (VC)              | 2   | 1.88 | 94.0  | ( 70.00 - 130.00 ) |      |
| MBLK | Vinyl chloride (VC)              | ND  |      |       |                    |      |

**QC Batch #97097****Total Dissolved Solid (TDS)**

| QC   | Analyte                     | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|-----------------------------|----------|-----------|-----------|--------------------|---------|
| DUP  | Spiked sample               | Lab # 99 | 0527207   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Total Dissolved Solid (TDS) | 175      | 174       | 99.4      | ( 85.00 - 115.00 ) |         |
| LCS2 | Total Dissolved Solid (TDS) | 700      | 676       | 96.6      | ( 85.00 - 115.00 ) |         |
| MBLK | Total Dissolved Solid (TDS) | ND       |           |           |                    |         |

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**Laboratory****QC Report****#54654**Foster Wheeler Environmental, Inc  
(continued)**QC Batch #97104****Total Dissolved Solid (TDS)**

| QC   | Analyte                     | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|-----------------------------|----------|-----------|-----------|--------------------|---------|
| DUP  | Spiked sample               | Lab # 99 | 0526020   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Total Dissolved Solid (TDS) | 175      | 168       | 96.0      | ( 85.00 - 115.00 ) |         |
| LCS2 | Total Dissolved Solid (TDS) | 700      | 668       | 95.4      | ( 85.00 - 115.00 ) |         |
| MBLK | Total Dissolved Solid (TDS) | ND       |           |           |                    |         |

**QC Batch #97168****Total Dissolved Solid (TDS)**

| QC   | Analyte                     | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|-----------------------------|----------|-----------|-----------|--------------------|---------|
| DUP  | Spiked sample               | Lab # 99 | 0527207   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Total Dissolved Solid (TDS) | 175      | 174       | 99.4      | ( 85.00 - 115.00 ) |         |
| LCS2 | Total Dissolved Solid (TDS) | 700      | 676       | 96.6      | ( 85.00 - 115.00 ) |         |
| MBLK | Total Dissolved Solid (TDS) | ND       |           |           |                    |         |

**QC Batch #97182****Chloride**

| QC   | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|---------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample | Lab # 99 | 0527206   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Chloride      | 25       | 24.8      | 99.2      | ( 90.00 - 110.00 ) |         |
| LCS2 | Chloride      | 25       | 25        | 100.0     | ( 90.00 - 110.00 ) | 0.80    |
| MBLK | Chloride      | ND       |           |           |                    |         |
| MS   | Chloride      | 25       | 26.7      | 106.8     | ( 80.00 - 120.00 ) |         |
| MSD  | Chloride      | 25       | 26.8      | 107.2     | ( 80.00 - 120.00 ) | 0.37    |

**QC Batch #97185****Nitrate-N by IC**

| QC   | Analyte         | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|-----------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample   | Lab # 99 | 0528228   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Nitrate-N by IC | 2.5      | 2.51      | 100.4     | ( 90.00 - 110.00 ) |         |
| LCS2 | Nitrate-N by IC | 2.5      | 2.52      | 100.8     | ( 90.00 - 110.00 ) | 0.40    |

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QC Report

#54654

Foster Wheeler Environmental, Inc  
(continued)

|      |                 |     |      |       |                    |      |
|------|-----------------|-----|------|-------|--------------------|------|
| MBLK | Nitrate-N by IC | ND  |      |       |                    |      |
| MS   | Nitrate-N by IC | 2.5 | 2.61 | 104.4 | ( 80.00 - 120.00 ) |      |
| MSD  | Nitrate-N by IC | 2.5 | 2.61 | 104.4 | ( 80.00 - 120.00 ) | 0.00 |

**QC Batch #97186****Sulfate**

| QC   | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|---------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample | Lab # 99 | 0527206   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Sulfate       | 50       | 49.1      | 98.2      | ( 90.00 - 110.00 ) |         |
| LCS2 | Sulfate       | 50       | 49.3      | 98.6      | ( 90.00 - 110.00 ) | 0.41    |
| MBLK | Sulfate       | ND       |           |           |                    |         |
| MS   | Sulfate       | 50       | 54        | 108.0     | ( 80.00 - 120.00 ) |         |
| MSD  | Sulfate       | 50       | 54        | 108.0     | ( 80.00 - 120.00 ) | 0.00    |

**QC Batch #97355****Alkalinity**

| QC   | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|---------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample | Lab # 99 | 0526107   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Alkalinity    | 96.2     | 97.5      | 101.4     | ( 96.00 - 107.00 ) |         |
| LCS2 | Alkalinity    | 96.2     | 96.7      | 100.5     | ( 96.00 - 107.00 ) | 0.82    |
| MBLK | Alkalinity    | ND       |           |           |                    |         |
| MS   | Alkalinity    | 96.2     | 87.9      | 91.4      | ( 80.00 - 120.00 ) |         |
| MSD  | Alkalinity    | 96.2     | 88.4      | 91.9      | ( 80.00 - 120.00 ) | 0.57    |

**QC Batch #97461****Chromium, Total, ICAP/MS**

| QC   | Analyte                  | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|--------------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample            | Lab # 99 | 0525109   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Chromium, Total, ICAP/MS | 100      | 106       | 106.0     | ( 85.00 - 115.00 ) |         |
| LCS2 | Chromium, Total, ICAP/MS | 100      | 101       | 101.0     | ( 85.00 - 115.00 ) | 4.8     |
| MBLK | Chromium, Total, ICAP/MS | ND       |           |           |                    |         |
| MS   | Chromium, Total, ICAP/MS | 100      | 106       | 106.0     | ( 77.00 - 119.00 ) |         |
| MSD  | Chromium, Total, ICAP/MS | 100      | 104       | 104.0     | ( 77.00 - 119.00 ) | 1.9     |

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.

Criteria for MS and DUP are advisory only and not applicable for ICR monitoring.

**MONTGOMERY WATSON LABORATORIES**

a Division of Montgomery Watson Americas, Inc.  
555 East Walnut Street  
Pasadena, California 91101  
Tel: 626 588 6400 Fax: 626 588 6324  
1 800 566 LABS (1 800 566 5227)

Laboratory  
QC Report  
#54654

Foster Wheeler Environmental, Inc  
(continued)

**QC Batch #97462****Iron, Total, ICAP/MS**

| QC   | Analyte              | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|----------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample        | Lab # 99 | 0525109   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Iron, Total, ICAP/MS | 500      | 527       | 105.4     | ( 85.00 - 115.00 ) |         |
| LCS2 | Iron, Total, ICAP/MS | 500      | 518       | 103.6     | ( 85.00 - 115.00 ) | 1.7     |
| MBLK | Iron, Total, ICAP/MS | ND       |           |           |                    |         |
| MS   | Iron, Total, ICAP/MS | 500      | 510       | 102.0     | ( 70.00 - 130.00 ) |         |
| MSD  | Iron, Total, ICAP/MS | 500      | 484       | 96.8      | ( 70.00 - 130.00 ) | 5.2     |

**QC Batch #97463****Lead, Total, ICAP/MS**

| QC   | Analyte              | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|----------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample        | Lab # 99 | 0525109   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Lead, Total, ICAP/MS | 20.0     | 21.6      | 108.0     | ( 87.00 - 108.00 ) |         |
| LCS2 | Lead, Total, ICAP/MS | 20.0     | 20.7      | 103.5     | ( 87.00 - 108.00 ) | 4.3     |
| MBLK | Lead, Total, ICAP/MS | ND       |           |           |                    |         |
| MS   | Lead, Total, ICAP/MS | 20.0     | 22.0      | 110.0     | ( 75.00 - 119.00 ) |         |
| MSD  | Lead, Total, ICAP/MS | 20.0     | 20.8      | 104.0     | ( 75.00 - 119.00 ) | 5.6     |

**QC Batch #97497****Arsenic, Total, GF**

| QC   | Analyte            | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|--------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample      | Lab # 99 | 0526109   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Arsenic, Total, GF | 0.020    | 0.0190    | 95.0      | ( 85.00 - 115.00 ) |         |
| LCS2 | Arsenic, Total, GF | 0.020    | 0.0187    | 93.5      | ( 85.00 - 115.00 ) | 1.6     |
| MBLK | Arsenic, Total, GF | ND       |           |           |                    |         |
| MS   | Arsenic, Total, GF | 0.020    | 0.0224    | 112.0     | ( 70.00 - 130.00 ) |         |
| MSD  | Arsenic, Total, GF | 0.020    | 0.0216    | 108.0     | ( 70.00 - 130.00 ) | 3.6     |

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.  
Criteria for MS and DUP are advisory only and not applicable for ICR monitoring.

**MONTGOMERY WATSON LABORATORIES**

a Division of Montgomery Watson Americas, Inc.

555 East Walnut Street

Pasadena, California 91101

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**Laboratory****QC Report****#54654**Foster Wheeler Environmental, Inc  
(continued)**QC Batch #97612****Calcium, Total, ICAP**

| QC   | Analyte              | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|----------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample        | Lab # 99 | 0526107   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Calcium, Total, ICAP | 50       | 52.9      | 105.8     | ( 85.00 - 115.00 ) |         |
| LCS2 | Calcium, Total, ICAP | 50       | 52.9      | 105.8     | ( 85.00 - 115.00 ) | 0.00    |
| MBLK | Calcium, Total, ICAP | ND       |           |           |                    |         |
| MS   | Calcium, Total, ICAP | 50       | 50.5      | 101.0     | ( 70.00 - 130.00 ) |         |
| MSD  | Calcium, Total, ICAP | 50       | 50.4      | 100.8     | ( 70.00 - 130.00 ) | 0.20    |

**QC Batch #97614****Potassium, Total, ICAP**

| QC   | Analyte                | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|------------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample          | Lab # 99 | 0526107   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Potassium, Total, ICAP | 20       | 21.4      | 107.0     | ( 80.00 - 110.00 ) |         |
| LCS2 | Potassium, Total, ICAP | 20       | 21.3      | 106.5     | ( 80.00 - 110.00 ) | 0.47    |
| MBLK | Potassium, Total, ICAP | ND       |           |           |                    |         |
| MS   | Potassium, Total, ICAP | 20       | 20.5      | 102.5     | ( 80.00 - 120.00 ) |         |
| MSD  | Potassium, Total, ICAP | 20       | 20.4      | 102.0     | ( 80.00 - 120.00 ) | 0.49    |

**QC Batch #97619****Magnesium, Total, ICAP**

| QC   | Analyte                | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|------------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample          | Lab # 99 | 0526107   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Magnesium, Total, ICAP | 20       | 21.4      | 107.0     | ( 97.00 - 115.00 ) |         |
| LCS2 | Magnesium, Total, ICAP | 20       | 21.3      | 106.5     | ( 97.00 - 115.00 ) | 0.47    |
| MBLK | Magnesium, Total, ICAP | ND       |           |           |                    |         |
| MS   | Magnesium, Total, ICAP | 20       | 20.4      | 102.0     | ( 74.00 - 130.00 ) |         |
| MSD  | Magnesium, Total, ICAP | 20       | 20.3      | 101.5     | ( 74.00 - 130.00 ) | 0.49    |

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.  
Criteria for MS and DUF are advisory only and not applicable for ICR monitoring.

**MONTGOMERY WATSON LABORATORIES**

a Division of Montgomery Watson Americas, Inc.

555 East Walnut Street

Pasadena, California 91101

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1 800 566 LABS (1 800 566 5227)

**Laboratory****QC Report****#54654**Foster Wheeler Environmental, Inc  
(continued)**QC Batch #97621****Sodium, Total, ICAP**

| QC   | Analyte             | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|---------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample       | Lab # 99 | 0526107   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Sodium, Total, ICAP | 50       | 53.7      | 107.4     | ( 94.00 - 112.00 ) |         |
| LCS2 | Sodium, Total, ICAP | 50       | 53.8      | 107.6     | ( 94.00 - 112.00 ) | 0.19    |
| MBLK | Sodium, Total, ICAP | ND       |           |           |                    |         |
| MS   | Sodium, Total, ICAP | 50       | 51.2      | 102.4     | ( 82.00 - 114.00 ) |         |
| MSD  | Sodium, Total, ICAP | 50       | 50.1      | 100.2     | ( 82.00 - 114.00 ) | 2.2     |

**QC Batch #97643****Perchlorate**

| QC   | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|---------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample | Lab # 99 | 0524256   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Perchlorate   | 20.0     | 20.6      | 103.0     | ( 90.00 - 110.00 ) |         |
| LCS2 | Perchlorate   | 20.0     | 20.7      | 103.5     | ( 90.00 - 110.00 ) | 0.48    |
| MBLK | Perchlorate   | ND       |           |           |                    |         |
| MS   | Perchlorate   | 20.0     | 20.2      | 101.0     | ( 75.00 - 125.00 ) |         |
| MSD  | Perchlorate   | 20.0     | 20.4      | 102.0     | ( 75.00 - 125.00 ) | 0.99    |

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.  
Criteria for MS and DUP are advisory only and not applicable for ICR monitoring.





**MONTGOMERY WATSON LABORATORIES**

*Quality Environmental Analysis*

A division of Montgomery Watson Americas, Inc.  
June 17, 1999

Foster Wheeler Environmental  
611 Anton Blvd, Suite 800  
Costa Mesa, CA.92626

Attention: Mark Cutler

Re: Report # 54685 (MW-992-012, MW-992-011, MW-992-010,  
MW-992-007, MW-992-101, MW-992-102)

Sampled: 5/28/99

Dear Mark,

Enclosed please find data deliverables for the recent JPL project. A detailed quality control (QC) summary follows:

**Non-conformance (LCS, MS/MSD, Surrogates, and Holding Times)**

None

**Samples requiring dilution (with increased MRL's):**

None

**Method blanks with compounds detected:**

None

**Comments:**

Chloroform was detected in MW-992-101

**TIC's:**

None

**Method Variance:**

None

**Other Comments:**

A QC check on the ASTM type II water supplied for the equipment rinse did not contain Methylene Chloride, but did contain detectable levels of Chloroform at 1.3 ug/L. No Methylene Chloride or Chloroform was detected in the method blank QC. Chloroform concentrations detected in the field samples, up to and including the level detected in the rinse water, may be an artifact of the rinse water.

ASTM type II water does not have specifications for volatiles. Foster Wheeler Environmental Corporation may want to consider the use of 'volatile free' water, if the trace chloroform poses problems. The Stationary Blank, SB, which was purged at the time of preparation, did not contain either compound. Volatile free water, would be substantially more expensive, due to the need to purge the water and the difficulty of preparing it in large quantities.

Sincerely,

Debbie Frank  
Project Manager

cc: Judy Novelly (JPL)

**Laboratory**  
555 East Walnut Street  
Pasadena, California 91101  
Tel: 626 568 6400  
Fax: 626 568 6324

**Southwest Service Center**  
4820 South Mill Avenue - Suite 202  
Tempe, Arizona 85282  
Tel: 602 755 8201  
Fax: 602 755 8203

**Northern California Service Center**  
1340 Treat Boulevard - Suite 300  
Walnut Creek, California 94596  
Tel: 925 274 2322  
Fax: 925 945 1760

**Southern California Service Center**  
30 Corporate Park - Suite 302  
Irvine, California 92606  
Tel: 949 222 1845  
Fax: 949 222 1849

**Montgomery Watson Laboratories**  
 , Los Angeles, CA 90051-3508  
 PHONE: 626-568-6400/FAX: 626-568-6324

ACKNOWLEDGMENT OF SAMPLES RECEIVED

Foster Wheeler Environmental, Inc  
 611 Anton Boulevard  
 Suite 800  
 Costa Mesa, CA 92626  
 Attn: Mark Cutler

Customer Code: ENSERCH  
 PO#: Sub PO#007618-0006  
 Group#: 54685  
 Project#: JPL  
 Proj Mgr: Debbie Frank  
 Phone: (714) 444-5526

The following samples were received from you on 05/28/99. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using Montgomery Watson Laboratories.

| Sample#   | Sample Id  | Tests Scheduled                        | Matrix | Sample Date |
|-----------|------------|----------------------------------------|--------|-------------|
| 990528139 | MW-992-012 | Water                                  |        | 05/28/99    |
|           |            | @EBASVOA CR-VI PB-EBAS CR-EBAS AS-EBAS |        |             |
|           |            | TDS CATION1 ANION1 PH EC HCO3          |        |             |
|           |            | CO3 ALK NO3 SO4 CL FE-MS               |        |             |
|           |            | K NA MG CA CLO4                        |        |             |
| 990528140 | MW-992-011 | Water                                  |        | 05/28/99    |
|           |            | @EBASVOA CR-VI PB-EBAS CR-EBAS AS-EBAS |        |             |
|           |            | TDS CATION1 ANION1 PH EC HCO3          |        |             |
|           |            | CO3 ALK NO3 SO4 CL FE-MS               |        |             |
|           |            | K NA MG CA CLO4                        |        |             |
| 990528141 | MW-992-010 | Water                                  |        | 05/28/99    |
|           |            | @EBASVOA CR-VI PB-EBAS CR-EBAS AS-EBAS |        |             |
|           |            | TDS CATION1 ANION1 PH EC HCO3          |        |             |
|           |            | CO3 ALK NO3 SO4 CL FE-MS               |        |             |
|           |            | K NA MG CA CLO4                        |        |             |
| 990528142 | MW-992-007 | Water                                  |        | 05/28/99    |
|           |            | @EBASVOA CR-VI PB-EBAS CR-EBAS AS-EBAS |        |             |
|           |            | TDS CATION1 ANION1 PH EC HCO3          |        |             |
|           |            | CO3 ALK NO3 SO4 CL FE-MS               |        |             |
|           |            | K NA MG CA CLO4                        |        |             |
| 990528143 | MW-992-101 | Water                                  |        | 05/28/99    |
|           |            | @EBASVOA CR-EBAS PB-EBAS AS-EBAS CR-VI |        |             |
|           |            | CLO4                                   |        |             |
| 990528144 | MW-992-102 | Water                                  |        | 05/28/99    |
|           |            | @EBASVOA                               |        |             |

Test Acronym Description

| Test Acronym | Description |
|--------------|-------------|
|--------------|-------------|

|          |                               |
|----------|-------------------------------|
| @EBASVOA | Regulated VOCs plus Lists 1&3 |
| ALK      | Alkalinity                    |
| ANION1   | Anion Sum                     |

Foster Wheeler Environmental, Inc  
611 Anton Boulevard  
Suite 800  
Costa Mesa, CA 92626  
Attn: Mark Cutler

Customer Code: ENSERCH  
PO#: Sub PO#007618-0006  
Group#: 54685  
Project#: JPL  
Proj Mgr: Debbie Frank  
Phone: (714) 444-5526

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Test Acronym Description

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| Test Acronym | Description |
|--------------|-------------|
|--------------|-------------|

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|         |                                 |
|---------|---------------------------------|
| AS-EBAS | Arsenic, Total, GF              |
| CA      | Calcium, Total, ICAP            |
| CATION1 | Cation Sum                      |
| CL      | Chloride                        |
| CLO4    | Perchlorate                     |
| CO3     | Carbonate as CO3, Calculated    |
| CR-EBAS | Chromium, Total, ICAP/MS        |
| CR-VI   | Hexavalent chromium (Cr VI)     |
| EC      | Specific Conductance            |
| FE-MS   | Iron, Total, ICAP/MS            |
| HCO3    | Bicarbonate as HCO3, calculated |
| K       | Potassium, Total, ICAP          |
| MG      | Magnesium, Total, ICAP          |
| NA      | Sodium, Total, ICAP             |
| NO3     | Nitrate-N by IC                 |
| PB-EBAS | Lead, Total, ICAP/MS            |
| PH      | Lab pH                          |
| SO4     | Sulfate                         |
| TDS     | Total Dissolved Solid (TDS)     |

MONTGOMERY WATSON COOLER RECEIPT FORM

PROJECT: ENSERUH DATE RECEIVED: 5-28-99

Use back of form to note check-in problems and describe action(s) regarding the resolution(s) of problems.

A. PRELIMINARY EXAMINATION

Date Cooler opened: 5-28-99  
By (print) M. DE NESS (sign) 

1. Did cooler come with shipping slip (air bill, etc.)? Yes No  
If yes, attach and enter carrier and air bill number here: DEL BY CLIENT
2. Were custody seals on outside of cooler? Yes No  
If yes, how many and where: 2 OUTSIDE LID  
If yes, enter the following: seal date: 5-28-99 seal name: I. M.
3. Were custody seals unbroken and intact at delivery? Yes No
4. Were custody papers sealed in bag and taped to lid? Yes No
5. Were custody papers filled out properly (ink, etc.)? Yes No
6. Did you sign custody papers in appropriate place? Yes No
7. Was project identifiable from custody papers? Yes No
8. Have designated person(s) initial and acknowledge receipt: MD date: 5-28-99

B. LOGIN PHASE

Date samples were logged in: 5-28-99  
By (print) M. DE NESS (sign) 

9. Describe packing: \_\_\_\_\_
10. If required, was enough ice used? Yes No
11. Were all bottles sealed in separate plastic bags? Yes No
12. Did all bottles arrive unbroken and in good condition? Yes No
13. Were all bottle labels complete (ID, date, sign, preservative)? Yes No
14. Did all bottle labels agree with custody papers? If no, list on back. Yes No - SEE LOC
15. Were correct containers used for the analytes? Yes No
16. Were correct preservatives used when required? Yes No
17. Was sufficient amount of sample sent for tests? Yes No
18. Bubbles absent in VOA vials? If no, list by sample ID on back. Yes No
19. Was Client Services informed of problems? Yes No



54655

NUMBER 1258

TEMP - 8-16

B.J - OK

## FOSTER WHEELER ENVIRONMENTAL CORPORATION

## CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

PAGE OF

| PROJECT<br><b>JPL</b>                                         |                | OFS NO.<br><b>1572.027C</b> |                                               | HAZARD IDENTIFICATION<br>Non Hazard <input checked="" type="checkbox"/> Reactive <input type="checkbox"/><br>Flammable <input type="checkbox"/> Toxic <input type="checkbox"/><br>Skin Irritant <input type="checkbox"/> Infectious <input type="checkbox"/> |                 | TIME REQUIRED<br>NORMAL <input checked="" type="checkbox"/> DAYS<br>RUSH <input type="checkbox"/> DAYS |                  |             |                         |     |              |       |      |             |              |             |            |
|---------------------------------------------------------------|----------------|-----------------------------|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------------------------------------------------------------------------------------------------|------------------|-------------|-------------------------|-----|--------------|-------|------|-------------|--------------|-------------|------------|
| PROJECT ADDRESS<br><b>4500 OAK GROVE D.L. PASADENA CA</b>     |                |                             |                                               |                                                                                                                                                                                                                                                              |                 |                                                                                                        |                  |             |                         |     |              |       |      |             |              |             |            |
| SAMPLER (Name)                                                |                | SAMPLER (Signature)         |                                               | ANALYSES REQUIRED                                                                                                                                                                                                                                            |                 |                                                                                                        |                  |             |                         |     |              |       |      |             |              |             |            |
| LABORATORY<br><b>MONTGOMERY WATSON LAES</b>                   |                |                             |                                               | <b>VOCs (5242)</b><br><b>TPH MS C, Pb</b><br><b>(6010/500)</b><br><b>MSD</b><br><b>ANIONS + TDS</b><br><b>Cl-6+</b><br><b>ClO4</b><br><b>MS Euc Vocs</b><br><b>MSD Euc Vocs</b><br><b>MS/MS MEMES</b><br><b>OC Euc C-6</b>                                   |                 |                                                                                                        |                  |             |                         |     |              |       |      |             |              |             |            |
| REPORTS TO BE SENT TO<br><b>M.R. MARK CORAL</b>               |                |                             |                                               |                                                                                                                                                                                                                                                              |                 |                                                                                                        |                  |             |                         |     |              |       |      |             |              |             |            |
| SAMPLE NUMBER                                                 | TIME COLLECTED | DATE COLLECTED              | NUMBER OF CONTAINERS                          | CONTAINER SIZE(S)                                                                                                                                                                                                                                            | SAMPLE MATERIAL |                                                                                                        |                  | VOCs (5242) | TPH MS C, Pb (6010/500) | MSD | ANIONS + TDS | Cl-6+ | ClO4 | MS Euc Vocs | MSD Euc Vocs | MS/MS MEMES | OC Euc C-6 |
|                                                               |                |                             |                                               |                                                                                                                                                                                                                                                              | WATER           | SOIL                                                                                                   | OTHER (Describe) |             |                         |     |              |       |      |             |              |             |            |
| MW-992-012                                                    | 0845           | 5/20/99                     | 6                                             | 2x500ml, 1x250ml, 1x500ml, 2x125ml                                                                                                                                                                                                                           | X               |                                                                                                        |                  | X           | X                       | X   | X            | X     | X    |             |              |             |            |
| MW-992-011                                                    | 1000           | 5/28/99                     | 6                                             | 2x500ml, 2x125ml, 2x125ml                                                                                                                                                                                                                                    | X               |                                                                                                        |                  | X           | X                       | X   | X            | X     | X    |             |              | X           |            |
| MW-992-014                                                    | 1100           | 5/28/99                     | 6                                             | 2x500ml, 2x125ml                                                                                                                                                                                                                                             | X               |                                                                                                        |                  | X           | X                       | X   | X            | X     | X    | X           |              |             |            |
| MW-992-014MSD                                                 | 1000           | 5/28/99                     | 2                                             | 2x500ml                                                                                                                                                                                                                                                      |                 |                                                                                                        |                  |             |                         |     |              |       |      | X           |              |             |            |
| MW-992-010                                                    | 1100           | 5/28/99                     | 6                                             | 2x500ml, 2x125ml, 2x125ml                                                                                                                                                                                                                                    | X               |                                                                                                        |                  | X           | X                       | X   | X            | X     | X    |             |              |             |            |
| MW-992-007                                                    | 1200           | 5/28/99                     | 6                                             | 2x500ml, 2x125ml, 2x125ml                                                                                                                                                                                                                                    | X               |                                                                                                        |                  | X           | X                       | X   | X            | X     | X    |             |              | X           |            |
| MW-992-101                                                    | 8:45           | 5-28-99                     |                                               |                                                                                                                                                                                                                                                              |                 |                                                                                                        |                  | *           | *                       |     | *            | *     |      |             |              |             |            |
| MW-992-102                                                    | 8:30           | 5-28                        |                                               |                                                                                                                                                                                                                                                              |                 |                                                                                                        |                  | *           |                         |     |              |       |      |             |              |             |            |
| LABORATORY INSTRUCTIONS/COMMENTS<br><br><b>LEVEL IV QA/QC</b> |                |                             |                                               |                                                                                                                                                                                                                                                              |                 |                                                                                                        |                  |             |                         |     |              |       |      |             |              |             |            |
| RELINQUISHED BY (Signature)<br><i>[Signature]</i>             |                | DATE<br>5/22/99             | RECEIVED BY (Signature)<br><i>[Signature]</i> |                                                                                                                                                                                                                                                              | DATE            | RECEIVED BY (Signature)                                                                                |                  |             |                         |     |              |       |      |             |              |             |            |
| COMPANY<br>Foster Wheeler                                     |                | TIME<br>1:00                | COMPANY                                       |                                                                                                                                                                                                                                                              | TIME            | COMPANY                                                                                                |                  |             |                         |     |              |       |      |             |              |             |            |

Report Summary of positive results, PR54685

|          |                                             |            | Result | MDL    | UNITS |
|----------|---------------------------------------------|------------|--------|--------|-------|
| Analyzed | 990528139                                   | MW-992-012 |        |        |       |
| 06/07/99 | Alkalinity                                  |            | 163    | 2.000  | MGL   |
| 06/09/99 | Anion Sum                                   |            | 3.98   | .001   | MEQL  |
| 06/09/99 | Bicarbonate as HCO <sub>3</sub> ,calculated |            | 198    | .001   | MGL   |
| 06/15/99 | Calcium, Total, ICAP                        |            | 33.6   | 1.000  | MGL   |
| 06/09/99 | Carbonate as CO <sub>3</sub> , Calculated   |            | 1.62   | .001   | MGL   |
| 06/16/99 | Cation Sum                                  |            | 4.10   | .001   | MEQL  |
| 05/28/99 | Chloride                                    |            | 9.10   | 1.000  | MGL   |
| 06/01/99 | Lab pH                                      |            | 8.1    | .001   | UNIT  |
| 06/15/99 | Magnesium, Total, ICAP                      |            | 9.5    | .100   | MGL   |
| 05/28/99 | Nitrate-N by IC                             |            | 1.33   | .100   | MGL   |
| 06/15/99 | Potassium, Total, ICAP                      |            | 1.9    | 1.000  | MGL   |
| 06/15/99 | Sodium, Total, ICAP                         |            | 36.6   | 1.000  | MGL   |
| 06/02/99 | Specific Conductance                        |            | 355    | 4.000  | UMHO  |
| 05/28/99 | Sulfate                                     |            | 17.8   | 2.000  | MGL   |
| 06/03/99 | Total Dissolved Solid (TDS)                 |            | 220    | 10.000 | MGL   |
| Analyzed | 990528140                                   | MW-992-011 |        |        |       |
| 06/07/99 | Alkalinity                                  |            | 149    | 2.000  | MGL   |
| 06/09/99 | Anion Sum                                   |            | 3.95   | .001   | MEQL  |
| 06/09/99 | Bicarbonate as HCO <sub>3</sub> ,calculated |            | 181    | .001   | MGL   |
| 06/15/99 | Calcium, Total, ICAP                        |            | 26.4   | 1.000  | MGL   |
| 06/09/99 | Carbonate as CO <sub>3</sub> , Calculated   |            | 2.35   | .001   | MGL   |
| 06/16/99 | Cation Sum                                  |            | 4.01   | .001   | MEQL  |
| 05/28/99 | Chloride                                    |            | 16.1   | 1.000  | MGL   |
| 06/11/99 | Iron, Total, ICAP/MS                        |            | 350    | *****  | UGL   |
| 06/01/99 | Lab pH                                      |            | 8.3    | .001   | UNIT  |
| 06/15/99 | Magnesium, Total, ICAP                      |            | 10.5   | .100   | MGL   |
| 05/28/99 | Nitrate-N by IC                             |            | 4.84   | .100   | MGL   |
| 06/15/99 | Potassium, Total, ICAP                      |            | 1.8    | 1.000  | MGL   |
| 06/15/99 | Sodium, Total, ICAP                         |            | 41.0   | 1.000  | MGL   |
| 06/02/99 | Specific Conductance                        |            | 345    | 4.000  | UMHO  |
| 05/28/99 | Sulfate                                     |            | 8.21   | 2.000  | MGL   |
| 06/03/99 | Total Dissolved Solid (TDS)                 |            | 220    | 10.000 | MGL   |
| Analyzed | 990528141                                   | MW-992-010 |        |        |       |
| 06/07/99 | Alkalinity                                  |            | 137    | 2.000  | MGL   |
| 06/09/99 | Anion Sum                                   |            | 3.67   | .001   | MEQL  |
| 06/09/99 | Bicarbonate as HCO <sub>3</sub> ,calculated |            | 166    | .001   | MGL   |
| 06/15/99 | Calcium, Total, ICAP                        |            | 20.8   | 1.000  | MGL   |
| 06/09/99 | Carbonate as CO <sub>3</sub> , Calculated   |            | 3.41   | .001   | MGL   |
| 06/16/99 | Cation Sum                                  |            | 3.75   | .001   | MEQL  |
| 05/28/99 | Chloride                                    |            | 24.1   | 1.000  | MGL   |
| 06/11/99 | Iron, Total, ICAP/MS                        |            | 300    | *****  | UGL   |
| 06/01/99 | Lab pH                                      |            | 8.5    | .001   | UNIT  |
| 06/15/99 | Magnesium, Total, ICAP                      |            | 13.7   | .100   | MGL   |
| 05/28/99 | Nitrate-N by IC                             |            | 0.68   | .100   | MGL   |
| 06/15/99 | Potassium, Total, ICAP                      |            | 2.0    | 1.000  | MGL   |
| 06/15/99 | Sodium, Total, ICAP                         |            | 35.3   | 1.000  | MGL   |
| 06/02/99 | Specific Conductance                        |            | 325    | 4.000  | UMHO  |
| 05/28/99 | Sulfate                                     |            | 9.68   | 2.000  | MGL   |
| 06/03/99 | Total Dissolved Solid (TDS)                 |            | 190    | 10.000 | MGL   |

|          |                                             |            |        |      |  |
|----------|---------------------------------------------|------------|--------|------|--|
| Analyzed | 990528142                                   | MW-992-007 |        |      |  |
| 06/07/99 | Alkalinity                                  | 164        | 2.000  | MGL  |  |
| 06/09/99 | Anion Sum                                   | 4.29       | .001   | MEQL |  |
| 06/09/99 | Bicarbonate as HCO <sub>3</sub> ,calculated | 200        | .001   | MGL  |  |
| 06/15/99 | Calcium, Total, ICAP                        | 43.6       | 1.000  | MGL  |  |
| 06/09/99 | Carbonate as CO <sub>3</sub> , Calculated   | 0.206      | .001   | MGL  |  |
| 06/16/99 | Cation Sum                                  | 4.40       | .001   | MEQL |  |
| 05/28/99 | Chloride                                    | 9.67       | 1.000  | MGL  |  |
| 06/11/99 | Iron, Total, ICAP/MS                        | 340        | *****  | UGL  |  |
| 06/01/99 | Lab pH                                      | 7.2        | .001   | UNIT |  |
| 06/15/99 | Magnesium, Total, ICAP                      | 14.6       | .100   | MGL  |  |
| 05/28/99 | Nitrate-N by IC                             | 0.62       | .100   | MGL  |  |
| 06/15/99 | Potassium, Total, ICAP                      | 2.6        | 1.000  | MGL  |  |
| 06/15/99 | Sodium, Total, ICAP                         | 21.9       | 1.000  | MGL  |  |
| 06/02/99 | Specific Conductance                        | 375        | 4.000  | UMHO |  |
| 05/28/99 | Sulfate                                     | 33.3       | 2.000  | MGL  |  |
| 06/03/99 | Total Dissolved Solid (TDS)                 | 230        | 10.000 | MGL  |  |
| Analyzed | 990528143                                   | MW-992-101 |        |      |  |
| 06/03/99 | Chloroform (Trichloromethane)               | 1.1        | .500   | UGL  |  |
| Analyzed | 990528144                                   | MW-992-102 |        |      |  |



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1 800 566 LABS (1 800 566 5227)

**Laboratory Report**

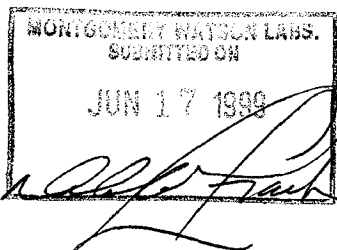
for

Foster Wheeler Environmental, Inc  
611 Anton Boulevard

Suite 800

Costa Mesa , CA 92626

Attention: Mark Cutler  
Fax: (714) 444-5560



DEB\* Debbie Frank

Report#: 54685  
JPL



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**Laboratory****Report****#54685**

Foster Wheeler Environmental, Inc

Mark Cutler

611 Anton Boulevard

Suite 800

Costa Mesa , CA 92626

Samples Received

28-may-1999 13:52:22

| Prepared                                 | Analyzed | QC Batch# | Method                     | Analyte                        | Result | Units   | MRL    | Dilution |
|------------------------------------------|----------|-----------|----------------------------|--------------------------------|--------|---------|--------|----------|
| <b>MW-992-012 (990528139)</b>            |          |           | <b>Sampled on 05/28/99</b> |                                |        |         |        |          |
|                                          | 06/07/99 | 97359     | ( ML/SM2320B )             | Alkalinity                     | 163    | mg/l    | 2.0    | 1        |
|                                          | 06/09/99 |           | ( ML/SM1040 )              | Anion Sum                      | 3.98   | meq/l   | 0.0010 | 1        |
| 06/10/99                                 | 06/14/99 | 97585     | ( S3113B/E200.9 )          | Arsenic, Total, GF             | ND     | mg/l    | 0.005  | 1        |
| 06/15/99                                 | 06/15/99 | 97612     | ( ML/EPA 200.7 )           | Calcium, Total, ICAP           | 33.6   | mg/l    | 1.0    | 1        |
|                                          | 06/16/99 |           | ( ML/SM1040 )              | Cation Sum                     | 4.10   | meq/l   | 0.0010 | 1        |
|                                          | 05/28/99 | 97182     | ( ML/EPA 300 )             | Chloride                       | 9.10   | mg/l    | 1.0    | 1        |
|                                          | 06/16/99 | 97644     | ( MOD/EPA 300 )            | Perchlorate                    | ND     | ug/l    | 4.0    | 1        |
|                                          | 06/09/99 |           | ( ML/SM2320B )             | Carbonate as CO3, Calculated   | 1.62   | mg/l    | 0.0010 | 1        |
| 06/10/99                                 | 06/11/99 | 97491     | ( EPA/ML 200.8 )           | Chromium, Total, ICAP/MS       | ND     | ug/l    | 10     | 1        |
|                                          | 05/28/99 | 96897     | ( ML/SW 7196 )             | Hexavalent chromium (Cr VI)    | ND     | mg/l    | 0.005  | 1        |
|                                          | 06/02/99 | 96993     | ( ML/S2510B )              | Specific Conductance           | 355    | umho/cm | 4.0    | 1        |
| 06/10/99                                 | 06/11/99 | 97492     | ( EPA/ML 200.8 )           | Iron, Total, ICAP/MS           | ND     | ug/l    | 100    | 1        |
|                                          | 06/09/99 |           | ( ML/SM2320B )             | Bicarbonate as HCO3,calculated | 198    | mg/l    | 0.0010 | 1        |
| 06/15/99                                 | 06/15/99 | 97614     | ( ML/EPA 200.7 )           | Potassium, Total, ICAP         | 1.9    | mg/l    | 1.0    | 1        |
| 06/15/99                                 | 06/15/99 | 97619     | ( ML/EPA 200.7 )           | Magnesium, Total, ICAP         | 9.5    | mg/l    | 0.10   | 1        |
| 06/15/99                                 | 06/15/99 | 97621     | ( ML/EPA 200.7 )           | Sodium, Total, ICAP            | 36.6   | mg/l    | 1.0    | 1        |
|                                          | 05/28/99 | 97185     | ( ML/EPA 300.0 )           | Nitrate-N by IC                | 1.33   | mg/l    | 0.10   | 1        |
| 06/10/99                                 | 06/11/99 | 97493     | ( EPA/ML 200.8 )           | Lead, Total, ICAP/MS           | ND     | ug/l    | 2.0    | 1        |
|                                          | 06/01/99 | 96983     | ( ML/SM 4500HB)            | Lab pH                         | 8.1    | Units   | 0.0010 | 1        |
|                                          | 05/28/99 | 97186     | ( ML/EPA 300.0 )           | Sulfate                        | 17.8   | mg/l    | 2.0    | 1        |
|                                          | 06/03/99 | 97168     | ( ML/SM2540C )             | Total Dissolved Solid (TDS)    | 220    | mg/l    | 10     | 1        |
| <b>Regulated VOCs plus Lists 1&amp;3</b> |          |           |                            |                                |        |         |        |          |
|                                          | 06/03/99 | 97316     | ( ML/EPA 524.2 )           | 1,1,1,2-Tetrachloroethane      | ND     | ug/l    | 0.50   | 1        |
|                                          | 06/03/99 | 97316     | ( ML/EPA 524.2 )           | 1,1,1-Trichloroethane          | ND     | ug/l    | 0.50   | 1        |
|                                          | 06/03/99 | 97316     | ( ML/EPA 524.2 )           | 1,1,2,2-Tetrachloroethane      | ND     | ug/l    | 0.50   | 1        |
|                                          | 06/03/99 | 97316     | ( ML/EPA 524.2 )           | 1,1,2-Trichloroethane          | ND     | ug/l    | 0.50   | 1        |
|                                          | 06/03/99 | 97316     | ( ML/EPA 524.2 )           | 1,1-Dichloroethane             | ND     | ug/l    | 0.50   | 1        |
|                                          | 06/03/99 | 97316     | ( ML/EPA 524.2 )           | 1,1-Dichloroethylene           | ND     | ug/l    | 0.50   | 1        |
|                                          | 06/03/99 | 97316     | ( ML/EPA 524.2 )           | 1,1-Dichloropropene            | ND     | ug/l    | 0.50   | 1        |
|                                          | 06/03/99 | 97316     | ( ML/EPA 524.2 )           | 1,2,3-Trichlorobenzene         | ND     | ug/l    | 0.50   | 1        |

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**Laboratory****Report****#54685**Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method            | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|-------------------|---------------------------------|--------|-------|------|----------|
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | 1,2,3-Trichloropropane          | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | 1,2,4-Trichlorobenzene          | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | 1,2,4-Trimethylbenzene          | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | 1,2-Dichloroethane              | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | 1,2-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | 1,3,5-Trimethylbenzene          | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | 1,3-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | p-Dichlorobenzene (1,4-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | 2,2-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | 2-Butanone (MEK)                | ND     | ug/l  | 5.0  | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | o-Chlorotoluene                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | p-Chlorotoluene                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | 4-Methyl-2-Pentanone (MIBK)     | ND     | ug/l  | 5.0  | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Benzene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Bromobenzene                    | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Bromomethane (Methyl Bromide)   | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | cis-1,2-Dichloroethylene        | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Chlorobenzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Carbon Tetrachloride            | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | cis-1,3-Dichloropropene         | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Bromoform                       | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Chloroform (Trichloromethane)   | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Bromochloromethane              | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Chloroethane                    | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Chloromethane (Methyl Chloride) | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Chlorodibromomethane            | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Dibromomethane                  | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Bromodichloromethane            | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Dichloromethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Ethyl benzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/E524.2/624 ) | Dichlorodifluoromethane         | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Fluorotrichloromethane-Freon11  | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Hexachlorobutadiene             | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Isopropylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | m-Dichlorobenzene (1,3-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | m,p-Xylenes                     | ND     | ug/l  | 0.50 | 1        |

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1 800 566 LABS (1 800 566 5227)

**Laboratory****Report****#54685**Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method           | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|------------------|---------------------------------|--------|-------|------|----------|
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 ) | Naphthalene                     | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 ) | n-Butylbenzene                  | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 ) | n-Propylbenzene                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 ) | o-Xylene                        | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 ) | o-Dichlorobenzene (1,2-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 ) | Tetrachloroethylene (PCE)       | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 ) | p-Isopropyltoluene              | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 ) | sec-Butylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 ) | Styrene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 ) | trans-1,2-Dichloroethylene      | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 ) | tert-Butylbenzene               | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 ) | Trichloroethylene (TCE)         | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 ) | Trichlorotrifluoroethane (Freon | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 ) | trans-1,3-Dichloropropene       | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 ) | Toluene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 ) | Vinyl chloride (VC)             | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )    | None detected                   | ND     |       |      | 1        |
|          |          |           | ( Surrogate )    | 1,2-Dichloroethane-d4           | 113    | % Rec |      |          |
|          |          |           | ( Surrogate )    | 4-Bromofluorobenzene            | 95     | % Rec |      |          |
|          |          |           | ( Surrogate )    | Toluene-d8                      | 103    | % Rec |      |          |

**MW-992-011 (990528140)****Sampled on 05/28/99**

|          |          |       |                   |                                |      |         |        |   |
|----------|----------|-------|-------------------|--------------------------------|------|---------|--------|---|
|          | 06/07/99 | 97359 | ( ML/SM2320B )    | Alkalinity                     | 149  | mg/l    | 2.0    | 1 |
|          | 06/09/99 |       | ( ML/SM1040 )     | Anion Sum                      | 3.95 | meq/l   | 0.0010 | 1 |
| 06/10/99 | 06/14/99 | 97585 | ( S3113B/E200.9 ) | Arsenic, Total, GF             | ND   | mg/l    | 0.005  | 1 |
| 06/15/99 | 06/15/99 | 97612 | ( ML/EPA 200.7 )  | Calcium, Total, ICAP           | 26.4 | mg/l    | 1.0    | 1 |
|          | 06/16/99 |       | ( ML/SM1040 )     | Cation Sum                     | 4.01 | meq/l   | 0.0010 | 1 |
|          | 05/28/99 | 97182 | ( ML/EPA 300 )    | Chloride                       | 16.1 | mg/l    | 1.0    | 1 |
|          | 06/16/99 | 97644 | ( MOD/EPA 300 )   | Perchlorate                    | ND   | ug/l    | 4.0    | 1 |
|          | 06/09/99 |       | ( ML/SM2320B )    | Carbonate as CO3, Calculated   | 2.35 | mg/l    | 0.0010 | 1 |
| 06/10/99 | 06/11/99 | 97491 | ( EPA/ML 200.8 )  | Chromium, Total, ICAP/MS       | ND   | ug/l    | 10     | 1 |
|          | 05/28/99 | 96897 | ( ML/SW 7196 )    | Hexavalent chromium (Cr VI)    | ND   | mg/l    | 0.005  | 1 |
|          | 06/02/99 | 96993 | ( ML/S2510B )     | Specific Conductance           | 345  | umho/cm | 4.0    | 1 |
| 06/10/99 | 06/11/99 | 97492 | ( EPA/ML 200.8 )  | Iron, Total, ICAP/MS           | 350  | ug/l    | 100    | 1 |
|          | 06/09/99 |       | ( ML/SM2320B )    | Bicarbonate as HCO3,calculated | 181  | mg/l    | 0.0010 | 1 |
| 06/15/99 | 06/15/99 | 97614 | ( ML/EPA 200.7 )  | Potassium, Total, ICAP         | 1.8  | mg/l    | 1.0    | 1 |

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Pasadena, California 91101

Tel: 626 568 6400 Fax: 626 568 6324

1 800 566 LABS (1 800 566 5227)

**Laboratory****Report****#54685**Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method           | Analyte                     | Result | Units | MRL    | Dilution |
|----------|----------|-----------|------------------|-----------------------------|--------|-------|--------|----------|
| 06/15/99 | 06/15/99 | 97619     | ( ML/EPA 200.7 ) | Magnesium, Total, ICAP      | 10.5   | mg/l  | 0.10   | 1        |
| 06/15/99 | 06/15/99 | 97621     | ( ML/EPA 200.7 ) | Sodium, Total, ICAP         | 41.0   | mg/l  | 1.0    | 1        |
|          | 05/28/99 | 97185     | ( ML/EPA 300.0 ) | Nitrate-N by IC             | 4.84   | mg/l  | 0.10   | 1        |
| 06/10/99 | 06/11/99 | 97493     | ( EPA/ML 200.8 ) | Lead, Total, ICAP/MS        | ND     | ug/l  | 2.0    | 1        |
|          | 06/01/99 | 96983     | ( ML/SM 4500HB)  | Lab pH                      | 8.3    | Units | 0.0010 | 1        |
|          | 05/28/99 | 97186     | ( ML/EPA 300.0 ) | Sulfate                     | 8.21   | mg/l  | 2.0    | 1        |
|          | 06/03/99 | 97168     | ( ML/SM2540C )   | Total Dissolved Solid (TDS) | 220    | mg/l  | 10     | 1        |

**Regulated VOCs plus Lists 1&3**

|          |       |                  |                               |    |      |      |   |
|----------|-------|------------------|-------------------------------|----|------|------|---|
| 06/03/99 | 97316 | ( ML/EPA 524.2 ) | 1,1,1,2-Tetrachloroethane     | ND | ug/l | 0.50 | 1 |
| 06/03/99 | 97316 | ( ML/EPA 524.2 ) | 1,1,1-Trichloroethane         | ND | ug/l | 0.50 | 1 |
| 06/03/99 | 97316 | ( ML/EPA 524.2 ) | 1,1,2,2-Tetrachloroethane     | ND | ug/l | 0.50 | 1 |
| 06/03/99 | 97316 | ( ML/EPA 524.2 ) | 1,1,2-Trichloroethane         | ND | ug/l | 0.50 | 1 |
| 06/03/99 | 97316 | ( ML/EPA 524.2 ) | 1,1-Dichloroethane            | ND | ug/l | 0.50 | 1 |
| 06/03/99 | 97316 | ( ML/EPA 524.2 ) | 1,1-Dichloroethylene          | ND | ug/l | 0.50 | 1 |
| 06/03/99 | 97316 | ( ML/EPA 524.2 ) | 1,1-Dichloropropene           | ND | ug/l | 0.50 | 1 |
| 06/03/99 | 97316 | ( ML/EPA 524.2 ) | 1,2,3-Trichlorobenzene        | ND | ug/l | 0.50 | 1 |
| 06/03/99 | 97316 | ( ML/EPA 524.2 ) | 1,2,3-Trichloropropane        | ND | ug/l | 0.50 | 1 |
| 06/03/99 | 97316 | ( ML/EPA 524.2 ) | 1,2,4-Trichlorobenzene        | ND | ug/l | 0.50 | 1 |
| 06/03/99 | 97316 | ( ML/EPA 524.2 ) | 1,2,4-Trimethylbenzene        | ND | ug/l | 0.50 | 1 |
| 06/03/99 | 97316 | ( ML/EPA 524.2 ) | 1,2-Dichloroethane            | ND | ug/l | 0.50 | 1 |
| 06/03/99 | 97316 | ( ML/EPA 524.2 ) | 1,2-Dichloropropane           | ND | ug/l | 0.50 | 1 |
| 06/03/99 | 97316 | ( ML/EPA 524.2 ) | 1,3,5-Trimethylbenzene        | ND | ug/l | 0.50 | 1 |
| 06/03/99 | 97316 | ( ML/EPA 524.2 ) | 1,3-Dichloropropane           | ND | ug/l | 0.50 | 1 |
| 06/03/99 | 97316 | ( ML/EPA 524.2 ) | p-Dichlorobenzene (1,4-DCB)   | ND | ug/l | 0.50 | 1 |
| 06/03/99 | 97316 | ( ML/EPA 524.2 ) | 2,2-Dichloropropane           | ND | ug/l | 0.50 | 1 |
| 06/03/99 | 97316 | ( ML/EPA 524.2 ) | 2-Butanone (MEK)              | ND | ug/l | 5.0  | 1 |
| 06/03/99 | 97316 | ( ML/EPA 524.2 ) | o-Chlorotoluene               | ND | ug/l | 0.50 | 1 |
| 06/03/99 | 97316 | ( ML/EPA 524.2 ) | p-Chlorotoluene               | ND | ug/l | 0.50 | 1 |
| 06/03/99 | 97316 | ( ML/EPA 524.2 ) | 4-Methyl-2-Pentanone (MIBK)   | ND | ug/l | 5.0  | 1 |
| 06/03/99 | 97316 | ( ML/EPA 524.2 ) | Benzene                       | ND | ug/l | 0.50 | 1 |
| 06/03/99 | 97316 | ( ML/EPA 524.2 ) | Bromobenzene                  | ND | ug/l | 0.50 | 1 |
| 06/03/99 | 97316 | ( ML/EPA 524.2 ) | Bromomethane (Methyl Bromide) | ND | ug/l | 0.50 | 1 |
| 06/03/99 | 97316 | ( ML/EPA 524.2 ) | cis-1,2-Dichloroethylene      | ND | ug/l | 0.50 | 1 |
| 06/03/99 | 97316 | ( ML/EPA 524.2 ) | Chlorobenzene                 | ND | ug/l | 0.50 | 1 |
| 06/03/99 | 97316 | ( ML/EPA 524.2 ) | Carbon Tetrachloride          | ND | ug/l | 0.50 | 1 |

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**Laboratory****Report****#54685****Foster Wheeler Environmental, Inc**  
(continued)

| Prepared | Analyzed | QC Batch# | Method            | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|-------------------|---------------------------------|--------|-------|------|----------|
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | cis-1,3-Dichloropropene         | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Bromoform                       | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Chloroform (Trichloromethane)   | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Bromochloromethane              | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Chloroethane                    | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Chloromethane (Methyl Chloride) | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Chlorodibromomethane            | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Dibromomethane                  | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Bromodichloromethane            | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Dichloromethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Ethyl benzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/E524.2/624 ) | Dichlorodifluoromethane         | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Fluorotrichloromethane-Freon11  | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Hexachlorobutadiene             | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Isopropylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | m-Dichlorobenzene (1,3-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | m,p-Xylenes                     | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Naphthalene                     | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | n-Butylbenzene                  | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | n-Propylbenzene                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | o-Xylene                        | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | o-Dichlorobenzene (1,2-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Tetrachloroethylene (PCE)       | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | p-Isopropyltoluene              | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | sec-Butylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Styrene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | trans-1,2-Dichloroethylene      | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | tert-Butylbenzene               | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Trichloroethylene (TCE)         | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Trichlorotrifluoroethane (Freon | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | trans-1,3-Dichloropropene       | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Toluene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Vinyl chloride (VC)             | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )     | None detected                   | ND     |       |      | 1        |
|          |          |           | ( Surrogate )     | 1,2-Dichloroethane-d4           | 107    | % Rec |      |          |
|          |          |           | ( Surrogate )     | 4-Bromofluorobenzene            | 98     | % Rec |      |          |

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**Laboratory  
 Report  
 #54685**

Foster Wheeler Environmental, Inc  
 (continued)

| Prepared                                 | Analyzed | QC Batch# | Method            | Analyte                        | Result | Units   | MRL    | Dilution |
|------------------------------------------|----------|-----------|-------------------|--------------------------------|--------|---------|--------|----------|
|                                          |          |           | ( Surrogate )     | Toluene-d8                     | 103    | % Rec   |        |          |
| <b>MW-992-010 (990528141)</b>            |          |           |                   | <b>Sampled on 05/28/99</b>     |        |         |        |          |
|                                          | 06/07/99 | 97359     | ( ML/SM2320B )    | Alkalinity                     | 137    | mg/l    | 2.0    | 1        |
|                                          | 06/09/99 |           | ( ML/SM1040 )     | Anion Sum                      | 3.67   | meq/l   | 0.0010 | 1        |
| 06/10/99                                 | 06/14/99 | 97585     | ( S3113B/E200.9 ) | Arsenic, Total, GF             | ND     | mg/l    | 0.005  | 1        |
| 06/15/99                                 | 06/15/99 | 97612     | ( ML/EPA 200.7 )  | Calcium, Total, ICAP           | 20.8   | mg/l    | 1.0    | 1        |
|                                          | 06/16/99 |           | ( ML/SM1040 )     | Cation Sum                     | 3.75   | meq/l   | 0.0010 | 1        |
|                                          | 05/28/99 | 97182     | ( ML/EPA 300 )    | Chloride                       | 24.1   | mg/l    | 1.0    | 1        |
|                                          | 06/16/99 | 97644     | ( MOD/EPA 300 )   | Perchlorate                    | ND     | ug/l    | 4.0    | 1        |
|                                          | 06/09/99 |           | ( ML/SM2320B )    | Carbonate as CO3, Calculated   | 3.41   | mg/l    | 0.0010 | 1        |
| 06/10/99                                 | 06/11/99 | 97491     | ( EPA/ML 200.8 )  | Chromium, Total, ICAP/MS       | ND     | ug/l    | 10     | 1        |
|                                          | 05/28/99 | 96897     | ( ML/SW 7196 )    | Hexavalent chromium (Cr VI)    | ND     | mg/l    | 0.005  | 1        |
|                                          | 06/02/99 | 96993     | ( ML/S2510B )     | Specific Conductance           | 325    | umho/cm | 4.0    | 1        |
| 06/10/99                                 | 06/11/99 | 97492     | ( EPA/ML 200.8 )  | Iron, Total, ICAP/MS           | 300    | ug/l    | 100    | 1        |
|                                          | 06/09/99 |           | ( ML/SM2320B )    | Bicarbonate as HCO3,calculated | 166    | mg/l    | 0.0010 | 1        |
| 06/15/99                                 | 06/15/99 | 97614     | ( ML/EPA 200.7 )  | Potassium, Total, ICAP         | 2.0    | mg/l    | 1.0    | 1        |
| 06/15/99                                 | 06/15/99 | 97619     | ( ML/EPA 200.7 )  | Magnesium, Total, ICAP         | 13.7   | mg/l    | 0.10   | 1        |
| 06/15/99                                 | 06/15/99 | 97621     | ( ML/EPA 200.7 )  | Sodium, Total, ICAP            | 35.3   | mg/l    | 1.0    | 1        |
|                                          | 05/28/99 | 97185     | ( ML/EPA 300.0 )  | Nitrate-N by IC                | 0.68   | mg/l    | 0.10   | 1        |
| 06/10/99                                 | 06/11/99 | 97493     | ( EPA/ML 200.8 )  | Lead, Total, ICAP/MS           | ND     | ug/l    | 2.0    | 1        |
|                                          | 06/01/99 | 96983     | ( ML/SM 4500HB)   | Lab pH                         | 8.5    | Units   | 0.0010 | 1        |
|                                          | 05/28/99 | 97186     | ( ML/EPA 300.0 )  | Sulfate                        | 9.68   | mg/l    | 2.0    | 1        |
|                                          | 06/03/99 | 97168     | ( ML/SM2540C )    | Total Dissolved Solid (TDS)    | 190    | mg/l    | 10     | 1        |
| <b>Regulated VOCs plus Lists 1&amp;3</b> |          |           |                   |                                |        |         |        |          |
|                                          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | 1,1,1,2-Tetrachloroethane      | ND     | ug/l    | 0.50   | 1        |
|                                          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | 1,1,1-Trichloroethane          | ND     | ug/l    | 0.50   | 1        |
|                                          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | 1,1,2,2-Tetrachloroethane      | ND     | ug/l    | 0.50   | 1        |
|                                          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | 1,1,2-Trichloroethane          | ND     | ug/l    | 0.50   | 1        |
|                                          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | 1,1-Dichloroethane             | ND     | ug/l    | 0.50   | 1        |
|                                          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | 1,1-Dichloroethylene           | ND     | ug/l    | 0.50   | 1        |
|                                          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | 1,1-Dichloropropene            | ND     | ug/l    | 0.50   | 1        |
|                                          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | 1,2,3-Trichlorobenzene         | ND     | ug/l    | 0.50   | 1        |
|                                          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | 1,2,3-Trichloropropane         | ND     | ug/l    | 0.50   | 1        |
|                                          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | 1,2,4-Trichlorobenzene         | ND     | ug/l    | 0.50   | 1        |

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**Laboratory****Report****#54685****Foster Wheeler Environmental, Inc**  
(continued)

| Prepared | Analyzed | QC Batch# | Method            | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|-------------------|---------------------------------|--------|-------|------|----------|
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | 1,2,4-Trimethylbenzene          | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | 1,2-Dichloroethane              | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | 1,2-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | 1,3,5-Trimethylbenzene          | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | 1,3-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | p-Dichlorobenzene (1,4-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | 2,2-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | 2-Butanone (MEK)                | ND     | ug/l  | 5.0  | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | o-Chlorotoluene                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | p-Chlorotoluene                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | 4-Methyl-2-Pentanone (MIBK)     | ND     | ug/l  | 5.0  | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Benzene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Bromobenzene                    | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Bromomethane (Methyl Bromide)   | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | cis-1,2-Dichloroethylene        | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Chlorobenzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Carbon Tetrachloride            | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | cis-1,3-Dichloropropene         | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Bromoform                       | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Chloroform (Trichloromethane)   | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Bromochloromethane              | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Chloroethane                    | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Chloromethane (Methyl Chloride) | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Chlorodibromomethane            | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Dibromomethane                  | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Bromodichloromethane            | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Dichloromethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Ethyl benzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/E524.2/624 ) | Dichlorodifluoromethane         | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Fluorotrichloromethane-Freon11  | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Hexachlorobutadiene             | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Isopropylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | m-Dichlorobenzene (1,3-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | m,p-Xylenes                     | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Naphthalene                     | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | n-Butylbenzene                  | ND     | ug/l  | 0.50 | 1        |

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**Laboratory****Report****#54685**Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method           | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|------------------|---------------------------------|--------|-------|------|----------|
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 ) | n-Propylbenzene                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 ) | o-Xylene                        | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 ) | o-Dichlorobenzene (1,2-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 ) | Tetrachloroethylene (PCE)       | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 ) | p-Isopropyltoluene              | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 ) | sec-Butylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 ) | Styrene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 ) | trans-1,2-Dichloroethylene      | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 ) | tert-Butylbenzene               | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 ) | Trichloroethylene (TCE)         | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 ) | Trichlorotrifluoroethane (Freon | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 ) | trans-1,3-Dichloropropene       | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 ) | Toluene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 ) | Vinyl chloride (VC)             | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )    | None detected                   | ND     |       |      | 1        |
|          |          |           | ( Surrogate )    | 1,2-Dichloroethane-d4           | 108    | % Rec |      |          |
|          |          |           | ( Surrogate )    | 4-Bromofluorobenzene            | 91     | % Rec |      |          |
|          |          |           | ( Surrogate )    | Toluene-d8                      | 107    | % Rec |      |          |

**MW-992-007 (990528142) Sampled on 05/28/99**

|          |          |       |                   |                                |       |         |        |   |
|----------|----------|-------|-------------------|--------------------------------|-------|---------|--------|---|
|          | 06/07/99 | 97359 | ( ML/SM2320B )    | Alkalinity                     | 164   | mg/l    | 2.0    | 1 |
|          | 06/09/99 |       | ( ML/SM1040 )     | Anion Sum                      | 4.29  | meq/l   | 0.0010 | 1 |
| 06/10/99 | 06/14/99 | 97585 | ( S3113B/E200.9 ) | Arsenic, Total, GF             | ND    | mg/l    | 0.005  | 1 |
| 06/15/99 | 06/15/99 | 97612 | ( ML/EPA 200.7 )  | Calcium, Total, ICAP           | 43.6  | mg/l    | 1.0    | 1 |
|          | 06/16/99 |       | ( ML/SM1040 )     | Cation Sum                     | 4.40  | meq/l   | 0.0010 | 1 |
|          | 05/28/99 | 97182 | ( ML/EPA 300 )    | Chloride                       | 9.67  | mg/l    | 1.0    | 1 |
|          | 06/16/99 | 97644 | ( MOD/EPA 300 )   | Perchlorate                    | ND    | ug/l    | 4.0    | 1 |
|          | 06/09/99 |       | ( ML/SM2320B )    | Carbonate as CO3, Calculated   | 0.206 | mg/l    | 0.0010 | 1 |
| 06/10/99 | 06/11/99 | 97491 | ( EPA/ML 200.8 )  | Chromium, Total, ICAP/MS       | ND    | ug/l    | 10     | 1 |
|          | 05/28/99 | 96897 | ( ML/SW 7196 )    | Hexavalent chromium (Cr VI)    | ND    | mg/l    | 0.005  | 1 |
|          | 06/02/99 | 96993 | ( ML/S2510B )     | Specific Conductance           | 375   | umho/cm | 4.0    | 1 |
| 06/10/99 | 06/11/99 | 97492 | ( EPA/ML 200.8 )  | Iron, Total, ICAP/MS           | 340   | ug/l    | 100    | 1 |
|          | 06/09/99 |       | ( ML/SM2320B )    | Bicarbonate as HCO3,calculated | 200   | mg/l    | 0.0010 | 1 |
| 06/15/99 | 06/15/99 | 97614 | ( ML/EPA 200.7 )  | Potassium, Total, ICAP         | 2.6   | mg/l    | 1.0    | 1 |
| 06/15/99 | 06/15/99 | 97619 | ( ML/EPA 200.7 )  | Magnesium, Total, ICAP         | 14.6  | mg/l    | 0.10   | 1 |
| 06/15/99 | 06/15/99 | 97621 | ( ML/EPA 200.7 )  | Sodium, Total, ICAP            | 21.9  | mg/l    | 1.0    | 1 |



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**Laboratory****Report****#54685**Foster Wheeler Environmental, Inc  
(continued)

| Prepared                                 | Analyzed | QC Batch# | Method           | Analyte                       | Result | Units | MRL    | Dilution |
|------------------------------------------|----------|-----------|------------------|-------------------------------|--------|-------|--------|----------|
| 06/10/99                                 | 05/28/99 | 97185     | ( ML/EPA 300.0 ) | Nitrate-N by IC               | 0.62   | mg/l  | 0.10   | 1        |
|                                          | 06/11/99 | 97493     | ( EPA/ML 200.8 ) | Lead, Total, ICAP/MS          | ND     | ug/l  | 2.0    | 1        |
|                                          | 06/01/99 | 96983     | ( ML/SM 4500HB)  | Lab pH                        | 7.2    | Units | 0.0010 | 1        |
|                                          | 05/28/99 | 97186     | ( ML/EPA 300.0 ) | Sulfate                       | 33.3   | mg/l  | 2.0    | 1        |
|                                          | 06/03/99 | 97168     | ( ML/SM2540C )   | Total Dissolved Solid (TDS)   | 230    | mg/l  | 10     | 1        |
| <b>Regulated VOCs plus Lists 1&amp;3</b> |          |           |                  |                               |        |       |        |          |
|                                          | 06/03/99 | 97316     | ( ML/EPA 524.2 ) | 1,1,1,2-Tetrachloroethane     | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/03/99 | 97316     | ( ML/EPA 524.2 ) | 1,1,1-Trichloroethane         | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/03/99 | 97316     | ( ML/EPA 524.2 ) | 1,1,2,2-Tetrachloroethane     | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/03/99 | 97316     | ( ML/EPA 524.2 ) | 1,1,2-Trichloroethane         | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/03/99 | 97316     | ( ML/EPA 524.2 ) | 1,1-Dichloroethane            | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/03/99 | 97316     | ( ML/EPA 524.2 ) | 1,1-Dichloroethylene          | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/03/99 | 97316     | ( ML/EPA 524.2 ) | 1,1-Dichloropropene           | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/03/99 | 97316     | ( ML/EPA 524.2 ) | 1,2,3-Trichlorobenzene        | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/03/99 | 97316     | ( ML/EPA 524.2 ) | 1,2,3-Trichloropropane        | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/03/99 | 97316     | ( ML/EPA 524.2 ) | 1,2,4-Trichlorobenzene        | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/03/99 | 97316     | ( ML/EPA 524.2 ) | 1,2,4-Trimethylbenzene        | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/03/99 | 97316     | ( ML/EPA 524.2 ) | 1,2-Dichloroethane            | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/03/99 | 97316     | ( ML/EPA 524.2 ) | 1,2-Dichloropropane           | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/03/99 | 97316     | ( ML/EPA 524.2 ) | 1,3,5-Trimethylbenzene        | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/03/99 | 97316     | ( ML/EPA 524.2 ) | 1,3-Dichloropropane           | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/03/99 | 97316     | ( ML/EPA 524.2 ) | p-Dichlorobenzene (1,4-DCB)   | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/03/99 | 97316     | ( ML/EPA 524.2 ) | 2,2-Dichloropropane           | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/03/99 | 97316     | ( ML/EPA 524.2 ) | 2-Butanone (MEK)              | ND     | ug/l  | 5.0    | 1        |
|                                          | 06/03/99 | 97316     | ( ML/EPA 524.2 ) | o-Chlorotoluene               | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/03/99 | 97316     | ( ML/EPA 524.2 ) | p-Chlorotoluene               | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/03/99 | 97316     | ( ML/EPA 524.2 ) | 4-Methyl-2-Pentanone (MIBK)   | ND     | ug/l  | 5.0    | 1        |
|                                          | 06/03/99 | 97316     | ( ML/EPA 524.2 ) | Benzene                       | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/03/99 | 97316     | ( ML/EPA 524.2 ) | Bromobenzene                  | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/03/99 | 97316     | ( ML/EPA 524.2 ) | Bromomethane (Methyl Bromide) | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/03/99 | 97316     | ( ML/EPA 524.2 ) | cis-1,2-Dichloroethylene      | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/03/99 | 97316     | ( ML/EPA 524.2 ) | Chlorobenzene                 | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/03/99 | 97316     | ( ML/EPA 524.2 ) | Carbon Tetrachloride          | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/03/99 | 97316     | ( ML/EPA 524.2 ) | cis-1,3-Dichloropropene       | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/03/99 | 97316     | ( ML/EPA 524.2 ) | Bromoform                     | ND     | ug/l  | 0.50   | 1        |

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**Laboratory****Report****#54685**Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method            | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|-------------------|---------------------------------|--------|-------|------|----------|
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Chloroform (Trichloromethane)   | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Bromochloromethane              | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Chloroethane                    | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Chloromethane (Methyl Chloride) | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Chlorodibromomethane            | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Dibromomethane                  | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Bromodichloromethane            | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Dichloromethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Ethyl benzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/E524.2/624 ) | Dichlorodifluoromethane         | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Fluorotrichloromethane-Freon11  | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Hexachlorobutadiene             | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Isopropylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | m-Dichlorobenzene (1,3-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | m,p-Xylenes                     | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Naphthalene                     | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | n-Butylbenzene                  | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | n-Propylbenzene                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | o-Xylene                        | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | o-Dichlorobenzene (1,2-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Tetrachloroethylene (PCE)       | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | p-Isopropyltoluene              | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | sec-Butylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Styrene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | trans-1,2-Dichloroethylene      | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | tert-Butylbenzene               | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Trichloroethylene (TCE)         | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Trichlorotrifluoroethane (Freon | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | trans-1,3-Dichloropropene       | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Toluene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Vinyl chloride (VC)             | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )     | None detected                   | ND     |       |      | 1        |
|          |          |           | ( Surrogate )     | 1,2-Dichloroethane-d4           | 107    | % Rec |      |          |
|          |          |           | ( Surrogate )     | 4-Bromofluorobenzene            | 104    | % Rec |      |          |
|          |          |           | ( Surrogate )     | Toluene-d8                      | 103    | % Rec |      |          |

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**Laboratory****Report****#54685**Foster Wheeler Environmental, Inc  
(continued)

| Prepared                      | Analyzed | QC Batch# | Method              | Analyte                       | Result | Units | MRL   | Dilution |
|-------------------------------|----------|-----------|---------------------|-------------------------------|--------|-------|-------|----------|
| MW-992-101 (990528143)        |          |           | Sampled on 05/28/99 |                               |        |       |       |          |
| 06/10/99                      | 06/14/99 | 97585     | ( S3113B/E200.9 )   | Arsenic, Total, GF            | ND     | mg/l  | 0.005 | 1        |
|                               | 06/16/99 | 97644     | ( MOD/EPA 300 )     | Perchlorate                   | ND     | ug/l  | 4.0   | 1        |
| 06/10/99                      | 06/11/99 | 97491     | ( EPA/ML 200.8 )    | Chromium, Total, ICAP/MS      | ND     | ug/l  | 10    | 1        |
|                               | 05/28/99 | 96897     | ( ML/SW 7196 )      | Hexavalent chromium (Cr VI)   | ND     | mg/l  | 0.005 | 1        |
| 06/10/99                      | 06/11/99 | 97493     | ( EPA/ML 200.8 )    | Lead, Total, ICAP/MS          | ND     | ug/l  | 2.0   | 1        |
| Regulated VOCs plus Lists 1&3 |          |           |                     |                               |        |       |       |          |
|                               | 06/03/99 | 97316     | ( ML/EPA 524.2 )    | 1,1,1,2-Tetrachloroethane     | ND     | ug/l  | 0.50  | 1        |
|                               | 06/03/99 | 97316     | ( ML/EPA 524.2 )    | 1,1,1-Trichloroethane         | ND     | ug/l  | 0.50  | 1        |
|                               | 06/03/99 | 97316     | ( ML/EPA 524.2 )    | 1,1,2,2-Tetrachloroethane     | ND     | ug/l  | 0.50  | 1        |
|                               | 06/03/99 | 97316     | ( ML/EPA 524.2 )    | 1,1,2-Trichloroethane         | ND     | ug/l  | 0.50  | 1        |
|                               | 06/03/99 | 97316     | ( ML/EPA 524.2 )    | 1,1-Dichloroethane            | ND     | ug/l  | 0.50  | 1        |
|                               | 06/03/99 | 97316     | ( ML/EPA 524.2 )    | 1,1-Dichloroethylene          | ND     | ug/l  | 0.50  | 1        |
|                               | 06/03/99 | 97316     | ( ML/EPA 524.2 )    | 1,1-Dichloropropene           | ND     | ug/l  | 0.50  | 1        |
|                               | 06/03/99 | 97316     | ( ML/EPA 524.2 )    | 1,2,3-Trichlorobenzene        | ND     | ug/l  | 0.50  | 1        |
|                               | 06/03/99 | 97316     | ( ML/EPA 524.2 )    | 1,2,3-Trichloropropane        | ND     | ug/l  | 0.50  | 1        |
|                               | 06/03/99 | 97316     | ( ML/EPA 524.2 )    | 1,2,4-Trichlorobenzene        | ND     | ug/l  | 0.50  | 1        |
|                               | 06/03/99 | 97316     | ( ML/EPA 524.2 )    | 1,2,4-Trimethylbenzene        | ND     | ug/l  | 0.50  | 1        |
|                               | 06/03/99 | 97316     | ( ML/EPA 524.2 )    | 1,2-Dichloroethane            | ND     | ug/l  | 0.50  | 1        |
|                               | 06/03/99 | 97316     | ( ML/EPA 524.2 )    | 1,2-Dichloropropane           | ND     | ug/l  | 0.50  | 1        |
|                               | 06/03/99 | 97316     | ( ML/EPA 524.2 )    | 1,3,5-Trimethylbenzene        | ND     | ug/l  | 0.50  | 1        |
|                               | 06/03/99 | 97316     | ( ML/EPA 524.2 )    | 1,3-Dichloropropane           | ND     | ug/l  | 0.50  | 1        |
|                               | 06/03/99 | 97316     | ( ML/EPA 524.2 )    | p-Dichlorobenzene (1,4-DCB)   | ND     | ug/l  | 0.50  | 1        |
|                               | 06/03/99 | 97316     | ( ML/EPA 524.2 )    | 2,2-Dichloropropane           | ND     | ug/l  | 0.50  | 1        |
|                               | 06/03/99 | 97316     | ( ML/EPA 524.2 )    | 2-Butanone (MEK)              | ND     | ug/l  | 5.0   | 1        |
|                               | 06/03/99 | 97316     | ( ML/EPA 524.2 )    | o-Chlorotoluene               | ND     | ug/l  | 0.50  | 1        |
|                               | 06/03/99 | 97316     | ( ML/EPA 524.2 )    | p-Chlorotoluene               | ND     | ug/l  | 0.50  | 1        |
|                               | 06/03/99 | 97316     | ( ML/EPA 524.2 )    | 4-Methyl-2-Pentanone (MIBK)   | ND     | ug/l  | 5.0   | 1        |
|                               | 06/03/99 | 97316     | ( ML/EPA 524.2 )    | Benzene                       | ND     | ug/l  | 0.50  | 1        |
|                               | 06/03/99 | 97316     | ( ML/EPA 524.2 )    | Bromobenzene                  | ND     | ug/l  | 0.50  | 1        |
|                               | 06/03/99 | 97316     | ( ML/EPA 524.2 )    | Bromomethane (Methyl Bromide) | ND     | ug/l  | 0.50  | 1        |
|                               | 06/03/99 | 97316     | ( ML/EPA 524.2 )    | cis-1,2-Dichloroethylene      | ND     | ug/l  | 0.50  | 1        |
|                               | 06/03/99 | 97316     | ( ML/EPA 524.2 )    | Chlorobenzene                 | ND     | ug/l  | 0.50  | 1        |
|                               | 06/03/99 | 97316     | ( ML/EPA 524.2 )    | Carbon Tetrachloride          | ND     | ug/l  | 0.50  | 1        |

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**Laboratory  
 Report  
 #54685**

Foster Wheeler Environmental, Inc  
 (continued)

| Prepared | Analyzed | QC Batch# | Method            | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|-------------------|---------------------------------|--------|-------|------|----------|
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | cis-1,3-Dichloropropene         | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Bromoform                       | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Chloroform (Trichloromethane)   | 1.1    | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Bromochloromethane              | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Chloroethane                    | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Chloromethane (Methyl Chloride) | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Chlorodibromomethane            | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Dibromomethane                  | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Bromodichloromethane            | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Dichloromethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Ethyl benzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/E524.2/624 ) | Dichlorodifluoromethane         | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Fluorotrichloromethane-Freon11  | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Hexachlorobutadiene             | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Isopropylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | m-Dichlorobenzene (1,3-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | m,p-Xylenes                     | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Naphthalene                     | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | n-Butylbenzene                  | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | n-Propylbenzene                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | o-Xylene                        | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | o-Dichlorobenzene (1,2-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Tetrachloroethylene (PCE)       | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | p-Isopropyltoluene              | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | sec-Butylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Styrene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | trans-1,2-Dichloroethylene      | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | tert-Butylbenzene               | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Trichloroethylene (TCE)         | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Trichlorotrifluoroethane (Freon | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | trans-1,3-Dichloropropene       | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Toluene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97316     | ( ML/EPA 524.2 )  | Vinyl chloride (VC)             | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )     | None detected                   | ND     |       |      | 1        |
|          |          |           | ( Surrogate )     | 1,2-Dichloroethane-d4           | 100    | % Rec |      |          |
|          |          |           | ( Surrogate )     | 4-Bromofluorobenzene            | 98     | % Rec |      |          |

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**Laboratory****Report****#54685**Foster Wheeler Environmental, Inc  
(continued)

| Prepared                                        | Analyzed | QC Batch# | Method           | Analyte                       | Result | Units | MRL  | Dilution |
|-------------------------------------------------|----------|-----------|------------------|-------------------------------|--------|-------|------|----------|
|                                                 |          |           | ( Surrogate )    | Toluene-d8                    | 99     | % Rec |      |          |
| MW-992-102 (990528144)      Sampled on 05/28/99 |          |           |                  |                               |        |       |      |          |
| Regulated VOCs plus Lists 1&3                   |          |           |                  |                               |        |       |      |          |
| 06/03/99                                        | 97321    |           | ( ML/EPA 524.2 ) | 1,1,1,2-Tetrachloroethane     | ND     | ug/l  | 0.50 | 1        |
| 06/03/99                                        | 97321    |           | ( ML/EPA 524.2 ) | 1,1,1-Trichloroethane         | ND     | ug/l  | 0.50 | 1        |
| 06/03/99                                        | 97321    |           | ( ML/EPA 524.2 ) | 1,1,2,2-Tetrachloroethane     | ND     | ug/l  | 0.50 | 1        |
| 06/03/99                                        | 97321    |           | ( ML/EPA 524.2 ) | 1,1,2-Trichloroethane         | ND     | ug/l  | 0.50 | 1        |
| 06/03/99                                        | 97321    |           | ( ML/EPA 524.2 ) | 1,1-Dichloroethane            | ND     | ug/l  | 0.50 | 1        |
| 06/03/99                                        | 97321    |           | ( ML/EPA 524.2 ) | 1,1-Dichloroethylene          | ND     | ug/l  | 0.50 | 1        |
| 06/03/99                                        | 97321    |           | ( ML/EPA 524.2 ) | 1,1-Dichloropropene           | ND     | ug/l  | 0.50 | 1        |
| 06/03/99                                        | 97321    |           | ( ML/EPA 524.2 ) | 1,2,3-Trichlorobenzene        | ND     | ug/l  | 0.50 | 1        |
| 06/03/99                                        | 97321    |           | ( ML/EPA 524.2 ) | 1,2,3-Trichloropropane        | ND     | ug/l  | 0.50 | 1        |
| 06/03/99                                        | 97321    |           | ( ML/EPA 524.2 ) | 1,2,4-Trichlorobenzene        | ND     | ug/l  | 0.50 | 1        |
| 06/03/99                                        | 97321    |           | ( ML/EPA 524.2 ) | 1,2,4-Trimethylbenzene        | ND     | ug/l  | 0.50 | 1        |
| 06/03/99                                        | 97321    |           | ( ML/EPA 524.2 ) | 1,2-Dichloroethane            | ND     | ug/l  | 0.50 | 1        |
| 06/03/99                                        | 97321    |           | ( ML/EPA 524.2 ) | 1,2-Dichloropropane           | ND     | ug/l  | 0.50 | 1        |
| 06/03/99                                        | 97321    |           | ( ML/EPA 524.2 ) | 1,3,5-Trimethylbenzene        | ND     | ug/l  | 0.50 | 1        |
| 06/03/99                                        | 97321    |           | ( ML/EPA 524.2 ) | 1,3-Dichloropropane           | ND     | ug/l  | 0.50 | 1        |
| 06/03/99                                        | 97321    |           | ( ML/EPA 524.2 ) | p-Dichlorobenzene (1,4-DCB)   | ND     | ug/l  | 0.50 | 1        |
| 06/03/99                                        | 97321    |           | ( ML/EPA 524.2 ) | 2,2-Dichloropropane           | ND     | ug/l  | 0.50 | 1        |
| 06/03/99                                        | 97321    |           | ( ML/EPA 524.2 ) | 2-Butanone (MEK)              | ND     | ug/l  | 5.0  | 1        |
| 06/03/99                                        | 97321    |           | ( ML/EPA 524.2 ) | o-Chlorotoluene               | ND     | ug/l  | 0.50 | 1        |
| 06/03/99                                        | 97321    |           | ( ML/EPA 524.2 ) | p-Chlorotoluene               | ND     | ug/l  | 0.50 | 1        |
| 06/03/99                                        | 97321    |           | ( ML/EPA 524.2 ) | 4-Methyl-2-Pentanone (MIBK)   | ND     | ug/l  | 5.0  | 1        |
| 06/03/99                                        | 97321    |           | ( ML/EPA 524.2 ) | Benzene                       | ND     | ug/l  | 0.50 | 1        |
| 06/03/99                                        | 97321    |           | ( ML/EPA 524.2 ) | Bromobenzene                  | ND     | ug/l  | 0.50 | 1        |
| 06/03/99                                        | 97321    |           | ( ML/EPA 524.2 ) | Bromomethane (Methyl Bromide) | ND     | ug/l  | 0.50 | 1        |
| 06/03/99                                        | 97321    |           | ( ML/EPA 524.2 ) | cis-1,2-Dichloroethylene      | ND     | ug/l  | 0.50 | 1        |
| 06/03/99                                        | 97321    |           | ( ML/EPA 524.2 ) | Chlorobenzene                 | ND     | ug/l  | 0.50 | 1        |
| 06/03/99                                        | 97321    |           | ( ML/EPA 524.2 ) | Carbon Tetrachloride          | ND     | ug/l  | 0.50 | 1        |
| 06/03/99                                        | 97321    |           | ( ML/EPA 524.2 ) | cis-1,3-Dichloropropene       | ND     | ug/l  | 0.50 | 1        |
| 06/03/99                                        | 97321    |           | ( ML/EPA 524.2 ) | Bromoform                     | ND     | ug/l  | 0.50 | 1        |
| 06/03/99                                        | 97321    |           | ( ML/EPA 524.2 ) | Chloroform (Trichloromethane) | ND     | ug/l  | 0.50 | 1        |
| 06/03/99                                        | 97321    |           | ( ML/EPA 524.2 ) | Bromochloromethane            | ND     | ug/l  | 0.50 | 1        |

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**Laboratory****Report****#54685****Foster Wheeler Environmental, Inc**  
(continued)

| Prepared | Analyzed | QC Batch# | Method            | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|-------------------|---------------------------------|--------|-------|------|----------|
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Chloroethane                    | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Chloromethane (Methyl Chloride) | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Chlorodibromomethane            | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Dibromomethane                  | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Bromodichloromethane            | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Dichloromethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Ethyl benzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/E524.2/624 ) | Dichlorodifluoromethane         | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Fluorotrichloromethane-Freon11  | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Hexachlorobutadiene             | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Isopropylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | m-Dichlorobenzene (1,3-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | m,p-Xylenes                     | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Naphthalene                     | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | n-Butylbenzene                  | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | n-Propylbenzene                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | o-Xylene                        | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | o-Dichlorobenzene (1,2-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Tetrachloroethylene (PCE)       | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | p-Isopropyltoluene              | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | sec-Butylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Styrene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | trans-1,2-Dichloroethylene      | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | tert-Butylbenzene               | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Trichloroethylene (TCE)         | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Trichlorotrifluoroethane (Freon | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | trans-1,3-Dichloropropene       | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Toluene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Vinyl chloride (VC)             | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )     | None detected                   | ND     |       |      | 1        |
|          |          |           | ( Surrogate       | 1,2-Dichloroethane-d4           | 99     | % Rec |      |          |
|          |          |           | ( Surrogate       | 4-Bromofluorobenzene            | 103    | % Rec |      |          |
|          |          |           | ( Surrogate       | Toluene-d8                      | 101    | % Rec |      |          |

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Laboratory

QC Report

#54685

Foster Wheeler Environmental, Inc

**QC Batch #96897****Hexavalent chromium (Cr VI)**

| QC   | Analyte                     | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|-----------------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample               | Lab # 99 | 0528142   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Hexavalent chromium (Cr VI) | 0.050    | 0.0506    | 101.2     | ( 78.00 - 118.00 ) |         |
| LCS2 | Hexavalent chromium (Cr VI) | 0.050    | 0.0512    | 102.4     | ( 78.00 - 118.00 ) | 1.2     |
| MBLK | Hexavalent chromium (Cr VI) | ND       |           |           |                    |         |
| MS   | Hexavalent chromium (Cr VI) | 0.050    | 0.0506    | 101.2     | ( 80.00 - 120.00 ) |         |
| MSD  | Hexavalent chromium (Cr VI) | 0.050    | 0.0506    | 101.2     | ( 80.00 - 120.00 ) | 0.00    |

**QC Batch #96983****Lab pH**

| QC  | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)      | RPD (%) |
|-----|---------------|----------|-----------|-----------|-----------------|---------|
| DUP | Spiked sample | lab # 99 | 0527210   |           | ( 0.00 - 0.00 ) |         |

**QC Batch #96993****Specific Conductance**

| QC  | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)      | RPD (%) |
|-----|---------------|----------|-----------|-----------|-----------------|---------|
| DUP | Spiked sample | Lab # 99 | 0601225   |           | ( 0.00 - 0.00 ) |         |

**QC Batch #97168****Total Dissolved Solid (TDS)**

| QC   | Analyte                     | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|-----------------------------|----------|-----------|-----------|--------------------|---------|
| DUP  | Spiked sample               | Lab # 99 | 0527207   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Total Dissolved Solid (TDS) | 175      | 174       | 99.4      | ( 85.00 - 115.00 ) |         |
| LCS2 | Total Dissolved Solid (TDS) | 700      | 676       | 96.6      | ( 85.00 - 115.00 ) |         |
| MBLK | Total Dissolved Solid (TDS) | ND       |           |           |                    |         |

**QC Batch #97182****Chloride**

| QC   | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|---------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample | Lab # 99 | 0527206   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Chloride      | 25       | 24.8      | 99.2      | ( 90.00 - 110.00 ) |         |
| LCS2 | Chloride      | 25       | 25        | 100.0     | ( 90.00 - 110.00 ) | 0.80    |
| MBLK | Chloride      | ND       |           |           |                    |         |

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.  
Criteria for MS and DUP are advisory only and not applicable for ICR monitoring.



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**Laboratory  
QC Report  
#54685**

Foster Wheeler Environmental, Inc  
(continued)

|     |          |    |      |       |                    |      |
|-----|----------|----|------|-------|--------------------|------|
| MS  | Chloride | 25 | 26.7 | 106.8 | ( 80.00 - 120.00 ) |      |
| MSD | Chloride | 25 | 26.8 | 107.2 | ( 80.00 - 120.00 ) | 0.37 |

**QC Batch #97185**

**Nitrate-N by IC**

| QC   | Analyte         | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|-----------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample   | Lab # 99 | 0528228   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Nitrate-N by IC | 2.5      | 2.51      | 100.4     | ( 90.00 - 110.00 ) |         |
| LCS2 | Nitrate-N by IC | 2.5      | 2.52      | 100.8     | ( 90.00 - 110.00 ) | 0.40    |
| MBLK | Nitrate-N by IC | ND       |           |           |                    |         |
| MS   | Nitrate-N by IC | 2.5      | 2.61      | 104.4     | ( 80.00 - 120.00 ) |         |
| MSD  | Nitrate-N by IC | 2.5      | 2.61      | 104.4     | ( 80.00 - 120.00 ) | 0.00    |

**QC Batch #97186**

**Sulfate**

| QC   | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|---------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample | Lab # 99 | 0527206   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Sulfate       | 50       | 49.1      | 98.2      | ( 90.00 - 110.00 ) |         |
| LCS2 | Sulfate       | 50       | 49.3      | 98.6      | ( 90.00 - 110.00 ) | 0.41    |
| MBLK | Sulfate       | ND       |           |           |                    |         |
| MS   | Sulfate       | 50       | 54        | 108.0     | ( 80.00 - 120.00 ) |         |
| MSD  | Sulfate       | 50       | 54        | 108.0     | ( 80.00 - 120.00 ) | 0.00    |

**QC Batch #97316**

**Regulated VOCs plus Lists 1&3**

| QC   | Analyte                   | Spiked | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|---------------------------|--------|-----------|-----------|--------------------|---------|
| MBLK | 1,1,1,2-Tetrachloroethane | ND     |           |           |                    |         |
| LCS1 | 1,1,1-Trichloroethane     | 4      | 3.94      | 98.5      | ( 76.00 - 116.00 ) |         |
| MBLK | 1,1,1-Trichloroethane     | ND     |           |           |                    |         |
| LCS1 | 1,1,2,2-Tetrachloroethane | 4      | 3.87      | 96.8      | ( 72.00 - 117.00 ) |         |
| MBLK | 1,1,2,2-Tetrachloroethane | ND     |           |           |                    |         |
| LCS1 | 1,1,2-Trichloroethane     | 4      | 3.94      | 98.5      | ( 71.00 - 116.00 ) |         |
| MBLK | 1,1,2-Trichloroethane     | ND     |           |           |                    |         |
| LCS1 | 1,1-Dichloroethane        | 4      | 3.76      | 94.0      | ( 71.00 - 125.00 ) |         |

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**Laboratory****QC Report****#54685**Foster Wheeler Environmental, Inc  
(continued)

|      |                               |          |         |       |                    |     |
|------|-------------------------------|----------|---------|-------|--------------------|-----|
| MBLK | 1,1-Dichloroethane            | ND       |         |       |                    |     |
| LCS1 | 1,1-Dichloroethylene          | 4        | 3.58    | 89.5  | ( 70.00 - 130.00 ) |     |
| MBLK | 1,1-Dichloroethylene          | ND       |         |       |                    |     |
| MS   | 1,1-Dichloroethylene          | 4        | 4.21    | 105.2 | ( 70.00 - 130.00 ) |     |
| MSD  | 1,1-Dichloroethylene          | 4        | 3.42    | 85.5  | ( 70.00 - 130.00 ) | 21  |
| MBLK | 1,1-Dichloropropene           | ND       |         |       |                    |     |
| MBLK | 1,2,3-Trichlorobenzene        | ND       |         |       |                    |     |
| MBLK | 1,2,3-Trichloropropane        | ND       |         |       |                    |     |
| LCS1 | 1,2,4-Trichlorobenzene        | 4        | 3.90    | 97.5  | ( 76.00 - 114.00 ) |     |
| MBLK | 1,2,4-Trichlorobenzene        | ND       |         |       |                    |     |
| MBLK | 1,2,4-Trimethylbenzene        | ND       |         |       |                    |     |
| LCS1 | 1,2-Dichloroethane            | 4        | 3.73    | 93.2  | ( 75.00 - 120.00 ) |     |
| MBLK | 1,2-Dichloroethane            | ND       |         |       |                    |     |
| LCS1 | 1,2-Dichloropropane           | 4        | 3.97    | 99.2  | ( 77.00 - 122.00 ) |     |
| MBLK | 1,2-Dichloropropane           | ND       |         |       |                    |     |
| MBLK | 1,3,5-Trimethylbenzene        | ND       |         |       |                    |     |
| LCS1 | 1,3-Dichloropropane           | 8        | 7.85    | 98.1  | ( 70.00 - 130.00 ) |     |
| MBLK | 1,3-Dichloropropane           | ND       |         |       |                    |     |
| LCS1 | p-Dichlorobenzene (1,4-DCB)   | 4        | 4.10    | 102.5 | ( 77.00 - 113.00 ) |     |
| MBLK | p-Dichlorobenzene (1,4-DCB)   | ND       |         |       |                    |     |
| MBLK | 2,2-Dichloropropane           | ND       |         |       |                    |     |
| MBLK | 2-Butanone (MEK)              | ND       |         |       |                    |     |
| MBLK | 2-Chloroethylvinylether       | ND       |         |       |                    |     |
| MBLK | o-Chlorotoluene               | ND       |         |       |                    |     |
| MBLK | p-Chlorotoluene               | ND       |         |       |                    |     |
| MBLK | 4-Methyl-2-Pentanone (MIBK)   | ND       |         |       |                    |     |
| MS   | Spiked sample                 | Lab # 99 | 0527208 |       | ( 0.00 - 0.00 )    |     |
| LCS1 | Benzene                       | 4        | 4.17    | 104.2 | ( 76.00 - 122.00 ) |     |
| MBLK | Benzene                       | ND       |         |       |                    |     |
| MS   | Benzene                       | 4        | 4.15    | 103.8 | ( 70.00 - 130.00 ) |     |
| MSD  | Benzene                       | 4        | 4.21    | 105.2 | ( 70.00 - 130.00 ) | 1.4 |
| MBLK | Bromobenzene                  | ND       |         |       |                    |     |
| MBLK | Bromomethane (Methyl Bromide) | ND       |         |       |                    |     |
| LCS1 | cis-1,2-Dichloroethylene      | 4        | 3.96    | 99.0  | ( 70.00 - 130.00 ) |     |
| MBLK | cis-1,2-Dichloroethylene      | ND       |         |       |                    |     |
| LCS1 | Chlorobenzene                 | 4        | 3.94    | 98.5  | ( 70.00 - 130.00 ) |     |
| MBLK | Chlorobenzene                 | ND       |         |       |                    |     |

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Laboratory  
QC Report  
#54685

Foster Wheeler Environmental, Inc  
(continued)

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|      |                                 |    |      |       |                    |     |
|------|---------------------------------|----|------|-------|--------------------|-----|
| MS   | Chlorobenzene                   | 4  | 4.26 | 106.5 | ( 70.00 - 130.00 ) |     |
| MSD  | Chlorobenzene                   | 4  | 4.21 | 105.2 | ( 70.00 - 130.00 ) | 1.2 |
| LCS1 | Carbon Tetrachloride            | 4  | 3.78 | 94.5  | ( 70.00 - 130.00 ) |     |
| MBLK | Carbon Tetrachloride            | ND |      |       |                    |     |
| MBLK | cis-1,3-Dichloropropene         | ND |      |       |                    |     |
| LCS1 | Bromoform                       | 4  | 3.52 | 88.0  | ( 70.00 - 130.00 ) |     |
| MBLK | Bromoform                       | ND |      |       |                    |     |
| LCS1 | Chloroform (Trichloromethane)   | 4  | 3.72 | 93.0  | ( 70.00 - 130.00 ) |     |
| MBLK | Chloroform (Trichloromethane)   | ND |      |       |                    |     |
| MBLK | Bromochloromethane              | ND |      |       |                    |     |
| MBLK | Chloroethane                    | ND |      |       |                    |     |
| MBLK | Chloromethane (Methyl Chloride) | ND |      |       |                    |     |
| LCS1 | Chlorodibromomethane            | 4  | 3.68 | 92.0  | ( 70.00 - 130.00 ) |     |
| MBLK | Chlorodibromomethane            | ND |      |       |                    |     |
| MBLK | Dibromomethane                  | ND |      |       |                    |     |
| LCS1 | Bromodichloromethane            | 4  | 3.76 | 94.0  | ( 70.00 - 130.00 ) |     |
| MBLK | Bromodichloromethane            | ND |      |       |                    |     |
| LCS1 | Dichloromethane                 | 4  | 3.83 | 95.8  | ( 70.00 - 130.00 ) |     |
| MBLK | Dichloromethane                 | ND |      |       |                    |     |
| LCS1 | Ethyl benzene                   | 4  | 4.07 | 101.8 | ( 70.00 - 130.00 ) |     |
| MBLK | Ethyl benzene                   | ND |      |       |                    |     |
| MBLK | Dichlorodifluoromethane         | ND |      |       |                    |     |
| LCS1 | Fluorotrichloromethane-Freon11  | 2  | 1.93 | 96.5  | ( 70.00 - 130.00 ) |     |
| MBLK | Fluorotrichloromethane-Freon11  | ND |      |       |                    |     |
| MBLK | Hexachlorobutadiene             | ND |      |       |                    |     |
| MBLK | Isopropylbenzene                | ND |      |       |                    |     |
| MBLK | m-Dichlorobenzene (1,3-DCB)     | ND |      |       |                    |     |
| LCS1 | m,p-Xylenes                     | 8  | 8.27 | 103.4 | ( 70.00 - 130.00 ) |     |
| MBLK | m,p-Xylenes                     | ND |      |       |                    |     |
| MBLK | Naphthalene                     | ND |      |       |                    |     |
| MBLK | n-Butylbenzene                  | ND |      |       |                    |     |
| MBLK | n-Propylbenzene                 | ND |      |       |                    |     |
| LCS1 | o-Xylene                        | 4  | 4.03 | 100.8 | ( 70.00 - 130.00 ) |     |
| MBLK | o-Xylene                        | ND |      |       |                    |     |
| LCS1 | o-Dichlorobenzene (1,2-DCB)     | 4  | 3.89 | 97.2  | ( 70.00 - 130.00 ) |     |
| MBLK | o-Dichlorobenzene (1,2-DCB)     | ND |      |       |                    |     |
| LCS1 | Tetrachloroethylene (PCE)       | 4  | 4.15 | 103.8 | ( 70.00 - 130.00 ) |     |

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QC Report

#54685

Foster Wheeler Environmental, Inc  
(continued)

|      |                                 |     |      |       |                    |      |
|------|---------------------------------|-----|------|-------|--------------------|------|
| MBLK | Tetrachloroethylene (PCE)       | ND  |      |       |                    |      |
| MBLK | p-Isopropyltoluene              | ND  |      |       |                    |      |
| MBLK | sec-Butylbenzene                | ND  |      |       |                    |      |
| LCS1 | Styrene                         | 4   | 4.20 | 105.0 | ( 70.00 ~ 130.00 ) |      |
| MBLK | Styrene                         | ND  |      |       |                    |      |
| LCS1 | 1,2-dichloroethane-d4           | 100 | 96.9 | 96.9  | ( 80.00 ~ 120.00 ) |      |
| MBLK | 1,2-dichloroethane-d4           | 100 | 93.0 | 93.0  |                    |      |
| MS   | 1,2-dichloroethane-d4           | 100 | 102  | 102.0 | ( 80.00 ~ 120.00 ) |      |
| MSD  | 1,2-dichloroethane-d4           | 100 | 104  | 104.0 | ( 80.00 ~ 120.00 ) | 1.9  |
| LCS1 | Toluene-d8                      | 100 | 102  | 102.0 | ( 80.00 ~ 120.00 ) |      |
| MBLK | Toluene-d8                      | 100 | 98.0 | 98.0  |                    |      |
| MS   | Toluene-d8                      | 100 | 97.0 | 97.0  | ( 80.00 ~ 120.00 ) |      |
| MSD  | Toluene-d8                      | 100 | 98.2 | 98.2  | ( 80.00 ~ 120.00 ) | 1.2  |
| LCS1 | 4-Bromofluorobenzene            | 100 | 102  | 102.0 | ( 80.00 ~ 120.00 ) |      |
| MBLK | 4-Bromofluorobenzene            | 100 | 97.3 | 97.3  |                    |      |
| MS   | 4-Bromofluorobenzene            | 100 | 103  | 103.0 | ( 80.00 ~ 120.00 ) |      |
| MSD  | 4-Bromofluorobenzene            | 100 | 103  | 103.0 | ( 80.00 ~ 120.00 ) | 0.00 |
| LCS1 | trans-1,2-Dichloroethylene      | 4   | 4.13 | 103.2 | ( 70.00 ~ 130.00 ) |      |
| MBLK | trans-1,2-Dichloroethylene      | ND  |      |       |                    |      |
| MBLK | tert-Butylbenzene               | ND  |      |       |                    |      |
| LCS1 | Trichloroethylene (TCE)         | 4   | 4.07 | 101.8 | ( 70.00 ~ 130.00 ) |      |
| MBLK | Trichloroethylene (TCE)         | ND  |      |       |                    |      |
| MS   | Trichloroethylene (TCE)         | 4   | 4.25 | 106.2 | ( 70.00 ~ 130.00 ) |      |
| MSD  | Trichloroethylene (TCE)         | 4   | 4.07 | 101.8 | ( 70.00 ~ 130.00 ) | 4.3  |
| LCS1 | Trichlorotrifluoroethane (Freon | 2   | 1.81 | 90.5  | ( 70.00 ~ 130.00 ) |      |
| MBLK | Trichlorotrifluoroethane (Freon | ND  |      |       |                    |      |
| MBLK | trans-1,3-Dichloropropene       | ND  |      |       |                    |      |
| LCS1 | Toluene                         | 4   | 4.08 | 102.0 | ( 70.00 ~ 130.00 ) |      |
| MBLK | Toluene                         | ND  |      |       |                    |      |
| MS   | Toluene                         | 4   | 4.28 | 107.0 | ( 70.00 ~ 130.00 ) |      |
| MSD  | Toluene                         | 4   | 4.33 | 108.2 | ( 70.00 ~ 130.00 ) | 1.2  |
| LCS1 | Vinyl chloride (VC)             | 2   | 2.44 | 122.0 | ( 70.00 ~ 130.00 ) |      |
| MBLK | Vinyl chloride (VC)             | ND  |      |       |                    |      |

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Laboratory  
QC Report  
#54685

Foster Wheeler Environmental, Inc  
(continued)

**QC Batch #97321****Regulated VOCs plus Lists 1&3**

| QC   | Analyte                     | Spiked | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|-----------------------------|--------|-----------|-----------|--------------------|---------|
| MBLK | 1,1,1,2-Tetrachloroethane   | ND     |           |           |                    |         |
| LCS1 | 1,1,1-Trichloroethane       | 4      | 3.94      | 98.5      | ( 76.00 - 116.00 ) |         |
| MBLK | 1,1,1-Trichloroethane       | ND     |           |           |                    |         |
| LCS1 | 1,1,2,2-Tetrachloroethane   | 4      | 3.87      | 96.8      | ( 72.00 - 117.00 ) |         |
| MBLK | 1,1,2,2-Tetrachloroethane   | ND     |           |           |                    |         |
| LCS1 | 1,1,2-Trichloroethane       | 4      | 3.94      | 98.5      | ( 71.00 - 116.00 ) |         |
| MBLK | 1,1,2-Trichloroethane       | ND     |           |           |                    |         |
| LCS1 | 1,1-Dichloroethane          | 4      | 3.76      | 94.0      | ( 71.00 - 125.00 ) |         |
| MBLK | 1,1-Dichloroethane          | ND     |           |           |                    |         |
| LCS1 | 1,1-Dichloroethylene        | 4      | 3.58      | 89.5      | ( 70.00 - 130.00 ) |         |
| MBLK | 1,1-Dichloroethylene        | ND     |           |           |                    |         |
| MS   | 1,1-Dichloroethylene        | 4      | 3.19      | 79.8      | ( 70.00 - 130.00 ) |         |
| MSD  | 1,1-Dichloroethylene        | 4      | 3.62      | 90.5      | ( 70.00 - 130.00 ) | 13      |
| MBLK | 1,1-Dichloropropene         | ND     |           |           |                    |         |
| MBLK | 1,2,3-Trichlorobenzene      | ND     |           |           |                    |         |
| MBLK | 1,2,3-Trichloropropane      | ND     |           |           |                    |         |
| LCS1 | 1,2,4-Trichlorobenzene      | 4      | 3.90      | 97.5      | ( 76.00 - 114.00 ) |         |
| MBLK | 1,2,4-Trichlorobenzene      | ND     |           |           |                    |         |
| MBLK | 1,2,4-Trimethylbenzene      | ND     |           |           |                    |         |
| LCS1 | 1,2-Dichloroethane          | 4      | 3.73      | 93.2      | ( 75.00 - 120.00 ) |         |
| MBLK | 1,2-Dichloroethane          | ND     |           |           |                    |         |
| LCS1 | 1,2-Dichloropropane         | 4      | 3.97      | 99.2      | ( 77.00 - 122.00 ) |         |
| MBLK | 1,2-Dichloropropane         | ND     |           |           |                    |         |
| MBLK | 1,3,5-Trimethylbenzene      | ND     |           |           |                    |         |
| LCS1 | 1,3-Dichloropropane         | 8      | 7.85      | 98.1      | ( 70.00 - 130.00 ) |         |
| MBLK | 1,3-Dichloropropane         | ND     |           |           |                    |         |
| LCS1 | p-Dichlorobenzene (1,4-DCB) | 4      | 4.10      | 102.5     | ( 77.00 - 113.00 ) |         |
| MBLK | p-Dichlorobenzene (1,4-DCB) | ND     |           |           |                    |         |
| MBLK | 2,2-Dichloropropane         | ND     |           |           |                    |         |
| MBLK | 2-Butanone (MEK)            | ND     |           |           |                    |         |
| MBLK | 2-Chloroethylvinylether     | ND     |           |           |                    |         |
| MBLK | o-Chlorotoluene             | ND     |           |           |                    |         |

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**Laboratory  
 QC Report  
 #54685**

**Foster Wheeler Environmental, Inc  
 (continued)**

|      |                                 |          |         |       |                    |     |
|------|---------------------------------|----------|---------|-------|--------------------|-----|
| MBLK | p-Chlorotoluene                 | ND       |         |       |                    |     |
| MBLK | 4-Methyl-2-Pentanone (MIBK)     | ND       |         |       |                    |     |
| MS   | Spiked sample                   | Lab # 99 | 0528140 |       | ( 0.00 - 0.00 )    |     |
| LCS1 | Benzene                         | 4        | 4.17    | 104.2 | ( 76.00 - 122.00 ) |     |
| MBLK | Benzene                         | ND       |         |       |                    |     |
| MS   | Benzene                         | 4        | 3.75    | 93.8  | ( 70.00 - 130.00 ) |     |
| MSD  | Benzene                         | 4        | 3.88    | 97.0  | ( 70.00 - 130.00 ) | 3.4 |
| MBLK | Bromobenzene                    | ND       |         |       |                    |     |
| MBLK | Bromomethane (Methyl Bromide)   | ND       |         |       |                    |     |
| LCS1 | cis-1,2-Dichloroethylene        | 4        | 3.96    | 99.0  | ( 70.00 - 130.00 ) |     |
| MBLK | cis-1,2-Dichloroethylene        | ND       |         |       |                    |     |
| LCS1 | Chlorobenzene                   | 4        | 3.94    | 98.5  | ( 70.00 - 130.00 ) |     |
| MBLK | Chlorobenzene                   | ND       |         |       |                    |     |
| MS   | Chlorobenzene                   | 4        | 3.57    | 89.2  | ( 70.00 - 130.00 ) |     |
| MSD  | Chlorobenzene                   | 4        | 3.64    | 91.0  | ( 70.00 - 130.00 ) | 1.9 |
| LCS1 | Carbon Tetrachloride            | 4        | 3.78    | 94.5  | ( 70.00 - 130.00 ) |     |
| MBLK | Carbon Tetrachloride            | ND       |         |       |                    |     |
| MBLK | cis-1,3-Dichloropropene         | ND       |         |       |                    |     |
| LCS1 | Bromoform                       | 4        | 3.52    | 88.0  | ( 70.00 - 130.00 ) |     |
| MBLK | Bromoform                       | ND       |         |       |                    |     |
| LCS1 | Chloroform (Trichloromethane)   | 4        | 3.72    | 93.0  | ( 70.00 - 130.00 ) |     |
| MBLK | Chloroform (Trichloromethane)   | ND       |         |       |                    |     |
| MBLK | Bromochloromethane              | ND       |         |       |                    |     |
| MBLK | Chloroethane                    | ND       |         |       |                    |     |
| MBLK | Chloromethane (Methyl Chloride) | ND       |         |       |                    |     |
| LCS1 | Chlorodibromomethane            | 4        | 3.68    | 92.0  | ( 70.00 - 130.00 ) |     |
| MBLK | Chlorodibromomethane            | ND       |         |       |                    |     |
| MBLK | Dibromomethane                  | ND       |         |       |                    |     |
| LCS1 | Bromodichloromethane            | 4        | 3.76    | 94.0  | ( 70.00 - 130.00 ) |     |
| MBLK | Bromodichloromethane            | ND       |         |       |                    |     |
| LCS1 | Dichloromethane                 | 4        | 3.83    | 95.8  | ( 70.00 - 130.00 ) |     |
| MBLK | Dichloromethane                 | ND       |         |       |                    |     |
| LCS1 | Ethyl benzene                   | 4        | 4.07    | 101.8 | ( 70.00 - 130.00 ) |     |
| MBLK | Ethyl benzene                   | ND       |         |       |                    |     |
| MBLK | Dichlorodifluoromethane         | ND       |         |       |                    |     |
| LCS1 | Fluorotrichloromethane-Freon11  | 2        | 1.93    | 96.5  | ( 70.00 - 130.00 ) |     |
| MBLK | Fluorotrichloromethane-Freon11  | ND       |         |       |                    |     |

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**Laboratory****QC Report****#54685**Foster Wheeler Environmental, Inc  
(continued)

|      |                             |     |      |       |                    |      |
|------|-----------------------------|-----|------|-------|--------------------|------|
| MBLK | Hexachlorobutadiene         | ND  |      |       |                    |      |
| MBLK | Isopropylbenzene            | ND  |      |       |                    |      |
| MBLK | m-Dichlorobenzene (1,3-DCB) | ND  |      |       |                    |      |
| LCS1 | m,p-Xylenes                 | 8   | 8.27 | 103.4 | ( 70.00 - 130.00 ) |      |
| MBLK | m,p-Xylenes                 | ND  |      |       |                    |      |
| MBLK | Naphthalene                 | ND  |      |       |                    |      |
| MBLK | n-Butylbenzene              | ND  |      |       |                    |      |
| MBLK | n-Propylbenzene             | ND  |      |       |                    |      |
| LCS1 | o-Xylene                    | 4   | 4.03 | 100.8 | ( 70.00 - 130.00 ) |      |
| MBLK | o-Xylene                    | ND  |      |       |                    |      |
| LCS1 | o-Dichlorobenzene (1,2-DCB) | 4   | 3.89 | 97.2  | ( 70.00 - 130.00 ) |      |
| MBLK | o-Dichlorobenzene (1,2-DCB) | ND  |      |       |                    |      |
| LCS1 | Tetrachloroethylene (PCE)   | 4   | 4.15 | 103.8 | ( 70.00 - 130.00 ) |      |
| MBLK | Tetrachloroethylene (PCE)   | ND  |      |       |                    |      |
| MBLK | p-Isopropyltoluene          | ND  |      |       |                    |      |
| MBLK | sec-Butylbenzene            | ND  |      |       |                    |      |
| LCS1 | Styrene                     | 4   | 4.20 | 105.0 | ( 70.00 - 130.00 ) |      |
| MBLK | Styrene                     | ND  |      |       |                    |      |
| LCS1 | 1,2-dichloroethane-d4       | 100 | 96.9 | 96.9  | ( 80.00 - 120.00 ) |      |
| MBLK | 1,2-dichloroethane-d4       | 100 | 93.0 | 93.0  |                    |      |
| MS   | 1,2-dichloroethane-d4       | 100 | 99.6 | 99.6  | ( 80.00 - 120.00 ) |      |
| MSD  | 1,2-dichloroethane-d4       | 100 | 96.6 | 96.6  | ( 80.00 - 120.00 ) | 3.1  |
| LCS1 | Toluene-d8                  | 100 | 102  | 102.0 | ( 80.00 - 120.00 ) |      |
| MBLK | Toluene-d8                  | 100 | 98.0 | 98.0  |                    |      |
| MS   | Toluene-d8                  | 100 | 97.7 | 97.7  | ( 80.00 - 120.00 ) |      |
| MSD  | Toluene-d8                  | 100 | 98.3 | 98.3  | ( 80.00 - 120.00 ) | 0.61 |
| LCS1 | 4-Bromofluorobenzene        | 100 | 102  | 102.0 | ( 80.00 - 120.00 ) |      |
| MBLK | 4-Bromofluorobenzene        | 100 | 97.3 | 97.3  |                    |      |
| MS   | 4-Bromofluorobenzene        | 100 | 99.8 | 99.8  | ( 80.00 - 120.00 ) |      |
| MSD  | 4-Bromofluorobenzene        | 100 | 100  | 100.0 | ( 80.00 - 120.00 ) | 0.20 |
| LCS1 | trans-1,2-Dichloroethylene  | 4   | 4.13 | 103.2 | ( 70.00 - 130.00 ) |      |
| MBLK | trans-1,2-Dichloroethylene  | ND  |      |       |                    |      |
| MBLK | tert-Butylbenzene           | ND  |      |       |                    |      |
| LCS1 | Trichloroethylene (TCE)     | 4   | 4.07 | 101.8 | ( 70.00 - 130.00 ) |      |
| MBLK | Trichloroethylene (TCE)     | ND  |      |       |                    |      |
| MS   | Trichloroethylene (TCE)     | 4   | 3.58 | 89.5  | ( 70.00 - 130.00 ) |      |
| MSD  | Trichloroethylene (TCE)     | 4   | 3.88 | 97.0  | ( 70.00 - 130.00 ) | 8.0  |

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Laboratory

QC Report

#54685

Foster Wheeler Environmental, Inc  
(continued)

|      |                                 |    |      |       |                    |     |
|------|---------------------------------|----|------|-------|--------------------|-----|
| LCS1 | Trichlorotrifluoroethane (Freon | 2  | 1.81 | 90.5  | ( 70.00 ~ 130.00 ) |     |
| MBLK | Trichlorotrifluoroethane (Freon | ND |      |       |                    |     |
| MBLK | trans-1,3-Dichloropropene       | ND |      |       |                    |     |
| LCS1 | Toluene                         | 4  | 4.08 | 102.0 | ( 70.00 ~ 130.00 ) |     |
| MBLK | Toluene                         | ND |      |       |                    |     |
| MS   | Toluene                         | 4  | 3.86 | 96.5  | ( 70.00 ~ 130.00 ) |     |
| MSD  | Toluene                         | 4  | 3.73 | 93.2  | ( 70.00 ~ 130.00 ) | 3.4 |
| LCS1 | Vinyl chloride (VC)             | 2  | 2.44 | 122.0 | ( 70.00 ~ 130.00 ) |     |
| MBLK | Vinyl chloride (VC)             | ND |      |       |                    |     |

**QC Batch #97359****Alkalinity**

| QC   | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|---------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample | Lab # 99 | 0528139   |           | ( 0.00 ~ 0.00 )    |         |
| LCS1 | Alkalinity    | 96.2     | 96.5      | 100.3     | ( 96.00 ~ 107.00 ) |         |
| LCS2 | Alkalinity    | 96.2     | 97.1      | 100.9     | ( 96.00 ~ 107.00 ) | 0.62    |
| MBLK | Alkalinity    | ND       |           |           |                    |         |
| MS   | Alkalinity    | 96.2     | 88.5      | 92.0      | ( 80.00 ~ 120.00 ) |         |
| MSD  | Alkalinity    | 96.2     | 88        | 91.5      | ( 80.00 ~ 120.00 ) | 0.57    |

**QC Batch #97491****Chromium, Total, ICAP/MS**

| QC   | Analyte                  | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|--------------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample            | Lab # 99 | 0528140   |           | ( 0.00 ~ 0.00 )    |         |
| LCS1 | Chromium, Total, ICAP/MS | 100      | 93        | 93.0      | ( 85.00 ~ 115.00 ) |         |
| LCS2 | Chromium, Total, ICAP/MS | 100      | 100       | 100.0     | ( 85.00 ~ 115.00 ) | 7.3     |
| MBLK | Chromium, Total, ICAP/MS | ND       |           |           |                    |         |
| MS   | Chromium, Total, ICAP/MS | 100      | 99        | 99.0      | ( 77.00 ~ 119.00 ) |         |
| MSD  | Chromium, Total, ICAP/MS | 100      | 99        | 99.0      | ( 77.00 ~ 119.00 ) | 0.00    |

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.  
Criteria for MS and DUP are advisory only and not applicable for ICR monitoring.

**MONTGOMERY WATSON LABORATORIES**

a Division of Montgomery Watson Americas, Inc.

555 East Walnut Street

Pasadena, California 91101

Tel: 626 568 6400 Fax: 626 568 6324

1 800 566 LABS (1 800 566 5227)

Laboratory

QC Report

#54685

Foster Wheeler Environmental, Inc  
(continued)**QC Batch #97492****Iron, Total, ICAP/MS**

| QC   | Analyte              | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|----------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample        | Lab # 99 | 0528140   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Iron, Total, ICAP/MS | 500      | 480       | 96.0      | ( 85.00 - 115.00 ) |         |
| LCS2 | Iron, Total, ICAP/MS | 500      | 482       | 96.4      | ( 85.00 - 115.00 ) | 0.42    |
| MBLK | Iron, Total, ICAP/MS | ND       |           |           |                    |         |
| MS   | Iron, Total, ICAP/MS | 500      | 492       | 98.4      | ( 70.00 - 130.00 ) |         |
| MSD  | Iron, Total, ICAP/MS | 500      | 495       | 99.0      | ( 70.00 - 130.00 ) | 0.61    |

**QC Batch #97493****Lead, Total, ICAP/MS**

| QC   | Analyte              | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|----------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample        | Lab # 99 | 0528140   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Lead, Total, ICAP/MS | 20.0     | 20.4      | 102.0     | ( 87.00 - 108.00 ) |         |
| LCS2 | Lead, Total, ICAP/MS | 20.0     | 20.4      | 102.0     | ( 87.00 - 108.00 ) | 0.00    |
| MBLK | Lead, Total, ICAP/MS | ND       |           |           |                    |         |
| MS   | Lead, Total, ICAP/MS | 20.0     | 21.0      | 105.0     | ( 75.00 - 119.00 ) |         |
| MSD  | Lead, Total, ICAP/MS | 20.0     | 21.4      | 107.0     | ( 75.00 - 119.00 ) | 1.9     |

**QC Batch #97585****Arsenic, Total, GF**

| QC   | Analyte            | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|--------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample      | Lab # 99 | 0528140   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Arsenic, Total, GF | 0.020    | 0.0205    | 102.5     | ( 85.00 - 115.00 ) |         |
| LCS2 | Arsenic, Total, GF | 0.020    | 0.0197    | 98.5      | ( 85.00 - 115.00 ) | 4.0     |
| MBLK | Arsenic, Total, GF | ND       |           |           |                    |         |
| MS   | Arsenic, Total, GF | 0.020    | 0.0209    | 104.5     | ( 70.00 - 130.00 ) |         |
| MSD  | Arsenic, Total, GF | 0.020    | 0.0209    | 104.5     | ( 70.00 - 130.00 ) | 0.00    |

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.  
Criteria for MS and DUP are advisory only and not applicable for ICR monitoring.



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555 East Walnut Street  
Pasadena, California 91101  
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Laboratory  
QC Report  
#54685

Foster Wheeler Environmental, Inc  
(continued)

**QC Batch #97612****Calcium, Total, ICAP**

| QC   | Analyte              | Spiked<br>Lab # | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|----------------------|-----------------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample        | 99              | 0526107   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Calcium, Total, ICAP | 50              | 52.9      | 105.8     | ( 85.00 - 115.00 ) |         |
| LCS2 | Calcium, Total, ICAP | 50              | 52.9      | 105.8     | ( 85.00 - 115.00 ) | 0.00    |
| MBLK | Calcium, Total, ICAP | ND              |           |           |                    |         |
| MS   | Calcium, Total, ICAP | 50              | 50.5      | 101.0     | ( 70.00 - 130.00 ) |         |
| MSD  | Calcium, Total, ICAP | 50              | 50.4      | 100.8     | ( 70.00 - 130.00 ) | 0.20    |

**QC Batch #97614****Potassium, Total, ICAP**

| QC   | Analyte                | Spiked<br>Lab # | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|------------------------|-----------------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample          | 99              | 0526107   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Potassium, Total, ICAP | 20              | 21.4      | 107.0     | ( 80.00 - 110.00 ) |         |
| LCS2 | Potassium, Total, ICAP | 20              | 21.3      | 106.5     | ( 80.00 - 110.00 ) | 0.47    |
| MBLK | Potassium, Total, ICAP | ND              |           |           |                    |         |
| MS   | Potassium, Total, ICAP | 20              | 20.5      | 102.5     | ( 80.00 - 120.00 ) |         |
| MSD  | Potassium, Total, ICAP | 20              | 20.4      | 102.0     | ( 80.00 - 120.00 ) | 0.49    |

**QC Batch #97619****Magnesium, Total, ICAP**

| QC   | Analyte                | Spiked<br>Lab # | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|------------------------|-----------------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample          | 99              | 0526107   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Magnesium, Total, ICAP | 20              | 21.4      | 107.0     | ( 97.00 - 115.00 ) |         |
| LCS2 | Magnesium, Total, ICAP | 20              | 21.3      | 106.5     | ( 97.00 - 115.00 ) | 0.47    |
| MBLK | Magnesium, Total, ICAP | ND              |           |           |                    |         |
| MS   | Magnesium, Total, ICAP | 20              | 20.4      | 102.0     | ( 74.00 - 130.00 ) |         |
| MSD  | Magnesium, Total, ICAP | 20              | 20.3      | 101.5     | ( 74.00 - 130.00 ) | 0.49    |

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.  
Criteria for MS and DUP are advisory only and not applicable for ICR monitoring.

**MONTGOMERY WATSON LABORATORIES**

a Division of Montgomery Watson Americas, Inc.

555 East Walnut Street

Pasadena, California 91101

Tel: 626 568 6400 Fax: 626 568 6324

1 800 566 LABS (1 800 566 5227)

Laboratory

QC Report

#54685

Foster Wheeler Environmental, Inc  
(continued)**QC Batch #97621****Sodium, Total, ICAP**

| QC   | Analyte             | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|---------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample       | Lab # 99 | 0526107   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Sodium, Total, ICAP | 50       | 53.7      | 107.4     | ( 94.00 - 112.00 ) |         |
| LCS2 | Sodium, Total, ICAP | 50       | 53.8      | 107.6     | ( 94.00 - 112.00 ) | 0.19    |
| MBLK | Sodium, Total, ICAP | ND       |           |           |                    |         |
| MS   | Sodium, Total, ICAP | 50       | 51.2      | 102.4     | ( 82.00 - 114.00 ) |         |
| MSD  | Sodium, Total, ICAP | 50       | 50.1      | 100.2     | ( 82.00 - 114.00 ) | 2.2     |

**QC Batch #97644****Perchlorate**

| QC   | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|---------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample | Lab # 99 | 0528139   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Perchlorate   | 20.0     | 21        | 105.0     | ( 90.00 - 110.00 ) |         |
| LCS2 | Perchlorate   | 20.0     | 20.6      | 103.0     | ( 90.00 - 110.00 ) | 1.9     |
| MBLK | Perchlorate   | ND       |           |           |                    |         |
| MS   | Perchlorate   | 20.0     | 21.1      | 105.5     | ( 75.00 - 125.00 ) |         |
| MSD  | Perchlorate   | 20.0     | 21.7      | 108.5     | ( 75.00 - 125.00 ) | 2.8     |

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.

Criteria for MS and DUP are advisory only and not applicable for ICR monitoring.



**MONTGOMERY WATSON LABORATORIES**

*Quality Environmental Analysis*

A division of Montgomery Watson Americas, Inc.  
June 17, 1999

Foster Wheeler Environmental  
611 Anton Blvd, Suite 800  
Costa Mesa, CA. 92626

Attention: Mark Cutler

Re: Report # 54745 (MW-992-030, MW-992-029, MW-992-103,  
MW-992-104, MW-992-028, MW-992-025)

Sampled: 6/01/99

Dear Mark,

Enclosed please find data deliverables for the recent JPL project. A detailed quality control (QC) summary follows:

**Non-conformance (LCS, MS/MSD, Surrogates, and Holding Times)**

None

**Samples requiring dilution (with increased MRL's):**

MW-992-028 was diluted for Carbon Tetrachloride.

**Method blanks with compounds detected:**

None

**Comments:**

Carbon Tetrachloride was detected in MW-992-030, -029, -028

Chloroform was detected in MW-992-103, -030, -029, -028

Perchlorate was detected in sample MW-992-029, -028

**TIC's:**

None

**Method Variance:**

None

**Other Comments:**

A QC check on the ASTM type II water supplied for the equipment rinse did not contain Methylene Chloride, but did contain detectable levels of Chloroform at 1.3 ug/L. No Methylene Chloride or Chloroform was detected in the method blank QC. Chloroform concentrations detected in the field samples, up to and including the level detected in the rinse water, may be an artifact of the rinse water.

ASTM type II water does not have specifications for volatiles. Foster Wheeler Environmental Corporation may want to consider the use of 'volatile free' water, if the trace chloroform poses problems. The Stationary Blank, SB, which was purged at the time of preparation, did not contain either compound. Volatile free water, would be substantially more expensive, due to the need to purge the water and the difficulty of preparing it in large quantities.

Sincerely,

Debbie Frank  
Project Manager

cc: Judy Novelly (JPL)

**Laboratory**  
555 East Walnut Street  
Pasadena, California 91101  
Tel: 626 568 6400  
Fax: 626 568 6324

**Southwest Service Center**  
4820 South Mill Avenue - Suite 202  
Tempe, Arizona 85282  
Tel: 602 755 8201  
Fax: 602 755 8203

**Northern California Service Center**  
1340 Treat Boulevard - Suite 300  
Walnut Creek, California 94596  
Tel: 925 274 2322  
Fax: 925 945 1760

**Southern California Service Center**  
30 Corporate Park - Suite 302  
Irvine, California 92606  
Tel: 949 222 1845  
Fax: 949 222 1849

**Montgomery Watson Laboratories**  
 , Los Angeles, CA 90051-3508  
 PHONE: 626-568-6400/FAX: 626-568-6324

**ACKNOWLEDGMENT OF SAMPLES RECEIVED**

Foster Wheeler Environmental, Inc  
 611 Anton Boulevard  
 Suite 800  
 Costa Mesa, CA 92626  
 Attn: Mark Cutler

Customer Code: ENSERCH  
 PO#: Sub PO#007618-0006  
 Group#: 54745  
 Project#: JPL  
 Proj Mgr: Debbie Frank  
 Phone: (714) 444-5526

The following samples were received from you on 06/01/99. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using Montgomery Watson Laboratories.

| Sample#   | Sample Id  | Tests Scheduled                        | Matrix | Sample Date |
|-----------|------------|----------------------------------------|--------|-------------|
| 990601236 | MW-992-030 | Water                                  |        | 06/01/99    |
|           |            | @EBASVOA CR-VI PB-EBAS CR-EBAS AS-EBAS |        |             |
|           |            | TDS CATION1 ANION1 PH EC HCO3          |        |             |
|           |            | CO3 ALK NO3 SO4 CL FE-MS               |        |             |
|           |            | K NA MG CA CLO4                        |        |             |
| 990601237 | MW-992-029 | Water                                  |        | 06/01/99    |
|           |            | @EBASVOA CR-VI PB-EBAS CR-EBAS AS-EBAS |        |             |
|           |            | TDS CATION1 ANION1 PH EC HCO3          |        |             |
|           |            | CO3 ALK NO3 SO4 CL FE-MS               |        |             |
|           |            | K NA MG CA CLO4                        |        |             |
| 990601238 | MW-992-103 | Water                                  |        | 06/01/99    |
|           |            | @EBASVOA AS-EBAS CR-EBAS PB-EBAS CR-VI |        |             |
|           |            | CLO4                                   |        |             |
| 990601239 | MW-992-104 | Water                                  |        | 06/01/99    |
|           |            | @EBASVOA                               |        |             |
| 990601240 | MW-992-028 | Water                                  |        | 06/01/99    |
|           |            | @EBASVOA CR-VI PB-EBAS CR-EBAS AS-EBAS |        |             |
|           |            | TDS CATION1 ANION1 PH EC HCO3          |        |             |
|           |            | CO3 ALK NO3 SO4 CL FE-MS               |        |             |
|           |            | K NA MG CA CLO4                        |        |             |
| 990601241 | MW-992-025 | Water                                  |        | 06/01/99    |
|           |            | @EBASVOA CR-VI PB-EBAS CR-EBAS AS-EBAS |        |             |
|           |            | TDS CATION1 ANION1 PH EC HCO3          |        |             |
|           |            | CO3 ALK NO3 SO4 CL FE-MS               |        |             |
|           |            | K NA MG CA CLO4                        |        |             |

**Test Acronym Description**

| Test Acronym | Description                   |
|--------------|-------------------------------|
| @EBASVOA     | Regulated VOCs plus Lists 1&3 |
| ALK          | Alkalinity                    |
| ANION1       | Anion Sum                     |

Foster Wheeler Environmental, Inc  
611 Anton Boulevard  
Suite 800  
Costa Mesa, CA 92626  
Attn: Mark Cutler

Customer Code: ENSERCH  
PO#: Sub PO#007618-0006  
Group#: 54745  
Project#: JPL  
Proj Mgr: Debbie Frank  
Phone: (714) 444-5526

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Test Acronym Description

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| Test Acronym | Description                     |
|--------------|---------------------------------|
| AS-EBAS      | Arsenic, Total, GF              |
| CA           | Calcium, Total, ICAP            |
| CATION1      | Cation Sum                      |
| CL           | Chloride                        |
| CLO4         | Perchlorate                     |
| CO3          | Carbonate as CO3, Calculated    |
| CR-EBAS      | Chromium, Total, ICAP/MS        |
| CR-VI        | Hexavalent chromium (Cr VI)     |
| EC           | Specific Conductance            |
| FE-MS        | Iron, Total, ICAP/MS            |
| HCO3         | Bicarbonate as HCO3, calculated |
| K            | Potassium, Total, ICAP          |
| MG           | Magnesium, Total, ICAP          |
| NA           | Sodium, Total, ICAP             |
| NO3          | Nitrate-N by IC                 |
| PB-EBAS      | Lead, Total, ICAP/MS            |
| PH           | Lab pH                          |
| SO4          | Sulfate                         |
| TDS          | Total Dissolved Solid (TDS)     |



54745

TEMP = 6-12  
REG ICE OK

NUMBER 3477

## FOSTER WHEELER ENVIRONMENTAL CORPORATION

## CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

PAGE 1 OF 1

| PROJECT <u>JPL</u>                                            |                | OFS NO. <u>1572.0276</u>                 |                                               | HAZARD IDENTIFICATION<br>Non Hazard <input checked="" type="checkbox"/> Reactive <input type="checkbox"/><br>Flammable <input type="checkbox"/> Toxic <input type="checkbox"/><br>Skin Irritant <input type="checkbox"/> Infectious <input type="checkbox"/> |                                                   | TIME REQUIRED<br>NORMAL <input checked="" type="checkbox"/> DAYS<br>RUSH <input type="checkbox"/> DAYS |                        |                                               |             |             |           |
|---------------------------------------------------------------|----------------|------------------------------------------|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------------------------------------------------------------|------------------------|-----------------------------------------------|-------------|-------------|-----------|
| PROJECT ADDRESS<br><u>4300 Oak Grove Drive</u>                |                |                                          |                                               | ANALYSES REQUIRED                                                                                                                                                                                                                                            |                                                   |                                                                                                        |                        |                                               |             |             |           |
| SAMPLER (Name)<br><u>ITIS MAYES</u>                           |                | SAMPLER (Signature)<br><u>Itis Mayes</u> |                                               | TOTAL AS, Cr, Pb<br>(Loels, 7000)<br>MS for VOCs<br>MS for VOCs<br>MS for VOCs<br>QC for Cr                                                                                                                                                                  |                                                   |                                                                                                        |                        |                                               |             |             |           |
| LABORATORY<br><u>Montgomery Watson</u>                        |                |                                          |                                               | MS for VOCs<br>MS for VOCs<br>MS for VOCs<br>QC for Cr                                                                                                                                                                                                       |                                                   |                                                                                                        |                        |                                               |             |             |           |
| REPORTS TO BE SENT TO<br><u>Mr Mark Cutler</u>                |                |                                          |                                               | MS for VOCs<br>MS for VOCs<br>MS for VOCs<br>QC for Cr                                                                                                                                                                                                       |                                                   |                                                                                                        |                        |                                               |             |             |           |
| SAMPLE NUMBER                                                 | TIME COLLECTED | DATE COLLECTED                           | NUMBER OF CONTAINERS                          | CONTAINER SIZE(S)                                                                                                                                                                                                                                            | SAMPLE MATERIAL                                   |                                                                                                        |                        | MS for VOCs                                   | MS for VOCs | MS for VOCs | QC for Cr |
|                                                               |                |                                          |                                               |                                                                                                                                                                                                                                                              | WATER                                             | SOIL                                                                                                   | OTHER (Describe)       |                                               |             |             |           |
| MW-992-080                                                    | 11:50          | 6/1/99                                   | 6                                             | 2x40ml, 1x250ml, 1x500ml, 2x125ml                                                                                                                                                                                                                            | X                                                 |                                                                                                        |                        | X                                             | X           | X           | X         |
| MW-992-029                                                    | 1100           | 6/1/99                                   | 6                                             | 2x40ml, 1x250ml, 1x500ml, 2x125ml                                                                                                                                                                                                                            | X                                                 |                                                                                                        |                        | X                                             | X           | X           | X         |
| MW-992-103                                                    | 1045           | 6/1/99                                   | 5                                             | 2x40ml, 1x250ml, 1x500ml, 1x125ml                                                                                                                                                                                                                            | X                                                 |                                                                                                        |                        | X                                             | X           | X           | X         |
| MW-992-104                                                    | 1030           | 6/1/99                                   | 2                                             | 2x40ml                                                                                                                                                                                                                                                       | X                                                 |                                                                                                        |                        | X                                             | X           | X           | X         |
| MW-992-023                                                    | 1200           | 6/1/99                                   | 6                                             | 2x40ml, 2x250ml, 2x125ml                                                                                                                                                                                                                                     | X                                                 |                                                                                                        |                        | X                                             | X           | X           | X         |
| MW-992-028MS                                                  | 1100           | 6/1/99                                   | 2                                             | 2x40ml                                                                                                                                                                                                                                                       | X                                                 |                                                                                                        |                        |                                               | X           |             |           |
| MW-992-028MSD                                                 | 1200           | 6/1/99                                   | 2                                             | 2x40ml                                                                                                                                                                                                                                                       | X                                                 |                                                                                                        |                        |                                               | X           |             |           |
| MW-992-025                                                    | 1300           | 6/1/99                                   | 6                                             | 2x40ml, 1x250ml, 1x500ml, 2x125ml                                                                                                                                                                                                                            | X                                                 |                                                                                                        |                        | X                                             | X           | X           | X         |
| LABORATORY INSTRUCTIONS/COMMENTS<br><br><u>Level IV QA/QC</u> |                |                                          |                                               |                                                                                                                                                                                                                                                              |                                                   |                                                                                                        |                        |                                               |             |             |           |
| RELINQUISHED BY (Signature)<br><u>Itis Mayes</u>              |                | DATE<br><u>6/1/99</u>                    | RECEIVED BY (Signature)<br><u>[Signature]</u> |                                                                                                                                                                                                                                                              | RELINQUISHED BY (Signature)<br><u>[Signature]</u> |                                                                                                        | DATE<br><u>[Blank]</u> | RECEIVED BY (Signature)<br><u>[Signature]</u> |             |             |           |
| COMPANY<br><u>Foster Wheeler</u>                              |                | TIME<br><u>[Blank]</u>                   | COMPANY<br><u>[Blank]</u>                     |                                                                                                                                                                                                                                                              | COMPANY<br><u>[Blank]</u>                         |                                                                                                        | TIME<br><u>[Blank]</u> | COMPANY<br><u>[Blank]</u>                     |             |             |           |

MONTGOMERY WATSON COOLER RECEIPT FORM

PROJECT: ENJERCH

DATE RECEIVED: 6-1-99

Use back of form to note check-in problems and describe action(s) regarding the resolution(s) of problems.

A. PRELIMINARY EXAMINATION

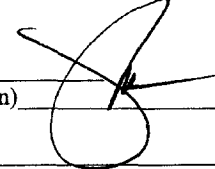
Date Cooler opened: 6-1-99

By (print) MARTIN L. DEMESA (sign) 

1. Did cooler come with shipping slip (air bill, etc.)? Yes ☒ No ☐  
If yes, attach and enter carrier and air bill number here: DEL BY CLIENT
2. Were custody seals on outside of cooler? Yes ☒ No ☐  
If yes, how many and where: 2 OUTSIDE LID  
If yes, enter the following: seal date: 6-1-99 seal name: I.M.
3. Were custody seals unbroken and intact at delivery? Yes ☒ No ☐
4. Were custody papers sealed in bag and taped to lid? Yes ☐ No ☒
5. Were custody papers filled out properly (ink, etc.)? Yes ☒ No ☐
6. Did you sign custody papers in appropriate place? Yes ☒ No ☐
7. Was project identifiable from custody papers? Yes ☒ No ☐
8. Have designated person(s) initial and acknowledge receipt: MLD date: 6-1-99

B. LOGIN PHASE

Date samples were logged in: 6-1-99

By (print) M. DE MESA (sign) 

9. Describe packing: \_\_\_\_\_
10. If required, was enough ice used? Yes ☒ No ☐
11. Were all bottles sealed in separate plastic bags? Yes ☒ No ☐
12. Did all bottles arrive unbroken and in good condition? Yes ☒ No ☐
13. Were all bottle labels complete (ID, date, sign, preservative)?
14. Did all bottle labels agree with custody papers? If no, list on back. Yes ☒ No ☐
15. Were correct containers used for the analytes? Yes ☒ No ☐
16. Were correct preservatives used when required? Yes ☒ No ☐
17. Was sufficient amount of sample sent for tests? Yes ☒ No ☐
18. Bubbles absent in VOA vials? If no, list by sample ID on back. Yes ☒ No ☐
19. Was Client Services informed of problems? Yes ☐ No ☒

N/A

Report Summary of positive results, PR54745

|          |                                             |            | Result | MDL    | UNITS |
|----------|---------------------------------------------|------------|--------|--------|-------|
| Analyzed | 990601236                                   | MW-992-030 |        |        |       |
| 06/03/99 | Carbon Tetrachloride                        |            | 1.6    | .500   | UGL   |
| 06/03/99 | Chloroform (Trichloromethane)               |            | 0.5    | .500   | UGL   |
| 06/11/99 | Alkalinity                                  |            | 170    | 2.000  | MGL   |
| 06/15/99 | Anion Sum                                   |            | 4.31   | .001   | MEQL  |
| 06/15/99 | Bicarbonate as HCO <sub>3</sub> ,calculated |            | 207    | .001   | MGL   |
| 06/15/99 | Calcium, Total, ICAP                        |            | 40.9   | 1.000  | MGL   |
| 06/15/99 | Carbonate as CO <sub>3</sub> , Calculated   |            | 1.35   | .001   | MGL   |
| 06/16/99 | Cation Sum                                  |            | 4.50   | .001   | MEQL  |
| 06/02/99 | Chloride                                    |            | 13.8   | 1.000  | MGL   |
| 06/11/99 | Iron, Total, ICAP/MS                        |            | 180    | *****  | UGL   |
| 06/08/99 | Lab pH                                      |            | 8.0    | .001   | UNIT  |
| 06/15/99 | Magnesium, Total, ICAP                      |            | 11.3   | .100   | MGL   |
| 06/02/99 | Nitrate-N by IC                             |            | 1.22   | .100   | MGL   |
| 06/15/99 | Potassium, Total, ICAP                      |            | 2.0    | 1.000  | MGL   |
| 06/15/99 | Sodium, Total, ICAP                         |            | 33.9   | 1.000  | MGL   |
| 06/02/99 | Specific Conductance                        |            | 400    | 4.000  | UMHO  |
| 06/02/99 | Sulfate                                     |            | 20.9   | 2.000  | MGL   |
| 06/03/99 | Total Dissolved Solid (TDS)                 |            | 240    | 10.000 | MGL   |
| Analyzed | 990601237                                   | MW-992-029 |        |        |       |
| 06/03/99 | Carbon Tetrachloride                        |            | 4.0    | .500   | UGL   |
| 06/03/99 | Chloroform (Trichloromethane)               |            | 1.0    | .500   | UGL   |
| 06/11/99 | Alkalinity                                  |            | 180    | 2.000  | MGL   |
| 06/15/99 | Anion Sum                                   |            | 4.74   | .001   | MEQL  |
| 06/15/99 | Bicarbonate as HCO <sub>3</sub> ,calculated |            | 219    | .001   | MGL   |
| 06/15/99 | Calcium, Total, ICAP                        |            | 53.3   | 1.000  | MGL   |
| 06/15/99 | Carbonate as CO <sub>3</sub> , Calculated   |            | 1.42   | .001   | MGL   |
| 06/16/99 | Cation Sum                                  |            | 4.91   | .001   | MEQL  |
| 06/02/99 | Chloride                                    |            | 14.0   | 1.000  | MGL   |
| 06/11/99 | Iron, Total, ICAP/MS                        |            | 110    | *****  | UGL   |
| 06/08/99 | Lab pH                                      |            | 8.0    | .001   | UNIT  |
| 06/15/99 | Magnesium, Total, ICAP                      |            | 13.7   | .100   | MGL   |
| 06/02/99 | Nitrate-N by IC                             |            | 1.44   | .100   | MGL   |
| 06/16/99 | Perchlorate                                 |            | 9.1    | 4.000  | UGL   |
| 06/15/99 | Potassium, Total, ICAP                      |            | 2.2    | 1.000  | MGL   |
| 06/15/99 | Sodium, Total, ICAP                         |            | 24.3   | 1.000  | MGL   |
| 06/02/99 | Specific Conductance                        |            | 430    | 4.000  | UMHO  |
| 06/02/99 | Sulfate                                     |            | 30.6   | 2.000  | MGL   |
| 06/03/99 | Total Dissolved Solid (TDS)                 |            | 260    | 10.000 | MGL   |
| Analyzed | 990601238                                   | MW-992-103 |        |        |       |
| 06/03/99 | Chloroform (Trichloromethane)               |            | 1.1    | .500   | UGL   |
| Analyzed | 990601239                                   | MW-992-104 |        |        |       |
| Analyzed | 990601240                                   | MW-992-028 |        |        |       |
| 06/07/99 | Carbon Tetrachloride                        |            | 19     | 1.000  | UGL   |
| 06/03/99 | Chloroform (Trichloromethane)               |            | 2.0    | .500   | UGL   |
| 06/11/99 | Alkalinity                                  |            | 176    | 2.000  | MGL   |
| 06/15/99 | Anion Sum                                   |            | 5.00   | .001   | MEQL  |



|          |                                             |      |        |      |
|----------|---------------------------------------------|------|--------|------|
| 06/15/99 | Bicarbonate as HCO <sub>3</sub> ,calculated | 214  | .001   | MGL  |
| 06/15/99 | Calcium, Total, ICAP                        | 55.3 | 1.000  | MGL  |
| 06/15/99 | Carbonate as CO <sub>3</sub> , Calculated   | 1.75 | .001   | MGL  |
| 06/16/99 | Cation Sum                                  | 5.15 | .001   | MEQL |
| 06/02/99 | Chloride                                    | 18.4 | 1.000  | MGL  |
| 06/08/99 | Lab pH                                      | 8.1  | .001   | UNIT |
| 06/15/99 | Magnesium, Total, ICAP                      | 15.5 | .100   | MGL  |
| 06/02/99 | Nitrate-N by IC                             | 1.76 | .100   | MGL  |
| 06/16/99 | Perchlorate                                 | 8.7  | 4.000  | UGL  |
| 06/15/99 | Potassium, Total, ICAP                      | 2.7  | 1.000  | MGL  |
| 06/15/99 | Sodium, Total, ICAP                         | 23.9 | 1.000  | MGL  |
| 06/02/99 | Specific Conductance                        | 470  | 4.000  | UMHO |
| 06/02/99 | Sulfate                                     | 40.2 | 2.000  | MGL  |
| 06/03/99 | Total Dissolved Solid (TDS)                 | 300  | 10.000 | MGL  |

Analyzed 990601241 MW-992-025

|          |                                             |       |        |      |
|----------|---------------------------------------------|-------|--------|------|
| 06/11/99 | Alkalinity                                  | 176   | 2.000  | MGL  |
| 06/15/99 | Anion Sum                                   | 4.49  | .001   | MEQL |
| 06/15/99 | Bicarbonate as HCO <sub>3</sub> ,calculated | 214   | .001   | MGL  |
| 06/15/99 | Calcium, Total, ICAP                        | 42.9  | 1.000  | MGL  |
| 06/15/99 | Carbonate as CO <sub>3</sub> , Calculated   | 0.697 | .001   | MGL  |
| 06/16/99 | Cation Sum                                  | 4.42  | .001   | MEQL |
| 06/02/99 | Chloride                                    | 9.66  | 1.000  | MGL  |
| 06/11/99 | Iron, Total, ICAP/MS                        | 640   | *****  | UGL  |
| 06/08/99 | Lab pH                                      | 7.7   | .001   | UNIT |
| 06/15/99 | Magnesium, Total, ICAP                      | 15.9  | .100   | MGL  |
| 06/02/99 | Nitrate-N by IC                             | 0.64  | .100   | MGL  |
| 06/15/99 | Potassium, Total, ICAP                      | 2.9   | 1.000  | MGL  |
| 06/15/99 | Sodium, Total, ICAP                         | 20.5  | 1.000  | MGL  |
| 06/02/99 | Specific Conductance                        | 390   | 4.000  | UMHO |
| 06/02/99 | Sulfate                                     | 31.4  | 2.000  | MGL  |
| 06/08/99 | Total Dissolved Solid (TDS)                 | 230   | 10.000 | MGL  |



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**Laboratory Report**

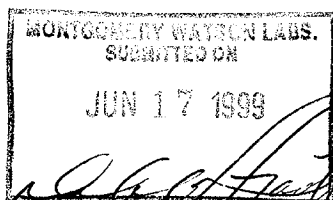
for

Foster Wheeler Environmental, Inc  
611 Anton Boulevard

Suite 800

Costa Mesa , CA 92626

Attention: Mark Cutler  
Fax: (714) 444-5560



DEB\* Debbie Frank

Report#: 54745  
JPL

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**Laboratory  
 Report  
 #54745**

Foster Wheeler Environmental, Inc  
 Mark Cutler  
 611 Anton Boulevard  
 Suite 800  
 Costa Mesa , CA 92626

Samples Received  
 01-jun-1999 15:44:54

| Prepared                                               | Analyzed | QC Batch# | Method            | Analyte                                      | Result | Units   | MRL    | Dilution |
|--------------------------------------------------------|----------|-----------|-------------------|----------------------------------------------|--------|---------|--------|----------|
| <b>MW-992-030 (990601236)      Sampled on 06/01/99</b> |          |           |                   |                                              |        |         |        |          |
|                                                        | 06/11/99 | 97563     | ( ML/SM2320B )    | Alkalinity                                   | 170    | mg/l    | 2.0    | 1        |
|                                                        | 06/15/99 |           | ( ML/SM1040 )     | Anion Sum                                    | 4.31   | meq/l   | 0.0010 | 1        |
| 06/10/99                                               | 06/14/99 | 97585     | ( S3113B/E200.9 ) | Arsenic, Total, GF                           | ND     | mg/l    | 0.005  | 1        |
| 06/15/99                                               | 06/15/99 | 97612     | ( ML/EPA 200.7 )  | Calcium, Total, ICAP                         | 40.9   | mg/l    | 1.0    | 1        |
|                                                        | 06/16/99 |           | ( ML/SM1040 )     | Cation Sum                                   | 4.50   | meq/l   | 0.0010 | 1        |
|                                                        | 06/02/99 | 97067     | ( ML/EPA 300 )    | Chloride                                     | 13.8   | mg/l    | 1.0    | 1        |
|                                                        | 06/16/99 | 97644     | ( MOD/EPA 300 )   | Perchlorate                                  | ND     | ug/l    | 4.0    | 1        |
|                                                        | 06/15/99 |           | ( ML/SM2320B )    | Carbonate as CO <sub>3</sub> , Calculated    | 1.35   | mg/l    | 0.0010 | 1        |
| 06/10/99                                               | 06/11/99 | 97491     | ( EPA/ML 200.8 )  | Chromium, Total, ICAP/MS                     | ND     | ug/l    | 10     | 1        |
|                                                        | 06/01/99 | 96971     | ( ML/SW 7196 )    | Hexavalent chromium (Cr VI)                  | ND     | mg/l    | 0.005  | 1        |
|                                                        | 06/02/99 | 96994     | ( ML/S2510B )     | Specific Conductance                         | 400    | umho/cm | 4.0    | 1        |
| 06/10/99                                               | 06/11/99 | 97492     | ( EPA/ML 200.8 )  | Iron, Total, ICAP/MS                         | 180    | ug/l    | 100    | 1        |
|                                                        | 06/15/99 |           | ( ML/SM2320B )    | Bicarbonate as HCO <sub>3</sub> , calculated | 207    | mg/l    | 0.0010 | 1        |
| 06/15/99                                               | 06/15/99 | 97614     | ( ML/EPA 200.7 )  | Potassium, Total, ICAP                       | 2.0    | mg/l    | 1.0    | 1        |
| 06/15/99                                               | 06/15/99 | 97619     | ( ML/EPA 200.7 )  | Magnesium, Total, ICAP                       | 11.3   | mg/l    | 0.10   | 1        |
| 06/15/99                                               | 06/15/99 | 97621     | ( ML/EPA 200.7 )  | Sodium, Total, ICAP                          | 33.9   | mg/l    | 1.0    | 1        |
|                                                        | 06/02/99 | 97068     | ( ML/EPA 300.0 )  | Nitrate-N by IC                              | 1.22   | mg/l    | 0.10   | 1        |
| 06/10/99                                               | 06/11/99 | 97493     | ( EPA/ML 200.8 )  | Lead, Total, ICAP/MS                         | ND     | ug/l    | 2.0    | 1        |
|                                                        | 06/08/99 | 97348     | ( ML/SM 4500HB )  | Lab pH                                       | 8.0    | Units   | 0.0010 | 1        |
|                                                        | 06/02/99 | 97069     | ( ML/EPA 300.0 )  | Sulfate                                      | 20.9   | mg/l    | 2.0    | 1        |
|                                                        | 06/03/99 | 97168     | ( ML/SM2540C )    | Total Dissolved Solid (TDS)                  | 240    | mg/l    | 10     | 1        |

**Regulated VOCs plus Lists 1&3**

|          |       |                  |                           |    |      |      |   |
|----------|-------|------------------|---------------------------|----|------|------|---|
| 06/03/99 | 97321 | ( ML/EPA 524.2 ) | 1,1,1,2-Tetrachloroethane | ND | ug/l | 0.50 | 1 |
| 06/03/99 | 97321 | ( ML/EPA 524.2 ) | 1,1,1-Trichloroethane     | ND | ug/l | 0.50 | 1 |
| 06/03/99 | 97321 | ( ML/EPA 524.2 ) | 1,1,2,2-Tetrachloroethane | ND | ug/l | 0.50 | 1 |
| 06/03/99 | 97321 | ( ML/EPA 524.2 ) | 1,1,2-Trichloroethane     | ND | ug/l | 0.50 | 1 |
| 06/03/99 | 97321 | ( ML/EPA 524.2 ) | 1,1-Dichloroethane        | ND | ug/l | 0.50 | 1 |
| 06/03/99 | 97321 | ( ML/EPA 524.2 ) | 1,1-Dichloroethylene      | ND | ug/l | 0.50 | 1 |
| 06/03/99 | 97321 | ( ML/EPA 524.2 ) | 1,1-Dichloropropene       | ND | ug/l | 0.50 | 1 |
| 06/03/99 | 97321 | ( ML/EPA 524.2 ) | 1,2,3-Trichlorobenzene    | ND | ug/l | 0.50 | 1 |

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**Laboratory  
Report  
#54745**

Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method            | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|-------------------|---------------------------------|--------|-------|------|----------|
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | 1,2,3-Trichloropropane          | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | 1,2,4-Trichlorobenzene          | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | 1,2,4-Trimethylbenzene          | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | 1,2-Dichloroethane              | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | 1,2-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | 1,3,5-Trimethylbenzene          | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | 1,3-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | p-Dichlorobenzene (1,4-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | 2,2-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | 2-Butanone (MEK)                | ND     | ug/l  | 5.0  | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | o-Chlorotoluene                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | p-Chlorotoluene                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | 4-Methyl-2-Pentanone (MIBK)     | ND     | ug/l  | 5.0  | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Benzene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Bromobenzene                    | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Bromomethane (Methyl Bromide)   | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | cis-1,2-Dichloroethylene        | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Chlorobenzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Carbon Tetrachloride            | 1.6    | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | cis-1,3-Dichloropropene         | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Bromoform                       | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Chloroform (Trichloromethane)   | 0.5    | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Bromochloromethane              | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Chloroethane                    | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Chloromethane (Methyl Chloride) | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Chlorodibromomethane            | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Dibromomethane                  | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Bromodichloromethane            | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Dichloromethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Ethyl benzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/ES24.2/624 ) | Dichlorodifluoromethane         | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Fluorotrichloromethane-Freon11  | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Hexachlorobutadiene             | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Isopropylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | m-Dichlorobenzene (1,3-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | m,p-Xylenes                     | ND     | ug/l  | 0.50 | 1        |

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**Laboratory****Report****#54745**Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method           | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|------------------|---------------------------------|--------|-------|------|----------|
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 ) | Naphthalene                     | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 ) | n-Butylbenzene                  | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 ) | n-Propylbenzene                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 ) | o-Xylene                        | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 ) | o-Dichlorobenzene (1,2-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 ) | Tetrachloroethylene (PCE)       | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 ) | p-Isopropyltoluene              | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 ) | sec-Butylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 ) | Styrene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 ) | trans-1,2-Dichloroethylene      | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 ) | tert-Butylbenzene               | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 ) | Trichloroethylene (TCE)         | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 ) | Trichlorotrifluoroethane (Freon | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 ) | trans-1,3-Dichloropropene       | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 ) | Toluene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 ) | Vinyl chloride (VC)             | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )    | None detected                   | ND     |       |      | 1        |
|          |          |           | ( Surrogate )    | 1,2-Dichloroethane-d4           | 107    | % Rec |      |          |
|          |          |           | ( Surrogate )    | 4-Bromofluorobenzene            | 95     | % Rec |      |          |
|          |          |           | ( Surrogate )    | Toluene-d8                      | 100    | % Rec |      |          |

**MW-992-029 (990601237)****Sampled on 06/01/99**

|          |          |       |                   |                                |      |         |        |   |
|----------|----------|-------|-------------------|--------------------------------|------|---------|--------|---|
|          | 06/11/99 | 97563 | ( ML/SM2320B )    | Alkalinity                     | 180  | mg/l    | 2.0    | 1 |
|          | 06/15/99 |       | ( ML/SM1040 )     | Anion Sum                      | 4.74 | meq/l   | 0.0010 | 1 |
| 06/10/99 | 06/14/99 | 97585 | ( S3113B/E200.9 ) | Arsenic, Total, GF             | ND   | mg/l    | 0.005  | 1 |
| 06/15/99 | 06/15/99 | 97612 | ( ML/EPA 200.7 )  | Calcium, Total, ICAP           | 53.3 | mg/l    | 1.0    | 1 |
|          | 06/16/99 |       | ( ML/SM1040 )     | Cation Sum                     | 4.91 | meq/l   | 0.0010 | 1 |
|          | 06/02/99 | 97067 | ( ML/EPA 300 )    | Chloride                       | 14.0 | mg/l    | 1.0    | 1 |
|          | 06/16/99 | 97644 | ( MOD/EPA 300 )   | Perchlorate                    | 9.1  | ug/l    | 4.0    | 1 |
|          | 06/15/99 |       | ( ML/SM2320B )    | Carbonate as CO3, Calculated   | 1.42 | mg/l    | 0.0010 | 1 |
| 06/10/99 | 06/11/99 | 97491 | ( EPA/ML 200.8 )  | Chromium, Total, ICAP/MS       | ND   | ug/l    | 10     | 1 |
|          | 06/01/99 | 96971 | ( ML/SW 7196 )    | Hexavalent chromium (Cr VI)    | ND   | mg/l    | 0.005  | 1 |
|          | 06/02/99 | 96994 | ( ML/S2510B )     | Specific Conductance           | 430  | umho/cm | 4.0    | 1 |
| 06/10/99 | 06/11/99 | 97492 | ( EPA/ML 200.8 )  | Iron, Total, ICAP/MS           | 110  | ug/l    | 100    | 1 |
|          | 06/15/99 |       | ( ML/SM2320B )    | Bicarbonate as HCO3,calculated | 219  | mg/l    | 0.0010 | 1 |
| 06/15/99 | 06/15/99 | 97614 | ( ML/EPA 200.7 )  | Potassium, Total, ICAP         | 2.2  | mg/l    | 1.0    | 1 |

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**Laboratory****Report****#54745**Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method           | Analyte                     | Result | Units | MRL    | Dilution |
|----------|----------|-----------|------------------|-----------------------------|--------|-------|--------|----------|
| 06/15/99 | 06/15/99 | 97619     | ( ML/EPA 200.7 ) | Magnesium, Total, ICAP      | 13.7   | mg/l  | 0.10   | 1        |
| 06/15/99 | 06/15/99 | 97621     | ( ML/EPA 200.7 ) | Sodium, Total, ICAP         | 24.3   | mg/l  | 1.0    | 1        |
|          | 06/02/99 | 97068     | ( ML/EPA 300.0 ) | Nitrate-N by IC             | 1.44   | mg/l  | 0.10   | 1        |
| 06/10/99 | 06/11/99 | 97493     | ( EPA/ML 200.8 ) | Lead, Total, ICAP/MS        | ND     | ug/l  | 2.0    | 1        |
|          | 06/08/99 | 97348     | ( ML/SM 4500HB)  | Lab pH                      | 8.0    | Units | 0.0010 | 1        |
|          | 06/02/99 | 97069     | ( ML/EPA 300.0 ) | Sulfate                     | 30.6   | mg/l  | 2.0    | 1        |
|          | 06/03/99 | 97168     | ( ML/SM2540C )   | Total Dissolved Solid (TDS) | 260    | mg/l  | 10     | 1        |

**Regulated VOCs plus Lists 1&3**

|          |       |                  |                               |     |      |      |   |
|----------|-------|------------------|-------------------------------|-----|------|------|---|
| 06/03/99 | 97321 | ( ML/EPA 524.2 ) | 1,1,1,2-Tetrachloroethane     | ND  | ug/l | 0.50 | 1 |
| 06/03/99 | 97321 | ( ML/EPA 524.2 ) | 1,1,1-Trichloroethane         | ND  | ug/l | 0.50 | 1 |
| 06/03/99 | 97321 | ( ML/EPA 524.2 ) | 1,1,2,2-Tetrachloroethane     | ND  | ug/l | 0.50 | 1 |
| 06/03/99 | 97321 | ( ML/EPA 524.2 ) | 1,1,2-Trichloroethane         | ND  | ug/l | 0.50 | 1 |
| 06/03/99 | 97321 | ( ML/EPA 524.2 ) | 1,1-Dichloroethane            | ND  | ug/l | 0.50 | 1 |
| 06/03/99 | 97321 | ( ML/EPA 524.2 ) | 1,1-Dichloroethylene          | ND  | ug/l | 0.50 | 1 |
| 06/03/99 | 97321 | ( ML/EPA 524.2 ) | 1,1-Dichloropropene           | ND  | ug/l | 0.50 | 1 |
| 06/03/99 | 97321 | ( ML/EPA 524.2 ) | 1,2,3-Trichlorobenzene        | ND  | ug/l | 0.50 | 1 |
| 06/03/99 | 97321 | ( ML/EPA 524.2 ) | 1,2,3-Trichloropropane        | ND  | ug/l | 0.50 | 1 |
| 06/03/99 | 97321 | ( ML/EPA 524.2 ) | 1,2,4-Trichlorobenzene        | ND  | ug/l | 0.50 | 1 |
| 06/03/99 | 97321 | ( ML/EPA 524.2 ) | 1,2,4-Trimethylbenzene        | ND  | ug/l | 0.50 | 1 |
| 06/03/99 | 97321 | ( ML/EPA 524.2 ) | 1,2-Dichloroethane            | ND  | ug/l | 0.50 | 1 |
| 06/03/99 | 97321 | ( ML/EPA 524.2 ) | 1,2-Dichloropropane           | ND  | ug/l | 0.50 | 1 |
| 06/03/99 | 97321 | ( ML/EPA 524.2 ) | 1,3,5-Trimethylbenzene        | ND  | ug/l | 0.50 | 1 |
| 06/03/99 | 97321 | ( ML/EPA 524.2 ) | 1,3-Dichloropropane           | ND  | ug/l | 0.50 | 1 |
| 06/03/99 | 97321 | ( ML/EPA 524.2 ) | p-Dichlorobenzene (1,4-DCB)   | ND  | ug/l | 0.50 | 1 |
| 06/03/99 | 97321 | ( ML/EPA 524.2 ) | 2,2-Dichloropropane           | ND  | ug/l | 0.50 | 1 |
| 06/03/99 | 97321 | ( ML/EPA 524.2 ) | 2-Butanone (MEK)              | ND  | ug/l | 5.0  | 1 |
| 06/03/99 | 97321 | ( ML/EPA 524.2 ) | o-Chlorotoluene               | ND  | ug/l | 0.50 | 1 |
| 06/03/99 | 97321 | ( ML/EPA 524.2 ) | p-Chlorotoluene               | ND  | ug/l | 0.50 | 1 |
| 06/03/99 | 97321 | ( ML/EPA 524.2 ) | 4-Methyl-2-Pentanone (MIBK)   | ND  | ug/l | 5.0  | 1 |
| 06/03/99 | 97321 | ( ML/EPA 524.2 ) | Benzene                       | ND  | ug/l | 0.50 | 1 |
| 06/03/99 | 97321 | ( ML/EPA 524.2 ) | Bromobenzene                  | ND  | ug/l | 0.50 | 1 |
| 06/03/99 | 97321 | ( ML/EPA 524.2 ) | Bromomethane (Methyl Bromide) | ND  | ug/l | 0.50 | 1 |
| 06/03/99 | 97321 | ( ML/EPA 524.2 ) | cis-1,2-Dichloroethylene      | ND  | ug/l | 0.50 | 1 |
| 06/03/99 | 97321 | ( ML/EPA 524.2 ) | Chlorobenzene                 | ND  | ug/l | 0.50 | 1 |
| 06/03/99 | 97321 | ( ML/EPA 524.2 ) | Carbon Tetrachloride          | 4.0 | ug/l | 0.50 | 1 |

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**Laboratory****Report****#54745**Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method            | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|-------------------|---------------------------------|--------|-------|------|----------|
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | cis-1,3-Dichloropropene         | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Bromoform                       | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Chloroform (Trichloromethane)   | 1.0    | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Bromochloromethane              | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Chloroethane                    | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Chloromethane (Methyl Chloride) | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Chlorodibromomethane            | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Dibromomethane                  | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Bromodichloromethane            | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Dichloromethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Ethyl benzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/E524.2/624 ) | Dichlorodifluoromethane         | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Fluorotrichloromethane-Freon11  | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Hexachlorobutadiene             | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Isopropylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | m-Dichlorobenzene (1,3-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | m,p-Xylenes                     | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Naphthalene                     | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | n-Butylbenzene                  | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | n-Propylbenzene                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | o-Xylene                        | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | o-Dichlorobenzene (1,2-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Tetrachloroethylene (PCE)       | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | p-Isopropyltoluene              | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | sec-Butylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Styrene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | trans-1,2-Dichloroethylene      | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | tert-Butylbenzene               | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Trichloroethylene (TCE)         | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Trichlorotrifluoroethane (Freon | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | trans-1,3-Dichloropropene       | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Toluene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Vinyl chloride (VC)             | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )     | None detected                   | ND     |       |      | 1        |
|          |          |           | ( Surrogate )     | 1,2-Dichloroethane-d4           | 112    | % Rec |      |          |
|          |          |           | ( Surrogate )     | 4-Bromofluorobenzene            | 90     | % Rec |      |          |

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**Laboratory****Report****#54745**Foster Wheeler Environmental, Inc  
(continued)

| Prepared                                                        | Analyzed | QC Batch#        | Method                        | Analyte                     | Result | Units | MRL   | Dilution |
|-----------------------------------------------------------------|----------|------------------|-------------------------------|-----------------------------|--------|-------|-------|----------|
|                                                                 |          |                  | ( Surrogate )                 | Toluene-d8                  | 100    | % Rec |       |          |
| MW-992-103 (990601238)                      Sampled on 06/01/99 |          |                  |                               |                             |        |       |       |          |
| 06/10/99                                                        | 06/14/99 | 97585            | ( S3113B/E200.9 )             | Arsenic, Total, GF          | ND     | mg/l  | 0.005 | 1        |
|                                                                 | 06/16/99 | 97644            | ( MOD/EPA 300 )               | Perchlorate                 | ND     | ug/l  | 4.0   | 1        |
| 06/10/99                                                        | 06/11/99 | 97491            | ( EPA/ML 200.8 )              | Chromium, Total, ICAP/MS    | ND     | ug/l  | 10    | 1        |
|                                                                 | 06/01/99 | 96971            | ( ML/SW 7196 )                | Hexavalent chromium (Cr VI) | ND     | mg/l  | 0.005 | 1        |
| 06/10/99                                                        | 06/11/99 | 97493            | ( EPA/ML 200.8 )              | Lead, Total, ICAP/MS        | ND     | ug/l  | 2.0   | 1        |
| Regulated VOCs plus Lists 1&3                                   |          |                  |                               |                             |        |       |       |          |
| 06/03/99                                                        | 97321    | ( ML/EPA 524.2 ) | 1,1,1,2-Tetrachloroethane     | ND                          | ug/l   | 0.50  | 1     |          |
| 06/03/99                                                        | 97321    | ( ML/EPA 524.2 ) | 1,1,1-Trichloroethane         | ND                          | ug/l   | 0.50  | 1     |          |
| 06/03/99                                                        | 97321    | ( ML/EPA 524.2 ) | 1,1,2,2-Tetrachloroethane     | ND                          | ug/l   | 0.50  | 1     |          |
| 06/03/99                                                        | 97321    | ( ML/EPA 524.2 ) | 1,1,2-Trichloroethane         | ND                          | ug/l   | 0.50  | 1     |          |
| 06/03/99                                                        | 97321    | ( ML/EPA 524.2 ) | 1,1-Dichloroethane            | ND                          | ug/l   | 0.50  | 1     |          |
| 06/03/99                                                        | 97321    | ( ML/EPA 524.2 ) | 1,1-Dichloroethylene          | ND                          | ug/l   | 0.50  | 1     |          |
| 06/03/99                                                        | 97321    | ( ML/EPA 524.2 ) | 1,1-Dichloropropene           | ND                          | ug/l   | 0.50  | 1     |          |
| 06/03/99                                                        | 97321    | ( ML/EPA 524.2 ) | 1,2,3-Trichlorobenzene        | ND                          | ug/l   | 0.50  | 1     |          |
| 06/03/99                                                        | 97321    | ( ML/EPA 524.2 ) | 1,2,3-Trichloropropane        | ND                          | ug/l   | 0.50  | 1     |          |
| 06/03/99                                                        | 97321    | ( ML/EPA 524.2 ) | 1,2,4-Trichlorobenzene        | ND                          | ug/l   | 0.50  | 1     |          |
| 06/03/99                                                        | 97321    | ( ML/EPA 524.2 ) | 1,2,4-Trimethylbenzene        | ND                          | ug/l   | 0.50  | 1     |          |
| 06/03/99                                                        | 97321    | ( ML/EPA 524.2 ) | 1,2-Dichloroethane            | ND                          | ug/l   | 0.50  | 1     |          |
| 06/03/99                                                        | 97321    | ( ML/EPA 524.2 ) | 1,2-Dichloropropane           | ND                          | ug/l   | 0.50  | 1     |          |
| 06/03/99                                                        | 97321    | ( ML/EPA 524.2 ) | 1,3,5-Trimethylbenzene        | ND                          | ug/l   | 0.50  | 1     |          |
| 06/03/99                                                        | 97321    | ( ML/EPA 524.2 ) | 1,3-Dichloropropane           | ND                          | ug/l   | 0.50  | 1     |          |
| 06/03/99                                                        | 97321    | ( ML/EPA 524.2 ) | p-Dichlorobenzene (1,4-DCB)   | ND                          | ug/l   | 0.50  | 1     |          |
| 06/03/99                                                        | 97321    | ( ML/EPA 524.2 ) | 2,2-Dichloropropane           | ND                          | ug/l   | 0.50  | 1     |          |
| 06/03/99                                                        | 97321    | ( ML/EPA 524.2 ) | 2-Butanone (MEK)              | ND                          | ug/l   | 5.0   | 1     |          |
| 06/03/99                                                        | 97321    | ( ML/EPA 524.2 ) | o-Chlorotoluene               | ND                          | ug/l   | 0.50  | 1     |          |
| 06/03/99                                                        | 97321    | ( ML/EPA 524.2 ) | p-Chlorotoluene               | ND                          | ug/l   | 0.50  | 1     |          |
| 06/03/99                                                        | 97321    | ( ML/EPA 524.2 ) | 4-Methyl-2-Pentanone (MIBK)   | ND                          | ug/l   | 5.0   | 1     |          |
| 06/03/99                                                        | 97321    | ( ML/EPA 524.2 ) | Benzene                       | ND                          | ug/l   | 0.50  | 1     |          |
| 06/03/99                                                        | 97321    | ( ML/EPA 524.2 ) | Bromobenzene                  | ND                          | ug/l   | 0.50  | 1     |          |
| 06/03/99                                                        | 97321    | ( ML/EPA 524.2 ) | Bromomethane (Methyl Bromide) | ND                          | ug/l   | 0.50  | 1     |          |
| 06/03/99                                                        | 97321    | ( ML/EPA 524.2 ) | cis-1,2-Dichloroethylene      | ND                          | ug/l   | 0.50  | 1     |          |
| 06/03/99                                                        | 97321    | ( ML/EPA 524.2 ) | Chlorobenzene                 | ND                          | ug/l   | 0.50  | 1     |          |



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**Laboratory  
 Report  
 #54745**

Foster Wheeler Environmental, Inc  
 (continued)

| Prepared | Analyzed | QC Batch# | Method            | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|-------------------|---------------------------------|--------|-------|------|----------|
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Carbon Tetrachloride            | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | cis-1,3-Dichloropropene         | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Bromoform                       | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Chloroform (Trichloromethane)   | 1.1    | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Bromochloromethane              | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Chloroethane                    | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Chloromethane (Methyl Chloride) | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Chlorodibromomethane            | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Dibromomethane                  | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Bromodichloromethane            | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Dichloromethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Ethyl benzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/E524.2/624 ) | Dichlorodifluoromethane         | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Fluorotrichloromethane-Freon11  | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Hexachlorobutadiene             | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Isopropylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | m-Dichlorobenzene (1,3-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | m,p-Xylenes                     | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Naphthalene                     | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | n-Butylbenzene                  | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | n-Propylbenzene                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | o-Xylene                        | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | o-Dichlorobenzene (1,2-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Tetrachloroethylene (PCE)       | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | p-Isopropyltoluene              | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | sec-Butylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Styrene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | trans-1,2-Dichloroethylene      | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | tert-Butylbenzene               | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Trichloroethylene (TCE)         | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Trichlorotrifluoroethane (Freon | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | trans-1,3-Dichloropropene       | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Toluene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Vinyl chloride (VC)             | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )     | None detected                   | ND     |       |      | 1        |
|          |          |           | ( Surrogate )     | 1,2-Dichloroethane-d4           | 101    | % Rec |      |          |

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**Laboratory****Report****#54745**Foster Wheeler Environmental, Inc  
(continued)

| Prepared                                                        | Analyzed | QC Batch#        | Method                        | Analyte              | Result | Units | MRL | Dilution |
|-----------------------------------------------------------------|----------|------------------|-------------------------------|----------------------|--------|-------|-----|----------|
|                                                                 |          |                  | ( Surrogate )                 | 4-Bromofluorobenzene | 108    | % Rec |     |          |
|                                                                 |          |                  | ( Surrogate )                 | Toluene-d8           | 100    | % Rec |     |          |
| MW-992-104 (990601239)                      Sampled on 06/01/99 |          |                  |                               |                      |        |       |     |          |
| Regulated VOCs plus Lists 1&3                                   |          |                  |                               |                      |        |       |     |          |
| 06/03/99                                                        | 97321    | ( ML/EPA 524.2 ) | 1,1,1,2-Tetrachloroethane     | ND                   | ug/l   | 0.50  | 1   |          |
| 06/03/99                                                        | 97321    | ( ML/EPA 524.2 ) | 1,1,1-Trichloroethane         | ND                   | ug/l   | 0.50  | 1   |          |
| 06/03/99                                                        | 97321    | ( ML/EPA 524.2 ) | 1,1,2,2-Tetrachloroethane     | ND                   | ug/l   | 0.50  | 1   |          |
| 06/03/99                                                        | 97321    | ( ML/EPA 524.2 ) | 1,1,2-Trichloroethane         | ND                   | ug/l   | 0.50  | 1   |          |
| 06/03/99                                                        | 97321    | ( ML/EPA 524.2 ) | 1,1-Dichloroethane            | ND                   | ug/l   | 0.50  | 1   |          |
| 06/03/99                                                        | 97321    | ( ML/EPA 524.2 ) | 1,1-Dichloroethylene          | ND                   | ug/l   | 0.50  | 1   |          |
| 06/03/99                                                        | 97321    | ( ML/EPA 524.2 ) | 1,1-Dichloropropene           | ND                   | ug/l   | 0.50  | 1   |          |
| 06/03/99                                                        | 97321    | ( ML/EPA 524.2 ) | 1,2,3-Trichlorobenzene        | ND                   | ug/l   | 0.50  | 1   |          |
| 06/03/99                                                        | 97321    | ( ML/EPA 524.2 ) | 1,2,3-Trichloropropane        | ND                   | ug/l   | 0.50  | 1   |          |
| 06/03/99                                                        | 97321    | ( ML/EPA 524.2 ) | 1,2,4-Trichlorobenzene        | ND                   | ug/l   | 0.50  | 1   |          |
| 06/03/99                                                        | 97321    | ( ML/EPA 524.2 ) | 1,2,4-Trimethylbenzene        | ND                   | ug/l   | 0.50  | 1   |          |
| 06/03/99                                                        | 97321    | ( ML/EPA 524.2 ) | 1,2-Dichloroethane            | ND                   | ug/l   | 0.50  | 1   |          |
| 06/03/99                                                        | 97321    | ( ML/EPA 524.2 ) | 1,2-Dichloropropane           | ND                   | ug/l   | 0.50  | 1   |          |
| 06/03/99                                                        | 97321    | ( ML/EPA 524.2 ) | 1,3,5-Trimethylbenzene        | ND                   | ug/l   | 0.50  | 1   |          |
| 06/03/99                                                        | 97321    | ( ML/EPA 524.2 ) | 1,3-Dichloropropane           | ND                   | ug/l   | 0.50  | 1   |          |
| 06/03/99                                                        | 97321    | ( ML/EPA 524.2 ) | p-Dichlorobenzene (1,4-DCB)   | ND                   | ug/l   | 0.50  | 1   |          |
| 06/03/99                                                        | 97321    | ( ML/EPA 524.2 ) | 2,2-Dichloropropane           | ND                   | ug/l   | 0.50  | 1   |          |
| 06/03/99                                                        | 97321    | ( ML/EPA 524.2 ) | 2-Butanone (MEK)              | ND                   | ug/l   | 5.0   | 1   |          |
| 06/03/99                                                        | 97321    | ( ML/EPA 524.2 ) | o-Chlorotoluene               | ND                   | ug/l   | 0.50  | 1   |          |
| 06/03/99                                                        | 97321    | ( ML/EPA 524.2 ) | p-Chlorotoluene               | ND                   | ug/l   | 0.50  | 1   |          |
| 06/03/99                                                        | 97321    | ( ML/EPA 524.2 ) | 4-Methyl-2-Pentanone (MIBK)   | ND                   | ug/l   | 5.0   | 1   |          |
| 06/03/99                                                        | 97321    | ( ML/EPA 524.2 ) | Benzene                       | ND                   | ug/l   | 0.50  | 1   |          |
| 06/03/99                                                        | 97321    | ( ML/EPA 524.2 ) | Bromobenzene                  | ND                   | ug/l   | 0.50  | 1   |          |
| 06/03/99                                                        | 97321    | ( ML/EPA 524.2 ) | Bromomethane (Methyl Bromide) | ND                   | ug/l   | 0.50  | 1   |          |
| 06/03/99                                                        | 97321    | ( ML/EPA 524.2 ) | cis-1,2-Dichloroethylene      | ND                   | ug/l   | 0.50  | 1   |          |
| 06/03/99                                                        | 97321    | ( ML/EPA 524.2 ) | Chlorobenzene                 | ND                   | ug/l   | 0.50  | 1   |          |
| 06/03/99                                                        | 97321    | ( ML/EPA 524.2 ) | Carbon Tetrachloride          | ND                   | ug/l   | 0.50  | 1   |          |
| 06/03/99                                                        | 97321    | ( ML/EPA 524.2 ) | cis-1,3-Dichloropropene       | ND                   | ug/l   | 0.50  | 1   |          |
| 06/03/99                                                        | 97321    | ( ML/EPA 524.2 ) | Bromoform                     | ND                   | ug/l   | 0.50  | 1   |          |
| 06/03/99                                                        | 97321    | ( ML/EPA 524.2 ) | Chloroform (Trichloromethane) | ND                   | ug/l   | 0.50  | 1   |          |

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**Laboratory****Report****#54745**Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method            | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|-------------------|---------------------------------|--------|-------|------|----------|
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Bromochloromethane              | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Chloroethane                    | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Chloromethane (Methyl Chloride) | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Chlorodibromomethane            | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Dibromomethane                  | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Bromodichloromethane            | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Dichloromethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Ethyl benzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/E524.2/624 ) | Dichlorodifluoromethane         | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Fluorotrichloromethane-Freon11  | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Hexachlorobutadiene             | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Isopropylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | m-Dichlorobenzene (1,3-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | m,p-Xylenes                     | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Naphthalene                     | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | n-Butylbenzene                  | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | n-Propylbenzene                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | o-Xylene                        | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | o-Dichlorobenzene (1,2-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Tetrachloroethylene (PCE)       | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | p-Isopropyltoluene              | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | sec-Butylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Styrene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | trans-1,2-Dichloroethylene      | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | tert-Butylbenzene               | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Trichloroethylene (TCE)         | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Trichlorotrifluoroethane (Freon | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | trans-1,3-Dichloropropene       | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Toluene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Vinyl chloride (VC)             | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )     | None detected                   | ND     |       |      | 1        |
|          |          |           | ( Surrogate )     | 1,2-Dichloroethane-d4           | 100    | % Rec |      |          |
|          |          |           | ( Surrogate )     | 4-Bromofluorobenzene            | 103    | % Rec |      |          |
|          |          |           | ( Surrogate )     | Toluene-d8                      | 98     | % Rec |      |          |



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**Laboratory  
Report  
#54745**

Foster Wheeler Environmental, Inc  
(continued)

| Prepared                                               | Analyzed | QC Batch# | Method            | Analyte                        | Result | Units   | MRL    | Dilution |
|--------------------------------------------------------|----------|-----------|-------------------|--------------------------------|--------|---------|--------|----------|
| <b>MW-992-028 (990601240)      Sampled on 06/01/99</b> |          |           |                   |                                |        |         |        |          |
|                                                        | 06/11/99 | 97563     | ( ML/SM2320B )    | Alkalinity                     | 176    | mg/l    | 2.0    | 1        |
|                                                        | 06/15/99 |           | ( ML/SM1040 )     | Anion Sum                      | 5.00   | meq/l   | 0.0010 | 1        |
| 06/10/99                                               | 06/14/99 | 97585     | ( S3113B/E200.9 ) | Arsenic, Total, GF             | ND     | mg/l    | 0.005  | 1        |
| 06/15/99                                               | 06/15/99 | 97612     | ( ML/EPA 200.7 )  | Calcium, Total, ICAP           | 55.3   | mg/l    | 1.0    | 1        |
|                                                        | 06/16/99 |           | ( ML/SM1040 )     | Cation Sum                     | 5.15   | meq/l   | 0.0010 | 1        |
|                                                        | 06/02/99 | 97067     | ( ML/EPA 300 )    | Chloride                       | 18.4   | mg/l    | 1.0    | 1        |
|                                                        | 06/16/99 | 97644     | ( MOD/EPA 300 )   | Perchlorate                    | 8.7    | ug/l    | 4.0    | 1        |
|                                                        | 06/15/99 |           | ( ML/SM2320B )    | Carbonate as CO3, Calculated   | 1.75   | mg/l    | 0.0010 | 1        |
| 06/10/99                                               | 06/11/99 | 97491     | ( EPA/ML 200.8 )  | Chromium, Total, ICAP/MS       | ND     | ug/l    | 10     | 1        |
|                                                        | 06/01/99 | 96971     | ( ML/SW 7196 )    | Hexavalent chromium (Cr VI)    | ND     | mg/l    | 0.005  | 1        |
|                                                        | 06/02/99 | 96994     | ( ML/S2510B )     | Specific Conductance           | 470    | umho/cm | 4.0    | 1        |
| 06/10/99                                               | 06/11/99 | 97492     | ( EPA/ML 200.8 )  | Iron, Total, ICAP/MS           | ND     | ug/l    | 100    | 1        |
|                                                        | 06/15/99 |           | ( ML/SM2320B )    | Bicarbonate as HCO3,calculated | 214    | mg/l    | 0.0010 | 1        |
| 06/15/99                                               | 06/15/99 | 97614     | ( ML/EPA 200.7 )  | Potassium, Total, ICAP         | 2.7    | mg/l    | 1.0    | 1        |
| 06/15/99                                               | 06/15/99 | 97619     | ( ML/EPA 200.7 )  | Magnesium, Total, ICAP         | 15.5   | mg/l    | 0.10   | 1        |
| 06/15/99                                               | 06/15/99 | 97621     | ( ML/EPA 200.7 )  | Sodium, Total, ICAP            | 23.9   | mg/l    | 1.0    | 1        |
|                                                        | 06/02/99 | 97068     | ( ML/EPA 300.0 )  | Nitrate-N by IC                | 1.76   | mg/l    | 0.10   | 1        |
| 06/10/99                                               | 06/11/99 | 97493     | ( EPA/ML 200.8 )  | Lead, Total, ICAP/MS           | ND     | ug/l    | 2.0    | 1        |
|                                                        | 06/08/99 | 97348     | ( ML/SM 4500HB)   | Lab pH                         | 8.1    | Units   | 0.0010 | 1        |
|                                                        | 06/02/99 | 97069     | ( ML/EPA 300.0 )  | Sulfate                        | 40.2   | mg/l    | 2.0    | 1        |
|                                                        | 06/03/99 | 97168     | ( ML/SM2540C )    | Total Dissolved Solid (TDS)    | 300    | mg/l    | 10     | 1        |
| <b>Regulated VOCs plus Lists 1&amp;3</b>               |          |           |                   |                                |        |         |        |          |
| 06/03/99                                               | 97321    |           | ( ML/EPA 524.2 )  | 1,1,1,2-Tetrachloroethane      | ND     | ug/l    | 0.50   | 1        |
| 06/03/99                                               | 97321    |           | ( ML/EPA 524.2 )  | 1,1,1-Trichloroethane          | ND     | ug/l    | 0.50   | 1        |
| 06/03/99                                               | 97321    |           | ( ML/EPA 524.2 )  | 1,1,2,2-Tetrachloroethane      | ND     | ug/l    | 0.50   | 1        |
| 06/03/99                                               | 97321    |           | ( ML/EPA 524.2 )  | 1,1,2-Trichloroethane          | ND     | ug/l    | 0.50   | 1        |
| 06/03/99                                               | 97321    |           | ( ML/EPA 524.2 )  | 1,1-Dichloroethane             | ND     | ug/l    | 0.50   | 1        |
| 06/03/99                                               | 97321    |           | ( ML/EPA 524.2 )  | 1,1-Dichloroethylene           | ND     | ug/l    | 0.50   | 1        |
| 06/03/99                                               | 97321    |           | ( ML/EPA 524.2 )  | 1,1-Dichloropropene            | ND     | ug/l    | 0.50   | 1        |
| 06/03/99                                               | 97321    |           | ( ML/EPA 524.2 )  | 1,2,3-Trichlorobenzene         | ND     | ug/l    | 0.50   | 1        |
| 06/03/99                                               | 97321    |           | ( ML/EPA 524.2 )  | 1,2,3-Trichloropropane         | ND     | ug/l    | 0.50   | 1        |
| 06/03/99                                               | 97321    |           | ( ML/EPA 524.2 )  | 1,2,4-Trichlorobenzene         | ND     | ug/l    | 0.50   | 1        |
| 06/03/99                                               | 97321    |           | ( ML/EPA 524.2 )  | 1,2,4-Trimethylbenzene         | ND     | ug/l    | 0.50   | 1        |

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**Laboratory****Report****#54745****Foster Wheeler Environmental, Inc**  
**(continued)**

| Prepared | Analyzed | QC Batch# | Method            | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|-------------------|---------------------------------|--------|-------|------|----------|
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | 1,2-Dichloroethane              | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | 1,2-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | 1,3,5-Trimethylbenzene          | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | 1,3-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | p-Dichlorobenzene (1,4-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | 2,2-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | 2-Butanone (MEK)                | ND     | ug/l  | 5.0  | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | o-Chlorotoluene                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | p-Chlorotoluene                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | 4-Methyl-2-Pentanone (MIBK)     | ND     | ug/l  | 5.0  | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Benzene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Bromobenzene                    | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Bromomethane (Methyl Bromide)   | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | cis-1,2-Dichloroethylene        | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Chlorobenzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97321     | ( ML/EPA 524.2 )  | Carbon Tetrachloride            | 19     | ug/l  | 1.0  | 2        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | cis-1,3-Dichloropropene         | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Bromoform                       | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Chloroform (Trichloromethane)   | 2.0    | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Bromochloromethane              | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Chloroethane                    | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Chloromethane (Methyl Chloride) | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Chlorodibromomethane            | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Dibromomethane                  | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Bromodichloromethane            | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Dichloromethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Ethyl benzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/E524.2/624 ) | Dichlorodifluoromethane         | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Fluorotrichloromethane-Freon11  | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Hexachlorobutadiene             | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Isopropylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | m-Dichlorobenzene (1,3-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | m,p-Xylenes                     | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Naphthalene                     | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | n-Butylbenzene                  | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | n-Propylbenzene                 | ND     | ug/l  | 0.50 | 1        |

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**Laboratory  
 Report  
 #54745**

Foster Wheeler Environmental, Inc  
 (continued)

| Prepared | Analyzed | QC Batch# | Method           | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|------------------|---------------------------------|--------|-------|------|----------|
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 ) | o-Xylene                        | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 ) | o-Dichlorobenzene (1,2-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 ) | Tetrachloroethylene (PCE)       | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 ) | p-Isopropyltoluene              | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 ) | sec-Butylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 ) | Styrene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 ) | trans-1,2-Dichloroethylene      | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 ) | tert-Butylbenzene               | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 ) | Trichloroethylene (TCE)         | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 ) | Trichlorotrifluoroethane (Freon | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 ) | trans-1,3-Dichloropropene       | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 ) | Toluene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 ) | Vinyl chloride (VC)             | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )    | None detected                   | ND     |       |      | 1        |
|          |          |           | ( Surrogate )    | 1,2-Dichloroethane-d4           | 100    | % Rec |      |          |
|          |          |           | ( Surrogate )    | 4-Bromofluorobenzene            | 105    | % Rec |      |          |
|          |          |           | ( Surrogate )    | Toluene-d8                      | 97     | % Rec |      |          |

**MW-992-025 (990601241)      Sampled on 06/01/99**

|          |          |       |                   |                                |       |         |        |   |
|----------|----------|-------|-------------------|--------------------------------|-------|---------|--------|---|
|          | 06/11/99 | 97563 | ( ML/SM2320B )    | Alkalinity                     | 176   | mg/l    | 2.0    | 1 |
|          | 06/15/99 |       | ( ML/SM1040 )     | Anion Sum                      | 4.49  | meq/l   | 0.0010 | 1 |
| 06/10/99 | 06/14/99 | 97585 | ( S3113B/E200.9 ) | Arsenic, Total, GF             | ND    | mg/l    | 0.005  | 1 |
| 06/15/99 | 06/15/99 | 97612 | ( ML/EPA 200.7 )  | Calcium, Total, ICAP           | 42.9  | mg/l    | 1.0    | 1 |
|          | 06/16/99 |       | ( ML/SM1040 )     | Cation Sum                     | 4.42  | meq/l   | 0.0010 | 1 |
|          | 06/02/99 | 97067 | ( ML/EPA 300 )    | Chloride                       | 9.66  | mg/l    | 1.0    | 1 |
|          | 06/16/99 | 97644 | ( MOD/EPA 300 )   | Perchlorate                    | ND    | ug/l    | 4.0    | 1 |
|          | 06/15/99 |       | ( ML/SM2320B )    | Carbonate as CO3, Calculated   | 0.697 | mg/l    | 0.0010 | 1 |
| 06/10/99 | 06/11/99 | 97491 | ( EPA/ML 200.8 )  | Chromium, Total, ICAP/MS       | ND    | ug/l    | 10     | 1 |
|          | 06/01/99 | 96971 | ( ML/SW 7196 )    | Hexavalent chromium (Cr VI)    | ND    | mg/l    | 0.005  | 1 |
|          | 06/02/99 | 96994 | ( ML/S2510B )     | Specific Conductance           | 390   | umho/cm | 4.0    | 1 |
| 06/10/99 | 06/11/99 | 97492 | ( EPA/ML 200.8 )  | Iron, Total, ICAP/MS           | 640   | ug/l    | 100    | 1 |
|          | 06/15/99 |       | ( ML/SM2320B )    | Bicarbonate as HCO3,calculated | 214   | mg/l    | 0.0010 | 1 |
| 06/15/99 | 06/15/99 | 97614 | ( ML/EPA 200.7 )  | Potassium, Total, ICAP         | 2.9   | mg/l    | 1.0    | 1 |
| 06/15/99 | 06/15/99 | 97619 | ( ML/EPA 200.7 )  | Magnesium, Total, ICAP         | 15.9  | mg/l    | 0.10   | 1 |
| 06/15/99 | 06/15/99 | 97621 | ( ML/EPA 200.7 )  | Sodium, Total, ICAP            | 20.5  | mg/l    | 1.0    | 1 |
|          | 06/02/99 | 97288 | ( ML/EPA 300.0 )  | Nitrate-N by IC                | 0.64  | mg/l    | 0.10   | 1 |

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**Laboratory****Report****#54745**Foster Wheeler Environmental, Inc  
(continued)

| Prepared                                 | Analyzed | QC Batch# | Method           | Analyte                       | Result | Units | MRL    | Dilution |
|------------------------------------------|----------|-----------|------------------|-------------------------------|--------|-------|--------|----------|
| 06/10/99                                 | 06/11/99 | 97493     | ( EPA/ML 200.8 ) | Lead, Total, ICAP/MS          | ND     | ug/l  | 2.0    | 1        |
|                                          | 06/08/99 | 97348     | ( ML/SM 4500HB)  | Lab pH                        | 7.7    | Units | 0.0010 | 1        |
|                                          | 06/02/99 | 97069     | ( ML/EPA 300.0 ) | Sulfate                       | 31.4   | mg/l  | 2.0    | 1        |
|                                          | 06/08/99 | 97442     | ( ML/SM2540C )   | Total Dissolved Solid (TDS)   | 230    | mg/l  | 10     | 1        |
| <b>Regulated VOCs plus Lists 1&amp;3</b> |          |           |                  |                               |        |       |        |          |
|                                          | 06/03/99 | 97321     | ( ML/EPA 524.2 ) | 1,1,1,2-Tetrachloroethane     | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/03/99 | 97321     | ( ML/EPA 524.2 ) | 1,1,1-Trichloroethane         | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/03/99 | 97321     | ( ML/EPA 524.2 ) | 1,1,2,2-Tetrachloroethane     | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/03/99 | 97321     | ( ML/EPA 524.2 ) | 1,1,2-Trichloroethane         | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/03/99 | 97321     | ( ML/EPA 524.2 ) | 1,1-Dichloroethane            | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/03/99 | 97321     | ( ML/EPA 524.2 ) | 1,1-Dichloroethylene          | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/03/99 | 97321     | ( ML/EPA 524.2 ) | 1,1-Dichloropropene           | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/03/99 | 97321     | ( ML/EPA 524.2 ) | 1,2,3-Trichlorobenzene        | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/03/99 | 97321     | ( ML/EPA 524.2 ) | 1,2,3-Trichloropropane        | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/03/99 | 97321     | ( ML/EPA 524.2 ) | 1,2,4-Trichlorobenzene        | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/03/99 | 97321     | ( ML/EPA 524.2 ) | 1,2,4-Trimethylbenzene        | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/03/99 | 97321     | ( ML/EPA 524.2 ) | 1,2-Dichloroethane            | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/03/99 | 97321     | ( ML/EPA 524.2 ) | 1,2-Dichloropropane           | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/03/99 | 97321     | ( ML/EPA 524.2 ) | 1,3,5-Trimethylbenzene        | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/03/99 | 97321     | ( ML/EPA 524.2 ) | 1,3-Dichloropropane           | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/03/99 | 97321     | ( ML/EPA 524.2 ) | p-Dichlorobenzene (1,4-DCB)   | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/03/99 | 97321     | ( ML/EPA 524.2 ) | 2,2-Dichloropropane           | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/03/99 | 97321     | ( ML/EPA 524.2 ) | 2-Butanone (MEK)              | ND     | ug/l  | 5.0    | 1        |
|                                          | 06/03/99 | 97321     | ( ML/EPA 524.2 ) | o-Chlorotoluene               | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/03/99 | 97321     | ( ML/EPA 524.2 ) | p-Chlorotoluene               | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/03/99 | 97321     | ( ML/EPA 524.2 ) | 4-Methyl-2-Pentanone (MIBK)   | ND     | ug/l  | 5.0    | 1        |
|                                          | 06/03/99 | 97321     | ( ML/EPA 524.2 ) | Benzene                       | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/03/99 | 97321     | ( ML/EPA 524.2 ) | Bromobenzene                  | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/03/99 | 97321     | ( ML/EPA 524.2 ) | Bromomethane (Methyl Bromide) | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/03/99 | 97321     | ( ML/EPA 524.2 ) | cis-1,2-Dichloroethylene      | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/03/99 | 97321     | ( ML/EPA 524.2 ) | Chlorobenzene                 | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/03/99 | 97321     | ( ML/EPA 524.2 ) | Carbon Tetrachloride          | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/03/99 | 97321     | ( ML/EPA 524.2 ) | cis-1,3-Dichloropropene       | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/03/99 | 97321     | ( ML/EPA 524.2 ) | Bromoform                     | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/03/99 | 97321     | ( ML/EPA 524.2 ) | Chloroform (Trichloromethane) | ND     | ug/l  | 0.50   | 1        |

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**Laboratory****Report****#54745**Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method            | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|-------------------|---------------------------------|--------|-------|------|----------|
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Bromochloromethane              | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Chloroethane                    | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Chloromethane (Methyl Chloride) | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Chlorodibromomethane            | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Dibromomethane                  | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Bromodichloromethane            | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Dichloromethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Ethyl benzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/E524.2/624 ) | Dichlorodifluoromethane         | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Fluorotrichloromethane-Freon11  | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Hexachlorobutadiene             | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Isopropylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | m-Dichlorobenzene (1,3-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | m,p-Xylenes                     | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Naphthalene                     | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | n-Butylbenzene                  | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | n-Propylbenzene                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | o-Xylene                        | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | o-Dichlorobenzene (1,2-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Tetrachloroethylene (PCE)       | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | p-Isopropyltoluene              | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | sec-Butylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Styrene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | trans-1,2-Dichloroethylene      | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | tert-Butylbenzene               | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Trichloroethylene (TCE)         | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Trichlorotrifluoroethane (Freon | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | trans-1,3-Dichloropropene       | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Toluene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/03/99 | 97321     | ( ML/EPA 524.2 )  | Vinyl chloride (VC)             | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )     | None detected                   | ND     |       |      | 1        |
|          |          |           | ( Surrogate )     | 1,2-Dichloroethane-d4           | 102    | % Rec |      |          |
|          |          |           | ( Surrogate )     | 4-Bromofluorobenzene            | 103    | % Rec |      |          |
|          |          |           | ( Surrogate )     | Toluene-d8                      | 100    | % Rec |      |          |



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Laboratory

QC Report

#54745

Foster Wheeler Environmental, Inc

**QC Batch #96971****Hexavalent chromium (Cr VI)**

| QC   | Analyte                     | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|-----------------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample               | Lab # 99 | 0601236   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Hexavalent chromium (Cr VI) | 0.050    | 0.051     | 102.0     | ( 78.00 - 118.00 ) |         |
| LCS2 | Hexavalent chromium (Cr VI) | 0.050    | 0.051     | 102.0     | ( 78.00 - 118.00 ) | 0.00    |
| MBLK | Hexavalent chromium (Cr VI) | ND       |           |           |                    |         |
| MS   | Hexavalent chromium (Cr VI) | 0.050    | 0.052     | 104.0     | ( 80.00 - 120.00 ) |         |
| MSD  | Hexavalent chromium (Cr VI) | 0.050    | 0.051     | 102.0     | ( 80.00 - 120.00 ) | 1.9     |

**QC Batch #96994****Specific Conductance**

| QC  | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)      | RPD (%) |
|-----|---------------|----------|-----------|-----------|-----------------|---------|
| DUP | Spiked sample | Lab # 99 | 0601241   |           | ( 0.00 - 0.00 ) |         |

**QC Batch #97067****Chloride**

| QC   | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|---------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample | Lab # 99 | 0601236   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Chloride      | 25       | 25.1      | 100.4     | ( 90.00 - 110.00 ) |         |
| LCS2 | Chloride      | 25       | 25.8      | 103.2     | ( 90.00 - 110.00 ) | 2.8     |
| MBLK | Chloride      | ND       |           |           |                    |         |
| MS   | Chloride      | 25       | 27.4      | 109.6     | ( 80.00 - 120.00 ) |         |
| MSD  | Chloride      | 25       | 27.5      | 110.0     | ( 80.00 - 120.00 ) | 0.36    |

**QC Batch #97068****Nitrate-N by IC**

| QC   | Analyte         | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|-----------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample   | Lab # 99 | 0601236   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Nitrate-N by IC | 2.5      | 2.56      | 102.4     | ( 90.00 - 110.00 ) |         |
| LCS2 | Nitrate-N by IC | 2.5      | 2.60      | 104.0     | ( 90.00 - 110.00 ) | 1.6     |
| MBLK | Nitrate-N by IC | ND       |           |           |                    |         |
| MS   | Nitrate-N by IC | 2.5      | 2.68      | 107.2     | ( 80.00 - 120.00 ) |         |
| MSD  | Nitrate-N by IC | 2.5      | 2.69      | 107.6     | ( 80.00 - 120.00 ) | 0.37    |

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.  
Criteria for MS and DUP are advisory only and not applicable for ICR monitoring.

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Laboratory  
QC Report  
#54745

Foster Wheeler Environmental, Inc  
(continued)

**QC Batch #97069****Sulfate**

| QC   | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|---------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample | Lab # 99 | 0601236   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Sulfate       | 50       | 49.6      | 99.2      | ( 90.00 - 110.00 ) |         |
| LCS2 | Sulfate       | 50       | 51.1      | 102.2     | ( 90.00 - 110.00 ) | 3.0     |
| MBLK | Sulfate       | ND       |           |           |                    |         |
| MS   | Sulfate       | 50       | 54.4      | 108.8     | ( 80.00 - 120.00 ) |         |
| MSD  | Sulfate       | 50       | 54.6      | 109.2     | ( 80.00 - 120.00 ) | 0.37    |

**QC Batch #97168****Total Dissolved Solid (TDS)**

| QC   | Analyte                     | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|-----------------------------|----------|-----------|-----------|--------------------|---------|
| DUP  | Spiked sample               | Lab # 99 | 0527207   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Total Dissolved Solid (TDS) | 175      | 174       | 99.4      | ( 85.00 - 115.00 ) |         |
| LCS2 | Total Dissolved Solid (TDS) | 700      | 676       | 96.6      | ( 85.00 - 115.00 ) |         |
| MBLK | Total Dissolved Solid (TDS) | ND       |           |           |                    |         |

**QC Batch #97288****Nitrate-N by IC**

| QC   | Analyte         | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|-----------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample   | Lab # 99 | 0601236   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Nitrate-N by IC | 2.5      | 2.56      | 102.4     | ( 94.00 - 106.00 ) |         |
| LCS2 | Nitrate-N by IC | 2.5      | 2.60      | 104.0     | ( 94.00 - 106.00 ) | 1.6     |
| MBLK | Nitrate-N by IC | ND       |           |           |                    |         |
| MS   | Nitrate-N by IC | 2.5      | 2.68      | 107.2     | ( 85.00 - 118.00 ) |         |
| MSD  | Nitrate-N by IC | 2.5      | 2.69      | 107.6     | ( 85.00 - 118.00 ) | 0.37    |

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Laboratory  
QC Report  
#54745

Foster Wheeler Environmental, Inc  
(continued)

**QC Batch #97321****Regulated VOCs plus Lists 1&3**

| QC   | Analyte                     | Spiked | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|-----------------------------|--------|-----------|-----------|--------------------|---------|
| MBLK | 1,1,1,2-Tetrachloroethane   | ND     |           |           |                    |         |
| LCS1 | 1,1,1-Trichloroethane       | 4      | 3.94      | 98.5      | ( 76.00 - 116.00 ) |         |
| MBLK | 1,1,1-Trichloroethane       | ND     |           |           |                    |         |
| LCS1 | 1,1,2,2-Tetrachloroethane   | 4      | 3.87      | 96.8      | ( 72.00 - 117.00 ) |         |
| MBLK | 1,1,2,2-Tetrachloroethane   | ND     |           |           |                    |         |
| LCS1 | 1,1,2-Trichloroethane       | 4      | 3.94      | 98.5      | ( 71.00 - 116.00 ) |         |
| MBLK | 1,1,2-Trichloroethane       | ND     |           |           |                    |         |
| LCS1 | 1,1-Dichloroethane          | 4      | 3.76      | 94.0      | ( 71.00 - 125.00 ) |         |
| MBLK | 1,1-Dichloroethane          | ND     |           |           |                    |         |
| LCS1 | 1,1-Dichloroethylene        | 4      | 3.58      | 89.5      | ( 70.00 - 130.00 ) |         |
| MBLK | 1,1-Dichloroethylene        | ND     |           |           |                    |         |
| MS   | 1,1-Dichloroethylene        | 4      | 3.19      | 79.8      | ( 70.00 - 130.00 ) |         |
| MSD  | 1,1-Dichloroethylene        | 4      | 3.62      | 90.5      | ( 70.00 - 130.00 ) | 13      |
| MBLK | 1,1-Dichloropropene         | ND     |           |           |                    |         |
| MBLK | 1,2,3-Trichlorobenzene      | ND     |           |           |                    |         |
| MBLK | 1,2,3-Trichloropropane      | ND     |           |           |                    |         |
| LCS1 | 1,2,4-Trichlorobenzene      | 4      | 3.90      | 97.5      | ( 76.00 - 114.00 ) |         |
| MBLK | 1,2,4-Trichlorobenzene      | ND     |           |           |                    |         |
| MBLK | 1,2,4-Trimethylbenzene      | ND     |           |           |                    |         |
| LCS1 | 1,2-Dichloroethane          | 4      | 3.73      | 93.2      | ( 75.00 - 120.00 ) |         |
| MBLK | 1,2-Dichloroethane          | ND     |           |           |                    |         |
| LCS1 | 1,2-Dichloropropane         | 4      | 3.97      | 99.2      | ( 77.00 - 122.00 ) |         |
| MBLK | 1,2-Dichloropropane         | ND     |           |           |                    |         |
| MBLK | 1,3,5-Trimethylbenzene      | ND     |           |           |                    |         |
| LCS1 | 1,3-Dichloropropane         | 8      | 7.85      | 98.1      | ( 70.00 - 130.00 ) |         |
| MBLK | 1,3-Dichloropropane         | ND     |           |           |                    |         |
| LCS1 | p-Dichlorobenzene (1,4-DCB) | 4      | 4.10      | 102.5     | ( 77.00 - 113.00 ) |         |
| MBLK | p-Dichlorobenzene (1,4-DCB) | ND     |           |           |                    |         |
| MBLK | 2,2-Dichloropropane         | ND     |           |           |                    |         |
| MBLK | 2-Butanone (MEK)            | ND     |           |           |                    |         |
| MBLK | 2-Chloroethylvinylether     | ND     |           |           |                    |         |
| MBLK | o-Chlorotoluene             | ND     |           |           |                    |         |

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**Laboratory  
QC Report  
#54745****Foster Wheeler Environmental, Inc  
(continued)**

|      |                                 |          |         |       |                    |     |
|------|---------------------------------|----------|---------|-------|--------------------|-----|
| MBLK | p-Chlorotoluene                 | ND       |         |       |                    |     |
| MBLK | 4-Methyl-2-Pentanone (MIBK)     | ND       |         |       |                    |     |
| MS   | Spiked sample                   | Lab # 99 | 0528140 |       | ( 0.00 - 0.00 )    |     |
| LCS1 | Benzene                         | 4        | 4.17    | 104.2 | ( 76.00 - 122.00 ) |     |
| MBLK | Benzene                         | ND       |         |       |                    |     |
| MS   | Benzene                         | 4        | 3.75    | 93.8  | ( 70.00 - 130.00 ) |     |
| MSD  | Benzene                         | 4        | 3.88    | 97.0  | ( 70.00 - 130.00 ) | 3.4 |
| MBLK | Bromobenzene                    | ND       |         |       |                    |     |
| MBLK | Bromomethane (Methyl Bromide)   | ND       |         |       |                    |     |
| LCS1 | cis-1,2-Dichloroethylene        | 4        | 3.96    | 99.0  | ( 70.00 - 130.00 ) |     |
| MBLK | cis-1,2-Dichloroethylene        | ND       |         |       |                    |     |
| LCS1 | Chlorobenzene                   | 4        | 3.94    | 98.5  | ( 70.00 - 130.00 ) |     |
| MBLK | Chlorobenzene                   | ND       |         |       |                    |     |
| MS   | Chlorobenzene                   | 4        | 3.57    | 89.2  | ( 70.00 - 130.00 ) |     |
| MSD  | Chlorobenzene                   | 4        | 3.64    | 91.0  | ( 70.00 - 130.00 ) | 1.9 |
| LCS1 | Carbon Tetrachloride            | 4        | 3.78    | 94.5  | ( 70.00 - 130.00 ) |     |
| MBLK | Carbon Tetrachloride            | ND       |         |       |                    |     |
| MBLK | cis-1,3-Dichloropropene         | ND       |         |       |                    |     |
| LCS1 | Bromoform                       | 4        | 3.52    | 88.0  | ( 70.00 - 130.00 ) |     |
| MBLK | Bromoform                       | ND       |         |       |                    |     |
| LCS1 | Chloroform (Trichloromethane)   | 4        | 3.72    | 93.0  | ( 70.00 - 130.00 ) |     |
| MBLK | Chloroform (Trichloromethane)   | ND       |         |       |                    |     |
| MBLK | Bromochloromethane              | ND       |         |       |                    |     |
| MBLK | Chloroethane                    | ND       |         |       |                    |     |
| MBLK | Chloromethane (Methyl Chloride) | ND       |         |       |                    |     |
| LCS1 | Chlorodibromomethane            | 4        | 3.68    | 92.0  | ( 70.00 - 130.00 ) |     |
| MBLK | Chlorodibromomethane            | ND       |         |       |                    |     |
| MBLK | Dibromomethane                  | ND       |         |       |                    |     |
| LCS1 | Bromodichloromethane            | 4        | 3.76    | 94.0  | ( 70.00 - 130.00 ) |     |
| MBLK | Bromodichloromethane            | ND       |         |       |                    |     |
| LCS1 | Dichloromethane                 | 4        | 3.83    | 95.8  | ( 70.00 - 130.00 ) |     |
| MBLK | Dichloromethane                 | ND       |         |       |                    |     |
| LCS1 | Ethyl benzene                   | 4        | 4.07    | 101.8 | ( 70.00 - 130.00 ) |     |
| MBLK | Ethyl benzene                   | ND       |         |       |                    |     |
| MBLK | Dichlorodifluoromethane         | ND       |         |       |                    |     |
| LCS1 | Fluorotrichloromethane-Freon11  | 2        | 1.93    | 96.5  | ( 70.00 - 130.00 ) |     |
| MBLK | Fluorotrichloromethane-Freon11  | ND       |         |       |                    |     |

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**Laboratory****QC Report****#54745**Foster Wheeler Environmental, Inc  
(continued)

|      |                             |     |      |       |                    |      |
|------|-----------------------------|-----|------|-------|--------------------|------|
| MBLK | Hexachlorobutadiene         | ND  |      |       |                    |      |
| MBLK | Isopropylbenzene            | ND  |      |       |                    |      |
| MBLK | m-Dichlorobenzene (1,3-DCB) | ND  |      |       |                    |      |
| LCS1 | m,p-Xylenes                 | 8   | 8.27 | 103.4 | ( 70.00 - 130.00 ) |      |
| MBLK | m,p-Xylenes                 | ND  |      |       |                    |      |
| MBLK | Naphthalene                 | ND  |      |       |                    |      |
| MBLK | n-Butylbenzene              | ND  |      |       |                    |      |
| MBLK | n-Propylbenzene             | ND  |      |       |                    |      |
| LCS1 | o-Xylene                    | 4   | 4.03 | 100.8 | ( 70.00 - 130.00 ) |      |
| MBLK | o-Xylene                    | ND  |      |       |                    |      |
| LCS1 | o-Dichlorobenzene (1,2-DCB) | 4   | 3.89 | 97.2  | ( 70.00 - 130.00 ) |      |
| MBLK | o-Dichlorobenzene (1,2-DCB) | ND  |      |       |                    |      |
| LCS1 | Tetrachloroethylene (PCE)   | 4   | 4.15 | 103.8 | ( 70.00 - 130.00 ) |      |
| MBLK | Tetrachloroethylene (PCE)   | ND  |      |       |                    |      |
| MBLK | p-Isopropyltoluene          | ND  |      |       |                    |      |
| MBLK | sec-Butylbenzene            | ND  |      |       |                    |      |
| LCS1 | Styrene                     | 4   | 4.20 | 105.0 | ( 70.00 - 130.00 ) |      |
| MBLK | Styrene                     | ND  |      |       |                    |      |
| LCS1 | 1,2-dichloroethane-d4       | 100 | 96.9 | 96.9  | ( 80.00 - 120.00 ) |      |
| MBLK | 1,2-dichloroethane-d4       | 100 | 93.0 | 93.0  |                    |      |
| MS   | 1,2-dichloroethane-d4       | 100 | 99.6 | 99.6  | ( 80.00 - 120.00 ) |      |
| MSD  | 1,2-dichloroethane-d4       | 100 | 96.6 | 96.6  | ( 80.00 - 120.00 ) | 3.1  |
| LCS1 | Toluene-d8                  | 100 | 102  | 102.0 | ( 80.00 - 120.00 ) |      |
| MBLK | Toluene-d8                  | 100 | 98.0 | 98.0  |                    |      |
| MS   | Toluene-d8                  | 100 | 97.7 | 97.7  | ( 80.00 - 120.00 ) |      |
| MSD  | Toluene-d8                  | 100 | 98.3 | 98.3  | ( 80.00 - 120.00 ) | 0.61 |
| LCS1 | 4-Bromofluorobenzene        | 100 | 102  | 102.0 | ( 80.00 - 120.00 ) |      |
| MBLK | 4-Bromofluorobenzene        | 100 | 97.3 | 97.3  |                    |      |
| MS   | 4-Bromofluorobenzene        | 100 | 99.8 | 99.8  | ( 80.00 - 120.00 ) |      |
| MSD  | 4-Bromofluorobenzene        | 100 | 100  | 100.0 | ( 80.00 - 120.00 ) | 0.20 |
| LCS1 | trans-1,2-Dichloroethylene  | 4   | 4.13 | 103.2 | ( 70.00 - 130.00 ) |      |
| MBLK | trans-1,2-Dichloroethylene  | ND  |      |       |                    |      |
| MBLK | tert-Butylbenzene           | ND  |      |       |                    |      |
| LCS1 | Trichloroethylene (TCE)     | 4   | 4.07 | 101.8 | ( 70.00 - 130.00 ) |      |
| MBLK | Trichloroethylene (TCE)     | ND  |      |       |                    |      |
| MS   | Trichloroethylene (TCE)     | 4   | 3.58 | 89.5  | ( 70.00 - 130.00 ) |      |
| MSD  | Trichloroethylene (TCE)     | 4   | 3.88 | 97.0  | ( 70.00 - 130.00 ) | 8.0  |

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**Laboratory  
QC Report  
#54745**

Foster Wheeler Environmental, Inc  
(continued)

|      |                                |    |      |       |                    |     |
|------|--------------------------------|----|------|-------|--------------------|-----|
| LCS1 | Trichlorotrifluoroethane(Freon | 2  | 1.81 | 90.5  | ( 70.00 - 130.00 ) |     |
| MBLK | Trichlorotrifluoroethane(Freon | ND |      |       |                    |     |
| MBLK | trans-1,3-Dichloropropene      | ND |      |       |                    |     |
| LCS1 | Toluene                        | 4  | 4.08 | 102.0 | ( 70.00 - 130.00 ) |     |
| MBLK | Toluene                        | ND |      |       |                    |     |
| MS   | Toluene                        | 4  | 3.86 | 96.5  | ( 70.00 - 130.00 ) |     |
| MSD  | Toluene                        | 4  | 3.73 | 93.2  | ( 70.00 - 130.00 ) | 3.4 |
| LCS1 | Vinyl chloride (VC)            | 2  | 2.44 | 122.0 | ( 70.00 - 130.00 ) |     |
| MBLK | Vinyl chloride (VC)            | ND |      |       |                    |     |

#### QC Batch #97348

#### Lab pH

| QC  | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)      | RPD (%) |
|-----|---------------|----------|-----------|-----------|-----------------|---------|
| DUP | Spiked sample | lab # 99 | 0603164   |           | ( 0.00 - 0.00 ) |         |

#### QC Batch #97442

#### Total Dissolved Solid (TDS)

| QC   | Analyte                     | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|-----------------------------|----------|-----------|-----------|--------------------|---------|
| DUP  | Spiked sample               | Lab # 99 | 0601241   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Total Dissolved Solid (TDS) | 175      | 174       | 99.4      | ( 85.00 - 115.00 ) |         |
| LCS2 | Total Dissolved Solid (TDS) | 700      | 676       | 96.6      | ( 85.00 - 115.00 ) |         |
| MBLK | Total Dissolved Solid (TDS) | ND       |           |           |                    |         |

#### QC Batch #97491

#### Chromium, Total, ICAP/MS

| QC   | Analyte                  | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|--------------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample            | Lab # 99 | 0528140   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Chromium, Total, ICAP/MS | 100      | 93        | 93.0      | ( 85.00 - 115.00 ) |         |
| LCS2 | Chromium, Total, ICAP/MS | 100      | 100       | 100.0     | ( 85.00 - 115.00 ) | 7.3     |
| MBLK | Chromium, Total, ICAP/MS | ND       |           |           |                    |         |
| MS   | Chromium, Total, ICAP/MS | 100      | 99        | 99.0      | ( 77.00 - 119.00 ) |         |
| MSD  | Chromium, Total, ICAP/MS | 100      | 99        | 99.0      | ( 77.00 - 119.00 ) | 0.00    |

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Laboratory  
QC Report  
#54745

Foster Wheeler Environmental, Inc  
(continued)

**QC Batch #97492****Iron, Total, ICAP/MS**

| QC   | Analyte              | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|----------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample        | Lab # 99 | 0528140   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Iron, Total, ICAP/MS | 500      | 480       | 96.0      | ( 85.00 - 115.00 ) |         |
| LCS2 | Iron, Total, ICAP/MS | 500      | 482       | 96.4      | ( 85.00 - 115.00 ) | 0.42    |
| MBLK | Iron, Total, ICAP/MS | ND       |           |           |                    |         |
| MS   | Iron, Total, ICAP/MS | 500      | 492       | 98.4      | ( 70.00 - 130.00 ) |         |
| MSD  | Iron, Total, ICAP/MS | 500      | 495       | 99.0      | ( 70.00 - 130.00 ) | 0.61    |

**QC Batch #97493****Lead, Total, ICAP/MS**

| QC   | Analyte              | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|----------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample        | Lab # 99 | 0528140   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Lead, Total, ICAP/MS | 20.0     | 20.4      | 102.0     | ( 87.00 - 108.00 ) |         |
| LCS2 | Lead, Total, ICAP/MS | 20.0     | 20.4      | 102.0     | ( 87.00 - 108.00 ) | 0.00    |
| MBLK | Lead, Total, ICAP/MS | ND       |           |           |                    |         |
| MS   | Lead, Total, ICAP/MS | 20.0     | 21.0      | 105.0     | ( 75.00 - 119.00 ) |         |
| MSD  | Lead, Total, ICAP/MS | 20.0     | 21.4      | 107.0     | ( 75.00 - 119.00 ) | 1.9     |

**QC Batch #97563****Alkalinity**

| QC   | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|---------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample | Lab # 99 | 061236    |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Alkalinity    | 96.2     | 96.8      | 100.6     | ( 96.00 - 107.00 ) |         |
| LCS2 | Alkalinity    | 96.2     | 96.5      | 100.3     | ( 96.00 - 107.00 ) | 0.31    |
| MBLK | Alkalinity    | ND       |           |           |                    |         |
| MS   | Alkalinity    | 96.2     | 91.1      | 94.7      | ( 80.00 - 120.00 ) |         |
| MSD  | Alkalinity    | 96.2     | 91.8      | 95.4      | ( 80.00 - 120.00 ) | 0.77    |

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Laboratory  
QC Report  
#54745

Foster Wheeler Environmental, Inc  
(continued)

**QC Batch #97585****Arsenic, Total, GF**

| QC   | Analyte            | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|--------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample      | Lab # 99 | 0528140   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Arsenic, Total, GF | 0.020    | 0.0205    | 102.5     | ( 85.00 - 115.00 ) |         |
| LCS2 | Arsenic, Total, GF | 0.020    | 0.0197    | 98.5      | ( 85.00 - 115.00 ) | 4.0     |
| MBLK | Arsenic, Total, GF | ND       |           |           |                    |         |
| MS   | Arsenic, Total, GF | 0.020    | 0.0209    | 104.5     | ( 70.00 - 130.00 ) |         |
| MSD  | Arsenic, Total, GF | 0.020    | 0.0209    | 104.5     | ( 70.00 - 130.00 ) | 0.00    |

**QC Batch #97612****Calcium, Total, ICAP**

| QC   | Analyte              | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|----------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample        | Lab # 99 | 0526107   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Calcium, Total, ICAP | 50       | 52.9      | 105.8     | ( 85.00 - 115.00 ) |         |
| LCS2 | Calcium, Total, ICAP | 50       | 52.9      | 105.8     | ( 85.00 - 115.00 ) | 0.00    |
| MBLK | Calcium, Total, ICAP | ND       |           |           |                    |         |
| MS   | Calcium, Total, ICAP | 50       | 50.5      | 101.0     | ( 70.00 - 130.00 ) |         |
| MSD  | Calcium, Total, ICAP | 50       | 50.4      | 100.8     | ( 70.00 - 130.00 ) | 0.20    |

**QC Batch #97614****Potassium, Total, ICAP**

| QC   | Analyte                | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|------------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample          | Lab # 99 | 0526107   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Potassium, Total, ICAP | 20       | 21.4      | 107.0     | ( 80.00 - 110.00 ) |         |
| LCS2 | Potassium, Total, ICAP | 20       | 21.3      | 106.5     | ( 80.00 - 110.00 ) | 0.47    |
| MBLK | Potassium, Total, ICAP | ND       |           |           |                    |         |
| MS   | Potassium, Total, ICAP | 20       | 20.5      | 102.5     | ( 80.00 - 120.00 ) |         |
| MSD  | Potassium, Total, ICAP | 20       | 20.4      | 102.0     | ( 80.00 - 120.00 ) | 0.49    |

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Laboratory  
QC Report  
#54745

Foster Wheeler Environmental, Inc  
(continued)

**QC Batch #97619****Magnesium, Total, ICAP**

| QC   | Analyte                | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|------------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample          | Lab # 99 | 0526107   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Magnesium, Total, ICAP | 20       | 21.4      | 107.0     | ( 97.00 - 115.00 ) |         |
| LCS2 | Magnesium, Total, ICAP | 20       | 21.3      | 106.5     | ( 97.00 - 115.00 ) | 0.47    |
| MBLK | Magnesium, Total, ICAP | ND       |           |           |                    |         |
| MS   | Magnesium, Total, ICAP | 20       | 20.4      | 102.0     | ( 74.00 - 130.00 ) |         |
| MSD  | Magnesium, Total, ICAP | 20       | 20.3      | 101.5     | ( 74.00 - 130.00 ) | 0.49    |

**QC Batch #97621****Sodium, Total, ICAP**

| QC   | Analyte             | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|---------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample       | Lab # 99 | 0526107   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Sodium, Total, ICAP | 50       | 53.7      | 107.4     | ( 94.00 - 112.00 ) |         |
| LCS2 | Sodium, Total, ICAP | 50       | 53.8      | 107.6     | ( 94.00 - 112.00 ) | 0.19    |
| MBLK | Sodium, Total, ICAP | ND       |           |           |                    |         |
| MS   | Sodium, Total, ICAP | 50       | 51.2      | 102.4     | ( 82.00 - 114.00 ) |         |
| MSD  | Sodium, Total, ICAP | 50       | 50.1      | 100.2     | ( 82.00 - 114.00 ) | 2.2     |

**QC Batch #97644****Perchlorate**

| QC   | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|---------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample | Lab # 99 | 0528139   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Perchlorate   | 20.0     | 21        | 105.0     | ( 90.00 - 110.00 ) |         |
| LCS2 | Perchlorate   | 20.0     | 20.6      | 103.0     | ( 90.00 - 110.00 ) | 1.9     |
| MBLK | Perchlorate   | ND       |           |           |                    |         |
| MS   | Perchlorate   | 20.0     | 21.1      | 105.5     | ( 75.00 - 125.00 ) |         |
| MSD  | Perchlorate   | 20.0     | 21.7      | 108.5     | ( 75.00 - 125.00 ) | 2.8     |

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# MONTGOMERY WATSON LABORATORIES

Quality Environmental Analysis

A division of Montgomery Watson Americas, Inc.  
June 17, 1999

Foster Wheeler Environmental  
611 Anton Blvd, Suite 800  
Costa Mesa, CA.92626

Attention: Mark Cutler

Re: Report # 54792 (MW-992-106, MW-992-105, MW-992-044,  
MW-992-043, MW-992-042, MW-992-041, MW-992-040)

Sampled: 6/02/99

Dear Mark,

Enclosed please find data deliverables for the recent JPL project. A detailed quality control (QC) summary follows:

**Non-conformance (LCS, MS/MSD, Surrogates, and Holding Times)**

None

**Samples requiring dilution (with increased MRL's):**

None

**Method blanks with compounds detected:**

None

**Comments:**

Chloroform was detected in MW-992-105, -044, -043, -042, -041

Tetrachloroethylene was detected in sample MW-992-044

Trichloroethylene was detected in sample MW-992-044, -043, -042

Lead was detected in sample MW-992-044

Perchlorate was detected in sample MW-992-044, -043

**TIC's:**

None

**Method Variance:**

None

**Other Comments:**

A QC check on the ASTM type II water supplied for the equipment rinse did not contain Methylene Chloride, but did contain detectable levels of Chloroform at 1.3 ug/L. No Methylene Chloride or Chloroform was detected in the method blank QC. Chloroform concentrations detected in the field samples, up to and including the level detected in the rinse water, may be an artifact of the rinse water.

ASTM type II water does not have specifications for volatiles. Foster Wheeler Environmental Corporation may want to consider the use of 'volatile free' water, if the trace chloroform poses problems. The Stationary Blank, SB, which was purged at the time of preparation, did not contain either compound. Volatile free water, would be substantially more expensive, due to the need to purge the water and the difficulty of preparing it in large quantities.

Sincerely,

Debbie Frank  
Project Manager

cc: Judy Novelly (JPL)

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**Southern California Service Center**  
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Irvine, California 92606  
Tel: 949 222 1845  
Fax: 949 222 1849

**Montgomery Watson Laboratories**  
, Los Angeles, CA 90051-3508  
PHONE: 626-568-6400/FAX: 626-568-6324

ACKNOWLEDGMENT OF SAMPLES RECEIVED

Foster Wheeler Environmental, Inc  
611 Anton Boulevard  
Suite 800  
Costa Mesa, CA 92626  
Attn: Mark Cutler

Customer Code: ENSERCH  
PO#: Sub PO#007618-0006  
Group#: 54792  
Project#: JPL  
Proj Mgr: Debbie Frank  
Phone: (714) 444-5526

The following samples were received from you on 06/02/99. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using Montgomery Watson Laboratories.

| Sample#   | Sample Id  | Tests Scheduled                                                                                                       | Matrix | Sample Date |
|-----------|------------|-----------------------------------------------------------------------------------------------------------------------|--------|-------------|
| 90602120  | MW-992-106 | @EBASVOA                                                                                                              | Water  | 06/02/99    |
| 990602121 | MW-992-105 | @EBASVOA AS-EBAS CR-EBAS PB-EBAS CR-VI CLO4                                                                           | Water  | 06/02/99    |
| 990602122 | MW-992-044 | @EBASVOA CR-VI PB-EBAS CR-EBAS AS-EBAS TDS CATION1 ANION1 PH EC HCO3 CO3 ALK NO3 SO4 CL FE-MS K NA MG CA CLO4         | Water  | 06/02/99    |
| 90602123  | MW-992-043 | @EBASVOA CLO4 CA MG NA K FE-MS CL SO4 NO3 ALK CO3 HCO3 EC PH ANION1 CATION1 TDS AS-EBAS CR-EBAS PB-EBAS CR-VI         | Water  | 06/02/99    |
| 990602124 | MW-992-042 | @DIOXANE @EBASVOA CLO4 CA MG NA K FE-MS CL SO4 NO3 ALK CO3 HCO3 EC PH ANION CATION1 TDS AS-EBAS CR-EBAS PB-EBAS CR-VI | Water  | 06/02/99    |
| 90602125  | MW-992-041 | @EBASVOA CR-VI PB-EBAS CR-EBAS AS-EBAS TDS CATION1 ANION1 PH EC HCO3 CO3 ALK NO3 SO4 CL FE-MS K NA MG CA CLO4         | Water  | 06/02/99    |
| 990602126 | MW-992-040 | @EBASVOA CR-VI PB-EBAS CR-EBAS AS-EBAS TDS CATION1 ANION1 PH EC HCO3 CO3 ALK NO3 SO4 CL FE-MS K NA MG CA CLO4         | Water  | 06/02/99    |

Test Acronym Description

| Test Acronym | Description |
|--------------|-------------|
|--------------|-------------|

Foster Wheeler Environmental, Inc  
611 Anton Boulevard  
Suite 800  
Costa Mesa, CA 92626  
Attn: Mark Cutler

Customer Code: ENSERCH  
PO#: Sub PO#007618-0006  
Group#: 54792  
Project#: JPL  
Proj Mgr: Debbie Frank  
Phone: (714) 444-5526

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Test Acronym Description

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| Test Acronym | Description |
|--------------|-------------|
|--------------|-------------|

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|          |                                 |
|----------|---------------------------------|
| @DIOXANE | 1,4-Dioxane                     |
| @EBASVOA | Regulated VOCs plus Lists 1&3   |
| ALK      | Alkalinity                      |
| ANION1   | Anion Sum                       |
| AS-EBAS  | Arsenic, Total, GF              |
| CA       | Calcium, Total, ICAP            |
| CATION1  | Cation Sum                      |
| CL       | Chloride                        |
| CLO4     | Perchlorate                     |
| CO3      | Carbonate as CO3, Calculated    |
| CR-EBAS  | Chromium, Total, ICAP/MS        |
| CR-VI    | Hexavalent chromium (Cr VI)     |
| EC       | Specific Conductance            |
| FE-MS    | Iron, Total, ICAP/MS            |
| HCO3     | Bicarbonate as HCO3, calculated |
| K        | Potassium, Total, ICAP          |
| MG       | Magnesium, Total, ICAP          |
| NA       | Sodium, Total, ICAP             |
| NO3      | Nitrate-N by IC                 |
| PB-EBAS  | Lead, Total, ICAP/MS            |
| PH       | Lab pH                          |
| SO4      | Sulfate                         |
| TDS      | Total Dissolved Solid (TDS)     |



NUMBER 1260

54792

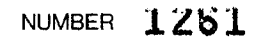
FOSTER WHEELER ENVIRONMENTAL CORPORATION

TEMP. 6-11  
REG. 105 OK

## CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

PAGE OF

| PROJECT<br>JPL                                        |                | OFS NO.<br>1572.0276               |                                        | HAZARD IDENTIFICATION<br>Non Hazard <input checked="" type="checkbox"/> Reactive <input type="checkbox"/><br>Flammable <input type="checkbox"/> Toxic <input type="checkbox"/><br>Skin Irritant <input type="checkbox"/> Infectious <input type="checkbox"/> |                 | TIME REQUIRED<br>NORMAL <input checked="" type="checkbox"/> DAYS<br>RUSH <input type="checkbox"/> DAYS |                                            |   |                 |                                        |   |                 |  |                                        |  |                 |  |
|-------------------------------------------------------|----------------|------------------------------------|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------------------------------------------------------------------------------------------------|--------------------------------------------|---|-----------------|----------------------------------------|---|-----------------|--|----------------------------------------|--|-----------------|--|
| PROJECT ADDRESS<br>4800 Oak Grove Drive, Pasadena, CA |                |                                    |                                        | ANALYSES REQUIRED                                                                                                                                                                                                                                            |                 |                                                                                                        |                                            |   |                 |                                        |   |                 |  |                                        |  |                 |  |
| SAMPLER (Name)<br>LEIS MAYES                          |                | SAMPLER (Signature)<br>[Signature] |                                        | VOCs (524.2)<br>Total MS/GC, Pb<br>(6010/7000)<br>Major Ions<br>As, Cd, Pb, TDS<br>Cr<br>C10A<br>MS for VOCs<br>MSD for VOCs<br>MS/MSD for Metals<br>QC for GC                                                                                               |                 |                                                                                                        |                                            |   |                 |                                        |   |                 |  |                                        |  |                 |  |
| LABORATORY<br>Montgomery Watson                       |                |                                    |                                        |                                                                                                                                                                                                                                                              |                 |                                                                                                        |                                            |   |                 |                                        |   |                 |  |                                        |  |                 |  |
| REPORTS TO BE SENT TO<br>Mr. Mark Cutler              |                |                                    |                                        |                                                                                                                                                                                                                                                              |                 |                                                                                                        |                                            |   |                 |                                        |   |                 |  |                                        |  |                 |  |
| SAMPLE NUMBER                                         | TIME COLLECTED | DATE COLLECTED                     | NUMBER OF CONTAINERS                   | CONTAINER SIZE(S)                                                                                                                                                                                                                                            | SAMPLE MATERIAL |                                                                                                        |                                            |   |                 |                                        |   |                 |  |                                        |  |                 |  |
|                                                       |                |                                    |                                        |                                                                                                                                                                                                                                                              | WATER           | SOIL                                                                                                   | OTHER (Describe)                           |   |                 |                                        |   |                 |  |                                        |  |                 |  |
| MW-992-106                                            | 0800           | 6/2/99                             | 2                                      | 2x40ml                                                                                                                                                                                                                                                       | X               |                                                                                                        |                                            | X |                 |                                        |   |                 |  |                                        |  |                 |  |
| MW-992-105                                            | 0815           | 6/2/99                             | 5                                      | 2x40ml, 1x250ml<br>2x125ml                                                                                                                                                                                                                                   | X               |                                                                                                        |                                            | X | X               |                                        | X | X               |  |                                        |  |                 |  |
| MW-992-044                                            | 0850           | 6/2/99                             | 6                                      | 2x40ml, 1x250ml<br>1x40ml, 2x125ml                                                                                                                                                                                                                           | X               |                                                                                                        |                                            | X | X               | X                                      | X | X               |  |                                        |  |                 |  |
| MW-992-043                                            | 1020           | 6/2/99                             | 6                                      | 2x40ml, 1x250ml<br>1x40ml, 2x125ml                                                                                                                                                                                                                           | X               |                                                                                                        |                                            | X | X               | X                                      | X | X               |  |                                        |  |                 |  |
| MW-992-042                                            | 1130           | 6/2/99                             | 6                                      | 2x40ml, 1x250ml<br>2x125ml, 1x50ml                                                                                                                                                                                                                           | X               |                                                                                                        |                                            | X | X               | X                                      | X | X               |  |                                        |  |                 |  |
| MW-992-041                                            | 1300           | 6/2/99                             | 6                                      | 2x40ml, 1x250ml<br>2x125ml, 1x50ml                                                                                                                                                                                                                           | X               |                                                                                                        |                                            | X | X               | X                                      | X | X               |  | X                                      |  |                 |  |
| MW-992-040                                            | 1400           | 6/2/99                             | 6                                      | 2x40ml, 1x250ml<br>2x125ml, 1x50ml                                                                                                                                                                                                                           | X               |                                                                                                        |                                            | X | X               | X                                      | X | X               |  | X                                      |  |                 |  |
| MW-992-041MS                                          | 1300           | 6/2/99                             | 2                                      | 2x40ml                                                                                                                                                                                                                                                       | X               |                                                                                                        |                                            | X | X               | X                                      | X | X               |  | X                                      |  |                 |  |
| MW-992-041MS                                          | 1200           | 6/2/99                             | 2                                      | 2x40ml                                                                                                                                                                                                                                                       | X               |                                                                                                        |                                            | X | X               | X                                      | X | X               |  | X                                      |  |                 |  |
| LABORATORY INSTRUCTIONS/COMMENTS<br>Level II QA/QC    |                |                                    |                                        |                                                                                                                                                                                                                                                              |                 |                                                                                                        |                                            |   |                 |                                        |   |                 |  |                                        |  |                 |  |
| RELINQUISHED BY (Signature)<br>[Signature]            |                | DATE<br>6-11-99                    | RECEIVED BY (Signature)<br>[Signature] |                                                                                                                                                                                                                                                              | DATE<br>6-11-99 |                                                                                                        | RELINQUISHED BY (Signature)<br>[Signature] |   | DATE<br>6-11-99 | RECEIVED BY (Signature)<br>[Signature] |   | DATE<br>6-11-99 |  | RECEIVED BY (Signature)<br>[Signature] |  | DATE<br>6-11-99 |  |
| COMPANY<br>Foster Wheeler                             |                | TIME<br>12:12                      | COMPANY<br>Foster Wheeler              |                                                                                                                                                                                                                                                              | TIME<br>12:12   |                                                                                                        | COMPANY<br>Foster Wheeler                  |   | TIME<br>12:12   | COMPANY<br>Foster Wheeler              |   | TIME<br>12:12   |  | COMPANY<br>Foster Wheeler              |  | TIME<br>12:12   |  |



## CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

PAGE OF

F-2

SHIPPING COPY

MONTGOMERY WATSON COOLER RECEIPT FORM

PROJECT: ENSERCH DATE RECEIVED: 6-2-99

Use back of form to note check-in problems and describe action(s) regarding the resolution(s) of problems.

A. PRELIMINARY EXAMINATION

Date Cooler opened: 6-2-99

By (print) MIKE CHURIAN (sign) 

1. Did cooler come with shipping slip (air bill, etc.)? Yes ☒ No ☐  
If yes, attach and enter carrier and air bill number here: Client hand delivered N/A

2. Were custody seals on outside of cooler? Yes ☒ No ☐  
If yes, how many and where: TWO: LID OF COOLER  
If yes, enter the following: seal date: 6-2-99 seal name: MLH

3. Were custody seals unbroken and intact at delivery? Yes ☒ No ☐

4. Were custody papers sealed in bag and taped to lid? Yes ☐ No ☒ N/A hand delivered

5. Were custody papers filled out properly (ink, etc.)? Yes ☒ No ☐

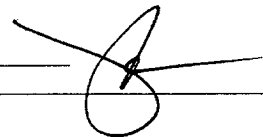
6. Did you sign custody papers in appropriate place? Yes ☒ No ☐

7. Was project identifiable from custody papers? Yes ☒ No ☐

8. Have designated person(s) initial and acknowledge receipt: MLD date: 6-2-99

B. LOGIN PHASE

Date samples were logged in: 6-2-99

By (print) M. DE MESA (sign) 

9. Describe packing: \_\_\_\_\_

10. If required, was enough ice used? Yes ☒ No ☐

11. Were all bottles sealed in separate plastic bags? Yes ☒ No ☐

12. Did all bottles arrive unbroken and in good condition? Yes ☒ No ☐

13. Were all bottle labels complete (ID, date, sign, preservative)?

14. Did all bottle labels agree with custody papers? If no, list on back. Yes ☒ No ☐

15. Were correct containers used for the analytes? Yes ☒ No ☐

16. Were correct preservatives used when required? Yes ☒ No ☐

17. Was sufficient amount of sample sent for tests? Yes ☒ No ☐

18. Bubbles absent in VOA vials? If no, list by sample ID on back. Yes ☒ No ☐

19. Was Client Services informed of problems? Yes ☐ No ☒ N/A no problems

*Done*

Report Summary of positive results, PR54792

|          |                                             | Result | MDL    | UNITS |
|----------|---------------------------------------------|--------|--------|-------|
| Analyzed | 990602120 MW-992-106                        |        |        |       |
| Analyzed | 990602121 MW-992-105                        |        |        |       |
| 06/07/99 | Chloroform (Trichloromethane)               | 1.2    | .500   | UGL   |
| Analyzed | 990602122 MW-992-044                        |        |        |       |
| 06/07/99 | Chloroform (Trichloromethane)               | 2.0    | .500   | UGL   |
| 06/07/99 | Tetrachloroethylene (PCE)                   | 0.6    | .500   | UGL   |
| 06/07/99 | Trichloroethylene (TCE)                     | 6.6    | .500   | UGL   |
| 06/11/99 | Alkalinity                                  | 157    | 2.000  | MGL   |
| 06/15/99 | Anion Sum                                   | 4.25   | .001   | MEQL  |
| 06/15/99 | Bicarbonate as HCO <sub>3</sub> ,calculated | 191    | .001   | MGL   |
| 06/15/99 | Calcium, Total, ICAP                        | 40.5   | 1.000  | MGL   |
| 06/15/99 | Carbonate as CO <sub>3</sub> , Calculated   | 1.56   | .001   | MGL   |
| 06/16/99 | Cation Sum                                  | 4.44   | .001   | MEQL  |
| 06/03/99 | Chloride                                    | 11.3   | 1.000  | MGL   |
| 06/11/99 | Iron, Total, ICAP/MS                        | 1900   | *****  | UGL   |
| 06/07/99 | Lab pH                                      | 8.1    | .001   | UNIT  |
| 06/11/99 | Lead, Total, ICAP/MS                        | 4.1    | 2.000  | UGL   |
| 06/15/99 | Magnesium, Total, ICAP                      | 12.4   | .100   | MGL   |
| 06/03/99 | Nitrate-N by IC                             | 1.66   | .100   | MGL   |
| 06/16/99 | Perchlorate                                 | 12     | 4.000  | UGL   |
| 06/15/99 | Potassium, Total, ICAP                      | 1.7    | 1.000  | MGL   |
| 06/15/99 | Sodium, Total, ICAP                         | 31.0   | 1.000  | MGL   |
| 06/04/99 | Specific Conductance                        | 420    | 4.000  | UMHO  |
| 06/03/99 | Sulfate                                     | 32.4   | 2.000  | MGL   |
| 06/08/99 | Total Dissolved Solid (TDS)                 | 260    | 10.000 | MGL   |
| Analyzed | 990602123 MW-992-043                        |        |        |       |
| 06/07/99 | Chloroform (Trichloromethane)               | 1.4    | .500   | UGL   |
| 06/07/99 | Trichloroethylene (TCE)                     | 3.2    | .500   | UGL   |
| 06/11/99 | Alkalinity                                  | 161    | 2.000  | MGL   |
| 06/15/99 | Anion Sum                                   | 4.32   | .001   | MEQL  |
| 06/15/99 | Bicarbonate as HCO <sub>3</sub> ,calculated | 196    | .001   | MGL   |
| 06/15/99 | Calcium, Total, ICAP                        | 42.1   | 1.000  | MGL   |
| 06/15/99 | Carbonate as CO <sub>3</sub> , Calculated   | 1.01   | .001   | MGL   |
| 06/16/99 | Cation Sum                                  | 4.41   | .001   | MEQL  |
| 06/03/99 | Chloride                                    | 11.0   | 1.000  | MGL   |
| 06/11/99 | Iron, Total, ICAP/MS                        | 460    | *****  | UGL   |
| 06/07/99 | Lab pH                                      | 7.9    | .001   | UNIT  |
| 06/15/99 | Magnesium, Total, ICAP                      | 12.1   | .100   | MGL   |
| 06/03/99 | Nitrate-N by IC                             | 1.65   | .100   | MGL   |
| 06/16/99 | Perchlorate                                 | 14     | 4.000  | UGL   |
| 06/15/99 | Potassium, Total, ICAP                      | 1.5    | 1.000  | MGL   |
| 06/15/99 | Sodium, Total, ICAP                         | 29.3   | 1.000  | MGL   |
| 06/04/99 | Specific Conductance                        | 420    | 4.000  | UMHO  |
| 06/03/99 | Sulfate                                     | 32.4   | 2.000  | MGL   |
| 06/08/99 | Total Dissolved Solid (TDS)                 | 280    | 10.000 | MGL   |
| Analyzed | 990602124 MW-992-042                        |        |        |       |
| 06/07/99 | Chloroform (Trichloromethane)               | 3.5    | .500   | UGL   |



|          |                                             |       |        |      |
|----------|---------------------------------------------|-------|--------|------|
| 06/07/99 | Trichloroethylene (TCE)                     | 1.5   | .500   | UGL  |
| 06/11/99 | Alkalinity                                  | 152   | 2.000  | MGL  |
| 06/15/99 | Anion Sum                                   | 4.04  | .001   | MEQL |
| 06/15/99 | Bicarbonate as HCO <sub>3</sub> ,calculated | 185   | .001   | MGL  |
| 06/15/99 | Calcium, Total, ICAP                        | 41.2  | 1.000  | MGL  |
| 06/15/99 | Carbonate as CO <sub>3</sub> , Calculated   | 0.955 | .001   | MGL  |
| 06/16/99 | Cation Sum                                  | 4.26  | .001   | MEQL |
| 06/03/99 | Chloride                                    | 9.85  | 1.000  | MGL  |
| 06/11/99 | Iron, Total, ICAP/MS                        | 460   | *****  | UGL  |
| 06/07/99 | Lab pH                                      | 7.9   | .001   | UNIT |
| 06/15/99 | Magnesium, Total, ICAP                      | 16.2  | .100   | MGL  |
| 06/03/99 | Nitrate-N by IC                             | 1.05  | .100   | MGL  |
| 06/15/99 | Potassium, Total, ICAP                      | 1.8   | 1.000  | MGL  |
| 06/15/99 | Sodium, Total, ICAP                         | 18.9  | 1.000  | MGL  |
| 06/04/99 | Specific Conductance                        | 405   | 4.000  | UMHO |
| 06/03/99 | Sulfate                                     | 31.2  | 2.000  | MGL  |
| 06/08/99 | Total Dissolved Solid (TDS)                 | 270   | 10.000 | MGL  |

Analyzed 990602125 MW-992-041

|          |                                             |       |        |      |
|----------|---------------------------------------------|-------|--------|------|
| 06/07/99 | Chloroform (Trichloromethane)               | 3.2   | .500   | UGL  |
| 06/11/99 | Alkalinity                                  | 143   | 2.000  | MGL  |
| 06/15/99 | Anion Sum                                   | 3.69  | .001   | MEQL |
| 06/15/99 | Bicarbonate as HCO <sub>3</sub> ,calculated | 174   | .001   | MGL  |
| 06/15/99 | Calcium, Total, ICAP                        | 38.2  | 1.000  | MGL  |
| 06/15/99 | Carbonate as CO <sub>3</sub> , Calculated   | 0.898 | .001   | MGL  |
| 06/16/99 | Cation Sum                                  | 3.80  | .001   | MEQL |
| 06/03/99 | Chloride                                    | 7.09  | 1.000  | MGL  |
| 06/11/99 | Iron, Total, ICAP/MS                        | 175   | *****  | UGL  |
| 06/07/99 | Lab pH                                      | 7.9   | .001   | UNIT |
| 06/15/99 | Magnesium, Total, ICAP                      | 14.3  | .100   | MGL  |
| 06/03/99 | Nitrate-N by IC                             | 1.07  | .100   | MGL  |
| 06/15/99 | Potassium, Total, ICAP                      | 2.2   | 1.000  | MGL  |
| 06/15/99 | Sodium, Total, ICAP                         | 15.1  | 1.000  | MGL  |
| 06/04/99 | Specific Conductance                        | 360   | 4.000  | UMHO |
| 06/03/99 | Sulfate                                     | 26.8  | 2.000  | MGL  |
| 06/08/99 | Total Dissolved Solid (TDS)                 | 210   | 10.000 | MGL  |

Analyzed 990602126 MW-992-040

|          |                                             |       |        |      |
|----------|---------------------------------------------|-------|--------|------|
| 06/11/99 | Alkalinity                                  | 159   | 2.000  | MGL  |
| 06/15/99 | Anion Sum                                   | 4.11  | .001   | MEQL |
| 06/15/99 | Bicarbonate as HCO <sub>3</sub> ,calculated | 194   | .001   | MGL  |
| 06/15/99 | Calcium, Total, ICAP                        | 45.3  | 1.000  | MGL  |
| 06/15/99 | Carbonate as CO <sub>3</sub> , Calculated   | 0.252 | .001   | MGL  |
| 06/16/99 | Cation Sum                                  | 4.22  | .001   | MEQL |
| 06/03/99 | Chloride                                    | 8.51  | 1.000  | MGL  |
| 06/07/99 | Lab pH                                      | 7.3   | .001   | UNIT |
| 06/15/99 | Magnesium, Total, ICAP                      | 15.2  | .100   | MGL  |
| 06/03/99 | Nitrate-N by IC                             | 0.67  | .100   | MGL  |
| 06/15/99 | Potassium, Total, ICAP                      | 2.2   | 1.000  | MGL  |
| 06/15/99 | Sodium, Total, ICAP                         | 14.9  | 1.000  | MGL  |
| 06/04/99 | Specific Conductance                        | 405   | 4.000  | UMHO |
| 06/03/99 | Sulfate                                     | 30.7  | 2.000  | MGL  |
| 06/08/99 | Total Dissolved Solid (TDS)                 | 240   | 10.000 | MGL  |



**MONTGOMERY WATSON LABORATORIES**

a Division of Montgomery Watson Americas, Inc.

555 East Walnut Street

Pasadena, California 91101

Tel: 626 568 6400 Fax: 626 568 6324

1 800 566 LABS (1 800 566 5227)

**Laboratory Report**

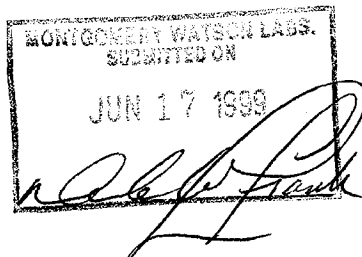
for

Foster Wheeler Environmental, Inc  
611 Anton Boulevard

Suite 800

Costa Mesa , CA 92626

Attention: Mark Cutler  
Fax: (714) 444-5560



DEB\* Debbie Frank

Report#: 54792  
JPL

**MONTGOMERY WATSON LABORATORIES**

a Division of Montgomery Watson Americas, Inc.  
555 East Walnut Street  
Pasadena, California 91101  
Tel: 626 568 6400 Fax: 626 568 6324  
1 800 566 LABS (1 800 566 5227)

Laboratory  
Report  
#54792

Foster Wheeler Environmental, Inc  
Mark Cutler  
611 Anton Boulevard  
Suite 800  
Costa Mesa, CA 92626

Samples Received  
02-jun-1999 15:49:27

| Prepared                      | Analyzed | QC Batch# | Method           | Analyte                       | Result | Units | MRL  | Dilution |
|-------------------------------|----------|-----------|------------------|-------------------------------|--------|-------|------|----------|
| MW-992-106 (990602120)        |          |           |                  | Sampled on 06/02/99           |        |       |      |          |
| Regulated VOCs plus Lists 1&3 |          |           |                  |                               |        |       |      |          |
| 06/07/99                      | 97405    |           | ( ML/EPA 524.2 ) | 1,1,1,2-Tetrachloroethane     | ND     | ug/l  | 0.50 | 1        |
| 06/07/99                      | 97405    |           | ( ML/EPA 524.2 ) | 1,1,1-Trichloroethane         | ND     | ug/l  | 0.50 | 1        |
| 06/07/99                      | 97405    |           | ( ML/EPA 524.2 ) | 1,1,2,2-Tetrachloroethane     | ND     | ug/l  | 0.50 | 1        |
| 06/07/99                      | 97405    |           | ( ML/EPA 524.2 ) | 1,1,2-Trichloroethane         | ND     | ug/l  | 0.50 | 1        |
| 06/07/99                      | 97405    |           | ( ML/EPA 524.2 ) | 1,1-Dichloroethane            | ND     | ug/l  | 0.50 | 1        |
| 06/07/99                      | 97405    |           | ( ML/EPA 524.2 ) | 1,1-Dichloroethylene          | ND     | ug/l  | 0.50 | 1        |
| 06/07/99                      | 97405    |           | ( ML/EPA 524.2 ) | 1,1-Dichloropropene           | ND     | ug/l  | 0.50 | 1        |
| 06/07/99                      | 97405    |           | ( ML/EPA 524.2 ) | 1,2,3-Trichlorobenzene        | ND     | ug/l  | 0.50 | 1        |
| 06/07/99                      | 97405    |           | ( ML/EPA 524.2 ) | 1,2,3-Trichloropropane        | ND     | ug/l  | 0.50 | 1        |
| 06/07/99                      | 97405    |           | ( ML/EPA 524.2 ) | 1,2,4-Trichlorobenzene        | ND     | ug/l  | 0.50 | 1        |
| 06/07/99                      | 97405    |           | ( ML/EPA 524.2 ) | 1,2,4-Trimethylbenzene        | ND     | ug/l  | 0.50 | 1        |
| 06/07/99                      | 97405    |           | ( ML/EPA 524.2 ) | 1,2-Dichloroethane            | ND     | ug/l  | 0.50 | 1        |
| 06/07/99                      | 97405    |           | ( ML/EPA 524.2 ) | 1,2-Dichloropropane           | ND     | ug/l  | 0.50 | 1        |
| 06/07/99                      | 97405    |           | ( ML/EPA 524.2 ) | 1,3,5-Trimethylbenzene        | ND     | ug/l  | 0.50 | 1        |
| 06/07/99                      | 97405    |           | ( ML/EPA 524.2 ) | 1,3-Dichloropropane           | ND     | ug/l  | 0.50 | 1        |
| 06/07/99                      | 97405    |           | ( ML/EPA 524.2 ) | p-Dichlorobenzene (1,4-DCB)   | ND     | ug/l  | 0.50 | 1        |
| 06/07/99                      | 97405    |           | ( ML/EPA 524.2 ) | 2,2-Dichloropropane           | ND     | ug/l  | 0.50 | 1        |
| 06/07/99                      | 97405    |           | ( ML/EPA 524.2 ) | 2-Butanone (MEK)              | ND     | ug/l  | 5.0  | 1        |
| 06/07/99                      | 97405    |           | ( ML/EPA 524.2 ) | o-Chlorotoluene               | ND     | ug/l  | 0.50 | 1        |
| 06/07/99                      | 97405    |           | ( ML/EPA 524.2 ) | p-Chlorotoluene               | ND     | ug/l  | 0.50 | 1        |
| 06/07/99                      | 97405    |           | ( ML/EPA 524.2 ) | 4-Methyl-2-Pentanone (MIBK)   | ND     | ug/l  | 5.0  | 1        |
| 06/07/99                      | 97405    |           | ( ML/EPA 524.2 ) | Benzene                       | ND     | ug/l  | 0.50 | 1        |
| 06/07/99                      | 97405    |           | ( ML/EPA 524.2 ) | Bromobenzene                  | ND     | ug/l  | 0.50 | 1        |
| 06/07/99                      | 97405    |           | ( ML/EPA 524.2 ) | Bromomethane (Methyl Bromide) | ND     | ug/l  | 0.50 | 1        |
| 06/07/99                      | 97405    |           | ( ML/EPA 524.2 ) | cis-1,2-Dichloroethylene      | ND     | ug/l  | 0.50 | 1        |
| 06/07/99                      | 97405    |           | ( ML/EPA 524.2 ) | Chlorobenzene                 | ND     | ug/l  | 0.50 | 1        |
| 06/07/99                      | 97405    |           | ( ML/EPA 524.2 ) | Carbon Tetrachloride          | ND     | ug/l  | 0.50 | 1        |
| 06/07/99                      | 97405    |           | ( ML/EPA 524.2 ) | cis-1,3-Dichloropropene       | ND     | ug/l  | 0.50 | 1        |
| 06/07/99                      | 97405    |           | ( ML/EPA 524.2 ) | Bromoform                     | ND     | ug/l  | 0.50 | 1        |

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**Laboratory****Report****#54792**Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method            | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|-------------------|---------------------------------|--------|-------|------|----------|
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Chloroform (Trichloromethane)   | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Bromochloromethane              | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Chloroethane                    | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Chloromethane (Methyl Chloride) | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Chlorodibromomethane            | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Dibromomethane                  | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Bromodichloromethane            | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Dichloromethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Ethyl benzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/E524.2/624 ) | Dichlorodifluoromethane         | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Fluorotrichloromethane-Freon11  | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Hexachlorobutadiene             | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Isopropylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | m-Dichlorobenzene (1,3-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | m,p-Xylenes                     | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Naphthalene                     | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | n-Butylbenzene                  | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | n-Propylbenzene                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | o-Xylene                        | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | o-Dichlorobenzene (1,2-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Tetrachloroethylene (PCE)       | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | p-Isopropyltoluene              | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | sec-Butylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Styrene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | trans-1,2-Dichloroethylene      | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | tert-Butylbenzene               | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Trichloroethylene (TCE)         | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Trichlorotrifluoroethane (Freon | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | trans-1,3-Dichloropropene       | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Toluene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Vinyl chloride (VC)             | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )     | None detected                   | ND     |       |      | 1        |
|          |          |           | ( Surrogate )     | 1,2-Dichloroethane-d4           | 97     | % Rec |      |          |
|          |          |           | ( Surrogate )     | 4-Bromofluorobenzene            | 98     | % Rec |      |          |
|          |          |           | ( Surrogate )     | Toluene-d8                      | 94     | % Rec |      |          |

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Laboratory  
Report  
#54792

Foster Wheeler Environmental, Inc  
(continued)

| Prepared                      | Analyzed | QC Batch# | Method            | Analyte                       | Result | Units | MRL   | Dilution |
|-------------------------------|----------|-----------|-------------------|-------------------------------|--------|-------|-------|----------|
| MW-992-105 (990602121)        |          |           |                   | Sampled on 06/02/99           |        |       |       |          |
| 06/10/99                      | 06/14/99 | 97585     | ( S3113B/E200.9 ) | Arsenic, Total, GF            | ND     | mg/l  | 0.005 | 1        |
|                               | 06/16/99 | 97644     | ( MOD/EPA 300 )   | Perchlorate                   | ND     | ug/l  | 4.0   | 1        |
| 06/10/99                      | 06/11/99 | 97491     | ( EPA/ML 200.8 )  | Chromium, Total, ICAP/MS      | ND     | ug/l  | 10    | 1        |
|                               | 06/03/99 | 97066     | ( ML/SW 7196 )    | Hexavalent chromium (Cr VI)   | ND     | mg/l  | 0.005 | 1        |
| 06/10/99                      | 06/11/99 | 97493     | ( EPA/ML 200.8 )  | Lead, Total, ICAP/MS          | ND     | ug/l  | 2.0   | 1        |
| Regulated VOCs plus Lists 1&3 |          |           |                   |                               |        |       |       |          |
|                               | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | 1,1,1,2-Tetrachloroethane     | ND     | ug/l  | 0.50  | 1        |
|                               | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | 1,1,1-Trichloroethane         | ND     | ug/l  | 0.50  | 1        |
|                               | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | 1,1,2,2-Tetrachloroethane     | ND     | ug/l  | 0.50  | 1        |
|                               | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | 1,1,2-Trichloroethane         | ND     | ug/l  | 0.50  | 1        |
|                               | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | 1,1-Dichloroethane            | ND     | ug/l  | 0.50  | 1        |
|                               | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | 1,1-Dichloroethylene          | ND     | ug/l  | 0.50  | 1        |
|                               | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | 1,1-Dichloropropene           | ND     | ug/l  | 0.50  | 1        |
|                               | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | 1,2,3-Trichlorobenzene        | ND     | ug/l  | 0.50  | 1        |
|                               | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | 1,2,3-Trichloropropane        | ND     | ug/l  | 0.50  | 1        |
|                               | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | 1,2,4-Trichlorobenzene        | ND     | ug/l  | 0.50  | 1        |
|                               | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | 1,2,4-Trimethylbenzene        | ND     | ug/l  | 0.50  | 1        |
|                               | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | 1,2-Dichloroethane            | ND     | ug/l  | 0.50  | 1        |
|                               | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | 1,2-Dichloropropane           | ND     | ug/l  | 0.50  | 1        |
|                               | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | 1,3,5-Trimethylbenzene        | ND     | ug/l  | 0.50  | 1        |
|                               | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | 1,3-Dichloropropane           | ND     | ug/l  | 0.50  | 1        |
|                               | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | p-Dichlorobenzene (1,4-DCB)   | ND     | ug/l  | 0.50  | 1        |
|                               | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | 2,2-Dichloropropane           | ND     | ug/l  | 0.50  | 1        |
|                               | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | 2-Butanone (MEK)              | ND     | ug/l  | 5.0   | 1        |
|                               | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | o-Chlorotoluene               | ND     | ug/l  | 0.50  | 1        |
|                               | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | p-Chlorotoluene               | ND     | ug/l  | 0.50  | 1        |
|                               | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | 4-Methyl-2-Pentanone (MIBK)   | ND     | ug/l  | 5.0   | 1        |
|                               | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Benzene                       | ND     | ug/l  | 0.50  | 1        |
|                               | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Bromobenzene                  | ND     | ug/l  | 0.50  | 1        |
|                               | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Bromomethane (Methyl Bromide) | ND     | ug/l  | 0.50  | 1        |
|                               | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | cis-1,2-Dichloroethylene      | ND     | ug/l  | 0.50  | 1        |
|                               | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Chlorobenzene                 | ND     | ug/l  | 0.50  | 1        |
|                               | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Carbon Tetrachloride          | ND     | ug/l  | 0.50  | 1        |

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**Laboratory****Report****#54792****Foster Wheeler Environmental, Inc**  
(continued)

| Prepared | Analyzed | QC Batch# | Method            | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|-------------------|---------------------------------|--------|-------|------|----------|
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | cis-1,3-Dichloropropene         | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Bromoform                       | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Chloroform (Trichloromethane)   | 1.2    | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Bromochloromethane              | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Chloroethane                    | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Chloromethane (Methyl Chloride) | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Chlorodibromomethane            | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Dibromomethane                  | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Bromodichloromethane            | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Dichloromethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Ethyl benzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/E524.2/624 ) | Dichlorodifluoromethane         | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Fluorotrichloromethane-Freon11  | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Hexachlorobutadiene             | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Isopropylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | m-Dichlorobenzene (1,3-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | m,p-Xylenes                     | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Naphthalene                     | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | n-Butylbenzene                  | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | n-Propylbenzene                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | o-Xylene                        | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | o-Dichlorobenzene (1,2-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Tetrachloroethylene (PCE)       | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | p-Isopropyltoluene              | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | sec-Butylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Styrene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | trans-1,2-Dichloroethylene      | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | tert-Butylbenzene               | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Trichloroethylene (TCE)         | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Trichlorotrifluoroethane (Freon | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | trans-1,3-Dichloropropene       | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Toluene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Vinyl chloride (VC)             | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )     | None detected                   | ND     |       |      | 1        |
|          |          |           | ( Surrogate )     | 1,2-Dichloroethane-d4           | 108    | % Rec |      |          |
|          |          |           | ( Surrogate )     | 4-Bromofluorobenzene            | 93     | % Rec |      |          |



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**Laboratory  
Report  
#54792**

Foster Wheeler Environmental, Inc  
(continued)

| Prepared                                                               | Analyzed | QC Batch# | Method            | Analyte                        | Result | Units   | MRL    | Dilution |
|------------------------------------------------------------------------|----------|-----------|-------------------|--------------------------------|--------|---------|--------|----------|
|                                                                        |          |           | ( Surrogate )     | Toluene-d8                     | 103    | % Rec   |        |          |
| <b>MW-992-044 (990602122)                      Sampled on 06/02/99</b> |          |           |                   |                                |        |         |        |          |
|                                                                        | 06/11/99 | 97563     | ( ML/SM2320B )    | Alkalinity                     | 157    | mg/l    | 2.0    | 1        |
|                                                                        | 06/15/99 |           | ( ML/SM1040 )     | Anion Sum                      | 4.25   | meq/l   | 0.0010 | 1        |
| 06/10/99                                                               | 06/14/99 | 97585     | ( S3113B/E200.9 ) | Arsenic, Total, GF             | ND     | mg/l    | 0.005  | 1        |
| 06/15/99                                                               | 06/15/99 | 97612     | ( ML/EPA 200.7 )  | Calcium, Total, ICAP           | 40.5   | mg/l    | 1.0    | 1        |
|                                                                        | 06/16/99 |           | ( ML/SM1040 )     | Cation Sum                     | 4.44   | meq/l   | 0.0010 | 1        |
|                                                                        | 06/03/99 | 97098     | ( ML/EPA 300 )    | Chloride                       | 11.3   | mg/l    | 1.0    | 1        |
|                                                                        | 06/16/99 | 97644     | ( MOD/EPA 300 )   | Perchlorate                    | 12     | ug/l    | 4.0    | 1        |
|                                                                        | 06/15/99 |           | ( ML/SM2320B )    | Carbonate as CO3, Calculated   | 1.56   | mg/l    | 0.0010 | 1        |
| 06/10/99                                                               | 06/11/99 | 97491     | ( EPA/ML 200.8 )  | Chromium, Total, ICAP/MS       | ND     | ug/l    | 10     | 1        |
|                                                                        | 06/03/99 | 97066     | ( ML/SW 7196 )    | Hexavalent chromium (Cr VI)    | ND     | mg/l    | 0.005  | 1        |
|                                                                        | 06/04/99 | 97110     | ( ML/S2510B )     | Specific Conductance           | 420    | umho/cm | 4.0    | 1        |
| 06/10/99                                                               | 06/11/99 | 97492     | ( EPA/ML 200.8 )  | Iron, Total, ICAP/MS           | 1900   | ug/l    | 100    | 1        |
|                                                                        | 06/15/99 |           | ( ML/SM2320B )    | Bicarbonate as HCO3,calculated | 191    | mg/l    | 0.0010 | 1        |
| 06/15/99                                                               | 06/15/99 | 97614     | ( ML/EPA 200.7 )  | Potassium, Total, ICAP         | 1.7    | mg/l    | 1.0    | 1        |
| 06/15/99                                                               | 06/15/99 | 97619     | ( ML/EPA 200.7 )  | Magnesium, Total, ICAP         | 12.4   | mg/l    | 0.10   | 1        |
| 06/15/99                                                               | 06/15/99 | 97621     | ( ML/EPA 200.7 )  | Sodium, Total, ICAP            | 31.0   | mg/l    | 1.0    | 1        |
|                                                                        | 06/03/99 | 97100     | ( ML/EPA 300.0 )  | Nitrate-N by IC                | 1.66   | mg/l    | 0.10   | 1        |
| 06/10/99                                                               | 06/11/99 | 97493     | ( EPA/ML 200.8 )  | Lead, Total, ICAP/MS           | 4.1    | ug/l    | 2.0    | 1        |
|                                                                        | 06/07/99 | 97345     | ( ML/SM 4500HB)   | Lab pH                         | 8.1    | Units   | 0.0010 | 1        |
|                                                                        | 06/03/99 | 97101     | ( ML/EPA 300.0 )  | Sulfate                        | 32.4   | mg/l    | 2.0    | 1        |
|                                                                        | 06/08/99 | 97442     | ( ML/SM2540C )    | Total Dissolved Solid (TDS)    | 260    | mg/l    | 10     | 1        |
| <b>Regulated VOCs plus Lists 1&amp;3</b>                               |          |           |                   |                                |        |         |        |          |
|                                                                        | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | 1,1,1,2-Tetrachloroethane      | ND     | ug/l    | 0.50   | 1        |
|                                                                        | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | 1,1,1-Trichloroethane          | ND     | ug/l    | 0.50   | 1        |
|                                                                        | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | 1,1,2,2-Tetrachloroethane      | ND     | ug/l    | 0.50   | 1        |
|                                                                        | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | 1,1,2-Trichloroethane          | ND     | ug/l    | 0.50   | 1        |
|                                                                        | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | 1,1-Dichloroethane             | ND     | ug/l    | 0.50   | 1        |
|                                                                        | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | 1,1-Dichloroethylene           | ND     | ug/l    | 0.50   | 1        |
|                                                                        | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | 1,1-Dichloropropene            | ND     | ug/l    | 0.50   | 1        |
|                                                                        | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | 1,2,3-Trichlorobenzene         | ND     | ug/l    | 0.50   | 1        |
|                                                                        | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | 1,2,3-Trichloropropane         | ND     | ug/l    | 0.50   | 1        |
|                                                                        | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | 1,2,4-Trichlorobenzene         | ND     | ug/l    | 0.50   | 1        |

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**Laboratory****Report****#54792****Foster Wheeler Environmental, Inc**  
(continued)

| Prepared | Analyzed | QC Batch# | Method            | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|-------------------|---------------------------------|--------|-------|------|----------|
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | 1,2,4-Trimethylbenzene          | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | 1,2-Dichloroethane              | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | 1,2-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | 1,3,5-Trimethylbenzene          | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | 1,3-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | p-Dichlorobenzene (1,4-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | 2,2-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | 2-Butanone (MEK)                | ND     | ug/l  | 5.0  | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | o-Chlorotoluene                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | p-Chlorotoluene                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | 4-Methyl-2-Pentanone (MIBK)     | ND     | ug/l  | 5.0  | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Benzene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Bromobenzene                    | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Bromomethane (Methyl Bromide)   | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | cis-1,2-Dichloroethylene        | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Chlorobenzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Carbon Tetrachloride            | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | cis-1,3-Dichloropropene         | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Bromoform                       | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Chloroform (Trichloromethane)   | 2.0    | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Bromochloromethane              | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Chloroethane                    | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Chloromethane (Methyl Chloride) | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Chlorodibromomethane            | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Dibromomethane                  | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Bromodichloromethane            | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Dichloromethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Ethyl benzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/E524.2/624 ) | Dichlorodifluoromethane         | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Fluorotrichloromethane-Freon11  | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Hexachlorobutadiene             | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Isopropylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | m-Dichlorobenzene (1,3-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | m,p-Xylenes                     | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Naphthalene                     | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | n-Butylbenzene                  | ND     | ug/l  | 0.50 | 1        |





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**Laboratory  
Report  
#54792**

Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method           | Analyte                          | Result | Units | MRL  | Dilution |
|----------|----------|-----------|------------------|----------------------------------|--------|-------|------|----------|
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 ) | n-Propylbenzene                  | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 ) | o-Xylene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 ) | o-Dichlorobenzene (1,2-DCB)      | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 ) | Tetrachloroethylene (PCE)        | 0.6    | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 ) | p-Isopropyltoluene               | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 ) | sec-Butylbenzene                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 ) | Styrene                          | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 ) | trans-1,2-Dichloroethylene       | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 ) | tert-Butylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 ) | Trichloroethylene (TCE)          | 6.6    | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 ) | Trichlorotrifluoroethane (Freon) | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 ) | trans-1,3-Dichloropropene        | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 ) | Toluene                          | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 ) | Vinyl chloride (VC)              | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )    | None detected                    | ND     |       |      | 1        |
|          |          |           | ( Surrogate )    | 1,2-Dichloroethane-d4            | 98     | % Rec |      |          |
|          |          |           | ( Surrogate )    | 4-Bromofluorobenzene             | 100    | % Rec |      |          |
|          |          |           | ( Surrogate )    | Toluene-d8                       | 100    | % Rec |      |          |

**MW-992-043 (990602123) Sampled on 06/02/99**

|          |          |       |                   |                                |      |         |        |   |
|----------|----------|-------|-------------------|--------------------------------|------|---------|--------|---|
|          | 06/11/99 | 97563 | ( ML/SM2320B )    | Alkalinity                     | 161  | mg/l    | 2.0    | 1 |
|          | 06/15/99 |       | ( ML/SM1040 )     | Anion Sum                      | 4.32 | meq/l   | 0.0010 | 1 |
| 06/10/99 | 06/14/99 | 97585 | ( S3113B/E200.9 ) | Arsenic, Total, GF             | ND   | mg/l    | 0.005  | 1 |
| 06/15/99 | 06/15/99 | 97612 | ( ML/EPA 200.7 )  | Calcium, Total, ICAP           | 42.1 | mg/l    | 1.0    | 1 |
|          | 06/16/99 |       | ( ML/SM1040 )     | Cation Sum                     | 4.41 | meq/l   | 0.0010 | 1 |
|          | 06/03/99 | 97098 | ( ML/EPA 300 )    | Chloride                       | 11.0 | mg/l    | 1.0    | 1 |
|          | 06/16/99 | 97644 | ( MOD/EPA 300 )   | Perchlorate                    | 14   | ug/l    | 4.0    | 1 |
|          | 06/15/99 |       | ( ML/SM2320B )    | Carbonate as CO3, Calculated   | 1.01 | mg/l    | 0.0010 | 1 |
| 06/10/99 | 06/11/99 | 97491 | ( EPA/ML 200.8 )  | Chromium, Total, ICAP/MS       | ND   | ug/l    | 10     | 1 |
|          | 06/03/99 | 97066 | ( ML/SW 7196 )    | Hexavalent chromium (Cr VI)    | ND   | mg/l    | 0.005  | 1 |
|          | 06/04/99 | 97110 | ( ML/S2510B )     | Specific Conductance           | 420  | umho/cm | 4.0    | 1 |
| 06/10/99 | 06/11/99 | 97492 | ( EPA/ML 200.8 )  | Iron, Total, ICAP/MS           | 460  | ug/l    | 100    | 1 |
|          | 06/15/99 |       | ( ML/SM2320B )    | Bicarbonate as HCO3,calculated | 196  | mg/l    | 0.0010 | 1 |
| 06/15/99 | 06/15/99 | 97614 | ( ML/EPA 200.7 )  | Potassium, Total, ICAP         | 1.5  | mg/l    | 1.0    | 1 |
| 06/15/99 | 06/15/99 | 97619 | ( ML/EPA 200.7 )  | Magnesium, Total, ICAP         | 12.1 | mg/l    | 0.10   | 1 |
| 06/15/99 | 06/15/99 | 97621 | ( ML/EPA 200.7 )  | Sodium, Total, ICAP            | 29.3 | mg/l    | 1.0    | 1 |

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**Laboratory  
Report  
#54792**Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method           | Analyte                     | Result | Units | MRL    | Dilution |
|----------|----------|-----------|------------------|-----------------------------|--------|-------|--------|----------|
| 06/10/99 | 06/03/99 | 97100     | ( ML/EPA 300.0 ) | Nitrate-N by IC             | 1.65   | mg/l  | 0.10   | 1        |
|          | 06/11/99 | 97493     | ( EPA/ML 200.8 ) | Lead, Total, ICAP/MS        | ND     | ug/l  | 2.0    | 1        |
|          | 06/07/99 | 97345     | ( ML/SM 4500HB)  | Lab pH                      | 7.9    | Units | 0.0010 | 1        |
|          | 06/03/99 | 97101     | ( ML/EPA 300.0 ) | Sulfate                     | 32.4   | mg/l  | 2.0    | 1        |
|          | 06/08/99 | 97442     | ( ML/SM2540C )   | Total Dissolved Solid (TDS) | 280    | mg/l  | 10     | 1        |

**Regulated VOCs plus Lists 1&3**

|          |       |                  |                               |    |      |      |   |
|----------|-------|------------------|-------------------------------|----|------|------|---|
| 06/07/99 | 97405 | ( ML/EPA 524.2 ) | 1,1,1,2-Tetrachloroethane     | ND | ug/l | 0.50 | 1 |
| 06/07/99 | 97405 | ( ML/EPA 524.2 ) | 1,1,1-Trichloroethane         | ND | ug/l | 0.50 | 1 |
| 06/07/99 | 97405 | ( ML/EPA 524.2 ) | 1,1,2,2-Tetrachloroethane     | ND | ug/l | 0.50 | 1 |
| 06/07/99 | 97405 | ( ML/EPA 524.2 ) | 1,1,2-Trichloroethane         | ND | ug/l | 0.50 | 1 |
| 06/07/99 | 97405 | ( ML/EPA 524.2 ) | 1,1-Dichloroethane            | ND | ug/l | 0.50 | 1 |
| 06/07/99 | 97405 | ( ML/EPA 524.2 ) | 1,1-Dichloroethylene          | ND | ug/l | 0.50 | 1 |
| 06/07/99 | 97405 | ( ML/EPA 524.2 ) | 1,1-Dichloropropene           | ND | ug/l | 0.50 | 1 |
| 06/07/99 | 97405 | ( ML/EPA 524.2 ) | 1,2,3-Trichlorobenzene        | ND | ug/l | 0.50 | 1 |
| 06/07/99 | 97405 | ( ML/EPA 524.2 ) | 1,2,3-Trichloropropane        | ND | ug/l | 0.50 | 1 |
| 06/07/99 | 97405 | ( ML/EPA 524.2 ) | 1,2,4-Trichlorobenzene        | ND | ug/l | 0.50 | 1 |
| 06/07/99 | 97405 | ( ML/EPA 524.2 ) | 1,2,4-Trimethylbenzene        | ND | ug/l | 0.50 | 1 |
| 06/07/99 | 97405 | ( ML/EPA 524.2 ) | 1,2-Dichloroethane            | ND | ug/l | 0.50 | 1 |
| 06/07/99 | 97405 | ( ML/EPA 524.2 ) | 1,2-Dichloropropane           | ND | ug/l | 0.50 | 1 |
| 06/07/99 | 97405 | ( ML/EPA 524.2 ) | 1,3,5-Trimethylbenzene        | ND | ug/l | 0.50 | 1 |
| 06/07/99 | 97405 | ( ML/EPA 524.2 ) | 1,3-Dichloropropane           | ND | ug/l | 0.50 | 1 |
| 06/07/99 | 97405 | ( ML/EPA 524.2 ) | p-Dichlorobenzene (1,4-DCB)   | ND | ug/l | 0.50 | 1 |
| 06/07/99 | 97405 | ( ML/EPA 524.2 ) | 2,2-Dichloropropane           | ND | ug/l | 0.50 | 1 |
| 06/07/99 | 97405 | ( ML/EPA 524.2 ) | 2-Butanone (MEK)              | ND | ug/l | 5.0  | 1 |
| 06/07/99 | 97405 | ( ML/EPA 524.2 ) | o-Chlorotoluene               | ND | ug/l | 0.50 | 1 |
| 06/07/99 | 97405 | ( ML/EPA 524.2 ) | p-Chlorotoluene               | ND | ug/l | 0.50 | 1 |
| 06/07/99 | 97405 | ( ML/EPA 524.2 ) | 4-Methyl-2-Pentanone (MIBK)   | ND | ug/l | 5.0  | 1 |
| 06/07/99 | 97405 | ( ML/EPA 524.2 ) | Benzene                       | ND | ug/l | 0.50 | 1 |
| 06/07/99 | 97405 | ( ML/EPA 524.2 ) | Bromobenzene                  | ND | ug/l | 0.50 | 1 |
| 06/07/99 | 97405 | ( ML/EPA 524.2 ) | Bromomethane (Methyl Bromide) | ND | ug/l | 0.50 | 1 |
| 06/07/99 | 97405 | ( ML/EPA 524.2 ) | cis-1,2-Dichloroethylene      | ND | ug/l | 0.50 | 1 |
| 06/07/99 | 97405 | ( ML/EPA 524.2 ) | Chlorobenzene                 | ND | ug/l | 0.50 | 1 |
| 06/07/99 | 97405 | ( ML/EPA 524.2 ) | Carbon Tetrachloride          | ND | ug/l | 0.50 | 1 |
| 06/07/99 | 97405 | ( ML/EPA 524.2 ) | cis-1,3-Dichloropropene       | ND | ug/l | 0.50 | 1 |
| 06/07/99 | 97405 | ( ML/EPA 524.2 ) | Bromoform                     | ND | ug/l | 0.50 | 1 |

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**Laboratory  
 Report  
 #54792**

Foster Wheeler Environmental, Inc  
 (continued)

| Prepared | Analyzed | QC Batch# | Method            | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|-------------------|---------------------------------|--------|-------|------|----------|
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Chloroform (Trichloromethane)   | 1.4    | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Bromochloromethane              | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Chloroethane                    | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Chloromethane (Methyl Chloride) | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Chlorodibromomethane            | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Dibromomethane                  | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Bromodichloromethane            | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Dichloromethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Ethyl benzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/E524.2/624 ) | Dichlorodifluoromethane         | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Fluorotrichloromethane-Freon11  | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Hexachlorobutadiene             | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Isopropylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | m-Dichlorobenzene (1,3-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | m,p-Xylenes                     | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Naphthalene                     | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | n-Butylbenzene                  | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | n-Propylbenzene                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | o-Xylene                        | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | o-Dichlorobenzene (1,2-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Tetrachloroethylene (PCE)       | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | p-Isopropyltoluene              | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | sec-Butylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Styrene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | trans-1,2-Dichloroethylene      | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | tert-Butylbenzene               | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Trichloroethylene (TCE)         | 3.2    | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Trichlorotrifluoroethane (Freon | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | trans-1,3-Dichloropropene       | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Toluene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Vinyl chloride (VC)             | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )     | None detected                   | ND     |       |      | 1        |
|          |          |           | ( Surrogate )     | 1,2-Dichloroethane-d4           | 111    | % Rec |      |          |
|          |          |           | ( Surrogate )     | 4-Bromofluorobenzene            | 98     | % Rec |      |          |
|          |          |           | ( Surrogate )     | Toluene-d8                      | 100    | % Rec |      |          |

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**Laboratory  
 Report  
 #54792**

Foster Wheeler Environmental, Inc  
 (continued)

| Prepared                                 | Analyzed | QC Batch# | Method                     | Analyte                                      | Result | Units   | MRL    | Dilution |
|------------------------------------------|----------|-----------|----------------------------|----------------------------------------------|--------|---------|--------|----------|
| <b>MW-992-042 (990602124)</b>            |          |           | <b>Sampled on 06/02/99</b> |                                              |        |         |        |          |
|                                          | 06/11/99 | 97563     | ( ML/SM2320B )             | Alkalinity                                   | 152    | mg/l    | 2.0    | 1        |
|                                          | 06/15/99 |           | ( ML/SM1040 )              | Anion Sum                                    | 4.04   | meq/l   | 0.0010 | 1        |
| 06/10/99                                 | 06/14/99 | 97585     | ( S3113B/E200.9 )          | Arsenic, Total, GF                           | ND     | mg/l    | 0.005  | 1        |
| 06/15/99                                 | 06/15/99 | 97613     | ( ML/EPA 200.7 )           | Calcium, Total, ICAP                         | 41.2   | mg/l    | 1.0    | 1        |
|                                          | 06/16/99 |           | ( ML/SM1040 )              | Cation Sum                                   | 4.26   | meq/l   | 0.0010 | 1        |
|                                          | 06/03/99 | 97098     | ( ML/EPA 300 )             | Chloride                                     | 9.85   | mg/l    | 1.0    | 1        |
|                                          | 06/16/99 | 97644     | ( MOD/EPA 300 )            | Perchlorate                                  | ND     | ug/l    | 4.0    | 1        |
|                                          | 06/15/99 |           | ( ML/SM2320B )             | Carbonate as CO <sub>3</sub> , Calculated    | 0.955  | mg/l    | 0.0010 | 1        |
| 06/10/99                                 | 06/11/99 | 97491     | ( EPA/ML 200.8 )           | Chromium, Total, ICAP/MS                     | ND     | ug/l    | 10     | 1        |
|                                          | 06/03/99 | 97066     | ( ML/SW 7196 )             | Hexavalent chromium (Cr VI)                  | ND     | mg/l    | 0.005  | 1        |
|                                          | 06/04/99 | 97112     | ( ML/S2510B )              | Specific Conductance                         | 405    | umho/cm | 4.0    | 1        |
| 06/10/99                                 | 06/11/99 | 97492     | ( EPA/ML 200.8 )           | Iron, Total, ICAP/MS                         | 460    | ug/l    | 100    | 1        |
|                                          | 06/15/99 |           | ( ML/SM2320B )             | Bicarbonate as HCO <sub>3</sub> , calculated | 185    | mg/l    | 0.0010 | 1        |
| 06/15/99                                 | 06/15/99 | 97616     | ( ML/EPA 200.7 )           | Potassium, Total, ICAP                       | 1.8    | mg/l    | 1.0    | 1        |
| 06/15/99                                 | 06/15/99 | 97620     | ( ML/EPA 200.7 )           | Magnesium, Total, ICAP                       | 16.2   | mg/l    | 0.10   | 1        |
| 06/15/99                                 | 06/15/99 | 97623     | ( ML/EPA 200.7 )           | Sodium, Total, ICAP                          | 18.9   | mg/l    | 1.0    | 1        |
|                                          | 06/03/99 | 97100     | ( ML/EPA 300.0 )           | Nitrate-N by IC                              | 1.05   | mg/l    | 0.10   | 1        |
| 06/10/99                                 | 06/11/99 | 97493     | ( EPA/ML 200.8 )           | Lead, Total, ICAP/MS                         | ND     | ug/l    | 2.0    | 1        |
|                                          | 06/07/99 | 97345     | ( ML/SM 4500HB)            | Lab pH                                       | 7.9    | Units   | 0.0010 | 1        |
|                                          | 06/03/99 | 97101     | ( ML/EPA 300.0 )           | Sulfate                                      | 31.2   | mg/l    | 2.0    | 1        |
|                                          | 06/08/99 | 97442     | ( ML/SM2540C )             | Total Dissolved Solid (TDS)                  | 270    | mg/l    | 10     | 1        |
| <b>1,4-Dioxane</b>                       |          |           |                            |                                              |        |         |        |          |
| 06/08/99                                 | 06/11/99 | 97632     | ( ML/SW 8270 )             | 1,4-Dioxane                                  | ND     | ug/l    | 3.0    | 1        |
|                                          |          |           | ( Surrogate )              | 2-Fluorobiphenyl                             | 81     | % Rec   |        |          |
|                                          |          |           | ( Surrogate )              | Nitrobenzene-d5                              | 80     | % Rec   |        |          |
|                                          |          |           | ( Surrogate )              | Terphenyl-d14                                | 80     | % Rec   |        |          |
| <b>Regulated VOCs plus Lists 1&amp;3</b> |          |           |                            |                                              |        |         |        |          |
|                                          | 06/07/99 | 97405     | ( ML/EPA 524.2 )           | 1,1,1,2-Tetrachloroethane                    | ND     | ug/l    | 0.50   | 1        |
|                                          | 06/07/99 | 97405     | ( ML/EPA 524.2 )           | 1,1,1-Trichloroethane                        | ND     | ug/l    | 0.50   | 1        |
|                                          | 06/07/99 | 97405     | ( ML/EPA 524.2 )           | 1,1,2,2-Tetrachloroethane                    | ND     | ug/l    | 0.50   | 1        |
|                                          | 06/07/99 | 97405     | ( ML/EPA 524.2 )           | 1,1,2-Trichloroethane                        | ND     | ug/l    | 0.50   | 1        |
|                                          | 06/07/99 | 97405     | ( ML/EPA 524.2 )           | 1,1-Dichloroethane                           | ND     | ug/l    | 0.50   | 1        |

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**Laboratory****Report****#54792****Foster Wheeler Environmental, Inc**  
(continued)

| Prepared | Analyzed | QC Batch# | Method            | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|-------------------|---------------------------------|--------|-------|------|----------|
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | 1,1-Dichloroethylene            | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | 1,1-Dichloropropene             | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | 1,2,3-Trichlorobenzene          | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | 1,2,3-Trichloropropane          | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | 1,2,4-Trichlorobenzene          | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | 1,2,4-Trimethylbenzene          | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | 1,2-Dichloroethane              | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | 1,2-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | 1,3,5-Trimethylbenzene          | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | 1,3-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | p-Dichlorobenzene (1,4-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | 2,2-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | 2-Butanone (MEK)                | ND     | ug/l  | 5.0  | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | o-Chlorotoluene                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | p-Chlorotoluene                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | 4-Methyl-2-Pentanone (MIBK)     | ND     | ug/l  | 5.0  | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Benzene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Bromobenzene                    | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Bromomethane (Methyl Bromide)   | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | cis-1,2-Dichloroethylene        | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Chlorobenzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Carbon Tetrachloride            | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | cis-1,3-Dichloropropene         | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Bromoform                       | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Chloroform (Trichloromethane)   | 3.5    | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Bromochloromethane              | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Chloroethane                    | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Chloromethane (Methyl Chloride) | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Chlorodibromomethane            | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Dibromomethane                  | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Bromodichloromethane            | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Dichloromethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Ethyl benzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/E524.2/624 ) | Dichlorodifluoromethane         | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Fluorotrichloromethane-Freon11  | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Hexachlorobutadiene             | ND     | ug/l  | 0.50 | 1        |

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**Laboratory****Report****#54792**Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method           | Analyte                          | Result | Units | MRL  | Dilution |
|----------|----------|-----------|------------------|----------------------------------|--------|-------|------|----------|
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 ) | Isopropylbenzene                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 ) | m-Dichlorobenzene (1,3-DCB)      | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 ) | m,p-Xylenes                      | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 ) | Naphthalene                      | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 ) | n-Butylbenzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 ) | n-Propylbenzene                  | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 ) | o-Xylene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 ) | o-Dichlorobenzene (1,2-DCB)      | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 ) | Tetrachloroethylene (PCE)        | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 ) | p-Isopropyltoluene               | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 ) | sec-Butylbenzene                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 ) | Styrene                          | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 ) | trans-1,2-Dichloroethylene       | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 ) | tert-Butylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 ) | Trichloroethylene (TCE)          | 1.5    | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 ) | Trichlorotrifluoroethane (Freon) | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 ) | trans-1,3-Dichloropropene        | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 ) | Toluene                          | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 ) | Vinyl chloride (VC)              | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )    | None detected                    | ND     |       |      | 1        |
|          |          |           | ( Surrogate )    | 1,2-Dichloroethane-d4            | 104    | % Rec |      |          |
|          |          |           | ( Surrogate )    | 4-Bromofluorobenzene             | 102    | % Rec |      |          |
|          |          |           | ( Surrogate )    | Toluene-d8                       | 100    | % Rec |      |          |

**MW-992-041 (990602125)****Sampled on 06/02/99**

|          |          |       |                   |                              |       |         |        |   |
|----------|----------|-------|-------------------|------------------------------|-------|---------|--------|---|
|          | 06/11/99 | 97563 | ( ML/SM2320B )    | Alkalinity                   | 143   | mg/l    | 2.0    | 1 |
|          | 06/15/99 |       | ( ML/SM1040 )     | Anion Sum                    | 3.69  | meq/l   | 0.0010 | 1 |
| 06/10/99 | 06/14/99 | 97585 | ( S3113B/E200.9 ) | Arsenic, Total, GF           | ND    | mg/l    | 0.005  | 1 |
| 06/15/99 | 06/15/99 | 97613 | ( ML/EPA 200.7 )  | Calcium, Total, ICAP         | 38.2  | mg/l    | 1.0    | 1 |
|          | 06/16/99 |       | ( ML/SM1040 )     | Cation Sum                   | 3.80  | meq/l   | 0.0010 | 1 |
|          | 06/03/99 | 97098 | ( ML/EPA 300 )    | Chloride                     | 7.09  | mg/l    | 1.0    | 1 |
|          | 06/16/99 | 97644 | ( MOD/EPA 300 )   | Perchlorate                  | ND    | ug/l    | 4.0    | 1 |
|          | 06/15/99 |       | ( ML/SM2320B )    | Carbonate as CO3, Calculated | 0.898 | mg/l    | 0.0010 | 1 |
| 06/10/99 | 06/11/99 | 97491 | ( EPA/ML 200.8 )  | Chromium, Total, ICAP/MS     | ND    | ug/l    | 10     | 1 |
|          | 06/03/99 | 97066 | ( ML/SW 7196 )    | Hexavalent chromium (Cr VI)  | ND    | mg/l    | 0.005  | 1 |
|          | 06/04/99 | 97112 | ( ML/S2510B )     | Specific Conductance         | 360   | umho/cm | 4.0    | 1 |

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**Laboratory****Report****#54792**Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method           | Analyte                                      | Result | Units | MRL    | Dilution |
|----------|----------|-----------|------------------|----------------------------------------------|--------|-------|--------|----------|
| 06/10/99 | 06/11/99 | 97492     | ( EPA/ML 200.8 ) | Iron, Total, ICAP/MS                         | 175    | ug/l  | 100    | 1        |
|          | 06/15/99 |           | ( ML/SM2320B )   | Bicarbonate as HCO <sub>3</sub> , calculated | 174    | mg/l  | 0.0010 | 1        |
| 06/15/99 | 06/15/99 | 97616     | ( ML/EPA 200.7 ) | Potassium, Total, ICAP                       | 2.2    | mg/l  | 1.0    | 1        |
| 06/15/99 | 06/15/99 | 97620     | ( ML/EPA 200.7 ) | Magnesium, Total, ICAP                       | 14.3   | mg/l  | 0.10   | 1        |
| 06/15/99 | 06/15/99 | 97623     | ( ML/EPA 200.7 ) | Sodium, Total, ICAP                          | 15.1   | mg/l  | 1.0    | 1        |
|          | 06/03/99 | 97100     | ( ML/EPA 300.0 ) | Nitrate-N by IC                              | 1.07   | mg/l  | 0.10   | 1        |
| 06/10/99 | 06/11/99 | 97493     | ( EPA/ML 200.8 ) | Lead, Total, ICAP/MS                         | ND     | ug/l  | 2.0    | 1        |
|          | 06/07/99 | 97345     | ( ML/SM 4500HB ) | Lab pH                                       | 7.9    | Units | 0.0010 | 1        |
|          | 06/03/99 | 97101     | ( ML/EPA 300.0 ) | Sulfate                                      | 26.8   | mg/l  | 2.0    | 1        |
|          | 06/08/99 | 97442     | ( ML/SM2540C )   | Total Dissolved Solid (TDS)                  | 210    | mg/l  | 10     | 1        |

**Regulated VOCs plus Lists 1&3**

|          |       |                  |                               |    |      |      |   |
|----------|-------|------------------|-------------------------------|----|------|------|---|
| 06/07/99 | 97405 | ( ML/EPA 524.2 ) | 1,1,1,2-Tetrachloroethane     | ND | ug/l | 0.50 | 1 |
| 06/07/99 | 97405 | ( ML/EPA 524.2 ) | 1,1,1-Trichloroethane         | ND | ug/l | 0.50 | 1 |
| 06/07/99 | 97405 | ( ML/EPA 524.2 ) | 1,1,2,2-Tetrachloroethane     | ND | ug/l | 0.50 | 1 |
| 06/07/99 | 97405 | ( ML/EPA 524.2 ) | 1,1,2-Trichloroethane         | ND | ug/l | 0.50 | 1 |
| 06/07/99 | 97405 | ( ML/EPA 524.2 ) | 1,1-Dichloroethane            | ND | ug/l | 0.50 | 1 |
| 06/07/99 | 97405 | ( ML/EPA 524.2 ) | 1,1-Dichloroethylene          | ND | ug/l | 0.50 | 1 |
| 06/07/99 | 97405 | ( ML/EPA 524.2 ) | 1,1-Dichloropropene           | ND | ug/l | 0.50 | 1 |
| 06/07/99 | 97405 | ( ML/EPA 524.2 ) | 1,2,3-Trichlorobenzene        | ND | ug/l | 0.50 | 1 |
| 06/07/99 | 97405 | ( ML/EPA 524.2 ) | 1,2,3-Trichloropropane        | ND | ug/l | 0.50 | 1 |
| 06/07/99 | 97405 | ( ML/EPA 524.2 ) | 1,2,4-Trichlorobenzene        | ND | ug/l | 0.50 | 1 |
| 06/07/99 | 97405 | ( ML/EPA 524.2 ) | 1,2,4-Trimethylbenzene        | ND | ug/l | 0.50 | 1 |
| 06/07/99 | 97405 | ( ML/EPA 524.2 ) | 1,2-Dichloroethane            | ND | ug/l | 0.50 | 1 |
| 06/07/99 | 97405 | ( ML/EPA 524.2 ) | 1,2-Dichloropropane           | ND | ug/l | 0.50 | 1 |
| 06/07/99 | 97405 | ( ML/EPA 524.2 ) | 1,3,5-Trimethylbenzene        | ND | ug/l | 0.50 | 1 |
| 06/07/99 | 97405 | ( ML/EPA 524.2 ) | 1,3-Dichloropropane           | ND | ug/l | 0.50 | 1 |
| 06/07/99 | 97405 | ( ML/EPA 524.2 ) | p-Dichlorobenzene (1,4-DCB)   | ND | ug/l | 0.50 | 1 |
| 06/07/99 | 97405 | ( ML/EPA 524.2 ) | 2,2-Dichloropropane           | ND | ug/l | 0.50 | 1 |
| 06/07/99 | 97405 | ( ML/EPA 524.2 ) | 2-Butanone (MEK)              | ND | ug/l | 5.0  | 1 |
| 06/07/99 | 97405 | ( ML/EPA 524.2 ) | o-Chlorotoluene               | ND | ug/l | 0.50 | 1 |
| 06/07/99 | 97405 | ( ML/EPA 524.2 ) | p-Chlorotoluene               | ND | ug/l | 0.50 | 1 |
| 06/07/99 | 97405 | ( ML/EPA 524.2 ) | 4-Methyl-2-Pentanone (MIBK)   | ND | ug/l | 5.0  | 1 |
| 06/07/99 | 97405 | ( ML/EPA 524.2 ) | Benzene                       | ND | ug/l | 0.50 | 1 |
| 06/07/99 | 97405 | ( ML/EPA 524.2 ) | Bromobenzene                  | ND | ug/l | 0.50 | 1 |
| 06/07/99 | 97405 | ( ML/EPA 524.2 ) | Bromomethane (Methyl Bromide) | ND | ug/l | 0.50 | 1 |

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**Laboratory****Report****#54792****Foster Wheeler Environmental, Inc**  
(continued)

| Prepared | Analyzed | QC Batch# | Method            | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|-------------------|---------------------------------|--------|-------|------|----------|
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | cis-1,2-Dichloroethylene        | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Chlorobenzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Carbon Tetrachloride            | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | cis-1,3-Dichloropropene         | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Bromoform                       | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Chloroform (Trichloromethane)   | 3.2    | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Bromochloromethane              | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Chloroethane                    | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Chloromethane (Methyl Chloride) | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Chlorodibromomethane            | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Dibromomethane                  | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Bromodichloromethane            | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Dichloromethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Ethyl benzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/E524.2/624 ) | Dichlorodifluoromethane         | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Fluorotrichloromethane-Freon11  | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Hexachlorobutadiene             | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Isopropylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | m-Dichlorobenzene (1,3-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | m,p-Xylenes                     | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Naphthalene                     | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | n-Butylbenzene                  | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | n-Propylbenzene                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | o-Xylene                        | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | o-Dichlorobenzene (1,2-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Tetrachloroethylene (PCE)       | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | p-Isopropyltoluene              | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | sec-Butylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Styrene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | trans-1,2-Dichloroethylene      | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | tert-Butylbenzene               | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Trichloroethylene (TCE)         | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Trichlorotrifluoroethane (Freon | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | trans-1,3-Dichloropropene       | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Toluene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Vinyl chloride (VC)             | ND     | ug/l  | 0.30 | 1        |



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**Laboratory  
 Report  
 #54792**

Foster Wheeler Environmental, Inc  
 (continued)

| Prepared                                          | Analyzed | QC Batch# | Method          | Analyte                          | Result | Units   | MRL    | Dilution |
|---------------------------------------------------|----------|-----------|-----------------|----------------------------------|--------|---------|--------|----------|
|                                                   |          |           | ( EPA 524.2     | ) None detected                  | ND     |         |        | 1        |
|                                                   |          |           | ( Surrogate     | ) 1,2-Dichloroethane-d4          | 105    | % Rec   |        |          |
|                                                   |          |           | ( Surrogate     | ) 4-Bromofluorobenzene           | 100    | % Rec   |        |          |
|                                                   |          |           | ( Surrogate     | ) Toluene-d8                     | 98     | % Rec   |        |          |
| <b>MW-992-040 (990602126) Sampled on 06/02/99</b> |          |           |                 |                                  |        |         |        |          |
|                                                   | 06/11/99 | 97563     | ( ML/SM2320B    | ) Alkalinity                     | 159    | mg/l    | 2.0    | 1        |
|                                                   | 06/15/99 |           | ( ML/SM1040     | ) Anion Sum                      | 4.11   | meq/l   | 0.0010 | 1        |
| 06/10/99                                          | 06/14/99 | 97585     | ( S3113B/E200.9 | ) Arsenic, Total, GF             | ND     | mg/l    | 0.005  | 1        |
| 06/15/99                                          | 06/15/99 | 97613     | ( ML/EPA 200.7  | ) Calcium, Total, ICAP           | 45.3   | mg/l    | 1.0    | 1        |
|                                                   | 06/16/99 |           | ( ML/SM1040     | ) Cation Sum                     | 4.22   | meq/l   | 0.0010 | 1        |
|                                                   | 06/03/99 | 97098     | ( ML/EPA 300    | ) Chloride                       | 8.51   | mg/l    | 1.0    | 1        |
|                                                   | 06/16/99 | 97644     | ( MOD/EPA 300   | ) Perchlorate                    | ND     | ug/l    | 4.0    | 1        |
|                                                   | 06/15/99 |           | ( ML/SM2320B    | ) Carbonate as CO3, Calculated   | 0.252  | mg/l    | 0.0010 | 1        |
| 06/10/99                                          | 06/11/99 | 97491     | ( EPA/ML 200.8  | ) Chromium, Total, ICAP/MS       | ND     | ug/l    | 10     | 1        |
|                                                   | 06/03/99 | 97066     | ( ML/SW 7196    | ) Hexavalent chromium (Cr VI)    | ND     | mg/l    | 0.005  | 1        |
|                                                   | 06/04/99 | 97112     | ( ML/S2510B     | ) Specific Conductance           | 405    | umho/cm | 4.0    | 1        |
| 06/10/99                                          | 06/11/99 | 97492     | ( EPA/ML 200.8  | ) Iron, Total, ICAP/MS           | ND     | ug/l    | 100    | 1        |
|                                                   | 06/15/99 |           | ( ML/SM2320B    | ) Bicarbonate as HCO3,calculated | 194    | mg/l    | 0.0010 | 1        |
| 06/15/99                                          | 06/15/99 | 97616     | ( ML/EPA 200.7  | ) Potassium, Total, ICAP         | 2.2    | mg/l    | 1.0    | 1        |
| 06/15/99                                          | 06/15/99 | 97620     | ( ML/EPA 200.7  | ) Magnesium, Total, ICAP         | 15.2   | mg/l    | 0.10   | 1        |
| 06/15/99                                          | 06/15/99 | 97623     | ( ML/EPA 200.7  | ) Sodium, Total, ICAP            | 14.9   | mg/l    | 1.0    | 1        |
|                                                   | 06/03/99 | 97100     | ( ML/EPA 300.0  | ) Nitrate-N by IC                | 0.67   | mg/l    | 0.10   | 1        |
| 06/10/99                                          | 06/11/99 | 97493     | ( EPA/ML 200.8  | ) Lead, Total, ICAP/MS           | ND     | ug/l    | 2.0    | 1        |
|                                                   | 06/07/99 | 97345     | ( ML/SM 4500HB) | Lab pH                           | 7.3    | Units   | 0.0010 | 1        |
|                                                   | 06/03/99 | 97101     | ( ML/EPA 300.0  | ) Sulfate                        | 30.7   | mg/l    | 2.0    | 1        |
|                                                   | 06/08/99 | 97442     | ( ML/SM2540C    | ) Total Dissolved Solid (TDS)    | 240    | mg/l    | 10     | 1        |
| <b>Regulated VOCs plus Lists 1&amp;3</b>          |          |           |                 |                                  |        |         |        |          |
|                                                   | 06/07/99 | 97405     | ( ML/EPA 524.2  | ) 1,1,1,2-Tetrachloroethane      | ND     | ug/l    | 0.50   | 1        |
|                                                   | 06/07/99 | 97405     | ( ML/EPA 524.2  | ) 1,1,1-Trichloroethane          | ND     | ug/l    | 0.50   | 1        |
|                                                   | 06/07/99 | 97405     | ( ML/EPA 524.2  | ) 1,1,2,2-Tetrachloroethane      | ND     | ug/l    | 0.50   | 1        |
|                                                   | 06/07/99 | 97405     | ( ML/EPA 524.2  | ) 1,1,2-Trichloroethane          | ND     | ug/l    | 0.50   | 1        |
|                                                   | 06/07/99 | 97405     | ( ML/EPA 524.2  | ) 1,1-Dichloroethane             | ND     | ug/l    | 0.50   | 1        |
|                                                   | 06/07/99 | 97405     | ( ML/EPA 524.2  | ) 1,1-Dichloroethylene           | ND     | ug/l    | 0.50   | 1        |
|                                                   | 06/07/99 | 97405     | ( ML/EPA 524.2  | ) 1,1-Dichloropropene            | ND     | ug/l    | 0.50   | 1        |

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Laboratory  
Report  
#54792

Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method            | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|-------------------|---------------------------------|--------|-------|------|----------|
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | 1,2,3-Trichlorobenzene          | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | 1,2,3-Trichloropropane          | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | 1,2,4-Trichlorobenzene          | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | 1,2,4-Trimethylbenzene          | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | 1,2-Dichloroethane              | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | 1,2-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | 1,3,5-Trimethylbenzene          | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | 1,3-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | p-Dichlorobenzene (1,4-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | 2,2-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | 2-Butanone (MEK)                | ND     | ug/l  | 5.0  | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | o-Chlorotoluene                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | p-Chlorotoluene                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | 4-Methyl-2-Pentanone (MIBK)     | ND     | ug/l  | 5.0  | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Benzene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Bromobenzene                    | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Bromomethane (Methyl Bromide)   | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | cis-1,2-Dichloroethylene        | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Chlorobenzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Carbon Tetrachloride            | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | cis-1,3-Dichloropropene         | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Bromoform                       | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Chloroform (Trichloromethane)   | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Bromochloromethane              | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Chloroethane                    | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Chloromethane (Methyl Chloride) | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Chlorodibromomethane            | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Dibromomethane                  | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Bromodichloromethane            | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Dichloromethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Ethyl benzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/E524.2/624 ) | Dichlorodifluoromethane         | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Fluorotrichloromethane-Freon11  | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Hexachlorobutadiene             | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | Isopropylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 )  | m-Dichlorobenzene (1,3-DCB)     | ND     | ug/l  | 0.50 | 1        |

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**Laboratory****Report****#54792**Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method           | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|------------------|---------------------------------|--------|-------|------|----------|
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 ) | m,p-Xylenes                     | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 ) | Naphthalene                     | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 ) | n-Butylbenzene                  | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 ) | n-Propylbenzene                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 ) | o-Xylene                        | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 ) | o-Dichlorobenzene (1,2-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 ) | Tetrachloroethylene (PCE)       | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 ) | p-Isopropyltoluene              | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 ) | sec-Butylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 ) | Styrene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 ) | trans-1,2-Dichloroethylene      | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 ) | tert-Butylbenzene               | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 ) | Trichloroethylene (TCE)         | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 ) | Trichlorotrifluoroethane (Freon | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 ) | trans-1,3-Dichloropropene       | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 ) | Toluene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/07/99 | 97405     | ( ML/EPA 524.2 ) | Vinyl chloride (VC)             | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )    | None detected                   | ND     |       |      | 1        |
|          |          |           | ( Surrogate )    | 1,2-Dichloroethane-d4           | 105    | % Rec |      |          |
|          |          |           | ( Surrogate )    | 4-Bromofluorobenzene            | 103    | % Rec |      |          |
|          |          |           | ( Surrogate )    | Toluene-d8                      | 102    | % Rec |      |          |

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Laboratory  
QC Report  
#54792

Foster Wheeler Environmental, Inc

**QC Batch #97066****Hexavalent chromium (Cr VI)**

| QC   | Analyte                     | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|-----------------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample               | Lab # 99 | 0602126   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Hexavalent chromium (Cr VI) | 0.050    | 0.054     | 108.0     | ( 78.00 - 118.00 ) |         |
| LCS2 | Hexavalent chromium (Cr VI) | 0.050    | 0.050     | 100.0     | ( 78.00 - 118.00 ) | 7.7     |
| MBLK | Hexavalent chromium (Cr VI) | ND       |           |           |                    |         |
| MS   | Hexavalent chromium (Cr VI) | 0.050    | 0.044     | 88.0      | ( 80.00 - 120.00 ) |         |
| MSD  | Hexavalent chromium (Cr VI) | 0.050    | 0.044     | 88.0      | ( 80.00 - 120.00 ) | 0.00    |

**QC Batch #97098****Chloride**

| QC   | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|---------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample | Lab # 99 | 0602124   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Chloride      | 25       | 25.9      | 103.6     | ( 90.00 - 110.00 ) |         |
| LCS2 | Chloride      | 25       | 25.5      | 102.0     | ( 90.00 - 110.00 ) | 1.6     |
| MBLK | Chloride      | ND       |           |           |                    |         |
| MS   | Chloride      | 25       | 26.7      | 106.8     | ( 80.00 - 120.00 ) |         |
| MSD  | Chloride      | 25       | 26.7      | 106.8     | ( 80.00 - 120.00 ) | 0.00    |

**QC Batch #97100****Nitrate-N by IC**

| QC   | Analyte         | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|-----------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample   | Lab # 99 | 0602124   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Nitrate-N by IC | 2.5      | 2.61      | 104.4     | ( 90.00 - 110.00 ) |         |
| LCS2 | Nitrate-N by IC | 2.5      | 2.60      | 104.0     | ( 90.00 - 110.00 ) | 0.38    |
| MBLK | Nitrate-N by IC | ND       |           |           |                    |         |
| MS   | Nitrate-N by IC | 2.5      | 2.60      | 104.0     | ( 80.00 - 120.00 ) |         |
| MSD  | Nitrate-N by IC | 2.5      | 2.61      | 104.4     | ( 80.00 - 120.00 ) | 0.38    |

**QC Batch #97101****Sulfate**

| QC   | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|---------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample | Lab # 99 | 0602124   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Sulfate       | 50       | 51.0      | 102.0     | ( 90.00 - 110.00 ) |         |
| LCS2 | Sulfate       | 50       | 50.7      | 101.4     | ( 90.00 - 110.00 ) | 0.59    |

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.  
Criteria for MS and DUP are advisory only and not applicable for ICR monitoring.

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Laboratory  
QC Report  
#54792

Foster Wheeler Environmental, Inc  
(continued)

|      |         |    |      |       |                    |      |
|------|---------|----|------|-------|--------------------|------|
| MBLK | Sulfate | ND |      |       |                    |      |
| MS   | Sulfate | 50 | 53.5 | 107.0 | ( 80.00 - 120.00 ) |      |
| MSD  | Sulfate | 50 | 53.6 | 107.2 | ( 80.00 - 120.00 ) | 0.19 |

**QC Batch #97110****Specific Conductance**

| QC  | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)      | RPD (%) |
|-----|---------------|----------|-----------|-----------|-----------------|---------|
| DUP | Spiked sample | lab # 99 | 0602123   |           | ( 0.00 - 0.00 ) |         |

**QC Batch #97112****Specific Conductance**

| QC  | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)      | RPD (%) |
|-----|---------------|----------|-----------|-----------|-----------------|---------|
| DUP | Spiked sample | Lab # 99 | 0603143   |           | ( 0.00 - 0.00 ) |         |

**QC Batch #97345****Lab pH**

| QC  | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)      | RPD (%) |
|-----|---------------|----------|-----------|-----------|-----------------|---------|
| DUP | Spiked sample | lab # 99 | 0602126   |           | ( 0.00 - 0.00 ) |         |

**QC Batch #97405****Regulated VOCs plus Lists 1&3**

| QC   | Analyte                   | Spiked | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|---------------------------|--------|-----------|-----------|--------------------|---------|
| MBLK | 1,1,1,2-Tetrachloroethane | ND     |           |           |                    |         |
| LCS1 | 1,1,1-Trichloroethane     | 4      | 3.91      | 97.8      | ( 76.00 - 116.00 ) |         |
| MBLK | 1,1,1-Trichloroethane     | ND     |           |           |                    |         |
| LCS1 | 1,1,2,2-Tetrachloroethane | 4      | 4.16      | 104.0     | ( 72.00 - 117.00 ) |         |
| MBLK | 1,1,2,2-Tetrachloroethane | ND     |           |           |                    |         |
| LCS1 | 1,1,2-Trichloroethane     | 4      | 4.08      | 102.0     | ( 71.00 - 116.00 ) |         |
| MBLK | 1,1,2-Trichloroethane     | ND     |           |           |                    |         |
| LCS1 | 1,1-Dichloroethane        | 4      | 3.85      | 96.2      | ( 71.00 - 125.00 ) |         |
| MBLK | 1,1-Dichloroethane        | ND     |           |           |                    |         |
| LCS1 | 1,1-Dichloroethylene      | 4      | 3.99      | 99.8      | ( 70.00 - 130.00 ) |         |
| MBLK | 1,1-Dichloroethylene      | ND     |           |           |                    |         |

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**Laboratory****QC Report****#54792**Foster Wheeler Environmental, Inc  
(continued)

|      |                               |          |         |       |                    |     |
|------|-------------------------------|----------|---------|-------|--------------------|-----|
| MS   | 1,1-Dichloroethylene          | 4        | 3.19    | 79.8  | ( 70.00 - 130.00 ) |     |
| MSD  | 1,1-Dichloroethylene          | 4        | 3.62    | 90.5  | ( 70.00 - 130.00 ) | 13  |
| MBLK | 1,1-Dichloropropene           | ND       |         |       |                    |     |
| MBLK | 1,2,3-Trichlorobenzene        | ND       |         |       |                    |     |
| MBLK | 1,2,3-Trichloropropane        | ND       |         |       |                    |     |
| LCS1 | 1,2,4-Trichlorobenzene        | 4        | 4.27    | 106.7 | ( 76.00 - 114.00 ) |     |
| MBLK | 1,2,4-Trichlorobenzene        | ND       |         |       |                    |     |
| MBLK | 1,2,4-Trimethylbenzene        | ND       |         |       |                    |     |
| LCS1 | 1,2-Dichloroethane            | 4        | 4.05    | 101.2 | ( 75.00 - 120.00 ) |     |
| MBLK | 1,2-Dichloroethane            | ND       |         |       |                    |     |
| LCS1 | 1,2-Dichloropropane           | 4        | 3.98    | 99.5  | ( 77.00 - 122.00 ) |     |
| MBLK | 1,2-Dichloropropane           | ND       |         |       |                    |     |
| MBLK | 1,3,5-Trimethylbenzene        | ND       |         |       |                    |     |
| LCS1 | 1,3-Dichloropropane           | 8        | 8.22    | 102.8 | ( 70.00 - 130.00 ) |     |
| MBLK | 1,3-Dichloropropane           | ND       |         |       |                    |     |
| LCS1 | p-Dichlorobenzene (1,4-DCB)   | 4        | 4.15    | 103.8 | ( 77.00 - 113.00 ) |     |
| MBLK | p-Dichlorobenzene (1,4-DCB)   | ND       |         |       |                    |     |
| MBLK | 2,2-Dichloropropane           | ND       |         |       |                    |     |
| MBLK | 2-Butanone (MEK)              | ND       |         |       |                    |     |
| MBLK | 2-Chloroethylvinylether       | ND       |         |       |                    |     |
| MBLK | o-Chlorotoluene               | ND       |         |       |                    |     |
| MBLK | p-Chlorotoluene               | ND       |         |       |                    |     |
| MBLK | 4-Methyl-2-Pentanone (MIBK)   | ND       |         |       |                    |     |
| MS   | Spiked sample                 | Lab # 99 | 0528140 |       | ( 0.00 - 0.00 )    |     |
| LCS1 | Benzene                       | 4        | 3.93    | 98.2  | ( 76.00 - 122.00 ) |     |
| MBLK | Benzene                       | ND       |         |       |                    |     |
| MS   | Benzene                       | 4        | 3.75    | 93.8  | ( 70.00 - 130.00 ) |     |
| MSD  | Benzene                       | 4        | 3.88    | 97.0  | ( 70.00 - 130.00 ) | 3.4 |
| MBLK | Bromobenzene                  | ND       |         |       |                    |     |
| MBLK | Bromomethane (Methyl Bromide) | ND       |         |       |                    |     |
| LCS1 | cis-1,2-Dichloroethylene      | 4        | 4.01    | 100.2 | ( 70.00 - 130.00 ) |     |
| MBLK | cis-1,2-Dichloroethylene      | ND       |         |       |                    |     |
| LCS1 | Chlorobenzene                 | 4        | 3.88    | 97.0  | ( 70.00 - 130.00 ) |     |
| MBLK | Chlorobenzene                 | ND       |         |       |                    |     |
| MS   | Chlorobenzene                 | 4        | 3.57    | 89.2  | ( 70.00 - 130.00 ) |     |
| MSD  | Chlorobenzene                 | 4        | 3.64    | 91.0  | ( 70.00 - 130.00 ) | 1.9 |
| LCS1 | Carbon Tetrachloride          | 4        | 3.92    | 98.0  | ( 70.00 - 130.00 ) |     |

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Laboratory  
QC Report  
#54792

Foster Wheeler Environmental, Inc  
(continued)

|      |                                 |    |      |       |                    |
|------|---------------------------------|----|------|-------|--------------------|
| MBLK | Carbon Tetrachloride            | ND |      |       |                    |
| MBLK | cis-1,3-Dichloropropene         | ND |      |       |                    |
| LCS1 | Bromoform                       | 4  | 3.57 | 89.2  | ( 70.00 - 130.00 ) |
| MBLK | Bromoform                       | ND |      |       |                    |
| LCS1 | Chloroform (Trichloromethane)   | 4  | 3.89 | 97.2  | ( 70.00 - 130.00 ) |
| MBLK | Chloroform (Trichloromethane)   | ND |      |       |                    |
| MBLK | Bromochloromethane              | ND |      |       |                    |
| MBLK | Chloroethane                    | ND |      |       |                    |
| MBLK | Chloromethane (Methyl Chloride) | ND |      |       |                    |
| LCS1 | Chlorodibromomethane            | 4  | 3.99 | 99.8  | ( 70.00 - 130.00 ) |
| MBLK | Chlorodibromomethane            | ND |      |       |                    |
| MBLK | Dibromomethane                  | ND |      |       |                    |
| LCS1 | Bromodichloromethane            | 4  | 4.03 | 100.8 | ( 70.00 - 130.00 ) |
| MBLK | Bromodichloromethane            | ND |      |       |                    |
| LCS1 | Dichloromethane                 | 4  | 4.00 | 100.0 | ( 70.00 - 130.00 ) |
| MBLK | Dichloromethane                 | ND |      |       |                    |
| LCS1 | Ethyl benzene                   | 4  | 4.04 | 101.0 | ( 70.00 - 130.00 ) |
| MBLK | Ethyl benzene                   | ND |      |       |                    |
| MBLK | Dichlorodifluoromethane         | ND |      |       |                    |
| LCS1 | Fluorotrichloromethane-Freon11  | 2  | 2.19 | 109.5 | ( 70.00 - 130.00 ) |
| MBLK | Fluorotrichloromethane-Freon11  | ND |      |       |                    |
| MBLK | Hexachlorobutadiene             | ND |      |       |                    |
| MBLK | Isopropylbenzene                | ND |      |       |                    |
| MBLK | m-Dichlorobenzene (1,3-DCB)     | ND |      |       |                    |
| LCS1 | m,p-Xylenes                     | 8  | 7.88 | 98.5  | ( 70.00 - 130.00 ) |
| MBLK | m,p-Xylenes                     | ND |      |       |                    |
| MBLK | Naphthalene                     | ND |      |       |                    |
| MBLK | n-Butylbenzene                  | ND |      |       |                    |
| MBLK | n-Propylbenzene                 | ND |      |       |                    |
| LCS1 | o-Xylene                        | 4  | 4.05 | 101.2 | ( 70.00 - 130.00 ) |
| MBLK | o-Xylene                        | ND |      |       |                    |
| LCS1 | o-Dichlorobenzene (1,2-DCB)     | 4  | 4.18 | 104.5 | ( 70.00 - 130.00 ) |
| MBLK | o-Dichlorobenzene (1,2-DCB)     | ND |      |       |                    |
| LCS1 | Tetrachloroethylene (PCE)       | 4  | 4.04 | 101.0 | ( 70.00 - 130.00 ) |
| MBLK | Tetrachloroethylene (PCE)       | ND |      |       |                    |
| MBLK | p-Isopropyltoluene              | ND |      |       |                    |
| MBLK | sec-Butylbenzene                | ND |      |       |                    |

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QC Report  
#54792

Foster Wheeler Environmental, Inc  
(continued)

|      |                                 |     |      |       |                    |      |
|------|---------------------------------|-----|------|-------|--------------------|------|
| LCS1 | Styrene                         | 4   | 4.04 | 101.0 | ( 70.00 - 130.00 ) |      |
| MBLK | Styrene                         | ND  |      |       |                    |      |
| LCS1 | 1,2-dichloroethane-d4           | 100 | 97.7 | 97.7  | ( 80.00 - 120.00 ) |      |
| MBLK | 1,2-dichloroethane-d4           | 100 | 90.3 | 90.3  |                    |      |
| MS   | 1,2-dichloroethane-d4           | 100 | 99.6 | 99.6  | ( 80.00 - 120.00 ) |      |
| MSD  | 1,2-dichloroethane-d4           | 100 | 96.6 | 96.6  | ( 80.00 - 120.00 ) | 3.1  |
| LCS1 | Toluene-d8                      | 100 | 99.5 | 99.5  | ( 80.00 - 120.00 ) |      |
| MBLK | Toluene-d8                      | 100 | 98.3 | 98.3  |                    |      |
| MS   | Toluene-d8                      | 100 | 97.7 | 97.7  | ( 80.00 - 120.00 ) |      |
| MSD  | Toluene-d8                      | 100 | 98.3 | 98.3  | ( 80.00 - 120.00 ) | 0.61 |
| LCS1 | 4-Bromofluorobenzene            | 100 | 102  | 102.0 | ( 80.00 - 120.00 ) |      |
| MBLK | 4-Bromofluorobenzene            | 100 | 118  | 118.0 |                    |      |
| MS   | 4-Bromofluorobenzene            | 100 | 99.8 | 99.8  | ( 80.00 - 120.00 ) |      |
| MSD  | 4-Bromofluorobenzene            | 100 | 100  | 100.0 | ( 80.00 - 120.00 ) | 0.20 |
| LCS1 | trans-1,2-Dichloroethylene      | 4   | 4.08 | 102.0 | ( 70.00 - 130.00 ) |      |
| MBLK | trans-1,2-Dichloroethylene      | ND  |      |       |                    |      |
| MBLK | tert-Butylbenzene               | ND  |      |       |                    |      |
| LCS1 | Trichloroethylene (TCE)         | 4   | 3.81 | 95.2  | ( 70.00 - 130.00 ) |      |
| MBLK | Trichloroethylene (TCE)         | ND  |      |       |                    |      |
| MS   | Trichloroethylene (TCE)         | 4   | 3.58 | 89.5  | ( 70.00 - 130.00 ) |      |
| MSD  | Trichloroethylene (TCE)         | 4   | 3.88 | 97.0  | ( 70.00 - 130.00 ) | 8.0  |
| LCS1 | Trichlorotrifluoroethane (Freon | 2   | 2.41 | 120.5 | ( 70.00 - 130.00 ) |      |
| MBLK | Trichlorotrifluoroethane (Freon | ND  |      |       |                    |      |
| MBLK | trans-1,3-Dichloropropene       | ND  |      |       |                    |      |
| LCS1 | Toluene                         | 4   | 3.90 | 97.5  | ( 70.00 - 130.00 ) |      |
| MBLK | Toluene                         | ND  |      |       |                    |      |
| MS   | Toluene                         | 4   | 3.86 | 96.5  | ( 70.00 - 130.00 ) |      |
| MSD  | Toluene                         | 4   | 3.73 | 93.2  | ( 70.00 - 130.00 ) | 3.4  |
| LCS1 | Vinyl chloride (VC)             | 2   | 2.23 | 111.5 | ( 70.00 - 130.00 ) |      |
| MBLK | Vinyl chloride (VC)             | ND  |      |       |                    |      |

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Laboratory  
 QC Report  
 #54792

Foster Wheeler Environmental, Inc  
 (continued)

**QC Batch #97442****Total Dissolved Solid (TDS)**

| QC   | Analyte                     | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|-----------------------------|----------|-----------|-----------|--------------------|---------|
| DUP  | Spiked sample               | Lab # 99 | 0601241   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Total Dissolved Solid (TDS) | 175      | 174       | 99.4      | ( 85.00 - 115.00 ) |         |
| LCS2 | Total Dissolved Solid (TDS) | 700      | 676       | 96.6      | ( 85.00 - 115.00 ) |         |
| MBLK | Total Dissolved Solid (TDS) | ND       |           |           |                    |         |

**QC Batch #97491****Chromium, Total, ICAP/MS**

| QC   | Analyte                  | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|--------------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample            | Lab # 99 | 0528140   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Chromium, Total, ICAP/MS | 100      | 93        | 93.0      | ( 85.00 - 115.00 ) |         |
| LCS2 | Chromium, Total, ICAP/MS | 100      | 100       | 100.0     | ( 85.00 - 115.00 ) | 7.3     |
| MBLK | Chromium, Total, ICAP/MS | ND       |           |           |                    |         |
| MS   | Chromium, Total, ICAP/MS | 100      | 99        | 99.0      | ( 77.00 - 119.00 ) |         |
| MSD  | Chromium, Total, ICAP/MS | 100      | 99        | 99.0      | ( 77.00 - 119.00 ) | 0.00    |

**QC Batch #97492****Iron, Total, ICAP/MS**

| QC   | Analyte              | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|----------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample        | Lab # 99 | 0528140   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Iron, Total, ICAP/MS | 500      | 480       | 96.0      | ( 85.00 - 115.00 ) |         |
| LCS2 | Iron, Total, ICAP/MS | 500      | 482       | 96.4      | ( 85.00 - 115.00 ) | 0.42    |
| MBLK | Iron, Total, ICAP/MS | ND       |           |           |                    |         |
| MS   | Iron, Total, ICAP/MS | 500      | 492       | 98.4      | ( 70.00 - 130.00 ) |         |
| MSD  | Iron, Total, ICAP/MS | 500      | 495       | 99.0      | ( 70.00 - 130.00 ) | 0.61    |

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Laboratory  
QC Report  
#54792

Foster Wheeler Environmental, Inc  
(continued)

**QC Batch #97493****Lead, Total, ICAP/MS**

| QC   | Analyte              | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|----------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample        | Lab # 99 | 0528140   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Lead, Total, ICAP/MS | 20.0     | 20.4      | 102.0     | ( 87.00 - 108.00 ) |         |
| LCS2 | Lead, Total, ICAP/MS | 20.0     | 20.4      | 102.0     | ( 87.00 - 108.00 ) | 0.00    |
| MBLK | Lead, Total, ICAP/MS | ND       |           |           |                    |         |
| MS   | Lead, Total, ICAP/MS | 20.0     | 21.0      | 105.0     | ( 75.00 - 119.00 ) |         |
| MSD  | Lead, Total, ICAP/MS | 20.0     | 21.4      | 107.0     | ( 75.00 - 119.00 ) | 1.9     |

**QC Batch #97563****Alkalinity**

| QC   | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|---------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample | Lab # 99 | 061236    |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Alkalinity    | 96.2     | 96.8      | 100.6     | ( 96.00 - 107.00 ) |         |
| LCS2 | Alkalinity    | 96.2     | 96.5      | 100.3     | ( 96.00 - 107.00 ) | 0.31    |
| MBLK | Alkalinity    | ND       |           |           |                    |         |
| MS   | Alkalinity    | 96.2     | 91.1      | 94.7      | ( 80.00 - 120.00 ) |         |
| MSD  | Alkalinity    | 96.2     | 91.8      | 95.4      | ( 80.00 - 120.00 ) | 0.77    |

**QC Batch #97585****Arsenic, Total, GF**

| QC   | Analyte            | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|--------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample      | Lab # 99 | 0528140   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Arsenic, Total, GF | 0.020    | 0.0205    | 102.5     | ( 85.00 - 115.00 ) |         |
| LCS2 | Arsenic, Total, GF | 0.020    | 0.0197    | 98.5      | ( 85.00 - 115.00 ) | 4.0     |
| MBLK | Arsenic, Total, GF | ND       |           |           |                    |         |
| MS   | Arsenic, Total, GF | 0.020    | 0.0209    | 104.5     | ( 70.00 - 130.00 ) |         |
| MSD  | Arsenic, Total, GF | 0.020    | 0.0209    | 104.5     | ( 70.00 - 130.00 ) | 0.00    |

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**Laboratory****QC Report****#54792**Foster Wheeler Environmental, Inc  
(continued)**QC Batch #97612****Calcium, Total, ICAP**

| QC   | Analyte              | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|----------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample        | Lab # 99 | 0526107   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Calcium, Total, ICAP | 50       | 52.9      | 105.8     | ( 85.00 - 115.00 ) |         |
| LCS2 | Calcium, Total, ICAP | 50       | 52.9      | 105.8     | ( 85.00 - 115.00 ) | 0.00    |
| MBLK | Calcium, Total, ICAP | ND       |           |           |                    |         |
| MS   | Calcium, Total, ICAP | 50       | 50.5      | 101.0     | ( 70.00 - 130.00 ) |         |
| MSD  | Calcium, Total, ICAP | 50       | 50.4      | 100.8     | ( 70.00 - 130.00 ) | 0.20    |

**QC Batch #97613****Calcium, Total, ICAP**

| QC   | Analyte              | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|----------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample        | Lab # 99 | 0602124   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Calcium, Total, ICAP | 50       | 51.8      | 103.6     | ( 85.00 - 115.00 ) |         |
| LCS2 | Calcium, Total, ICAP | 50       | 52.4      | 104.8     | ( 85.00 - 115.00 ) | 1.2     |
| MBLK | Calcium, Total, ICAP | ND       |           |           |                    |         |
| MS   | Calcium, Total, ICAP | 50       | 50.6      | 101.2     | ( 70.00 - 130.00 ) |         |
| MSD  | Calcium, Total, ICAP | 50       | 49.2      | 98.4      | ( 70.00 - 130.00 ) | 2.8     |

**QC Batch #97614****Potassium, Total, ICAP**

| QC   | Analyte                | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|------------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample          | Lab # 99 | 0526107   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Potassium, Total, ICAP | 20       | 21.4      | 107.0     | ( 80.00 - 110.00 ) |         |
| LCS2 | Potassium, Total, ICAP | 20       | 21.3      | 106.5     | ( 80.00 - 110.00 ) | 0.47    |
| MBLK | Potassium, Total, ICAP | ND       |           |           |                    |         |
| MS   | Potassium, Total, ICAP | 20       | 20.5      | 102.5     | ( 80.00 - 120.00 ) |         |
| MSD  | Potassium, Total, ICAP | 20       | 20.4      | 102.0     | ( 80.00 - 120.00 ) | 0.49    |

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Laboratory  
QC Report  
#54792

Foster Wheeler Environmental, Inc  
(continued)

**QC Batch #97616****Potassium, Total, ICAP**

| QC   | Analyte                | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|------------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample          | Lab # 99 | 0602124   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Potassium, Total, ICAP | 20       | 20.6      | 103.0     | ( 80.00 - 110.00 ) |         |
| LCS2 | Potassium, Total, ICAP | 20       | 21.1      | 105.5     | ( 80.00 - 110.00 ) | 2.4     |
| MBLK | Potassium, Total, ICAP | ND       |           |           |                    |         |
| MS   | Potassium, Total, ICAP | 20       | 20.6      | 103.0     | ( 80.00 - 120.00 ) |         |
| MSD  | Potassium, Total, ICAP | 20       | 20.1      | 100.5     | ( 80.00 - 120.00 ) | 2.5     |

**QC Batch #97619****Magnesium, Total, ICAP**

| QC   | Analyte                | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|------------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample          | Lab # 99 | 0526107   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Magnesium, Total, ICAP | 20       | 21.4      | 107.0     | ( 97.00 - 115.00 ) |         |
| LCS2 | Magnesium, Total, ICAP | 20       | 21.3      | 106.5     | ( 97.00 - 115.00 ) | 0.47    |
| MBLK | Magnesium, Total, ICAP | ND       |           |           |                    |         |
| MS   | Magnesium, Total, ICAP | 20       | 20.4      | 102.0     | ( 74.00 - 130.00 ) |         |
| MSD  | Magnesium, Total, ICAP | 20       | 20.3      | 101.5     | ( 74.00 - 130.00 ) | 0.49    |

**QC Batch #97620****Magnesium, Total, ICAP**

| QC   | Analyte                | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|------------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample          | Lab # 99 | 0602124   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Magnesium, Total, ICAP | 20       | 20.8      | 104.0     | ( 97.00 - 115.00 ) |         |
| LCS2 | Magnesium, Total, ICAP | 20       | 21.1      | 105.5     | ( 97.00 - 115.00 ) | 1.4     |
| MBLK | Magnesium, Total, ICAP | ND       |           |           |                    |         |
| MS   | Magnesium, Total, ICAP | 20       | 20.5      | 102.5     | ( 74.00 - 130.00 ) |         |
| MSD  | Magnesium, Total, ICAP | 20       | 19.9      | 99.5      | ( 74.00 - 130.00 ) | 3.0     |

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Laboratory  
QC Report  
#54792

Foster Wheeler Environmental, Inc  
(continued)

**QC Batch #97621****Sodium, Total, ICAP**

| QC   | Analyte             | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|---------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample       | Lab # 99 | 0526107   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Sodium, Total, ICAP | 50       | 53.7      | 107.4     | ( 94.00 - 112.00 ) |         |
| LCS2 | Sodium, Total, ICAP | 50       | 53.8      | 107.6     | ( 94.00 - 112.00 ) | 0.19    |
| MBLK | Sodium, Total, ICAP | ND       |           |           |                    |         |
| MS   | Sodium, Total, ICAP | 50       | 51.2      | 102.4     | ( 82.00 - 114.00 ) |         |
| MSD  | Sodium, Total, ICAP | 50       | 50.1      | 100.2     | ( 82.00 - 114.00 ) | 2.2     |

**QC Batch #97623****Sodium, Total, ICAP**

| QC   | Analyte             | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|---------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample       | Lab # 99 | 0602124   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Sodium, Total, ICAP | 50       | 52.6      | 105.2     | ( 94.00 - 112.00 ) |         |
| LCS2 | Sodium, Total, ICAP | 50       | 53.2      | 106.4     | ( 94.00 - 112.00 ) | 1.1     |
| MBLK | Sodium, Total, ICAP | ND       |           |           |                    |         |
| MS   | Sodium, Total, ICAP | 50       | 51.7      | 103.4     | ( 82.00 - 114.00 ) |         |
| MSD  | Sodium, Total, ICAP | 50       | 50.3      | 100.6     | ( 82.00 - 114.00 ) | 2.7     |

**QC Batch #97632****1,4-Dioxane**

| QC   | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|---------------|----------|-----------|-----------|--------------------|---------|
| LCS1 | 1,4-Dioxane   | 10       | 9.55      | 95.5      | ( 70.00 - 130.00 ) |         |
| MBLK | 1,4-Dioxane   | ND       |           |           |                    |         |
| MS   | 1,4-Dioxane   | 10       | 11.1      | 111.0     | ( 70.00 - 130.00 ) |         |
| MSD  | 1,4-Dioxane   | 10       | 10.5      | 105.0     | ( 70.00 - 130.00 ) | 5.6     |
| MS   | Spiked sample | Lab # 99 | 0604129   |           | ( 0.00 - 0.00 )    |         |

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.  
Criteria for MS and DUP are advisory only and not applicable for ICR monitoring.

**MONTGOMERY WATSON LABORATORIES**

a Division of Montgomery Watson Americas, Inc.  
555 East Walnut Street  
Pasadena, California 91101  
Tel: 626 568 6400 Fax: 626 568 6324  
1 800 566 LABS (1 800 566 5227)

Laboratory  
QC Report  
#54792

Foster Wheeler Environmental, Inc  
(continued)

---

**QC Batch #97644****Perchlorate**

| QC   | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|---------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample | Lab # 99 | 0528139   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Perchlorate   | 20.0     | 21        | 105.0     | ( 90.00 - 110.00 ) |         |
| LCS2 | Perchlorate   | 20.0     | 20.6      | 103.0     | ( 90.00 - 110.00 ) | 1.9     |
| MBLK | Perchlorate   | ND       |           |           |                    |         |
| MS   | Perchlorate   | 20.0     | 21.1      | 105.5     | ( 75.00 - 125.00 ) |         |
| MSD  | Perchlorate   | 20.0     | 21.7      | 108.5     | ( 75.00 - 125.00 ) | 2.8     |

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.  
Criteria for MS and DUP are advisory only and not applicable for ICR monitoring.



**MONTGOMERY WATSON LABORATORIES**

Quality Environmental Analysis

A division of Montgomery Watson Americas, Inc.  
June 28, 1999

Foster Wheeler Environmental  
611 Anton Blvd, Suite 800  
Costa Mesa, CA 92626

Attention: Mark Cutler

Re: Report # 54848 (MW-992-108, MW-992-107, MW-992-079,  
MW-992-078, MW-992-077, MW-992-076, MW-992-075, -008, -  
009)

Sampled: 6/03/99

Dear Mark,

Enclosed please find data deliverables for the recent JPL project. A  
detailed quality control (QC) summary follows:

**Non-conformance (LCS, MS/MSD, Surrogates, and Holding Times)**

Fluorotrichloromethane (Freon 11): MWL internal control limits  
based on recent control charts are 71-118%. The LCS recovered at  
121%. Method and QAPP limits are 70-130%. The LCS is within  
method control limits. Results are reported without qualification.

**Samples requiring dilution (with increased MRL's):**

MW-992-076 was diluted for Carbon Tetrachloride and Perchlorate.

**Method blanks with compounds detected:**

None

**Comments:**

1,1-Dichloroethylene was detected in MW-992-076  
Carbon Tetrachloride was detected in MW-992-076, -075, -008, -009  
Chloroform was detected in MW-992-107, -076, -075, -008, -009  
Tetrachloroethylene was detected in MW-992-076, -008, -009  
Trichloroethylene was detected in MW-992-076, -075, -008, -009  
Perchlorate was detected in MW-992-076, -075, -008, -009

**TIC's:**

None

**Method Variance:**

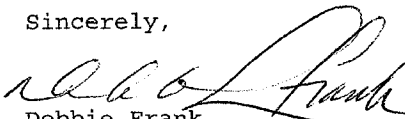
None

**Other Comments:**

A QC check on the ASTM type II water supplied for the equipment  
rinse did not contain Methylene Chloride, but did contain  
detectable levels of Chloroform at 1.3 ug/L. No Methylene Chloride  
or Chloroform was detected in the method blank QC. Chloroform  
concentrations detected in the field samples, up to and including  
the level detected in the rinse water, may be an artifact of the  
rinse water.

ASTM type II water does not have specifications for volatiles.  
Foster Wheeler Environmental Corporation may want to consider the  
use of 'volatile free' water, if the trace chloroform poses  
problems. The Stationary Blank, SB, which was purged at the time of  
preparation, did not contain either compound. Volatile free water,  
would be substantially more expensive, due to the need to purge the  
water and the difficulty of preparing it in large quantities.

Sincerely,

  
Debbie Frank  
Project Manager

cc: Judy Novelly (JPL)

**Laboratory**  
555 East Walnut Street  
Pasadena, California 91101  
Tel: 626 588 6400  
Fax: 626 588 6324

**Southwest Service Center**  
4820 South Mill Avenue - Suite 202  
Tempe, Arizona 85282  
Tel: 602 755 8201  
Fax: 602 755 8203

**Northern California Service Center**  
1340 Treat Boulevard - Suite 300  
Walnut Creek, California 94596  
Tel: 925 274 2322  
Fax: 925 945 1760

**Southern California Service Center**  
30 Corporate Park - Suite 302  
Irvine, California 92606  
Tel: 949 222 1845  
Fax: 949 222 1849

**Montgomery Watson Laboratories**  
, Los Angeles, CA 90051-3508  
PHONE: 626-568-6400/FAX: 626-568-6324

ACKNOWLEDGMENT OF SAMPLES RECEIVED

Foster Wheeler Environmental, Inc  
611 Anton Boulevard  
Suite 800  
Costa Mesa, CA 92626  
Attn: Mark Cutler

Customer Code: ENSERCH  
PO#: Sub PO#007618-0006  
Group#: 54848  
Project#: JPL  
Proj Mgr: Debbie Frank  
Phone: (714) 444-5526

The following samples were received from you on 06/03/99. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using Montgomery Watson Laboratories.

| Sample#   | Sample Id  | Tests Scheduled                                                                                                        | Matrix | Sample Date |
|-----------|------------|------------------------------------------------------------------------------------------------------------------------|--------|-------------|
| 990603157 | MW-992-108 | @EBASVOA                                                                                                               | Water  | 06/03/99    |
| 990603158 | MW-992-107 | @EBASVOA CR-EBAS PB-EBAS AS-EBAS CR-VI CLO4                                                                            | Water  | 06/03/99    |
| 990603159 | MW-992-079 | @EBASVOA CR-VI PB-EBAS CR-EBAS AS-EBAS TDS CATION1 ANION1 PH EC HCO3 CO3 ALK NO3 SO4 CL FE-MS K NA MG CA CLO4          | Water  | 06/03/99    |
| 990603160 | MW-992-078 | @EBASVOA CR-VI PB-EBAS CR-EBAS AS-EBAS TDS CATION1 ANION1 PH EC HCO3 CO3 ALK NO3 SO4 CL FE-MS K NA MG CA CLO4          | Water  | 06/03/99    |
| 990603161 | MW-992-077 | @EBASVOA CLO4 CA MG NA K FE-MS CL SO4 NO3 ALK CO3 HCO3 EC PH ANION1 CATIO TDS AS-EBAS CR-EBAS PB-EBAS CR-VI            | Water  | 06/03/99    |
| 990603162 | MW-992-076 | @EBASVOA CR-VI PB-EBAS CR-EBAS AS-EBAS TDS CATION1 ANION1 PH EC HCO3 CO3 ALK NO3 SO4 CL FE-MS K NA MG CA CLO4          | Water  | 06/03/99    |
| 990603163 | MW-992-075 | @DIOXANE @EBASVOA CR-VI PB-EBAS CR-EBAS AS-EBAS TDS CATION1 ANION1 PH EC HCO3 CO3 ALK NO3 SO4 CL FE-MS K NA MG CA CLO4 | Water  | 06/03/99    |



Foster Wheeler Environmental, Inc  
611 Anton Boulevard  
Suite 800  
Costa Mesa, CA 92626  
Attn: Mark Cutler

Customer Code: ENSERCH  
PO#: Sub PO#007618-0006  
Group#: 54848  
Project#: JPL  
Proj Mgr: Debbie Frank  
Phone: (714) 444-5526

| Sample#   | Sample Id  | Tests Scheduled                           | Matrix | Sample Date |
|-----------|------------|-------------------------------------------|--------|-------------|
| 990603164 | MW-992-008 | Water                                     |        | 06/03/99    |
|           |            | @DIOXANE @EBASVOA CLO4 CA MG              |        |             |
|           |            | NA K FE-MS CL SO4 NO3                     |        |             |
|           |            | ALK CO3 HCO3 EC PH ANION                  |        |             |
|           |            | CATION1 TDS AS-EBAS CR-EBAS PB-EBAS CR-VI |        |             |
| 990603165 | MW-992-009 | Water                                     |        | 06/03/99    |
|           |            | @EBASVOA AS-EBAS CR-EBAS PB-EBAS CR-VI    |        |             |
|           |            | CLO4                                      |        |             |

#### Test Acronym Description

| Test Acronym | Description                     |
|--------------|---------------------------------|
| @DIOXANE     | 1,4-Dioxane                     |
| @EBASVOA     | Regulated VOCs plus Lists 1&3   |
| ALK          | Alkalinity                      |
| ANION1       | Anion Sum                       |
| AS-EBAS      | Arsenic, Total, GF              |
| CA           | Calcium, Total, ICAP            |
| CATION1      | Cation Sum                      |
| CL           | Chloride                        |
| CLO4         | Perchlorate                     |
| CO3          | Carbonate as CO3, Calculated    |
| CR-EBAS      | Chromium, Total, ICAP/MS        |
| CR-VI        | Hexavalent chromium (Cr VI)     |
| EC           | Specific Conductance            |
| FE-MS        | Iron, Total, ICAP/MS            |
| HCO3         | Bicarbonate as HCO3, calculated |
| K            | Potassium, Total, ICAP          |
| MG           | Magnesium, Total, ICAP          |
| NA           | Sodium, Total, ICAP             |
| NO3          | Nitrate-N by IC                 |
| PB-EBAS      | Lead, Total, ICAP/MS            |
| PH           | Lab pH                          |
| SO4          | Sulfate                         |
| TDS          | Total Dissolved Solid (TDS)     |



54848

TEMP. 9-15

NUMBER 1259

B.I. - REG ICE OKAY

## FOSTER WHEELER ENVIRONMENTAL CORPORATION

## CHAIN OF CUSTODY FORM REQUEST FOR ANALYSIS

PAGE

OF

| PROJECT<br>JPL                                            |                | OFS NO.<br>1572.0276 |                      | HAZARD IDENTIFICATION<br>Non Hazard <input checked="" type="checkbox"/> Reactive <input type="checkbox"/><br>Flammable <input type="checkbox"/> Toxic <input type="checkbox"/><br>Skin Irritant <input type="checkbox"/> Infectious <input type="checkbox"/> |                 |      | TIME REQUIRED<br>NORMAL <input checked="" type="checkbox"/> DAYS<br>RUSH <input type="checkbox"/> DAYS |              |             |              |                   |             |
|-----------------------------------------------------------|----------------|----------------------|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------|--------------------------------------------------------------------------------------------------------|--------------|-------------|--------------|-------------------|-------------|
| PROJECT ADDRESS<br>4800 Oak Grove Drive, Redwood City, CA |                |                      |                      | SAMPLER (Name)<br>J. BILKNER                                                                                                                                                                                                                                 |                 |      | SAMPLER (Signature)<br>[Signature]                                                                     |              |             |              |                   |             |
| LABORATORY<br>Montgomery Watson Labs                      |                |                      |                      | ANALYSES REQUIRED                                                                                                                                                                                                                                            |                 |      |                                                                                                        |              |             |              |                   |             |
| REPORTS TO BE SENT TO<br>Mr. Mark Cutler                  |                |                      |                      | <div style="display: flex; justify-content: space-between;"> <div> VOCs (524.2)<br/> MS for VOCs<br/> MSD for VOCs<br/> MS/MSD for metals<br/> QC for Cr6+ </div> <div> MS for VOCs<br/> MSD for VOCs<br/> MS/MSD for metals<br/> QC for Cr6+ </div> </div>  |                 |      |                                                                                                        |              |             |              |                   |             |
| SAMPLE NUMBER                                             | TIME COLLECTED | DATE COLLECTED       | NUMBER OF CONTAINERS | CONTAINER SIZE(S)                                                                                                                                                                                                                                            | SAMPLE MATERIAL |      |                                                                                                        | VOCs (524.2) | MS for VOCs | MSD for VOCs | MS/MSD for metals | QC for Cr6+ |
|                                                           |                |                      |                      |                                                                                                                                                                                                                                                              | WATER           | SOIL | OTHER (Describe)                                                                                       |              |             |              |                   |             |
| MA 992 105                                                | 0845           | 6/3/97               | 2                    | 2 x 40 ml                                                                                                                                                                                                                                                    | X               |      |                                                                                                        | X            |             |              |                   |             |
| MA 992 107                                                | 0900           | {                    | 5                    | 2 x 40 ml, 2 x 25 ml                                                                                                                                                                                                                                         | X               |      |                                                                                                        | X            | X           |              |                   |             |
| MA 992 019                                                | 0915           |                      | 6                    | 2 x 40 ml, 1 x 250 ml, 2 x 125 ml, 1 x 250 ml                                                                                                                                                                                                                | X               |      |                                                                                                        | X            | X           |              |                   |             |
| MA 992 075                                                | 1030           |                      | 6                    |                                                                                                                                                                                                                                                              | X               |      |                                                                                                        | X            | X           |              |                   | X           |
| MA 992 077                                                | 1130           |                      | 6                    |                                                                                                                                                                                                                                                              | X               |      |                                                                                                        | X            | X           |              |                   |             |
| MA 992 076                                                | 1300           |                      | 6                    | 2 x 40 ml, 2 x 25 ml                                                                                                                                                                                                                                         | X               |      |                                                                                                        | X            | X           |              | X                 |             |
| MA 992 076WS                                              | 1300           |                      | 2                    | 2 x 40 ml                                                                                                                                                                                                                                                    | X               |      |                                                                                                        |              |             | X            |                   |             |
| MA 992 076WS                                              | 1300           |                      | 2                    | 2 x 40 ml                                                                                                                                                                                                                                                    | X               |      |                                                                                                        |              |             |              | X                 |             |
| MA 992 075                                                | 1400           |                      | 6                    | 2 x 40 ml, 2 x 25 ml, 1 x 250 ml                                                                                                                                                                                                                             | X               |      |                                                                                                        | X            | X           |              |                   |             |
| MA 992 005                                                | 1550           |                      | 6                    |                                                                                                                                                                                                                                                              | X               |      |                                                                                                        | X            | X           |              |                   |             |
| MA 992 005                                                | 1610           |                      | 5                    | 2 x 40 ml, 2 x 25 ml                                                                                                                                                                                                                                         | X               |      |                                                                                                        | X            | X           |              |                   |             |

LABORATORY INSTRUCTIONS/COMMENTS

Level IV QA/QC

|                                            |                |                                        |                             |      |                         |
|--------------------------------------------|----------------|----------------------------------------|-----------------------------|------|-------------------------|
| RELINQUISHED BY (Signature)<br>[Signature] | DATE<br>6/3/97 | RECEIVED BY (Signature)<br>[Signature] | RELINQUISHED BY (Signature) | DATE | RECEIVED BY (Signature) |
| COMPANY<br>VFW                             | TIME<br>1:35   | COMPANY<br>VFW                         | COMPANY                     | TIME | COMPANY                 |



MONTGOMERY WATSON COOLER RECEIPT FORM

PROJECT: ENSERCH DATE RECEIVED: 6-3-99

Use back of form to note check-in problems and describe action(s) regarding the resolution(s) of problems.

A. PRELIMINARY EXAMINATION

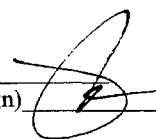
Date Cooler opened: 6-3-99

By (print) MARTIN L. DE MESA (sign) 

1. Did cooler come with shipping slip (air bill, etc.)? Yes No  
If yes, attach and enter carrier and air bill number here: DEL. BY CUEBIT
2. Were custody seals on outside of cooler? Yes No  
If yes, how many and where: 2 OUTSIDE LID  
If yes, enter the following: seal date: 6-3-99 seal name: J. B.
3. Were custody seals unbroken and intact at delivery? Yes No
4. Were custody papers sealed in bag and taped to lid? Yes No
5. Were custody papers filled out properly (ink, etc.)? Yes No
6. Did you sign custody papers in appropriate place? Yes No
7. Was project identifiable from custody papers? Yes No
8. Have designated person(s) initial and acknowledge receipt: MLD date: 6-3-99

B. LOGIN PHASE

Date samples were logged in: 6-2-99

By (print) M. DE MESA (sign) 

9. Describe packing: \_\_\_\_\_
10. If required, was enough ice used? Yes No
11. Were all bottles sealed in separate plastic bags? Yes No
12. Did all bottles arrive unbroken and in good condition? Yes No
13. Were all bottle labels complete (ID, date, sign, preservative)? Yes No
14. Did all bottle labels agree with custody papers? If no, list on back. Yes No
15. Were correct containers used for the analytes? Yes No
16. Were correct preservatives used when required? Yes No
17. Was sufficient amount of sample sent for tests? Yes No
18. Bubbles absent in VOA vials? If no, list by sample ID on back. Yes No
19. Was Client Services informed of problems? Yes No

Report Summary of positive results, PR54848

|          |                                             |            | Result | MDL    | UNITS |
|----------|---------------------------------------------|------------|--------|--------|-------|
| Analyzed | 990603157                                   | MW-992-108 |        |        |       |
| Analyzed | 990603158                                   | MW-992-107 |        |        |       |
| 06/10/99 | Chloroform (Trichloromethane)               |            | 2.9    | .500   | UGL   |
| Analyzed | 990603159                                   | MW-992-079 |        |        |       |
| 06/11/99 | Alkalinity                                  |            | 171    | 2.000  | MGL   |
| 06/15/99 | Anion Sum                                   |            | 4.23   | .001   | MEQL  |
| 06/15/99 | Bicarbonate as HCO <sub>3</sub> ,calculated |            | 208    | .001   | MGL   |
| 06/15/99 | Calcium, Total, ICAP                        |            | 34.5   | 1.000  | MGL   |
| 06/15/99 | Carbonate as CO <sub>3</sub> , Calculated   |            | 1.35   | .001   | MGL   |
| 06/16/99 | Cation Sum                                  |            | 4.27   | .001   | MEQL  |
| 06/04/99 | Chloride                                    |            | 9.55   | 1.000  | MGL   |
| 06/11/99 | Iron, Total, ICAP/MS                        |            | 270    | *****  | UGL   |
| 06/08/99 | Lab pH                                      |            | 8.0    | .001   | UNIT  |
| 06/15/99 | Magnesium, Total, ICAP                      |            | 8.9    | .100   | MGL   |
| 06/04/99 | Nitrate-N by IC                             |            | 1.27   | .100   | MGL   |
| 06/15/99 | Potassium, Total, ICAP                      |            | 1.7    | 1.000  | MGL   |
| 06/15/99 | Sodium, Total, ICAP                         |            | 40.6   | 1.000  | MGL   |
| 06/10/99 | Specific Conductance                        |            | 390    | 4.000  | UMHO  |
| 06/04/99 | Sulfate                                     |            | 21.5   | 2.000  | MGL   |
| 06/10/99 | Total Dissolved Solid (TDS)                 |            | 240    | 10.000 | MGL   |
| Analyzed | 990603160                                   | MW-992-078 |        |        |       |
| 06/11/99 | Alkalinity                                  |            | 144    | 2.000  | MGL   |
| 06/15/99 | Anion Sum                                   |            | 3.58   | .001   | MEQL  |
| 06/15/99 | Bicarbonate as HCO <sub>3</sub> ,calculated |            | 173    | .001   | MGL   |
| 06/15/99 | Calcium, Total, ICAP                        |            | 16.2   | 1.000  | MGL   |
| 06/15/99 | Carbonate as CO <sub>3</sub> , Calculated   |            | 7.09   | .001   | MGL   |
| 06/16/99 | Cation Sum                                  |            | 3.61   | .001   | MEQL  |
| 06/04/99 | Chloride                                    |            | 12.0   | 1.000  | MGL   |
| 06/11/99 | Iron, Total, ICAP/MS                        |            | 1000   | *****  | UGL   |
| 06/08/99 | Lab pH                                      |            | 8.8    | .001   | UNIT  |
| 06/15/99 | Magnesium, Total, ICAP                      |            | 10.0   | .100   | MGL   |
| 06/04/99 | Nitrate-N by IC                             |            | 2.78   | .100   | MGL   |
| 06/15/99 | Potassium, Total, ICAP                      |            | 2.2    | 1.000  | MGL   |
| 06/15/99 | Sodium, Total, ICAP                         |            | 44.1   | 1.000  | MGL   |
| 06/10/99 | Specific Conductance                        |            | 330    | 4.000  | UMHO  |
| 06/04/99 | Sulfate                                     |            | 7.91   | 2.000  | MGL   |
| 06/10/99 | Total Dissolved Solid (TDS)                 |            | 210    | 10.000 | MGL   |
| Analyzed | 990603161                                   | MW-992-077 |        |        |       |
| 06/11/99 | Alkalinity                                  |            | 163    | 2.000  | MGL   |
| 06/15/99 | Anion Sum                                   |            | 4.54   | .001   | MEQL  |
| 06/15/99 | Bicarbonate as HCO <sub>3</sub> ,calculated |            | 198    | .001   | MGL   |
| 06/15/99 | Calcium, Total, ICAP                        |            | 35.7   | 1.000  | MGL   |
| 06/15/99 | Carbonate as CO <sub>3</sub> , Calculated   |            | 1.02   | .001   | MGL   |
| 06/16/99 | Cation Sum                                  |            | 4.56   | .001   | MEQL  |
| 06/04/99 | Chloride                                    |            | 27.2   | 1.000  | MGL   |
| 06/11/99 | Iron, Total, ICAP/MS                        |            | 1300   | *****  | UGL   |
| 06/08/99 | Lab pH                                      |            | 7.9    | .001   | UNIT  |

|          |                             |      |        |      |
|----------|-----------------------------|------|--------|------|
| 06/15/99 | Magnesium, Total, ICAP      | 12.2 | .100   | MGL  |
| 06/04/99 | Nitrate-N by IC             | 2.07 | .100   | MGL  |
| 06/15/99 | Potassium, Total, ICAP      | 2.0  | 1.000  | MGL  |
| 06/15/99 | Sodium, Total, ICAP         | 39.5 | 1.000  | MGL  |
| 06/10/99 | Specific Conductance        | 425  | 4.000  | UMHO |
| 06/04/99 | Sulfate                     | 17.6 | 2.000  | MGL  |
| 06/10/99 | Total Dissolved Solid (TDS) | 250  | 10.000 | MGL  |

Analyzed 990603162 MW-992-076

|          |                                             |      |        |      |
|----------|---------------------------------------------|------|--------|------|
| 06/09/99 | 1,1-Dichloroethylene                        | 1.8  | .500   | UGL  |
| 06/10/99 | Carbon Tetrachloride                        | 33   | 1.000  | UGL  |
| 06/09/99 | Chloroform (Trichloromethane)               | 7.7  | .500   | UGL  |
| 06/09/99 | Tetrachloroethylene (PCE)                   | 1.3  | .500   | UGL  |
| 06/09/99 | Trichloroethylene (TCE)                     | 4.3  | .500   | UGL  |
| 06/11/99 | Alkalinity                                  | 128  | 2.000  | MGL  |
| 06/15/99 | Anion Sum                                   | 3.86 | .001   | MEQL |
| 06/15/99 | Bicarbonate as HCO <sub>3</sub> ,calculated | 155  | .001   | MGL  |
| 06/15/99 | Calcium, Total, ICAP                        | 23.4 | 1.000  | MGL  |
| 06/15/99 | Carbonate as CO <sub>3</sub> , Calculated   | 2.53 | .001   | MGL  |
| 06/16/99 | Cation Sum                                  | 3.83 | .001   | MEQL |
| 06/04/99 | Chloride                                    | 27.2 | 1.000  | MGL  |
| 06/11/99 | Iron, Total, ICAP/MS                        | 860  | *****  | UGL  |
| 06/08/99 | Lab pH                                      | 8.4  | .001   | UNIT |
| 06/15/99 | Magnesium, Total, ICAP                      | 10.1 | .100   | MGL  |
| 06/04/99 | Nitrate-N by IC                             | 3.16 | .100   | MGL  |
| 06/17/99 | Perchlorate                                 | 690  | 80.000 | UGL  |
| 06/15/99 | Potassium, Total, ICAP                      | 2.6  | 1.000  | MGL  |
| 06/15/99 | Sodium, Total, ICAP                         | 40.6 | 1.000  | MGL  |
| 06/10/99 | Specific Conductance                        | 370  | 4.000  | UMHO |
| 06/04/99 | Sulfate                                     | 14.7 | 2.000  | MGL  |
| 06/10/99 | Total Dissolved Solid (TDS)                 | 220  | 10.000 | MGL  |

Analyzed 990603163 MW-992-075

|          |                                             |       |        |      |
|----------|---------------------------------------------|-------|--------|------|
| 06/09/99 | Carbon Tetrachloride                        | 1.0   | .500   | UGL  |
| 06/09/99 | Chloroform (Trichloromethane)               | 0.6   | .500   | UGL  |
| 06/09/99 | Trichloroethylene (TCE)                     | 1.6   | .500   | UGL  |
| 06/11/99 | Alkalinity                                  | 155   | 2.000  | MGL  |
| 06/15/99 | Anion Sum                                   | 4.20  | .001   | MEQL |
| 06/15/99 | Bicarbonate as HCO <sub>3</sub> ,calculated | 189   | .001   | MGL  |
| 06/15/99 | Calcium, Total, ICAP                        | 43.4  | 1.000  | MGL  |
| 06/15/99 | Carbonate as CO <sub>3</sub> , Calculated   | 0.489 | .001   | MGL  |
| 06/16/99 | Cation Sum                                  | 4.20  | .001   | MEQL |
| 06/04/99 | Chloride                                    | 10.4  | 1.000  | MGL  |
| 06/11/99 | Iron, Total, ICAP/MS                        | 670   | *****  | UGL  |
| 06/08/99 | Lab pH                                      | 7.6   | .001   | UNIT |
| 06/15/99 | Magnesium, Total, ICAP                      | 15.3  | .100   | MGL  |
| 06/04/99 | Nitrate-N by IC                             | 1.51  | .100   | MGL  |
| 06/16/99 | Perchlorate                                 | 14    | 4.000  | UGL  |
| 06/15/99 | Potassium, Total, ICAP                      | 2.4   | 1.000  | MGL  |
| 06/15/99 | Sodium, Total, ICAP                         | 16.4  | 1.000  | MGL  |
| 06/10/99 | Specific Conductance                        | 390   | 4.000  | UMHO |
| 06/04/99 | Sulfate                                     | 33.4  | 2.000  | MGL  |
| 06/10/99 | Total Dissolved Solid (TDS)                 | 250   | 10.000 | MGL  |

Analyzed 990603164 MW-992-008

|          |                               |     |      |     |
|----------|-------------------------------|-----|------|-----|
| 06/09/99 | Carbon Tetrachloride          | 2.0 | .500 | UGL |
| 06/09/99 | Chloroform (Trichloromethane) | 3.7 | .500 | UGL |

|          |                                             |       |        |      |
|----------|---------------------------------------------|-------|--------|------|
| 06/09/99 | Tetrachloroethylene (PCE)                   | 0.7   | .500   | UGL  |
| 06/09/99 | Trichloroethylene (TCE)                     | 6.4   | .500   | UGL  |
| 06/11/99 | Alkalinity                                  | 163   | 2.000  | MGL  |
| 06/15/99 | Anion Sum                                   | 7.38  | .001   | MEQL |
| 06/15/99 | Bicarbonate as HCO <sub>3</sub> ,calculated | 199   | .001   | MGL  |
| 06/15/99 | Calcium, Total, ICAP                        | 74.0  | 1.000  | MGL  |
| 06/15/99 | Carbonate as CO <sub>3</sub> , Calculated   | 0.325 | .001   | MGL  |
| 06/16/99 | Cation Sum                                  | 7.11  | .001   | MEQL |
| 06/04/99 | Chloride                                    | 64.1  | 1.000  | MGL  |
| 06/11/99 | Iron, Total, ICAP/MS                        | 710   | *****  | UGL  |
| 06/08/99 | Lab pH                                      | 7.4   | .001   | UNIT |
| 06/15/99 | Magnesium, Total, ICAP                      | 26.0  | .100   | MGL  |
| 06/04/99 | Nitrate-N by IC                             | 7.54  | .100   | MGL  |
| 06/16/99 | Perchlorate                                 | 56    | 4.000  | UGL  |
| 06/15/99 | Potassium, Total, ICAP                      | 2.4   | 1.000  | MGL  |
| 06/15/99 | Sodium, Total, ICAP                         | 27.7  | 1.000  | MGL  |
| 06/10/99 | Specific Conductance                        | 695   | 4.000  | UMHO |
| 06/04/99 | Sulfate                                     | 84.9  | 2.000  | MGL  |
| 06/10/99 | Total Dissolved Solid (TDS)                 | 420   | 10.000 | MGL  |

Analyzed 990603165 MW-992-009

|          |                               |     |       |     |
|----------|-------------------------------|-----|-------|-----|
| 06/09/99 | Carbon Tetrachloride          | 1.5 | .500  | UGL |
| 06/09/99 | Chloroform (Trichloromethane) | 2.9 | .500  | UGL |
| 06/09/99 | Tetrachloroethylene (PCE)     | 0.5 | .500  | UGL |
| 06/09/99 | Trichloroethylene (TCE)       | 4.9 | .500  | UGL |
| 06/16/99 | Perchlorate                   | 55  | 4.000 | UGL |



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**Laboratory Report**

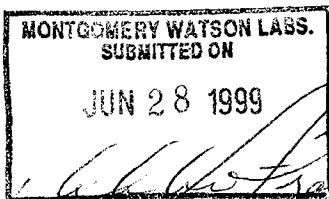
for

Foster Wheeler Environmental, Inc  
611 Anton Boulevard

Suite 800

Costa Mesa , CA 92626

Attention: Mark Cutler  
Fax: (714) 444-5560



DEB\* Debbie Frank

Report#: 54848  
JPL



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**Laboratory****Report****#54848**

Foster Wheeler Environmental, Inc  
Mark Cutler  
611 Anton Boulevard  
Suite 800  
Costa Mesa, CA 92626

Samples Received  
03-jun-1999 17:12:04

| Prepared                      | Analyzed | QC Batch#        | Method                        | Analyte             | Result | Units | MRL | Dilution |
|-------------------------------|----------|------------------|-------------------------------|---------------------|--------|-------|-----|----------|
| MW-992-108 (990603157)        |          |                  |                               | Sampled on 06/03/99 |        |       |     |          |
| Regulated VOCs plus Lists 1&3 |          |                  |                               |                     |        |       |     |          |
| 06/09/99                      | 97475    | ( ML/EPA 524.2 ) | 1,1,1,2-Tetrachloroethane     | ND                  | ug/l   | 0.50  | 1   |          |
| 06/09/99                      | 97475    | ( ML/EPA 524.2 ) | 1,1,1-Trichloroethane         | ND                  | ug/l   | 0.50  | 1   |          |
| 06/09/99                      | 97475    | ( ML/EPA 524.2 ) | 1,1,2,2-Tetrachloroethane     | ND                  | ug/l   | 0.50  | 1   |          |
| 06/09/99                      | 97475    | ( ML/EPA 524.2 ) | 1,1,2-Trichloroethane         | ND                  | ug/l   | 0.50  | 1   |          |
| 06/09/99                      | 97475    | ( ML/EPA 524.2 ) | 1,1-Dichloroethane            | ND                  | ug/l   | 0.50  | 1   |          |
| 06/09/99                      | 97475    | ( ML/EPA 524.2 ) | 1,1-Dichloroethylene          | ND                  | ug/l   | 0.50  | 1   |          |
| 06/09/99                      | 97475    | ( ML/EPA 524.2 ) | 1,1-Dichloropropene           | ND                  | ug/l   | 0.50  | 1   |          |
| 06/09/99                      | 97475    | ( ML/EPA 524.2 ) | 1,2,3-Trichlorobenzene        | ND                  | ug/l   | 0.50  | 1   |          |
| 06/09/99                      | 97475    | ( ML/EPA 524.2 ) | 1,2,3-Trichloropropane        | ND                  | ug/l   | 0.50  | 1   |          |
| 06/09/99                      | 97475    | ( ML/EPA 524.2 ) | 1,2,4-Trichlorobenzene        | ND                  | ug/l   | 0.50  | 1   |          |
| 06/09/99                      | 97475    | ( ML/EPA 524.2 ) | 1,2,4-Trimethylbenzene        | ND                  | ug/l   | 0.50  | 1   |          |
| 06/09/99                      | 97475    | ( ML/EPA 524.2 ) | 1,2-Dichloroethane            | ND                  | ug/l   | 0.50  | 1   |          |
| 06/09/99                      | 97475    | ( ML/EPA 524.2 ) | 1,2-Dichloropropane           | ND                  | ug/l   | 0.50  | 1   |          |
| 06/09/99                      | 97475    | ( ML/EPA 524.2 ) | 1,3,5-Trimethylbenzene        | ND                  | ug/l   | 0.50  | 1   |          |
| 06/09/99                      | 97475    | ( ML/EPA 524.2 ) | 1,3-Dichloropropane           | ND                  | ug/l   | 0.50  | 1   |          |
| 06/09/99                      | 97475    | ( ML/EPA 524.2 ) | p-Dichlorobenzene (1,4-DCB)   | ND                  | ug/l   | 0.50  | 1   |          |
| 06/09/99                      | 97475    | ( ML/EPA 524.2 ) | 2,2-Dichloropropane           | ND                  | ug/l   | 0.50  | 1   |          |
| 06/09/99                      | 97475    | ( ML/EPA 524.2 ) | 2-Butanone (MEK)              | ND                  | ug/l   | 5.0   | 1   |          |
| 06/09/99                      | 97475    | ( ML/EPA 524.2 ) | o-Chlorotoluene               | ND                  | ug/l   | 0.50  | 1   |          |
| 06/09/99                      | 97475    | ( ML/EPA 524.2 ) | p-Chlorotoluene               | ND                  | ug/l   | 0.50  | 1   |          |
| 06/09/99                      | 97475    | ( ML/EPA 524.2 ) | 4-Methyl-2-Pentanone (MIBK)   | ND                  | ug/l   | 5.0   | 1   |          |
| 06/09/99                      | 97475    | ( ML/EPA 524.2 ) | Benzene                       | ND                  | ug/l   | 0.50  | 1   |          |
| 06/09/99                      | 97475    | ( ML/EPA 524.2 ) | Bromobenzene                  | ND                  | ug/l   | 0.50  | 1   |          |
| 06/09/99                      | 97475    | ( ML/EPA 524.2 ) | Bromomethane (Methyl Bromide) | ND                  | ug/l   | 0.50  | 1   |          |
| 06/09/99                      | 97475    | ( ML/EPA 524.2 ) | cis-1,2-Dichloroethylene      | ND                  | ug/l   | 0.50  | 1   |          |
| 06/09/99                      | 97475    | ( ML/EPA 524.2 ) | Chlorobenzene                 | ND                  | ug/l   | 0.50  | 1   |          |
| 06/09/99                      | 97475    | ( ML/EPA 524.2 ) | Carbon Tetrachloride          | ND                  | ug/l   | 0.50  | 1   |          |
| 06/09/99                      | 97475    | ( ML/EPA 524.2 ) | cis-1,3-Dichloropropene       | ND                  | ug/l   | 0.50  | 1   |          |
| 06/09/99                      | 97475    | ( ML/EPA 524.2 ) | Bromoform                     | ND                  | ug/l   | 0.50  | 1   |          |

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**Laboratory  
 Report  
 #54848**

Foster Wheeler Environmental, Inc  
 (continued)

| Prepared | Analyzed | QC Batch# | Method            | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|-------------------|---------------------------------|--------|-------|------|----------|
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Chloroform (Trichloromethane)   | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Bromochloromethane              | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Chloroethane                    | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Chloromethane (Methyl Chloride) | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Chlorodibromomethane            | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Dibromomethane                  | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Bromodichloromethane            | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Dichloromethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Ethyl benzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/E524.2/624 ) | Dichlorodifluoromethane         | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Fluorotrichloromethane-Freon11  | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Hexachlorobutadiene             | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Isopropylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | m-Dichlorobenzene (1,3-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | m,p-Xylenes                     | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Naphthalene                     | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | n-Butylbenzene                  | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | n-Propylbenzene                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | o-Xylene                        | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | o-Dichlorobenzene (1,2-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Tetrachloroethylene (PCE)       | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | p-Isopropyltoluene              | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | sec-Butylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Styrene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | trans-1,2-Dichloroethylene      | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | tert-Butylbenzene               | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Trichloroethylene (TCE)         | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Trichlorotrifluoroethane (Freon | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | trans-1,3-Dichloropropene       | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Toluene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Vinyl chloride (VC)             | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )     | None detected                   | ND     |       |      | 1        |
|          |          |           | ( Surrogate )     | 1,2-Dichloroethane-d4           | 97     | % Rec |      |          |
|          |          |           | ( Surrogate )     | 4-Bromofluorobenzene            | 110    | % Rec |      |          |
|          |          |           | ( Surrogate )     | Toluene-d8                      | 103    | % Rec |      |          |

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**Laboratory  
 Report  
 #54848**

Foster Wheeler Environmental, Inc  
 (continued)

| Prepared                                 | Analyzed | QC Batch#        | Method                        | Analyte                     | Result | Units | MRL   | Dilution |
|------------------------------------------|----------|------------------|-------------------------------|-----------------------------|--------|-------|-------|----------|
| <b>MW-992-107 (990603158)</b>            |          |                  | <b>Sampled on 06/03/99</b>    |                             |        |       |       |          |
| 06/10/99                                 | 06/14/99 | 97585            | ( S3113B/E200.9 )             | Arsenic, Total, GF          | ND     | mg/l  | 0.005 | 1        |
|                                          | 06/16/99 | 97644            | ( MOD/EPA 300 )               | Perchlorate                 | ND     | ug/l  | 4.0   | 1        |
| 06/10/99                                 | 06/11/99 | 97491            | ( EPA/ML 200.8 )              | Chromium, Total, ICAP/MS    | ND     | ug/l  | 10    | 1        |
|                                          | 06/04/99 | 97113            | ( ML/SW 7196 )                | Hexavalent chromium (Cr VI) | ND     | mg/l  | 0.005 | 1        |
| 06/10/99                                 | 06/11/99 | 97493            | ( EPA/ML 200.8 )              | Lead, Total, ICAP/MS        | ND     | ug/l  | 2.0   | 1        |
| <b>Regulated VOCs plus Lists 1&amp;3</b> |          |                  |                               |                             |        |       |       |          |
| 06/10/99                                 | 97624    | ( ML/EPA 524.2 ) | 1,1,1,2-Tetrachloroethane     |                             | ND     | ug/l  | 0.50  | 1        |
| 06/10/99                                 | 97624    | ( ML/EPA 524.2 ) | 1,1,1-Trichloroethane         |                             | ND     | ug/l  | 0.50  | 1        |
| 06/10/99                                 | 97624    | ( ML/EPA 524.2 ) | 1,1,2,2-Tetrachloroethane     |                             | ND     | ug/l  | 0.50  | 1        |
| 06/10/99                                 | 97624    | ( ML/EPA 524.2 ) | 1,1,2-Trichloroethane         |                             | ND     | ug/l  | 0.50  | 1        |
| 06/10/99                                 | 97624    | ( ML/EPA 524.2 ) | 1,1-Dichloroethane            |                             | ND     | ug/l  | 0.50  | 1        |
| 06/10/99                                 | 97624    | ( ML/EPA 524.2 ) | 1,1-Dichloroethylene          |                             | ND     | ug/l  | 0.50  | 1        |
| 06/10/99                                 | 97624    | ( ML/EPA 524.2 ) | 1,1-Dichloropropene           |                             | ND     | ug/l  | 0.50  | 1        |
| 06/10/99                                 | 97624    | ( ML/EPA 524.2 ) | 1,2,3-Trichlorobenzene        |                             | ND     | ug/l  | 0.50  | 1        |
| 06/10/99                                 | 97624    | ( ML/EPA 524.2 ) | 1,2,3-Trichloropropane        |                             | ND     | ug/l  | 0.50  | 1        |
| 06/10/99                                 | 97624    | ( ML/EPA 524.2 ) | 1,2,4-Trichlorobenzene        |                             | ND     | ug/l  | 0.50  | 1        |
| 06/10/99                                 | 97624    | ( ML/EPA 524.2 ) | 1,2,4-Trimethylbenzene        |                             | ND     | ug/l  | 0.50  | 1        |
| 06/10/99                                 | 97624    | ( ML/EPA 524.2 ) | 1,2-Dichloroethane            |                             | ND     | ug/l  | 0.50  | 1        |
| 06/10/99                                 | 97624    | ( ML/EPA 524.2 ) | 1,2-Dichloropropane           |                             | ND     | ug/l  | 0.50  | 1        |
| 06/10/99                                 | 97624    | ( ML/EPA 524.2 ) | 1,3,5-Trimethylbenzene        |                             | ND     | ug/l  | 0.50  | 1        |
| 06/10/99                                 | 97624    | ( ML/EPA 524.2 ) | 1,3-Dichloropropane           |                             | ND     | ug/l  | 0.50  | 1        |
| 06/10/99                                 | 97624    | ( ML/EPA 524.2 ) | p-Dichlorobenzene (1,4-DCB)   |                             | ND     | ug/l  | 0.50  | 1        |
| 06/10/99                                 | 97624    | ( ML/EPA 524.2 ) | 2,2-Dichloropropane           |                             | ND     | ug/l  | 0.50  | 1        |
| 06/10/99                                 | 97624    | ( ML/EPA 524.2 ) | 2-Butanone (MEK)              |                             | ND     | ug/l  | 5.0   | 1        |
| 06/10/99                                 | 97624    | ( ML/EPA 524.2 ) | o-Chlorotoluene               |                             | ND     | ug/l  | 0.50  | 1        |
| 06/10/99                                 | 97624    | ( ML/EPA 524.2 ) | p-Chlorotoluene               |                             | ND     | ug/l  | 0.50  | 1        |
| 06/10/99                                 | 97624    | ( ML/EPA 524.2 ) | 4-Methyl-2-Pentanone (MIBK)   |                             | ND     | ug/l  | 5.0   | 1        |
| 06/10/99                                 | 97624    | ( ML/EPA 524.2 ) | Benzene                       |                             | ND     | ug/l  | 0.50  | 1        |
| 06/10/99                                 | 97624    | ( ML/EPA 524.2 ) | Bromobenzene                  |                             | ND     | ug/l  | 0.50  | 1        |
| 06/10/99                                 | 97624    | ( ML/EPA 524.2 ) | Bromomethane (Methyl Bromide) |                             | ND     | ug/l  | 0.50  | 1        |
| 06/10/99                                 | 97624    | ( ML/EPA 524.2 ) | cis-1,2-Dichloroethylene      |                             | ND     | ug/l  | 0.50  | 1        |
| 06/10/99                                 | 97624    | ( ML/EPA 524.2 ) | Chlorobenzene                 |                             | ND     | ug/l  | 0.50  | 1        |
| 06/10/99                                 | 97624    | ( ML/EPA 524.2 ) | Carbon Tetrachloride          |                             | ND     | ug/l  | 0.50  | 1        |



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**Laboratory  
Report  
#54848**

Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method            | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|-------------------|---------------------------------|--------|-------|------|----------|
|          | 06/10/99 | 97624     | ( ML/EPA 524.2 )  | cis-1,3-Dichloropropene         | ND     | ug/l  | 0.50 | 1        |
|          | 06/10/99 | 97624     | ( ML/EPA 524.2 )  | Bromoform                       | ND     | ug/l  | 0.50 | 1        |
|          | 06/10/99 | 97624     | ( ML/EPA 524.2 )  | Chloroform (Trichloromethane)   | 2.9    | ug/l  | 0.50 | 1        |
|          | 06/10/99 | 97624     | ( ML/EPA 524.2 )  | Bromochloromethane              | ND     | ug/l  | 0.50 | 1        |
|          | 06/10/99 | 97624     | ( ML/EPA 524.2 )  | Chloroethane                    | ND     | ug/l  | 0.50 | 1        |
|          | 06/10/99 | 97624     | ( ML/EPA 524.2 )  | Chloromethane (Methyl Chloride) | ND     | ug/l  | 0.50 | 1        |
|          | 06/10/99 | 97624     | ( ML/EPA 524.2 )  | Chlorodibromomethane            | ND     | ug/l  | 0.50 | 1        |
|          | 06/10/99 | 97624     | ( ML/EPA 524.2 )  | Dibromomethane                  | ND     | ug/l  | 0.50 | 1        |
|          | 06/10/99 | 97624     | ( ML/EPA 524.2 )  | Bromodichloromethane            | ND     | ug/l  | 0.50 | 1        |
|          | 06/10/99 | 97624     | ( ML/EPA 524.2 )  | Dichloromethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/10/99 | 97624     | ( ML/EPA 524.2 )  | Ethyl benzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 06/10/99 | 97624     | ( ML/E524.2/624 ) | Dichlorodifluoromethane         | ND     | ug/l  | 0.50 | 1        |
|          | 06/10/99 | 97624     | ( ML/EPA 524.2 )  | Fluorotrichloromethane-Freon11  | ND     | ug/l  | 0.50 | 1        |
|          | 06/10/99 | 97624     | ( ML/EPA 524.2 )  | Hexachlorobutadiene             | ND     | ug/l  | 0.50 | 1        |
|          | 06/10/99 | 97624     | ( ML/EPA 524.2 )  | Isopropylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 06/10/99 | 97624     | ( ML/EPA 524.2 )  | m-Dichlorobenzene (1,3-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 06/10/99 | 97624     | ( ML/EPA 524.2 )  | m,p-Xylenes                     | ND     | ug/l  | 0.50 | 1        |
|          | 06/10/99 | 97624     | ( ML/EPA 524.2 )  | Naphthalene                     | ND     | ug/l  | 0.50 | 1        |
|          | 06/10/99 | 97624     | ( ML/EPA 524.2 )  | n-Butylbenzene                  | ND     | ug/l  | 0.50 | 1        |
|          | 06/10/99 | 97624     | ( ML/EPA 524.2 )  | n-Propylbenzene                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/10/99 | 97624     | ( ML/EPA 524.2 )  | o-Xylene                        | ND     | ug/l  | 0.50 | 1        |
|          | 06/10/99 | 97624     | ( ML/EPA 524.2 )  | o-Dichlorobenzene (1,2-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 06/10/99 | 97624     | ( ML/EPA 524.2 )  | Tetrachloroethylene (PCE)       | ND     | ug/l  | 0.50 | 1        |
|          | 06/10/99 | 97624     | ( ML/EPA 524.2 )  | p-Isopropyltoluene              | ND     | ug/l  | 0.50 | 1        |
|          | 06/10/99 | 97624     | ( ML/EPA 524.2 )  | sec-Butylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 06/10/99 | 97624     | ( ML/EPA 524.2 )  | Styrene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/10/99 | 97624     | ( ML/EPA 524.2 )  | trans-1,2-Dichloroethylene      | ND     | ug/l  | 0.50 | 1        |
|          | 06/10/99 | 97624     | ( ML/EPA 524.2 )  | tert-Butylbenzene               | ND     | ug/l  | 0.50 | 1        |
|          | 06/10/99 | 97624     | ( ML/EPA 524.2 )  | Trichloroethylene (TCE)         | ND     | ug/l  | 0.50 | 1        |
|          | 06/10/99 | 97624     | ( ML/EPA 524.2 )  | Trichlorotrifluoroethane (Freon | ND     | ug/l  | 0.50 | 1        |
|          | 06/10/99 | 97624     | ( ML/EPA 524.2 )  | trans-1,3-Dichloropropene       | ND     | ug/l  | 0.50 | 1        |
|          | 06/10/99 | 97624     | ( ML/EPA 524.2 )  | Toluene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/10/99 | 97624     | ( ML/EPA 524.2 )  | Vinyl chloride (VC)             | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )     | None detected                   | ND     |       |      | 1        |
|          |          |           | ( Surrogate )     | 1,2-Dichloroethane-d4           | 115    | % Rec |      |          |
|          |          |           | ( Surrogate )     | 4-Bromofluorobenzene            | 96     | % Rec |      |          |

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**Laboratory****Report****#54848**Foster Wheeler Environmental, Inc  
(continued)

| Prepared                      | Analyzed | QC Batch# | Method            | Analyte                                  | Result | Units   | MRL    | Dilution |
|-------------------------------|----------|-----------|-------------------|------------------------------------------|--------|---------|--------|----------|
|                               |          |           | ( Surrogate )     | Toluene-d8                               | 106    | % Rec   |        |          |
| <b>MW-992-079 (990603159)</b> |          |           |                   | <b>Sampled on 06/03/99</b>               |        |         |        |          |
|                               | 06/11/99 | 97564     | ( ML/SM2320B )    | Alkalinity                               | 171    | mg/l    | 2.0    | 1        |
|                               | 06/15/99 |           | ( ML/SM1040 )     | Anion Sum                                | 4.23   | meq/l   | 0.0010 | 1        |
| 06/10/99                      | 06/14/99 | 97585     | ( S3113B/E200.9 ) | Arsenic, Total, GF                       | ND     | mg/l    | 0.005  | 1        |
| 06/15/99                      | 06/15/99 | 97613     | ( ML/EPA 200.7 )  | Calcium, Total, ICAP                     | 34.5   | mg/l    | 1.0    | 1        |
|                               | 06/16/99 |           | ( ML/SM1040 )     | Cation Sum                               | 4.27   | meq/l   | 0.0010 | 1        |
|                               | 06/04/99 | 97294     | ( ML/EPA 300 )    | Chloride                                 | 9.55   | mg/l    | 1.0    | 1        |
|                               | 06/16/99 | 97644     | ( MOD/EPA 300 )   | Perchlorate                              | ND     | ug/l    | 4.0    | 1        |
|                               | 06/15/99 |           | ( ML/SM2320B )    | Carbonate as CO3, Calculated             | 1.35   | mg/l    | 0.0010 | 1        |
| 06/10/99                      | 06/11/99 | 97491     | ( EPA/ML 200.8 )  | Chromium, Total, ICAP/MS                 | ND     | ug/l    | 10     | 1        |
|                               | 06/04/99 | 97113     | ( ML/SW 7196 )    | Hexavalent chromium (Cr VI)              | ND     | mg/l    | 0.005  | 1        |
|                               | 06/10/99 | 97422     | ( ML/S2510B )     | Specific Conductance                     | 390    | umho/cm | 4.0    | 1        |
| 06/10/99                      | 06/11/99 | 97492     | ( EPA/ML 200.8 )  | Iron, Total, ICAP/MS                     | 270    | ug/l    | 100    | 1        |
|                               | 06/15/99 |           | ( ML/SM2320B )    | Bicarbonate as HCO3,calculated           | 208    | mg/l    | 0.0010 | 1        |
| 06/15/99                      | 06/15/99 | 97616     | ( ML/EPA 200.7 )  | Potassium, Total, ICAP                   | 1.7    | mg/l    | 1.0    | 1        |
| 06/15/99                      | 06/15/99 | 97620     | ( ML/EPA 200.7 )  | Magnesium, Total, ICAP                   | 8.9    | mg/l    | 0.10   | 1        |
| 06/15/99                      | 06/15/99 | 97623     | ( ML/EPA 200.7 )  | Sodium, Total, ICAP                      | 40.6   | mg/l    | 1.0    | 1        |
|                               | 06/04/99 | 97299     | ( ML/EPA 300.0 )  | Nitrate-N by IC                          | 1.27   | mg/l    | 0.10   | 1        |
| 06/10/99                      | 06/11/99 | 97493     | ( EPA/ML 200.8 )  | Lead, Total, ICAP/MS                     | ND     | ug/l    | 2.0    | 1        |
|                               | 06/08/99 | 97349     | ( ML/SM 4500HB)   | Lab pH                                   | 8.0    | Units   | 0.0010 | 1        |
|                               | 06/04/99 | 97300     | ( ML/EPA 300.0 )  | Sulfate                                  | 21.5   | mg/l    | 2.0    | 1        |
|                               | 06/10/99 | 97589     | ( ML/SM2540C )    | Total Dissolved Solid (TDS)              | 240    | mg/l    | 10     | 1        |
|                               |          |           |                   | <b>Regulated VOCs plus Lists 1&amp;3</b> |        |         |        |          |
|                               | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | 1,1,1,2-Tetrachloroethane                | ND     | ug/l    | 0.50   | 1        |
|                               | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | 1,1,1-Trichloroethane                    | ND     | ug/l    | 0.50   | 1        |
|                               | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | 1,1,2,2-Tetrachloroethane                | ND     | ug/l    | 0.50   | 1        |
|                               | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | 1,1,2-Trichloroethane                    | ND     | ug/l    | 0.50   | 1        |
|                               | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | 1,1-Dichloroethane                       | ND     | ug/l    | 0.50   | 1        |
|                               | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | 1,1-Dichloroethylene                     | ND     | ug/l    | 0.50   | 1        |
|                               | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | 1,1-Dichloropropene                      | ND     | ug/l    | 0.50   | 1        |
|                               | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | 1,2,3-Trichlorobenzene                   | ND     | ug/l    | 0.50   | 1        |
|                               | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | 1,2,3-Trichloropropane                   | ND     | ug/l    | 0.50   | 1        |
|                               | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | 1,2,4-Trichlorobenzene                   | ND     | ug/l    | 0.50   | 1        |

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**Laboratory  
Report  
#54848**

Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method            | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|-------------------|---------------------------------|--------|-------|------|----------|
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | 1,2,4-Trimethylbenzene          | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | 1,2-Dichloroethane              | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | 1,2-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | 1,3,5-Trimethylbenzene          | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | 1,3-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | p-Dichlorobenzene (1,4-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | 2,2-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | 2-Butanone (MEK)                | ND     | ug/l  | 5.0  | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | o-Chlorotoluene                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | p-Chlorotoluene                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | 4-Methyl-2-Pentanone (MIBK)     | ND     | ug/l  | 5.0  | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Benzene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Bromobenzene                    | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Bromomethane (Methyl Bromide)   | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | cis-1,2-Dichloroethylene        | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Chlorobenzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Carbon Tetrachloride            | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | cis-1,3-Dichloropropene         | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Bromoform                       | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Chloroform (Trichloromethane)   | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Bromochloromethane              | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Chloroethane                    | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Chloromethane (Methyl Chloride) | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Chlorodibromomethane            | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Dibromomethane                  | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Bromodichloromethane            | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Dichloromethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Ethyl benzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/E524.2/624 ) | Dichlorodifluoromethane         | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Fluorotrichloromethane-Freon11  | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Hexachlorobutadiene             | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Isopropylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | m-Dichlorobenzene (1,3-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | m,p-Xylenes                     | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Naphthalene                     | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | n-Butylbenzene                  | ND     | ug/l  | 0.50 | 1        |

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**Laboratory****Report****#54848**Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method           | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|------------------|---------------------------------|--------|-------|------|----------|
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | n-Propylbenzene                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | o-Xylene                        | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | o-Dichlorobenzene (1,2-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | Tetrachloroethylene (PCE)       | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | p-Isopropyltoluene              | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | sec-Butylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | Styrene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | trans-1,2-Dichloroethylene      | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | tert-Butylbenzene               | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | Trichloroethylene (TCE)         | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | Trichlorotrifluoroethane (Freon | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | trans-1,3-Dichloropropene       | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | Toluene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | Vinyl chloride (VC)             | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )    | None detected                   | ND     |       |      | 1        |
|          |          |           | ( Surrogate )    | 1,2-Dichloroethane-d4           | 109    | % Rec |      |          |
|          |          |           | ( Surrogate )    | 4-Bromofluorobenzene            | 100    | % Rec |      |          |
|          |          |           | ( Surrogate )    | Toluene-d8                      | 100    | % Rec |      |          |

**MW-992-078 (990603160)****Sampled on 06/03/99**

|          |          |       |                   |                                |      |         |        |   |
|----------|----------|-------|-------------------|--------------------------------|------|---------|--------|---|
|          | 06/11/99 | 97564 | ( ML/SM2320B )    | Alkalinity                     | 144  | mg/l    | 2.0    | 1 |
|          | 06/15/99 |       | ( ML/SM1040 )     | Anion Sum                      | 3.58 | meq/l   | 0.0010 | 1 |
| 06/10/99 | 06/14/99 | 97585 | ( S3113B/E200.9 ) | Arsenic, Total, GF             | ND   | mg/l    | 0.005  | 1 |
| 06/15/99 | 06/15/99 | 97613 | ( ML/EPA 200.7 )  | Calcium, Total, ICAP           | 16.2 | mg/l    | 1.0    | 1 |
|          | 06/16/99 |       | ( ML/SM1040 )     | Cation Sum                     | 3.61 | meq/l   | 0.0010 | 1 |
|          | 06/04/99 | 97294 | ( ML/EPA 300 )    | Chloride                       | 12.0 | mg/l    | 1.0    | 1 |
|          | 06/16/99 | 97644 | ( MOD/EPA 300 )   | Perchlorate                    | ND   | ug/l    | 4.0    | 1 |
|          | 06/15/99 |       | ( ML/SM2320B )    | Carbonate as CO3, Calculated   | 7.09 | mg/l    | 0.0010 | 1 |
| 06/10/99 | 06/11/99 | 97491 | ( EPA/ML 200.8 )  | Chromium, Total, ICAP/MS       | ND   | ug/l    | 10     | 1 |
|          | 06/04/99 | 97113 | ( ML/SW 7196 )    | Hexavalent chromium (Cr VI)    | ND   | mg/l    | 0.005  | 1 |
|          | 06/10/99 | 97422 | ( ML/S2510B )     | Specific Conductance           | 330  | umho/cm | 4.0    | 1 |
| 06/10/99 | 06/11/99 | 97492 | ( EPA/ML 200.8 )  | Iron, Total, ICAP/MS           | 1000 | ug/l    | 100    | 1 |
|          | 06/15/99 |       | ( ML/SM2320B )    | Bicarbonate as HCO3,calculated | 173  | mg/l    | 0.0010 | 1 |
| 06/15/99 | 06/15/99 | 97616 | ( ML/EPA 200.7 )  | Potassium, Total, ICAP         | 2.2  | mg/l    | 1.0    | 1 |
| 06/15/99 | 06/15/99 | 97620 | ( ML/EPA 200.7 )  | Magnesium, Total, ICAP         | 10.0 | mg/l    | 0.10   | 1 |
| 06/15/99 | 06/15/99 | 97623 | ( ML/EPA 200.7 )  | Sodium, Total, ICAP            | 44.1 | mg/l    | 1.0    | 1 |

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Laboratory  
Report  
#54848

Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method           | Analyte                     | Result | Units | MRL    | Dilution |
|----------|----------|-----------|------------------|-----------------------------|--------|-------|--------|----------|
|          | 06/04/99 | 97299     | ( ML/EPA 300.0 ) | Nitrate-N by IC             | 2.78   | mg/l  | 0.10   | 1        |
| 06/10/99 | 06/11/99 | 97493     | ( EPA/ML 200.8 ) | Lead, Total, ICAP/MS        | ND     | ug/l  | 2.0    | 1        |
|          | 06/08/99 | 97349     | ( ML/SM 4500HB)  | Lab pH                      | 8.8    | Units | 0.0010 | 1        |
|          | 06/04/99 | 97300     | ( ML/EPA 300.0 ) | Sulfate                     | 7.91   | mg/l  | 2.0    | 1        |
|          | 06/10/99 | 97589     | ( ML/SM2540C )   | Total Dissolved Solid (TDS) | 210    | mg/l  | 10     | 1        |

**Regulated VOCs plus Lists 1&3**

|  |          |       |                  |                               |    |      |      |   |
|--|----------|-------|------------------|-------------------------------|----|------|------|---|
|  | 06/09/99 | 97475 | ( ML/EPA 524.2 ) | 1,1,1,2-Tetrachloroethane     | ND | ug/l | 0.50 | 1 |
|  | 06/09/99 | 97475 | ( ML/EPA 524.2 ) | 1,1,1-Trichloroethane         | ND | ug/l | 0.50 | 1 |
|  | 06/09/99 | 97475 | ( ML/EPA 524.2 ) | 1,1,2,2-Tetrachloroethane     | ND | ug/l | 0.50 | 1 |
|  | 06/09/99 | 97475 | ( ML/EPA 524.2 ) | 1,1,2-Trichloroethane         | ND | ug/l | 0.50 | 1 |
|  | 06/09/99 | 97475 | ( ML/EPA 524.2 ) | 1,1-Dichloroethane            | ND | ug/l | 0.50 | 1 |
|  | 06/09/99 | 97475 | ( ML/EPA 524.2 ) | 1,1-Dichloroethylene          | ND | ug/l | 0.50 | 1 |
|  | 06/09/99 | 97475 | ( ML/EPA 524.2 ) | 1,1-Dichloropropene           | ND | ug/l | 0.50 | 1 |
|  | 06/09/99 | 97475 | ( ML/EPA 524.2 ) | 1,2,3-Trichlorobenzene        | ND | ug/l | 0.50 | 1 |
|  | 06/09/99 | 97475 | ( ML/EPA 524.2 ) | 1,2,3-Trichloropropane        | ND | ug/l | 0.50 | 1 |
|  | 06/09/99 | 97475 | ( ML/EPA 524.2 ) | 1,2,4-Trichlorobenzene        | ND | ug/l | 0.50 | 1 |
|  | 06/09/99 | 97475 | ( ML/EPA 524.2 ) | 1,2,4-Trimethylbenzene        | ND | ug/l | 0.50 | 1 |
|  | 06/09/99 | 97475 | ( ML/EPA 524.2 ) | 1,2-Dichloroethane            | ND | ug/l | 0.50 | 1 |
|  | 06/09/99 | 97475 | ( ML/EPA 524.2 ) | 1,2-Dichloropropane           | ND | ug/l | 0.50 | 1 |
|  | 06/09/99 | 97475 | ( ML/EPA 524.2 ) | 1,3,5-Trimethylbenzene        | ND | ug/l | 0.50 | 1 |
|  | 06/09/99 | 97475 | ( ML/EPA 524.2 ) | 1,3-Dichloropropane           | ND | ug/l | 0.50 | 1 |
|  | 06/09/99 | 97475 | ( ML/EPA 524.2 ) | p-Dichlorobenzene (1,4-DCB)   | ND | ug/l | 0.50 | 1 |
|  | 06/09/99 | 97475 | ( ML/EPA 524.2 ) | 2,2-Dichloropropane           | ND | ug/l | 0.50 | 1 |
|  | 06/09/99 | 97475 | ( ML/EPA 524.2 ) | 2-Butanone (MEK)              | ND | ug/l | 5.0  | 1 |
|  | 06/09/99 | 97475 | ( ML/EPA 524.2 ) | o-Chlorotoluene               | ND | ug/l | 0.50 | 1 |
|  | 06/09/99 | 97475 | ( ML/EPA 524.2 ) | p-Chlorotoluene               | ND | ug/l | 0.50 | 1 |
|  | 06/09/99 | 97475 | ( ML/EPA 524.2 ) | 4-Methyl-2-Pentanone (MIBK)   | ND | ug/l | 5.0  | 1 |
|  | 06/09/99 | 97475 | ( ML/EPA 524.2 ) | Benzene                       | ND | ug/l | 0.50 | 1 |
|  | 06/09/99 | 97475 | ( ML/EPA 524.2 ) | Bromobenzene                  | ND | ug/l | 0.50 | 1 |
|  | 06/09/99 | 97475 | ( ML/EPA 524.2 ) | Bromomethane (Methyl Bromide) | ND | ug/l | 0.50 | 1 |
|  | 06/09/99 | 97475 | ( ML/EPA 524.2 ) | cis-1,2-Dichloroethylene      | ND | ug/l | 0.50 | 1 |
|  | 06/09/99 | 97475 | ( ML/EPA 524.2 ) | Chlorobenzene                 | ND | ug/l | 0.50 | 1 |
|  | 06/09/99 | 97475 | ( ML/EPA 524.2 ) | Carbon Tetrachloride          | ND | ug/l | 0.50 | 1 |
|  | 06/09/99 | 97475 | ( ML/EPA 524.2 ) | cis-1,3-Dichloropropene       | ND | ug/l | 0.50 | 1 |
|  | 06/09/99 | 97475 | ( ML/EPA 524.2 ) | Bromoform                     | ND | ug/l | 0.50 | 1 |



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**Laboratory  
 Report  
 #54848**

Foster Wheeler Environmental, Inc  
 (continued)

| Prepared | Analyzed | QC Batch# | Method                 | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|------------------------|---------------------------------|--------|-------|------|----------|
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )       | Chloroform (Trichloromethane)   | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )       | Bromochloromethane              | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )       | Chloroethane                    | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )       | Chloromethane (Methyl Chloride) | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )       | Chlorodibromomethane            | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )       | Dibromomethane                  | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )       | Bromodichloromethane            | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )       | Dichloromethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )       | Ethyl benzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 / 624 ) | Dichlorodifluoromethane         | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )       | Fluorotrichloromethane-Freon11  | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )       | Hexachlorobutadiene             | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )       | Isopropylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )       | m-Dichlorobenzene (1,3-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )       | m,p-Xylenes                     | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )       | Naphthalene                     | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )       | n-Butylbenzene                  | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )       | n-Propylbenzene                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )       | o-Xylene                        | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )       | o-Dichlorobenzene (1,2-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )       | Tetrachloroethylene (PCE)       | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )       | p-Isopropyltoluene              | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )       | sec-Butylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )       | Styrene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )       | trans-1,2-Dichloroethylene      | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )       | tert-Butylbenzene               | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )       | Trichloroethylene (TCE)         | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )       | Trichlorotrifluoroethane (Freon | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )       | trans-1,3-Dichloropropene       | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )       | Toluene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )       | Vinyl chloride (VC)             | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )          | None detected                   | ND     |       |      | 1        |
|          |          |           | ( Surrogate )          | 1,2-Dichloroethane-d4           | 105    | % Rec |      |          |
|          |          |           | ( Surrogate )          | 4-Bromofluorobenzene            | 103    | % Rec |      |          |
|          |          |           | ( Surrogate )          | Toluene-d8                      | 98     | % Rec |      |          |

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**Laboratory  
 Report  
 #54848**

Foster Wheeler Environmental, Inc  
 (continued)

| Prepared                                 | Analyzed | QC Batch# | Method            | Analyte                                      | Result                     | Units   | MRL    | Dilution |
|------------------------------------------|----------|-----------|-------------------|----------------------------------------------|----------------------------|---------|--------|----------|
| <b>MW-992-077 (990603161)</b>            |          |           |                   |                                              | <b>Sampled on 06/03/99</b> |         |        |          |
|                                          | 06/11/99 | 97564     | ( ML/SM2320B )    | Alkalinity                                   | 163                        | mg/l    | 2.0    | 1        |
|                                          | 06/15/99 |           | ( ML/SM1040 )     | Anion Sum                                    | 4.54                       | meq/l   | 0.0010 | 1        |
| 06/10/99                                 | 06/14/99 | 97585     | ( S3113B/E200.9 ) | Arsenic, Total, GF                           | ND                         | mg/l    | 0.005  | 1        |
| 06/15/99                                 | 06/15/99 | 97613     | ( ML/EPA 200.7 )  | Calcium, Total, ICAP                         | 35.7                       | mg/l    | 1.0    | 1        |
|                                          | 06/16/99 |           | ( ML/SM1040 )     | Cation Sum                                   | 4.56                       | meq/l   | 0.0010 | 1        |
|                                          | 06/04/99 | 97294     | ( ML/EPA 300 )    | Chloride                                     | 27.2                       | mg/l    | 1.0    | 1        |
|                                          | 06/16/99 | 97644     | ( MOD/EPA 300 )   | Perchlorate                                  | ND                         | ug/l    | 4.0    | 1        |
|                                          | 06/15/99 |           | ( ML/SM2320B )    | Carbonate as CO <sub>3</sub> , Calculated    | 1.02                       | mg/l    | 0.0010 | 1        |
| 06/10/99                                 | 06/11/99 | 97491     | ( EPA/ML 200.8 )  | Chromium, Total, ICAP/MS                     | ND                         | ug/l    | 10     | 1        |
|                                          | 06/04/99 | 97113     | ( ML/SW 7196 )    | Hexavalent chromium (Cr VI)                  | ND                         | mg/l    | 0.005  | 1        |
|                                          | 06/10/99 | 97422     | ( ML/S2510B )     | Specific Conductance                         | 425                        | umho/cm | 4.0    | 1        |
| 06/10/99                                 | 06/11/99 | 97492     | ( EPA/ML 200.8 )  | Iron, Total, ICAP/MS                         | 1300                       | ug/l    | 100    | 1        |
|                                          | 06/15/99 |           | ( ML/SM2320B )    | Bicarbonate as HCO <sub>3</sub> , calculated | 198                        | mg/l    | 0.0010 | 1        |
| 06/15/99                                 | 06/15/99 | 97616     | ( ML/EPA 200.7 )  | Potassium, Total, ICAP                       | 2.0                        | mg/l    | 1.0    | 1        |
| 06/15/99                                 | 06/15/99 | 97620     | ( ML/EPA 200.7 )  | Magnesium, Total, ICAP                       | 12.2                       | mg/l    | 0.10   | 1        |
| 06/15/99                                 | 06/15/99 | 97623     | ( ML/EPA 200.7 )  | Sodium, Total, ICAP                          | 39.5                       | mg/l    | 1.0    | 1        |
|                                          | 06/04/99 | 97299     | ( ML/EPA 300.0 )  | Nitrate-N by IC                              | 2.07                       | mg/l    | 0.10   | 1        |
| 06/10/99                                 | 06/11/99 | 97493     | ( EPA/ML 200.8 )  | Lead, Total, ICAP/MS                         | ND                         | ug/l    | 2.0    | 1        |
|                                          | 06/08/99 | 97349     | ( ML/SM 4500HB )  | Lab pH                                       | 7.9                        | Units   | 0.0010 | 1        |
|                                          | 06/04/99 | 97300     | ( ML/EPA 300.0 )  | Sulfate                                      | 17.6                       | mg/l    | 2.0    | 1        |
|                                          | 06/10/99 | 97591     | ( ML/SM2540C )    | Total Dissolved Solid (TDS)                  | 250                        | mg/l    | 10     | 1        |
| <b>Regulated VOCs plus Lists 1&amp;3</b> |          |           |                   |                                              |                            |         |        |          |
|                                          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | 1,1,1,2-Tetrachloroethane                    | ND                         | ug/l    | 0.50   | 1        |
|                                          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | 1,1,1-Trichloroethane                        | ND                         | ug/l    | 0.50   | 1        |
|                                          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | 1,1,2,2-Tetrachloroethane                    | ND                         | ug/l    | 0.50   | 1        |
|                                          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | 1,1,2-Trichloroethane                        | ND                         | ug/l    | 0.50   | 1        |
|                                          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | 1,1-Dichloroethane                           | ND                         | ug/l    | 0.50   | 1        |
|                                          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | 1,1-Dichloroethylene                         | ND                         | ug/l    | 0.50   | 1        |
|                                          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | 1,1-Dichloropropene                          | ND                         | ug/l    | 0.50   | 1        |
|                                          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | 1,2,3-Trichlorobenzene                       | ND                         | ug/l    | 0.50   | 1        |
|                                          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | 1,2,3-Trichloropropane                       | ND                         | ug/l    | 0.50   | 1        |
|                                          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | 1,2,4-Trichlorobenzene                       | ND                         | ug/l    | 0.50   | 1        |
|                                          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | 1,2,4-Trimethylbenzene                       | ND                         | ug/l    | 0.50   | 1        |

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**Laboratory  
Report  
#54848**

Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method            | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|-------------------|---------------------------------|--------|-------|------|----------|
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | 1,2-Dichloroethane              | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | 1,2-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | 1,3,5-Trimethylbenzene          | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | 1,3-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | p-Dichlorobenzene (1,4-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | 2,2-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | 2-Butanone (MEK)                | ND     | ug/l  | 5.0  | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | o-Chlorotoluene                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | p-Chlorotoluene                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | 4-Methyl-2-Pentanone (MIBK)     | ND     | ug/l  | 5.0  | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Benzene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Bromobenzene                    | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Bromomethane (Methyl Bromide)   | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | cis-1,2-Dichloroethylene        | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Chlorobenzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Carbon Tetrachloride            | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | cis-1,3-Dichloropropene         | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Bromoform                       | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Chloroform (Trichloromethane)   | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Bromochloromethane              | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Chloroethane                    | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Chloromethane (Methyl Chloride) | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Chlorodibromomethane            | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Dibromomethane                  | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Bromodichloromethane            | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Dichloromethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Ethyl benzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/E524.2/624 ) | Dichlorodifluoromethane         | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Fluorotrichloromethane-Freon11  | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Hexachlorobutadiene             | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Isopropylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | m-Dichlorobenzene (1,3-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | m,p-Xylenes                     | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Naphthalene                     | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | n-Butylbenzene                  | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | n-Propylbenzene                 | ND     | ug/l  | 0.50 | 1        |

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**Laboratory****Report****#54848**

Foster Wheeler Environmental, Inc

(continued)

| Prepared | Analyzed | QC Batch# | Method           | Analyte                          | Result | Units | MRL  | Dilution |
|----------|----------|-----------|------------------|----------------------------------|--------|-------|------|----------|
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | o-Xylene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | o-Dichlorobenzene (1,2-DCB)      | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | Tetrachloroethylene (PCE)        | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | p-Isopropyltoluene               | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | sec-Butylbenzene                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | Styrene                          | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | trans-1,2-Dichloroethylene       | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | tert-Butylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | Trichloroethylene (TCE)          | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | Trichlorotrifluoroethane (Freon) | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | trans-1,3-Dichloropropene        | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | Toluene                          | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | Vinyl chloride (VC)              | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )    | None detected                    | ND     |       |      | 1        |
|          |          |           | ( Surrogate )    | 1,2-Dichloroethane-d4            | 115    | % Rec |      |          |
|          |          |           | ( Surrogate )    | 4-Bromofluorobenzene             | 97     | % Rec |      |          |
|          |          |           | ( Surrogate )    | Toluene-d8                       | 100    | % Rec |      |          |

**MW-992-076 (990603162) Sampled on 06/03/99**

|          |          |       |                   |                                |      |         |        |    |
|----------|----------|-------|-------------------|--------------------------------|------|---------|--------|----|
|          | 06/11/99 | 97564 | ( ML/SM2320B )    | Alkalinity                     | 128  | mg/l    | 2.0    | 1  |
|          | 06/15/99 |       | ( ML/SM1040 )     | Anion Sum                      | 3.86 | meq/l   | 0.0010 | 1  |
| 06/10/99 | 06/16/99 | 97735 | ( S3113B/E200.9 ) | Arsenic, Total, GF             | ND   | mg/l    | 0.005  | 1  |
| 06/15/99 | 06/15/99 | 97613 | ( ML/EPA 200.7 )  | Calcium, Total, ICAP           | 23.4 | mg/l    | 1.0    | 1  |
|          | 06/16/99 |       | ( ML/SM1040 )     | Cation Sum                     | 3.83 | meq/l   | 0.0010 | 1  |
|          | 06/04/99 | 97294 | ( ML/EPA 300 )    | Chloride                       | 27.2 | mg/l    | 1.0    | 1  |
|          | 06/17/99 | 97887 | ( MOD/EPA 300 )   | Perchlorate                    | 690  | ug/l    | 80     | 20 |
|          | 06/15/99 |       | ( ML/SM2320B )    | Carbonate as CO3, Calculated   | 2.53 | mg/l    | 0.0010 | 1  |
| 06/10/99 | 06/11/99 | 97575 | ( EPA/ML 200.8 )  | Chromium, Total, ICAP/MS       | ND   | ug/l    | 10     | 1  |
|          | 06/04/99 | 97113 | ( ML/SW 7196 )    | Hexavalent chromium (Cr VI)    | ND   | mg/l    | 0.005  | 1  |
|          | 06/10/99 | 97422 | ( ML/S2510B )     | Specific Conductance           | 370  | umho/cm | 4.0    | 1  |
| 06/10/99 | 06/11/99 | 97577 | ( EPA/ML 200.8 )  | Iron, Total, ICAP/MS           | 860  | ug/l    | 100    | 1  |
|          | 06/15/99 |       | ( ML/SM2320B )    | Bicarbonate as HCO3,calculated | 155  | mg/l    | 0.0010 | 1  |
| 06/15/99 | 06/15/99 | 97616 | ( ML/EPA 200.7 )  | Potassium, Total, ICAP         | 2.6  | mg/l    | 1.0    | 1  |
| 06/15/99 | 06/15/99 | 97620 | ( ML/EPA 200.7 )  | Magnesium, Total, ICAP         | 10.1 | mg/l    | 0.10   | 1  |
| 06/15/99 | 06/15/99 | 97623 | ( ML/EPA 200.7 )  | Sodium, Total, ICAP            | 40.6 | mg/l    | 1.0    | 1  |
|          | 06/04/99 | 97299 | ( ML/EPA 300.0 )  | Nitrate-N by IC                | 3.16 | mg/l    | 0.10   | 1  |

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**Laboratory****Report****#54848**Foster Wheeler Environmental, Inc  
(continued)

| Prepared                                 | Analyzed | QC Batch# | Method           | Analyte                       | Result | Units | MRL    | Dilution |
|------------------------------------------|----------|-----------|------------------|-------------------------------|--------|-------|--------|----------|
| 06/10/99                                 | 06/11/99 | 97578     | ( EPA/ML 200.8 ) | Lead, Total, ICAP/MS          | ND     | ug/l  | 2.0    | 1        |
|                                          | 06/08/99 | 97349     | ( ML/SM 4500HB)  | Lab pH                        | 8.4    | Units | 0.0010 | 1        |
|                                          | 06/04/99 | 97300     | ( ML/EPA 300.0 ) | Sulfate                       | 14.7   | mg/l  | 2.0    | 1        |
|                                          | 06/10/99 | 97591     | ( ML/SM2540C )   | Total Dissolved Solid (TDS)   | 220    | mg/l  | 10     | 1        |
| <b>Regulated VOCs plus Lists 1&amp;3</b> |          |           |                  |                               |        |       |        |          |
|                                          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | 1,1,1,2-Tetrachloroethane     | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | 1,1,1-Trichloroethane         | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | 1,1,2,2-Tetrachloroethane     | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | 1,1,2-Trichloroethane         | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | 1,1-Dichloroethane            | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | 1,1-Dichloroethylene          | 1.8    | ug/l  | 0.50   | 1        |
|                                          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | 1,1-Dichloropropene           | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | 1,2,3-Trichlorobenzene        | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | 1,2,3-Trichloropropane        | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | 1,2,4-Trichlorobenzene        | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | 1,2,4-Trimethylbenzene        | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | 1,2-Dichloroethane            | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | 1,2-Dichloropropane           | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | 1,3,5-Trimethylbenzene        | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | 1,3-Dichloropropane           | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | p-Dichlorobenzene (1,4-DCB)   | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | 2,2-Dichloropropane           | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | 2-Butanone (MEK)              | ND     | ug/l  | 5.0    | 1        |
|                                          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | o-Chlorotoluene               | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | p-Chlorotoluene               | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | 4-Methyl-2-Pentanone (MIBK)   | ND     | ug/l  | 5.0    | 1        |
|                                          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | Benzene                       | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | Bromobenzene                  | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | Bromomethane (Methyl Bromide) | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | cis-1,2-Dichloroethylene      | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | Chlorobenzene                 | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/10/99 | 97475     | ( ML/EPA 524.2 ) | Carbon Tetrachloride          | 33     | ug/l  | 1.0    | 2        |
|                                          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | cis-1,3-Dichloropropene       | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | Bromoform                     | ND     | ug/l  | 0.50   | 1        |
|                                          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | Chloroform (Trichloromethane) | 7.7    | ug/l  | 0.50   | 1        |

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**Laboratory****Report****#54848**Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method            | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|-------------------|---------------------------------|--------|-------|------|----------|
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Bromochloromethane              | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Chloroethane                    | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Chloromethane (Methyl Chloride) | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Chlorodibromomethane            | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Dibromomethane                  | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Bromodichloromethane            | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Dichloromethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Ethyl benzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/E524.2/624 ) | Dichlorodifluoromethane         | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Fluorotrichloromethane-Freon11  | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Hexachlorobutadiene             | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Isopropylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | m-Dichlorobenzene (1,3-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | m,p-Xylenes                     | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Naphthalene                     | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | n-Butylbenzene                  | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | n-Propylbenzene                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | o-Xylene                        | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | o-Dichlorobenzene (1,2-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Tetrachloroethylene (PCE)       | 1.3    | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | p-Isopropyltoluene              | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | sec-Butylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Styrene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | trans-1,2-Dichloroethylene      | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | tert-Butylbenzene               | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Trichloroethylene (TCE)         | 4.3    | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Trichlorotrifluoroethane (Freon | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | trans-1,3-Dichloropropene       | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Toluene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Vinyl chloride (VC)             | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )     | None detected                   | ND     |       |      | 1        |
|          |          |           | ( Surrogate )     | 1,2-Dichloroethane-d4           | 114    | % Rec |      |          |
|          |          |           | ( Surrogate )     | 4-Bromofluorobenzene            | 103    | % Rec |      |          |
|          |          |           | ( Surrogate )     | Toluene-d8                      | 101    | % Rec |      |          |

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**Laboratory****Report****#54848**Foster Wheeler Environmental, Inc  
(continued)

| Prepared                                               | Analyzed | QC Batch# | Method            | Analyte                                      | Result | Units   | MRL    | Dilution |
|--------------------------------------------------------|----------|-----------|-------------------|----------------------------------------------|--------|---------|--------|----------|
| <b>MW-992-075 (990603163)      Sampled on 06/03/99</b> |          |           |                   |                                              |        |         |        |          |
|                                                        | 06/11/99 | 97564     | ( ML/SM2320B )    | Alkalinity                                   | 155    | mg/l    | 2.0    | 1        |
|                                                        | 06/15/99 |           | ( ML/SM1040 )     | Anion Sum                                    | 4.20   | meq/l   | 0.0010 | 1        |
| 06/10/99                                               | 06/16/99 | 97735     | ( S3113B/E200.9 ) | Arsenic, Total, GF                           | ND     | mg/l    | 0.005  | 1        |
| 06/15/99                                               | 06/15/99 | 97613     | ( ML/EPA 200.7 )  | Calcium, Total, ICAP                         | 43.4   | mg/l    | 1.0    | 1        |
|                                                        | 06/16/99 |           | ( ML/SM1040 )     | Cation Sum                                   | 4.20   | meq/l   | 0.0010 | 1        |
|                                                        | 06/04/99 | 97294     | ( ML/EPA 300 )    | Chloride                                     | 10.4   | mg/l    | 1.0    | 1        |
|                                                        | 06/16/99 | 97711     | ( MOD/EPA 300 )   | Perchlorate                                  | 14     | ug/l    | 4.0    | 1        |
|                                                        | 06/15/99 |           | ( ML/SM2320B )    | Carbonate as CO <sub>3</sub> , Calculated    | 0.489  | mg/l    | 0.0010 | 1        |
| 06/10/99                                               | 06/11/99 | 97575     | ( EPA/ML 200.8 )  | Chromium, Total, ICAP/MS                     | ND     | ug/l    | 10     | 1        |
|                                                        | 06/04/99 | 97113     | ( ML/SW 7196 )    | Hexavalent chromium (Cr VI)                  | ND     | mg/l    | 0.005  | 1        |
|                                                        | 06/10/99 | 97422     | ( ML/S2510B )     | Specific Conductance                         | 390    | umho/cm | 4.0    | 1        |
| 06/10/99                                               | 06/11/99 | 97577     | ( EPA/ML 200.8 )  | Iron, Total, ICAP/MS                         | 670    | ug/l    | 100    | 1        |
|                                                        | 06/15/99 |           | ( ML/SM2320B )    | Bicarbonate as HCO <sub>3</sub> , calculated | 189    | mg/l    | 0.0010 | 1        |
| 06/15/99                                               | 06/15/99 | 97616     | ( ML/EPA 200.7 )  | Potassium, Total, ICAP                       | 2.4    | mg/l    | 1.0    | 1        |
| 06/15/99                                               | 06/15/99 | 97620     | ( ML/EPA 200.7 )  | Magnesium, Total, ICAP                       | 15.3   | mg/l    | 0.10   | 1        |
| 06/15/99                                               | 06/15/99 | 97623     | ( ML/EPA 200.7 )  | Sodium, Total, ICAP                          | 16.4   | mg/l    | 1.0    | 1        |
|                                                        | 06/04/99 | 97299     | ( ML/EPA 300.0 )  | Nitrate-N by IC                              | 1.51   | mg/l    | 0.10   | 1        |
| 06/10/99                                               | 06/11/99 | 97578     | ( EPA/ML 200.8 )  | Lead, Total, ICAP/MS                         | ND     | ug/l    | 2.0    | 1        |
|                                                        | 06/08/99 | 97349     | ( ML/SM 4500HB)   | Lab pH                                       | 7.6    | Units   | 0.0010 | 1        |
|                                                        | 06/04/99 | 97300     | ( ML/EPA 300.0 )  | Sulfate                                      | 33.4   | mg/l    | 2.0    | 1        |
|                                                        | 06/10/99 | 97591     | ( ML/SM2540C )    | Total Dissolved Solid (TDS)                  | 250    | mg/l    | 10     | 1        |
| <b>1,4-Dioxane</b>                                     |          |           |                   |                                              |        |         |        |          |
| 06/08/99                                               | 06/11/99 | 97632     | ( ML/SW 8270 )    | 1,4-Dioxane                                  | ND     | ug/l    | 3.0    | 1        |
|                                                        |          |           | ( Surrogate )     | 2-Fluorobiphenyl                             | 76     | % Rec   |        |          |
|                                                        |          |           | ( Surrogate )     | Nitrobenzene-d5                              | 84     | % Rec   |        |          |
|                                                        |          |           | ( Surrogate )     | Terphenyl-d14                                | 74     | % Rec   |        |          |
| <b>Regulated VOCs plus Lists 1&amp;3</b>               |          |           |                   |                                              |        |         |        |          |
|                                                        | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | 1,1,1,2-Tetrachloroethane                    | ND     | ug/l    | 0.50   | 1        |
|                                                        | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | 1,1,1-Trichloroethane                        | ND     | ug/l    | 0.50   | 1        |
|                                                        | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | 1,1,2,2-Tetrachloroethane                    | ND     | ug/l    | 0.50   | 1        |
|                                                        | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | 1,1,2-Trichloroethane                        | ND     | ug/l    | 0.50   | 1        |
|                                                        | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | 1,1-Dichloroethane                           | ND     | ug/l    | 0.50   | 1        |

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**Laboratory****Report****#54848****Foster Wheeler Environmental, Inc**  
(continued)

| Prepared | Analyzed | QC Batch# | Method            | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|-------------------|---------------------------------|--------|-------|------|----------|
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | 1,1-Dichloroethylene            | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | 1,1-Dichloropropene             | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | 1,2,3-Trichlorobenzene          | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | 1,2,3-Trichloropropane          | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | 1,2,4-Trichlorobenzene          | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | 1,2,4-Trimethylbenzene          | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | 1,2-Dichloroethane              | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | 1,2-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | 1,3,5-Trimethylbenzene          | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | 1,3-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | p-Dichlorobenzene (1,4-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | 2,2-Dichloropropane             | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | 2-Butanone (MEK)                | ND     | ug/l  | 5.0  | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | o-Chlorotoluene                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | p-Chlorotoluene                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | 4-Methyl-2-Pentanone (MIBK)     | ND     | ug/l  | 5.0  | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Benzene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Bromobenzene                    | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Bromomethane (Methyl Bromide)   | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | cis-1,2-Dichloroethylene        | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Chlorobenzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Carbon Tetrachloride            | 1.0    | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | cis-1,3-Dichloropropene         | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Bromoform                       | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Chloroform (Trichloromethane)   | 0.6    | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Bromochloromethane              | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Chloroethane                    | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Chloromethane (Methyl Chloride) | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Chlorodibromomethane            | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Dibromomethane                  | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Bromodichloromethane            | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Dichloromethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Ethyl benzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/E524.2/624 ) | Dichlorodifluoromethane         | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Fluorotrichloromethane-Freon11  | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Hexachlorobutadiene             | ND     | ug/l  | 0.50 | 1        |



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**Laboratory****Report****#54848**Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method           | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|------------------|---------------------------------|--------|-------|------|----------|
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | Isopropylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | m-Dichlorobenzene (1,3-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | m,p-Xylenes                     | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | Naphthalene                     | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | n-Butylbenzene                  | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | n-Propylbenzene                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | o-Xylene                        | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | o-Dichlorobenzene (1,2-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | Tetrachloroethylene (PCE)       | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | p-Isopropyltoluene              | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | sec-Butylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | Styrene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | trans-1,2-Dichloroethylene      | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | tert-Butylbenzene               | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | Trichloroethylene (TCE)         | 1.6    | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | Trichlorotrifluoroethane (Freon | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | trans-1,3-Dichloropropene       | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | Toluene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | Vinyl chloride (VC)             | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )    | None detected                   | ND     |       |      | 1        |
|          |          |           | ( Surrogate )    | 1,2-Dichloroethane-d4           | 104    | % Rec |      |          |
|          |          |           | ( Surrogate )    | 4-Bromofluorobenzene            | 107    | % Rec |      |          |
|          |          |           | ( Surrogate )    | Toluene-d8                      | 97     | % Rec |      |          |

**MW-992-008 (990603164)****Sampled on 06/03/99**

|          |          |       |                   |                              |       |         |        |   |
|----------|----------|-------|-------------------|------------------------------|-------|---------|--------|---|
|          | 06/11/99 | 97564 | ( ML/SM2320B )    | Alkalinity                   | 163   | mg/l    | 2.0    | 1 |
|          | 06/15/99 |       | ( ML/SM1040 )     | Anion Sum                    | 7.38  | meq/l   | 0.0010 | 1 |
| 06/10/99 | 06/16/99 | 97735 | ( S3113B/E200.9 ) | Arsenic, Total, GF           | ND    | mg/l    | 0.005  | 1 |
| 06/15/99 | 06/15/99 | 97613 | ( ML/EPA 200.7 )  | Calcium, Total, ICAP         | 74.0  | mg/l    | 1.0    | 1 |
|          | 06/16/99 |       | ( ML/SM1040 )     | Cation Sum                   | 7.11  | meq/l   | 0.0010 | 1 |
|          | 06/04/99 | 97294 | ( ML/EPA 300 )    | Chloride                     | 64.1  | mg/l    | 1.0    | 1 |
|          | 06/16/99 | 97711 | ( MOD/EPA 300 )   | Perchlorate                  | 56    | ug/l    | 4.0    | 1 |
|          | 06/15/99 |       | ( ML/SM2320B )    | Carbonate as CO3, Calculated | 0.325 | mg/l    | 0.0010 | 1 |
| 06/10/99 | 06/11/99 | 97575 | ( EPA/ML 200.8 )  | Chromium, Total, ICAP/MS     | ND    | ug/l    | 10     | 1 |
|          | 06/04/99 | 97113 | ( ML/SW 7196 )    | Hexavalent chromium (Cr VI)  | ND    | mg/l    | 0.005  | 1 |
|          | 06/10/99 | 97423 | ( ML/S2510B )     | Specific Conductance         | 695   | umho/cm | 4.0    | 1 |

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**Laboratory****Report****#54848**Foster Wheeler Environmental, Inc  
(continued)

| Prepared                      | Analyzed | QC Batch# | Method           | Analyte                        | Result | Units | MRL    | Dilution |
|-------------------------------|----------|-----------|------------------|--------------------------------|--------|-------|--------|----------|
| 06/10/99                      | 06/11/99 | 97577     | ( EPA/ML 200.8 ) | Iron, Total, ICAP/MS           | 710    | ug/l  | 100    | 1        |
|                               | 06/15/99 |           | ( ML/SM2320B )   | Bicarbonate as HCO3,calculated | 199    | mg/l  | 0.0010 | 1        |
| 06/15/99                      | 06/15/99 | 97616     | ( ML/EPA 200.7 ) | Potassium, Total, ICAP         | 2.4    | mg/l  | 1.0    | 1        |
| 06/15/99                      | 06/15/99 | 97620     | ( ML/EPA 200.7 ) | Magnesium, Total, ICAP         | 26.0   | mg/l  | 0.10   | 1        |
| 06/15/99                      | 06/15/99 | 97623     | ( ML/EPA 200.7 ) | Sodium, Total, ICAP            | 27.7   | mg/l  | 1.0    | 1        |
|                               | 06/04/99 | 97299     | ( ML/EPA 300.0 ) | Nitrate-N by IC                | 7.54   | mg/l  | 0.10   | 1        |
| 06/10/99                      | 06/11/99 | 97578     | ( EPA/ML 200.8 ) | Lead, Total, ICAP/MS           | ND     | ug/l  | 2.0    | 1        |
|                               | 06/08/99 | 97349     | ( ML/SM 4500HB)  | Lab pH                         | 7.4    | Units | 0.0010 | 1        |
|                               | 06/04/99 | 97300     | ( ML/EPA 300.0 ) | Sulfate                        | 84.9   | mg/l  | 2.0    | 1        |
|                               | 06/10/99 | 97591     | ( ML/SM2540C )   | Total Dissolved Solid (TDS)    | 420    | mg/l  | 10     | 1        |
| 1,4-Dioxane                   |          |           |                  |                                |        |       |        |          |
| 06/08/99                      | 06/11/99 | 97632     | ( ML/SW 8270 )   | 1,4-Dioxane                    | ND     | ug/l  | 3.0    | 1        |
|                               |          |           | ( Surrogate )    | 2-Flurobiphenyl                | 91     | % Rec |        |          |
|                               |          |           | ( Surrogate )    | Nitrobenzene-d5                | 93     | % Rec |        |          |
|                               |          |           | ( Surrogate )    | Terphenyl-d14                  | 70     | % Rec |        |          |
| Regulated VOCs plus Lists 1&3 |          |           |                  |                                |        |       |        |          |
|                               | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | 1,1,1,2-Tetrachloroethane      | ND     | ug/l  | 0.50   | 1        |
|                               | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | 1,1,1-Trichloroethane          | ND     | ug/l  | 0.50   | 1        |
|                               | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | 1,1,2,2-Tetrachloroethane      | ND     | ug/l  | 0.50   | 1        |
|                               | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | 1,1,2-Trichloroethane          | ND     | ug/l  | 0.50   | 1        |
|                               | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | 1,1-Dichloroethane             | ND     | ug/l  | 0.50   | 1        |
|                               | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | 1,1-Dichloroethylene           | ND     | ug/l  | 0.50   | 1        |
|                               | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | 1,1-Dichloropropene            | ND     | ug/l  | 0.50   | 1        |
|                               | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | 1,2,3-Trichlorobenzene         | ND     | ug/l  | 0.50   | 1        |
|                               | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | 1,2,3-Trichloropropane         | ND     | ug/l  | 0.50   | 1        |
|                               | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | 1,2,4-Trichlorobenzene         | ND     | ug/l  | 0.50   | 1        |
|                               | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | 1,2,4-Trimethylbenzene         | ND     | ug/l  | 0.50   | 1        |
|                               | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | 1,2-Dichloroethane             | ND     | ug/l  | 0.50   | 1        |
|                               | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | 1,2-Dichloropropane            | ND     | ug/l  | 0.50   | 1        |
|                               | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | 1,3,5-Trimethylbenzene         | ND     | ug/l  | 0.50   | 1        |
|                               | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | 1,3-Dichloropropane            | ND     | ug/l  | 0.50   | 1        |
|                               | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | p-Dichlorobenzene (1,4-DCB)    | ND     | ug/l  | 0.50   | 1        |
|                               | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | 2,2-Dichloropropane            | ND     | ug/l  | 0.50   | 1        |
|                               | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | 2-Butanone (MEK)               | ND     | ug/l  | 5.0    | 1        |

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**Laboratory****Report****#54848**Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method            | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|-------------------|---------------------------------|--------|-------|------|----------|
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | o-Chlorotoluene                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | p-Chlorotoluene                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | 4-Methyl-2-Pentanone (MIBK)     | ND     | ug/l  | 5.0  | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Benzene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Bromobenzene                    | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Bromomethane (Methyl Bromide)   | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | cis-1,2-Dichloroethylene        | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Chlorobenzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Carbon Tetrachloride            | 2.0    | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | cis-1,3-Dichloropropene         | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Bromoform                       | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Chloroform (Trichloromethane)   | 3.7    | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Bromochloromethane              | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Chloroethane                    | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Chloromethane (Methyl Chloride) | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Chlorodibromomethane            | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Dibromomethane                  | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Bromodichloromethane            | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Dichloromethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Ethyl benzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/E524.2/624 ) | Dichlorodifluoromethane         | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Fluorotrichloromethane-Freon11  | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Hexachlorobutadiene             | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Isopropylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | m-Dichlorobenzene (1,3-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | m,p-Xylenes                     | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Naphthalene                     | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | n-Butylbenzene                  | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | n-Propylbenzene                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | o-Xylene                        | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | o-Dichlorobenzene (1,2-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Tetrachloroethylene (PCE)       | 0.7    | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | p-Isopropyltoluene              | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | sec-Butylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | Styrene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 )  | trans-1,2-Dichloroethylene      | ND     | ug/l  | 0.50 | 1        |

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**Laboratory  
 Report  
 #54848**

Foster Wheeler Environmental, Inc  
 (continued)

| Prepared | Analyzed | QC Batch# | Method           | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|------------------|---------------------------------|--------|-------|------|----------|
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | tert-Butylbenzene               | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | Trichloroethylene (TCE)         | 6.4    | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | Trichlorotrifluoroethane (Freon | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | trans-1,3-Dichloropropene       | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | Toluene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97475     | ( ML/EPA 524.2 ) | Vinyl chloride (VC)             | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )    | None detected                   | ND     |       |      | 1        |
|          |          |           | ( Surrogate )    | 1,2-Dichloroethane-d4           | 108    | % Rec |      |          |
|          |          |           | ( Surrogate )    | 4-Bromofluorobenzene            | 101    | % Rec |      |          |
|          |          |           | ( Surrogate )    | Toluene-d8                      | 102    | % Rec |      |          |

**MW-992-009 (990603165) Sampled on 06/03/99**

|          |          |       |                   |                             |    |      |       |   |
|----------|----------|-------|-------------------|-----------------------------|----|------|-------|---|
| 06/10/99 | 06/16/99 | 97735 | ( S3113B/E200.9 ) | Arsenic, Total, GF          | ND | mg/l | 0.005 | 1 |
|          | 06/16/99 | 97711 | ( MOD/EPA 300 )   | Perchlorate                 | 55 | ug/l | 4.0   | 1 |
| 06/10/99 | 06/11/99 | 97575 | ( EPA/ML 200.8 )  | Chromium, Total, ICAP/MS    | ND | ug/l | 10    | 1 |
|          | 06/04/99 | 97113 | ( ML/SW 7196 )    | Hexavalent chromium (Cr VI) | ND | mg/l | 0.005 | 1 |
| 06/10/99 | 06/11/99 | 97578 | ( EPA/ML 200.8 )  | Lead, Total, ICAP/MS        | ND | ug/l | 2.0   | 1 |

**Regulated VOCs plus Lists 1&3**

|          |       |                  |                             |    |      |      |   |
|----------|-------|------------------|-----------------------------|----|------|------|---|
| 06/09/99 | 97476 | ( ML/EPA 524.2 ) | 1,1,1,2-Tetrachloroethane   | ND | ug/l | 0.50 | 1 |
| 06/09/99 | 97476 | ( ML/EPA 524.2 ) | 1,1,1-Trichloroethane       | ND | ug/l | 0.50 | 1 |
| 06/09/99 | 97476 | ( ML/EPA 524.2 ) | 1,1,2,2-Tetrachloroethane   | ND | ug/l | 0.50 | 1 |
| 06/09/99 | 97476 | ( ML/EPA 524.2 ) | 1,1,2-Trichloroethane       | ND | ug/l | 0.50 | 1 |
| 06/09/99 | 97476 | ( ML/EPA 524.2 ) | 1,1-Dichloroethane          | ND | ug/l | 0.50 | 1 |
| 06/09/99 | 97476 | ( ML/EPA 524.2 ) | 1,1-Dichloroethylene        | ND | ug/l | 0.50 | 1 |
| 06/09/99 | 97476 | ( ML/EPA 524.2 ) | 1,1-Dichloropropene         | ND | ug/l | 0.50 | 1 |
| 06/09/99 | 97476 | ( ML/EPA 524.2 ) | 1,2,3-Trichlorobenzene      | ND | ug/l | 0.50 | 1 |
| 06/09/99 | 97476 | ( ML/EPA 524.2 ) | 1,2,3-Trichloropropane      | ND | ug/l | 0.50 | 1 |
| 06/09/99 | 97476 | ( ML/EPA 524.2 ) | 1,2,4-Trichlorobenzene      | ND | ug/l | 0.50 | 1 |
| 06/09/99 | 97476 | ( ML/EPA 524.2 ) | 1,2,4-Trimethylbenzene      | ND | ug/l | 0.50 | 1 |
| 06/09/99 | 97476 | ( ML/EPA 524.2 ) | 1,2-Dichloroethane          | ND | ug/l | 0.50 | 1 |
| 06/09/99 | 97476 | ( ML/EPA 524.2 ) | 1,2-Dichloropropane         | ND | ug/l | 0.50 | 1 |
| 06/09/99 | 97476 | ( ML/EPA 524.2 ) | 1,3,5-Trimethylbenzene      | ND | ug/l | 0.50 | 1 |
| 06/09/99 | 97476 | ( ML/EPA 524.2 ) | 1,3-Dichloropropane         | ND | ug/l | 0.50 | 1 |
| 06/09/99 | 97476 | ( ML/EPA 524.2 ) | p-Dichlorobenzene (1,4-DCB) | ND | ug/l | 0.50 | 1 |
| 06/09/99 | 97476 | ( ML/EPA 524.2 ) | 2,2-Dichloropropane         | ND | ug/l | 0.50 | 1 |

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**Laboratory  
 Report  
 #54848**

Foster Wheeler Environmental, Inc  
 (continued)

| Prepared | Analyzed | QC Batch# | Method               | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|----------------------|---------------------------------|--------|-------|------|----------|
|          | 06/09/99 | 97476     | ( ML/EPA 524.2 )     | 2-Butanone (MEK)                | ND     | ug/l  | 5.0  | 1        |
|          | 06/09/99 | 97476     | ( ML/EPA 524.2 )     | o-Chlorotoluene                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97476     | ( ML/EPA 524.2 )     | p-Chlorotoluene                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97476     | ( ML/EPA 524.2 )     | 4-Methyl-2-Pentanone (MIBK)     | ND     | ug/l  | 5.0  | 1        |
|          | 06/09/99 | 97476     | ( ML/EPA 524.2 )     | Benzene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97476     | ( ML/EPA 524.2 )     | Bromobenzene                    | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97476     | ( ML/EPA 524.2 )     | Bromomethane (Methyl Bromide)   | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97476     | ( ML/EPA 524.2 )     | cis-1,2-Dichloroethylene        | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97476     | ( ML/EPA 524.2 )     | Chlorobenzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97476     | ( ML/EPA 524.2 )     | Carbon Tetrachloride            | 1.5    | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97476     | ( ML/EPA 524.2 )     | cis-1,3-Dichloropropene         | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97476     | ( ML/EPA 524.2 )     | Bromoform                       | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97476     | ( ML/EPA 524.2 )     | Chloroform (Trichloromethane)   | 2.9    | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97476     | ( ML/EPA 524.2 )     | Bromochloromethane              | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97476     | ( ML/EPA 524.2 )     | Chloroethane                    | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97476     | ( ML/EPA 524.2 )     | Chloromethane (Methyl Chloride) | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97476     | ( ML/EPA 524.2 )     | Chlorodibromomethane            | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97476     | ( ML/EPA 524.2 )     | Dibromomethane                  | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97476     | ( ML/EPA 524.2 )     | Bromodichloromethane            | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97476     | ( ML/EPA 524.2 )     | Dichloromethane                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97476     | ( ML/EPA 524.2 )     | Ethyl benzene                   | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97476     | ( ML/EPA 524.2/624 ) | Dichlorodifluoromethane         | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97476     | ( ML/EPA 524.2 )     | Fluorotrichloromethane-Freon11  | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97476     | ( ML/EPA 524.2 )     | Hexachlorobutadiene             | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97476     | ( ML/EPA 524.2 )     | Isopropylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97476     | ( ML/EPA 524.2 )     | m-Dichlorobenzene (1,3-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97476     | ( ML/EPA 524.2 )     | m,p-Xylenes                     | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97476     | ( ML/EPA 524.2 )     | Naphthalene                     | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97476     | ( ML/EPA 524.2 )     | n-Butylbenzene                  | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97476     | ( ML/EPA 524.2 )     | n-Propylbenzene                 | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97476     | ( ML/EPA 524.2 )     | o-Xylene                        | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97476     | ( ML/EPA 524.2 )     | o-Dichlorobenzene (1,2-DCB)     | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97476     | ( ML/EPA 524.2 )     | Tetrachloroethylene (PCE)       | 0.5    | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97476     | ( ML/EPA 524.2 )     | p-Isopropyltoluene              | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97476     | ( ML/EPA 524.2 )     | sec-Butylbenzene                | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97476     | ( ML/EPA 524.2 )     | Styrene                         | ND     | ug/l  | 0.50 | 1        |

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**Laboratory  
Report  
#54848**

Foster Wheeler Environmental, Inc  
(continued)

| Prepared | Analyzed | QC Batch# | Method           | Analyte                         | Result | Units | MRL  | Dilution |
|----------|----------|-----------|------------------|---------------------------------|--------|-------|------|----------|
|          | 06/09/99 | 97476     | ( ML/EPA 524.2 ) | trans-1,2-Dichloroethylene      | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97476     | ( ML/EPA 524.2 ) | tert-Butylbenzene               | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97476     | ( ML/EPA 524.2 ) | Trichloroethylene (TCE)         | 4.9    | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97476     | ( ML/EPA 524.2 ) | Trichlorotrifluoroethane (Freon | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97476     | ( ML/EPA 524.2 ) | trans-1,3-Dichloropropene       | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97476     | ( ML/EPA 524.2 ) | Toluene                         | ND     | ug/l  | 0.50 | 1        |
|          | 06/09/99 | 97476     | ( ML/EPA 524.2 ) | Vinyl chloride (VC)             | ND     | ug/l  | 0.30 | 1        |
|          |          |           | ( EPA 524.2 )    | None detected                   | ND     |       |      | 1        |
|          |          |           | ( Surrogate )    | 1,2-Dichloroethane-d4           | 107    | % Rec |      |          |
|          |          |           | ( Surrogate )    | 4-Bromofluorobenzene            | 108    | % Rec |      |          |
|          |          |           | ( Surrogate )    | Toluene-d8                      | 107    | % Rec |      |          |

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Laboratory

QC Report

#54848

Foster Wheeler Environmental, Inc

**QC Batch #97113****Hexavalent chromium (Cr VI)**

| QC   | Analyte                     | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|-----------------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample               | Lab # 99 | 0603160   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Hexavalent chromium (Cr VI) | 0.050    | 0.049     | 98.0      | ( 78.00 - 118.00 ) |         |
| LCS2 | Hexavalent chromium (Cr VI) | 0.050    | 0.051     | 102.0     | ( 78.00 - 118.00 ) | 4.0     |
| MBLK | Hexavalent chromium (Cr VI) | ND       |           |           |                    |         |
| MS   | Hexavalent chromium (Cr VI) | 0.050    | 0.050     | 100.0     | ( 80.00 - 120.00 ) |         |
| MSD  | Hexavalent chromium (Cr VI) | 0.050    | 0.051     | 102.0     | ( 80.00 - 120.00 ) | 2.0     |

**QC Batch #97294****Chloride**

| QC   | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|---------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample | Lab # 99 | 0603159   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Chloride      | 25       | 25.8      | 103.2     | ( 90.00 - 110.00 ) |         |
| LCS2 | Chloride      | 25       | 25.7      | 102.8     | ( 90.00 - 110.00 ) | 0.39    |
| MBLK | Chloride      | ND       |           |           |                    |         |
| MS   | Chloride      | 25       | 26.2      | 104.8     | ( 80.00 - 120.00 ) |         |
| MSD  | Chloride      | 25       | 26.8      | 107.2     | ( 80.00 - 120.00 ) | 2.3     |

**QC Batch #97299****Nitrate-N by IC**

| QC   | Analyte         | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|-----------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample   | Lab # 99 | 0603094   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Nitrate-N by IC | 2.5      | 2.63      | 105.2     | ( 94.00 - 106.00 ) |         |
| LCS2 | Nitrate-N by IC | 2.5      | 2.63      | 105.2     | ( 94.00 - 106.00 ) | 0.00    |
| MBLK | Nitrate-N by IC | ND       |           |           |                    |         |
| MS   | Nitrate-N by IC | 2.5      | 2.39      | 95.6      | ( 85.00 - 118.00 ) |         |
| MSD  | Nitrate-N by IC | 2.5      | 2.39      | 95.6      | ( 85.00 - 118.00 ) | 0.00    |

**QC Batch #97300****Sulfate**

| QC   | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|---------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample | Lab # 99 | 0603159   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Sulfate       | 50       | 51.1      | 102.2     | ( 95.00 - 104.00 ) |         |
| LCS2 | Sulfate       | 50       | 51.0      | 102.0     | ( 95.00 - 104.00 ) | 0.20    |

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Laboratory

QC Report

#54848

Foster Wheeler Environmental, Inc  
(continued)

|      |         |    |      |       |                    |     |
|------|---------|----|------|-------|--------------------|-----|
| MBLK | Sulfate | ND |      |       |                    |     |
| MS   | Sulfate | 50 | 52.3 | 104.6 | ( 97.00 - 112.00 ) |     |
| MSD  | Sulfate | 50 | 53.5 | 107.0 | ( 97.00 - 112.00 ) | 2.3 |

**QC Batch #97349****Lab pH**

| QC  | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)      | RPD (%) |
|-----|---------------|----------|-----------|-----------|-----------------|---------|
| DUP | Spiked sample | Lab # 99 | 0603164   |           | ( 0.00 - 0.00 ) |         |

**QC Batch #97422****Specific Conductance**

| QC  | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)      | RPD (%) |
|-----|---------------|----------|-----------|-----------|-----------------|---------|
| DUP | Spiked sample | Lab # 99 | 0603163   |           | ( 0.00 - 0.00 ) |         |

**QC Batch #97423****Specific Conductance**

| QC  | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)      | RPD (%) |
|-----|---------------|----------|-----------|-----------|-----------------|---------|
| DUP | Spiked sample | Lab # 99 | 0604127   |           | ( 0.00 - 0.00 ) |         |

**QC Batch #97475****Regulated VOCs plus Lists 1&3**

| QC   | Analyte                   | Spiked | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|---------------------------|--------|-----------|-----------|--------------------|---------|
| MBLK | 1,1,1,2-Tetrachloroethane | ND     |           |           |                    |         |
| LCS1 | 1,1,1-Trichloroethane     | 4      | 4.17      | 104.2     | ( 76.00 - 116.00 ) |         |
| MBLK | 1,1,1-Trichloroethane     | ND     |           |           |                    |         |
| LCS1 | 1,1,2,2-Tetrachloroethane | 4      | 3.60      | 90.0      | ( 72.00 - 117.00 ) |         |
| MBLK | 1,1,2,2-Tetrachloroethane | ND     |           |           |                    |         |
| LCS1 | 1,1,2-Trichloroethane     | 4      | 3.97      | 99.2      | ( 71.00 - 116.00 ) |         |
| MBLK | 1,1,2-Trichloroethane     | ND     |           |           |                    |         |
| LCS1 | 1,1-Dichloroethane        | 4      | 4.05      | 101.2     | ( 71.00 - 125.00 ) |         |
| MBLK | 1,1-Dichloroethane        | ND     |           |           |                    |         |
| LCS1 | 1,1-Dichloroethylene      | 4      | 3.47      | 86.8      | ( 70.00 - 130.00 ) |         |
| MBLK | 1,1-Dichloroethylene      | ND     |           |           |                    |         |

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**Laboratory****QC Report****#54848****Foster Wheeler Environmental, Inc**  
**(continued)**

|      |                               |          |         |       |                    |     |
|------|-------------------------------|----------|---------|-------|--------------------|-----|
| MS   | 1,1-Dichloroethylene          | 4        | 3.19    | 79.8  | ( 70.00 - 130.00 ) |     |
| MSD  | 1,1-Dichloroethylene          | 4        | 3.62    | 90.5  | ( 70.00 - 130.00 ) | 13  |
| MBLK | 1,1-Dichloropropene           | ND       |         |       |                    |     |
| MBLK | 1,2,3-Trichlorobenzene        | ND       |         |       |                    |     |
| MBLK | 1,2,3-Trichloropropane        | ND       |         |       |                    |     |
| LCS1 | 1,2,4-Trichlorobenzene        | 4        | 4.02    | 100.5 | ( 76.00 - 114.00 ) |     |
| MBLK | 1,2,4-Trichlorobenzene        | ND       |         |       |                    |     |
| MBLK | 1,2,4-Trimethylbenzene        | ND       |         |       |                    |     |
| LCS1 | 1,2-Dichloroethane            | 4        | 3.99    | 99.8  | ( 75.00 - 120.00 ) |     |
| MBLK | 1,2-Dichloroethane            | ND       |         |       |                    |     |
| LCS1 | 1,2-Dichloropropane           | 4        | 3.95    | 98.8  | ( 77.00 - 122.00 ) |     |
| MBLK | 1,2-Dichloropropane           | ND       |         |       |                    |     |
| MBLK | 1,3,5-Trimethylbenzene        | ND       |         |       |                    |     |
| LCS1 | 1,3-Dichloropropane           | 8        | 7.74    | 96.8  | ( 70.00 - 130.00 ) |     |
| MBLK | 1,3-Dichloropropane           | ND       |         |       |                    |     |
| LCS1 | p-Dichlorobenzene (1,4-DCB)   | 4        | 3.92    | 98.0  | ( 77.00 - 113.00 ) |     |
| MBLK | p-Dichlorobenzene (1,4-DCB)   | ND       |         |       |                    |     |
| MBLK | 2,2-Dichloropropane           | ND       |         |       |                    |     |
| MBLK | 2-Butanone (MEK)              | ND       |         |       |                    |     |
| MBLK | 2-Chloroethylvinylether       | ND       |         |       |                    |     |
| MBLK | o-Chlorotoluene               | ND       |         |       |                    |     |
| MBLK | p-Chlorotoluene               | ND       |         |       |                    |     |
| MBLK | 4-Methyl-2-Pentanone (MIBK)   | ND       |         |       |                    |     |
| MS   | Spiked sample                 | Lab # 99 | 0528140 |       | ( 0.00 - 0.00 )    |     |
| LCS1 | Benzene                       | 4        | 4.02    | 100.5 | ( 76.00 - 122.00 ) |     |
| MBLK | Benzene                       | ND       |         |       |                    |     |
| MS   | Benzene                       | 4        | 3.75    | 93.8  | ( 70.00 - 130.00 ) |     |
| MSD  | Benzene                       | 4        | 3.88    | 97.0  | ( 70.00 - 130.00 ) | 3.4 |
| MBLK | Bromobenzene                  | ND       |         |       |                    |     |
| MBLK | Bromomethane (Methyl Bromide) | ND       |         |       |                    |     |
| LCS1 | cis-1,2-Dichloroethylene      | 4        | 3.79    | 94.8  | ( 70.00 - 130.00 ) |     |
| MBLK | cis-1,2-Dichloroethylene      | ND       |         |       |                    |     |
| LCS1 | Chlorobenzene                 | 4        | 3.96    | 99.0  | ( 70.00 - 130.00 ) |     |
| MBLK | Chlorobenzene                 | ND       |         |       |                    |     |
| MS   | Chlorobenzene                 | 4        | 3.57    | 89.2  | ( 70.00 - 130.00 ) |     |
| MSD  | Chlorobenzene                 | 4        | 3.64    | 91.0  | ( 70.00 - 130.00 ) | 1.9 |
| LCS1 | Carbon Tetrachloride          | 4        | 3.99    | 99.8  | ( 70.00 - 130.00 ) |     |

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Laboratory  
QC Report  
#54848

Foster Wheeler Environmental, Inc  
(continued)

|      |                                 |    |      |       |                    |
|------|---------------------------------|----|------|-------|--------------------|
| MBLK | Carbon Tetrachloride            | ND |      |       |                    |
| MBLK | cis-1,3-Dichloropropene         | ND |      |       |                    |
| LCS1 | Bromoform                       | 8  | 6.41 | 80.1  | ( 70.00 - 130.00 ) |
| MBLK | Bromoform                       | ND |      |       |                    |
| LCS1 | Chloroform (Trichloromethane)   | 4  | 3.92 | 98.0  | ( 70.00 - 130.00 ) |
| MBLK | Chloroform (Trichloromethane)   | ND |      |       |                    |
| MBLK | Bromochloromethane              | ND |      |       |                    |
| MBLK | Chloroethane                    | ND |      |       |                    |
| MBLK | Chloromethane (Methyl Chloride) | ND |      |       |                    |
| LCS1 | Chlorodibromomethane            | 4  | 3.47 | 86.8  | ( 70.00 - 130.00 ) |
| MBLK | Chlorodibromomethane            | ND |      |       |                    |
| MBLK | Dibromomethane                  | ND |      |       |                    |
| LCS1 | Bromodichloromethane            | 4  | 3.81 | 95.2  | ( 70.00 - 130.00 ) |
| MBLK | Bromodichloromethane            | ND |      |       |                    |
| LCS1 | Dichloromethane                 | 4  | 2.96 | 74.0  | ( 70.00 - 130.00 ) |
| MBLK | Dichloromethane                 | ND |      |       |                    |
| LCS1 | Ethyl benzene                   | 4  | 4.24 | 106.0 | ( 70.00 - 130.00 ) |
| MBLK | Ethyl benzene                   | ND |      |       |                    |
| MBLK | Dichlorodifluoromethane         | ND |      |       |                    |
| LCS1 | Fluorotrichloromethane-Freon11  | 2  | 2.18 | 109.0 | ( 70.00 - 130.00 ) |
| MBLK | Fluorotrichloromethane-Freon11  | ND |      |       |                    |
| MBLK | Hexachlorobutadiene             | ND |      |       |                    |
| MBLK | Isopropylbenzene                | ND |      |       |                    |
| MBLK | m-Dichlorobenzene (1,3-DCB)     | ND |      |       |                    |
| LCS1 | m,p-Xylenes                     | 8  | 8.18 | 102.2 | ( 70.00 - 130.00 ) |
| MBLK | m,p-Xylenes                     | ND |      |       |                    |
| MBLK | Naphthalene                     | ND |      |       |                    |
| MBLK | n-Butylbenzene                  | ND |      |       |                    |
| MBLK | n-Propylbenzene                 | ND |      |       |                    |
| LCS1 | o-Xylene                        | 4  | 4.15 | 103.8 | ( 70.00 - 130.00 ) |
| MBLK | o-Xylene                        | ND |      |       |                    |
| LCS1 | o-Dichlorobenzene (1,2-DCB)     | 4  | 3.83 | 95.8  | ( 70.00 - 130.00 ) |
| MBLK | o-Dichlorobenzene (1,2-DCB)     | ND |      |       |                    |
| LCS1 | Tetrachloroethylene (PCE)       | 4  | 4.14 | 103.5 | ( 70.00 - 130.00 ) |
| MBLK | Tetrachloroethylene (PCE)       | ND |      |       |                    |
| MBLK | p-Isopropyltoluene              | ND |      |       |                    |
| MBLK | sec-Butylbenzene                | ND |      |       |                    |

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**Laboratory****QC Report****#54848****Foster Wheeler Environmental, Inc  
(continued)**

|      |                                 |     |      |       |                    |      |
|------|---------------------------------|-----|------|-------|--------------------|------|
| LCS1 | Styrene                         | 4   | 4.00 | 100.0 | ( 70.00 - 130.00 ) |      |
| MBLK | Styrene                         | ND  |      |       |                    |      |
| LCS1 | 1,2-dichloroethane-d4           | 100 | 103  | 103.0 | ( 80.00 - 120.00 ) |      |
| MBLK | 1,2-dichloroethane-d4           | 100 | 110  | 110.0 |                    |      |
| MS   | 1,2-dichloroethane-d4           | 100 | 99.6 | 99.6  | ( 80.00 - 120.00 ) |      |
| MSD  | 1,2-dichloroethane-d4           | 100 | 96.6 | 96.6  | ( 80.00 - 120.00 ) | 3.1  |
| LCS1 | Toluene-d8                      | 100 | 107  | 107.0 | ( 80.00 - 120.00 ) |      |
| MBLK | Toluene-d8                      | 100 | 101  | 101.0 |                    |      |
| MS   | Toluene-d8                      | 100 | 97.7 | 97.7  | ( 80.00 - 120.00 ) |      |
| MSD  | Toluene-d8                      | 100 | 98.3 | 98.3  | ( 80.00 - 120.00 ) | 0.61 |
| LCS1 | 4-Bromofluorobenzene            | 100 | 101  | 101.0 | ( 80.00 - 120.00 ) |      |
| MBLK | 4-Bromofluorobenzene            | 100 | 93.4 | 93.4  |                    |      |
| MS   | 4-Bromofluorobenzene            | 100 | 99.8 | 99.8  | ( 80.00 - 120.00 ) |      |
| MSD  | 4-Bromofluorobenzene            | 100 | 100  | 100.0 | ( 80.00 - 120.00 ) | 0.20 |
| LCS1 | trans-1,2-Dichloroethylene      | 4   | 3.47 | 86.8  | ( 70.00 - 130.00 ) |      |
| MBLK | trans-1,2-Dichloroethylene      | ND  |      |       |                    |      |
| MBLK | tert-Butylbenzene               | ND  |      |       |                    |      |
| LCS1 | Trichloroethylene (TCE)         | 4   | 3.96 | 99.0  | ( 70.00 - 130.00 ) |      |
| MBLK | Trichloroethylene (TCE)         | ND  |      |       |                    |      |
| MS   | Trichloroethylene (TCE)         | 4   | 3.58 | 89.5  | ( 70.00 - 130.00 ) |      |
| MSD  | Trichloroethylene (TCE)         | 4   | 3.88 | 97.0  | ( 70.00 - 130.00 ) | 8.0  |
| LCS1 | Trichlorotrifluoroethane (Freon | 2   | 1.75 | 87.5  | ( 70.00 - 130.00 ) |      |
| MBLK | Trichlorotrifluoroethane (Freon | ND  |      |       |                    |      |
| MBLK | trans-1,3-Dichloropropene       | ND  |      |       |                    |      |
| LCS1 | Toluene                         | 4   | 3.96 | 99.0  | ( 70.00 - 130.00 ) |      |
| MBLK | Toluene                         | ND  |      |       |                    |      |
| MS   | Toluene                         | 4   | 3.86 | 96.5  | ( 70.00 - 130.00 ) |      |
| MSD  | Toluene                         | 4   | 3.73 | 93.2  | ( 70.00 - 130.00 ) | 3.4  |
| LCS1 | Vinyl chloride (VC)             | 2   | 2.42 | 121.0 | ( 70.00 - 130.00 ) |      |
| MBLK | Vinyl chloride (VC)             | ND  |      |       |                    |      |

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Laboratory

QC Report

#54848

Foster Wheeler Environmental, Inc  
(continued)

## QC Batch #97476

## Regulated VOCs plus Lists 1&amp;3

| QC   | Analyte                     | Spiked | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|-----------------------------|--------|-----------|-----------|--------------------|---------|
| MBLK | 1,1,1,2-Tetrachloroethane   | ND     |           |           |                    |         |
| LCS1 | 1,1,1-Trichloroethane       | 4      | 4.17      | 104.2     | ( 76.00 - 116.00 ) |         |
| MBLK | 1,1,1-Trichloroethane       | ND     |           |           |                    |         |
| LCS1 | 1,1,2,2-Tetrachloroethane   | 4      | 3.60      | 90.0      | ( 72.00 - 117.00 ) |         |
| MBLK | 1,1,2,2-Tetrachloroethane   | ND     |           |           |                    |         |
| LCS1 | 1,1,2-Trichloroethane       | 4      | 3.97      | 99.2      | ( 71.00 - 116.00 ) |         |
| MBLK | 1,1,2-Trichloroethane       | ND     |           |           |                    |         |
| LCS1 | 1,1-Dichloroethane          | 4      | 4.05      | 101.2     | ( 71.00 - 125.00 ) |         |
| MBLK | 1,1-Dichloroethane          | ND     |           |           |                    |         |
| LCS1 | 1,1-Dichloroethylene        | 4      | 3.47      | 86.8      | ( 70.00 - 130.00 ) |         |
| MBLK | 1,1-Dichloroethylene        | ND     |           |           |                    |         |
| MS   | 1,1-Dichloroethylene        | 4      | 4.67      | 116.8     | ( 70.00 - 130.00 ) |         |
| MSD  | 1,1-Dichloroethylene        | 4      | 4.95      | 123.8     | ( 70.00 - 130.00 ) | 5.8     |
| MBLK | 1,1-Dichloropropene         | ND     |           |           |                    |         |
| MBLK | 1,2,3-Trichlorobenzene      | ND     |           |           |                    |         |
| MBLK | 1,2,3-Trichloropropane      | ND     |           |           |                    |         |
| LCS1 | 1,2,4-Trichlorobenzene      | 4      | 4.02      | 100.5     | ( 76.00 - 114.00 ) |         |
| MBLK | 1,2,4-Trichlorobenzene      | ND     |           |           |                    |         |
| MBLK | 1,2,4-Trimethylbenzene      | ND     |           |           |                    |         |
| LCS1 | 1,2-Dichloroethane          | 4      | 3.99      | 99.8      | ( 75.00 - 120.00 ) |         |
| MBLK | 1,2-Dichloroethane          | ND     |           |           |                    |         |
| LCS1 | 1,2-Dichloropropane         | 4      | 3.95      | 98.8      | ( 77.00 - 122.00 ) |         |
| MBLK | 1,2-Dichloropropane         | ND     |           |           |                    |         |
| MBLK | 1,3,5-Trimethylbenzene      | ND     |           |           |                    |         |
| LCS1 | 1,3-Dichloropropane         | 8      | 7.74      | 96.8      | ( 70.00 - 130.00 ) |         |
| MBLK | 1,3-Dichloropropane         | ND     |           |           |                    |         |
| LCS1 | p-Dichlorobenzene (1,4-DCB) | 4      | 3.92      | 98.0      | ( 77.00 - 113.00 ) |         |
| MBLK | p-Dichlorobenzene (1,4-DCB) | ND     |           |           |                    |         |
| MBLK | 2,2-Dichloropropane         | ND     |           |           |                    |         |
| MBLK | 2-Butanone (MEK)            | ND     |           |           |                    |         |
| MBLK | 2-Chloroethylvinylether     | ND     |           |           |                    |         |
| MBLK | o-Chlorotoluene             | ND     |           |           |                    |         |

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**Laboratory****QC Report****#54848**Foster Wheeler Environmental, Inc  
(continued)

|      |                                 |          |         |       |                    |      |
|------|---------------------------------|----------|---------|-------|--------------------|------|
| MBLK | p-Chlorotoluene                 | ND       |         |       |                    |      |
| MBLK | 4-Methyl-2-Pentanone (MIBK)     | ND       |         |       |                    |      |
| MS   | Spiked sample                   | Lab # 99 | 0603162 |       | ( 0.00 - 0.00 )    |      |
| LCS1 | Benzene                         | 4        | 4.02    | 100.5 | ( 76.00 - 122.00 ) |      |
| MBLK | Benzene                         | ND       |         |       |                    |      |
| MS   | Benzene                         | 4        | 3.89    | 97.2  | ( 70.00 - 130.00 ) |      |
| MSD  | Benzene                         | 4        | 3.92    | 98.0  | ( 70.00 - 130.00 ) | 0.77 |
| MBLK | Bromobenzene                    | ND       |         |       |                    |      |
| MBLK | Bromomethane (Methyl Bromide)   | ND       |         |       |                    |      |
| LCS1 | cis-1,2-Dichloroethylene        | 4        | 3.79    | 94.8  | ( 70.00 - 130.00 ) |      |
| MBLK | cis-1,2-Dichloroethylene        | ND       |         |       |                    |      |
| LCS1 | Chlorobenzene                   | 4        | 3.96    | 99.0  | ( 70.00 - 130.00 ) |      |
| MBLK | Chlorobenzene                   | ND       |         |       |                    |      |
| MS   | Chlorobenzene                   | 4        | 4.00    | 100.0 | ( 70.00 - 130.00 ) |      |
| MSD  | Chlorobenzene                   | 4        | 4.02    | 100.5 | ( 70.00 - 130.00 ) | 0.50 |
| LCS1 | Carbon Tetrachloride            | 4        | 3.99    | 99.8  | ( 70.00 - 130.00 ) |      |
| MBLK | Carbon Tetrachloride            | ND       |         |       |                    |      |
| MBLK | cis-1,3-Dichloropropene         | ND       |         |       |                    |      |
| LCS1 | Bromoform                       | 8        | 6.41    | 80.1  | ( 70.00 - 130.00 ) |      |
| MBLK | Bromoform                       | ND       |         |       |                    |      |
| LCS1 | Chloroform (Trichloromethane)   | 4        | 3.92    | 98.0  | ( 70.00 - 130.00 ) |      |
| MBLK | Chloroform (Trichloromethane)   | ND       |         |       |                    |      |
| MBLK | Bromochloromethane              | ND       |         |       |                    |      |
| MBLK | Chloroethane                    | ND       |         |       |                    |      |
| MBLK | Chloromethane (Methyl Chloride) | ND       |         |       |                    |      |
| LCS1 | Chlorodibromomethane            | 4        | 3.47    | 86.8  | ( 70.00 - 130.00 ) |      |
| MBLK | Chlorodibromomethane            | ND       |         |       |                    |      |
| MBLK | Dibromomethane                  | ND       |         |       |                    |      |
| LCS1 | Bromodichloromethane            | 4        | 3.81    | 95.2  | ( 70.00 - 130.00 ) |      |
| MBLK | Bromodichloromethane            | ND       |         |       |                    |      |
| LCS1 | Dichloromethane                 | 4        | 2.96    | 74.0  | ( 70.00 - 130.00 ) |      |
| MBLK | Dichloromethane                 | ND       |         |       |                    |      |
| LCS1 | Ethyl benzene                   | 4        | 4.24    | 106.0 | ( 70.00 - 130.00 ) |      |
| MBLK | Ethyl benzene                   | ND       |         |       |                    |      |
| MBLK | Dichlorodifluoromethane         | ND       |         |       |                    |      |
| LCS1 | Fluorotrichloromethane-Freon11  | 2        | 2.18    | 109.0 | ( 70.00 - 130.00 ) |      |
| MBLK | Fluorotrichloromethane-Freon11  | ND       |         |       |                    |      |

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QC Report

#54848

Foster Wheeler Environmental, Inc  
(continued)

|      |                             |     |      |       |                    |      |
|------|-----------------------------|-----|------|-------|--------------------|------|
| MBLK | Hexachlorobutadiene         | ND  |      |       |                    |      |
| MBLK | Isopropylbenzene            | ND  |      |       |                    |      |
| MBLK | m-Dichlorobenzene (1,3-DCB) | ND  |      |       |                    |      |
| LCS1 | m,p-Xylenes                 | 8   | 8.18 | 102.2 | ( 70.00 - 130.00 ) |      |
| MBLK | m,p-Xylenes                 | ND  |      |       |                    |      |
| MBLK | Naphthalene                 | ND  |      |       |                    |      |
| MBLK | n-Butylbenzene              | ND  |      |       |                    |      |
| MBLK | n-Propylbenzene             | ND  |      |       |                    |      |
| LCS1 | o-Xylene                    | 4   | 4.15 | 103.8 | ( 70.00 - 130.00 ) |      |
| MBLK | o-Xylene                    | ND  |      |       |                    |      |
| LCS1 | o-Dichlorobenzene (1,2-DCB) | 4   | 3.83 | 95.8  | ( 70.00 - 130.00 ) |      |
| MBLK | o-Dichlorobenzene (1,2-DCB) | ND  |      |       |                    |      |
| LCS1 | Tetrachloroethylene (PCE)   | 4   | 4.14 | 103.5 | ( 70.00 - 130.00 ) |      |
| MBLK | Tetrachloroethylene (PCE)   | ND  |      |       |                    |      |
| MBLK | p-Isopropyltoluene          | ND  |      |       |                    |      |
| MBLK | sec-Butylbenzene            | ND  |      |       |                    |      |
| LCS1 | Styrene                     | 4   | 4.00 | 100.0 | ( 70.00 - 130.00 ) |      |
| MBLK | Styrene                     | ND  |      |       |                    |      |
| LCS1 | 1,2-dichloroethane-d4       | 100 | 103  | 103.0 | ( 80.00 - 120.00 ) |      |
| MBLK | 1,2-dichloroethane-d4       | 100 | 110  | 110.0 | ( 80.00 - 120.00 ) |      |
| MS   | 1,2-dichloroethane-d4       | 100 | 105  | 105.0 | ( 80.00 - 120.00 ) |      |
| MSD  | 1,2-dichloroethane-d4       | 100 | 111  | 111.0 | ( 80.00 - 120.00 ) | 5.6  |
| LCS1 | Toluene-d8                  | 100 | 107  | 107.0 | ( 80.00 - 120.00 ) |      |
| MBLK | Toluene-d8                  | 100 | 101  | 101.0 | ( 80.00 - 120.00 ) |      |
| MS   | Toluene-d8                  | 100 | 106  | 106.0 | ( 80.00 - 120.00 ) |      |
| MSD  | Toluene-d8                  | 100 | 105  | 105.0 | ( 80.00 - 120.00 ) | 0.95 |
| LCS1 | 4-Bromofluorobenzene        | 100 | 101  | 101.0 | ( 80.00 - 120.00 ) |      |
| MBLK | 4-Bromofluorobenzene        | 100 | 93.4 | 93.4  | ( 80.00 - 120.00 ) |      |
| MS   | 4-Bromofluorobenzene        | 100 | 101  | 101.0 | ( 80.00 - 120.00 ) |      |
| MSD  | 4-Bromofluorobenzene        | 100 | 105  | 105.0 | ( 80.00 - 120.00 ) | 3.9  |
| LCS1 | trans-1,2-Dichloroethylene  | 4   | 3.47 | 86.8  | ( 70.00 - 130.00 ) |      |
| MBLK | trans-1,2-Dichloroethylene  | ND  |      |       |                    |      |
| MBLK | tert-Butylbenzene           | ND  |      |       |                    |      |
| LCS1 | Trichloroethylene (TCE)     | 4   | 3.96 | 99.0  | ( 70.00 - 130.00 ) |      |
| MBLK | Trichloroethylene (TCE)     | ND  |      |       |                    |      |
| MS   | Trichloroethylene (TCE)     | 4   | 2.83 | 70.8  | ( 70.00 - 130.00 ) |      |
| MSD  | Trichloroethylene (TCE)     | 4   | 3.21 | 80.2  | ( 70.00 - 130.00 ) | 13   |

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 QC Report  
 #54848

Foster Wheeler Environmental, Inc  
 (continued)

|      |                                 |    |      |       |                    |      |
|------|---------------------------------|----|------|-------|--------------------|------|
| LCS1 | Trichlorotrifluoroethane (Freon | 2  | 1.75 | 87.5  | ( 70.00 - 130.00 ) |      |
| MBLK | Trichlorotrifluoroethane (Freon | ND |      |       |                    |      |
| MBLK | trans-1,3-Dichloropropene       | ND |      |       |                    |      |
| LCS1 | Toluene                         | 4  | 3.96 | 99.0  | ( 70.00 - 130.00 ) |      |
| MBLK | Toluene                         | ND |      |       |                    |      |
| MS   | Toluene                         | 4  | 4.06 | 101.5 | ( 70.00 - 130.00 ) |      |
| MSD  | Toluene                         | 4  | 4.06 | 101.5 | ( 70.00 - 130.00 ) | 0.00 |
| LCS1 | Vinyl chloride (VC)             | 2  | 2.42 | 121.0 | ( 70.00 - 130.00 ) |      |
| MBLK | Vinyl chloride (VC)             | ND |      |       |                    |      |

**QC Batch #97491****Chromium, Total, ICAP/MS**

| QC   | Analyte                  | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|--------------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample            | Lab # 99 | 0528140   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Chromium, Total, ICAP/MS | 100      | 93        | 93.0      | ( 85.00 - 115.00 ) |         |
| LCS2 | Chromium, Total, ICAP/MS | 100      | 100       | 100.0     | ( 85.00 - 115.00 ) | 7.3     |
| MBLK | Chromium, Total, ICAP/MS | ND       |           |           |                    |         |
| MS   | Chromium, Total, ICAP/MS | 100      | 99        | 99.0      | ( 77.00 - 119.00 ) |         |
| MSD  | Chromium, Total, ICAP/MS | 100      | 99        | 99.0      | ( 77.00 - 119.00 ) | 0.00    |

**QC Batch #97492****Iron, Total, ICAP/MS**

| QC   | Analyte              | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|----------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample        | Lab # 99 | 0528140   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Iron, Total, ICAP/MS | 500      | 480       | 96.0      | ( 85.00 - 115.00 ) |         |
| LCS2 | Iron, Total, ICAP/MS | 500      | 482       | 96.4      | ( 85.00 - 115.00 ) | 0.42    |
| MBLK | Iron, Total, ICAP/MS | ND       |           |           |                    |         |
| MS   | Iron, Total, ICAP/MS | 500      | 492       | 98.4      | ( 70.00 - 130.00 ) |         |
| MSD  | Iron, Total, ICAP/MS | 500      | 495       | 99.0      | ( 70.00 - 130.00 ) | 0.61    |

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QC Report

#54848

Foster Wheeler Environmental, Inc  
(continued)**QC Batch #97493****Lead, Total, ICAP/MS**

| QC   | Analyte              | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|----------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample        | Lab # 99 | 0528140   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Lead, Total, ICAP/MS | 20.0     | 20.4      | 102.0     | ( 87.00 - 108.00 ) |         |
| LCS2 | Lead, Total, ICAP/MS | 20.0     | 20.4      | 102.0     | ( 87.00 - 108.00 ) | 0.00    |
| MBLK | Lead, Total, ICAP/MS | ND       |           |           |                    |         |
| MS   | Lead, Total, ICAP/MS | 20.0     | 21.0      | 105.0     | ( 75.00 - 119.00 ) |         |
| MSD  | Lead, Total, ICAP/MS | 20.0     | 21.4      | 107.0     | ( 75.00 - 119.00 ) | 1.9     |

**QC Batch #97564****Alkalinity**

| QC   | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|---------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample | Lab # 99 | 0602126   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Alkalinity    | 96.2     | 97.4      | 101.2     | ( 96.00 - 107.00 ) |         |
| LCS2 | Alkalinity    | 96.2     | 98.1      | 102.0     | ( 96.00 - 107.00 ) | 0.72    |
| MBLK | Alkalinity    | ND       |           |           |                    |         |
| MS   | Alkalinity    | 96.2     | 90.2      | 93.8      | ( 80.00 - 120.00 ) |         |
| MSD  | Alkalinity    | 96.2     | 91.3      | 94.9      | ( 80.00 - 120.00 ) | 1.2     |

**QC Batch #97575****Chromium, Total, ICAP/MS**

| QC   | Analyte                  | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|--------------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample            | Lab # 99 | 0603162   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Chromium, Total, ICAP/MS | 100      | 99        | 99.0      | ( 85.00 - 115.00 ) |         |
| LCS2 | Chromium, Total, ICAP/MS | 100      | 105       | 105.0     | ( 85.00 - 115.00 ) | 5.9     |
| MBLK | Chromium, Total, ICAP/MS | ND       |           |           |                    |         |
| MS   | Chromium, Total, ICAP/MS | 100      | 103       | 103.0     | ( 77.00 - 119.00 ) |         |
| MSD  | Chromium, Total, ICAP/MS | 100      | 96        | 96.0      | ( 77.00 - 119.00 ) | 7.0     |

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QC Report

#54848

Foster Wheeler Environmental, Inc  
(continued)**QC Batch #97577****Iron, Total, ICAP/MS**

| QC   | Analyte              | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|----------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample        | Lab # 99 | 0603162   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Iron, Total, ICAP/MS | 500      | 509       | 101.8     | ( 85.00 - 115.00 ) |         |
| LCS2 | Iron, Total, ICAP/MS | 500      | 535       | 107.0     | ( 85.00 - 115.00 ) | 5.0     |
| MBLK | Iron, Total, ICAP/MS | ND       |           |           |                    |         |
| MS   | Iron, Total, ICAP/MS | 500      | 520       | 104.0     | ( 70.00 - 130.00 ) |         |
| MSD  | Iron, Total, ICAP/MS | 500      | 481       | 96.2      | ( 70.00 - 130.00 ) | 7.8     |

**QC Batch #97578****Lead, Total, ICAP/MS**

| QC   | Analyte              | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|----------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample        | Lab # 99 | 0603162   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Lead, Total, ICAP/MS | 20.0     | 21.5      | 107.5     | ( 87.00 - 108.00 ) |         |
| LCS2 | Lead, Total, ICAP/MS | 20.0     | 21.3      | 106.5     | ( 87.00 - 108.00 ) | 0.93    |
| MBLK | Lead, Total, ICAP/MS | ND       |           |           |                    |         |
| MS   | Lead, Total, ICAP/MS | 20.0     | 21.6      | 108.0     | ( 75.00 - 119.00 ) |         |
| MSD  | Lead, Total, ICAP/MS | 20.0     | 21.5      | 107.5     | ( 75.00 - 119.00 ) | 0.46    |

**QC Batch #97585****Arsenic, Total, GF**

| QC   | Analyte            | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|--------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample      | Lab # 99 | 0528140   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Arsenic, Total, GF | 0.020    | 0.0205    | 102.5     | ( 85.00 - 115.00 ) |         |
| LCS2 | Arsenic, Total, GF | 0.020    | 0.0197    | 98.5      | ( 85.00 - 115.00 ) | 4.0     |
| MBLK | Arsenic, Total, GF | ND       |           |           |                    |         |
| MS   | Arsenic, Total, GF | 0.020    | 0.0209    | 104.5     | ( 70.00 - 130.00 ) |         |
| MSD  | Arsenic, Total, GF | 0.020    | 0.0209    | 104.5     | ( 70.00 - 130.00 ) | 0.00    |

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QC Report

#54848

Foster Wheeler Environmental, Inc  
(continued)**QC Batch #97589****Total Dissolved Solid (TDS)**

| QC   | Analyte                     | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|-----------------------------|----------|-----------|-----------|--------------------|---------|
| DUP  | Spiked sample               | Lab # 99 | 0604009   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Total Dissolved Solid (TDS) | 175      | 168       | 96.0      | ( 85.00 - 115.00 ) |         |
| LCS2 | Total Dissolved Solid (TDS) | 700      | 660       | 94.3      | ( 85.00 - 115.00 ) |         |
| MBLK | Total Dissolved Solid (TDS) | ND       |           |           |                    |         |

**QC Batch #97591****Total Dissolved Solid (TDS)**

| QC   | Analyte                     | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|-----------------------------|----------|-----------|-----------|--------------------|---------|
| DUP  | Spiked sample               | Lab # 99 | 0603161   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Total Dissolved Solid (TDS) | 175      | 172       | 98.3      | ( 85.00 - 115.00 ) |         |
| LCS2 | Total Dissolved Solid (TDS) | 700      | 680       | 97.1      | ( 85.00 - 115.00 ) |         |
| MBLK | Total Dissolved Solid (TDS) | ND       |           |           |                    |         |

**QC Batch #97613****Calcium, Total, ICAP**

| QC   | Analyte              | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|----------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample        | Lab # 99 | 0602124   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Calcium, Total, ICAP | 50       | 51.8      | 103.6     | ( 85.00 - 115.00 ) |         |
| LCS2 | Calcium, Total, ICAP | 50       | 52.4      | 104.8     | ( 85.00 - 115.00 ) | 1.2     |
| MBLK | Calcium, Total, ICAP | ND       |           |           |                    |         |
| MS   | Calcium, Total, ICAP | 50       | 50.6      | 101.2     | ( 70.00 - 130.00 ) |         |
| MSD  | Calcium, Total, ICAP | 50       | 49.2      | 98.4      | ( 70.00 - 130.00 ) | 2.8     |

**QC Batch #97616****Potassium, Total, ICAP**

| QC   | Analyte                | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|------------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample          | Lab # 99 | 0602124   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Potassium, Total, ICAP | 20       | 20.6      | 103.0     | ( 80.00 - 110.00 ) |         |
| LCS2 | Potassium, Total, ICAP | 20       | 21.1      | 105.5     | ( 80.00 - 110.00 ) | 2.4     |

Spikes which exceed Limits and Method Blanks with positive results are highlighted by Underlining.  
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**Laboratory****QC Report****#54848**Foster Wheeler Environmental, Inc  
(continued)

|      |                        |    |      |       |                    |     |
|------|------------------------|----|------|-------|--------------------|-----|
| MBLK | Potassium, Total, ICAP | ND |      |       |                    |     |
| MS   | Potassium, Total, ICAP | 20 | 20.6 | 103.0 | ( 80.00 - 120.00 ) |     |
| MSD  | Potassium, Total, ICAP | 20 | 20.1 | 100.5 | ( 80.00 - 120.00 ) | 2.5 |

**QC Batch #97620****Magnesium, Total, ICAP**

| QC   | Analyte                | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|------------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample          | Lab # 99 | 0602124   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Magnesium, Total, ICAP | 20       | 20.8      | 104.0     | ( 97.00 - 115.00 ) |         |
| LCS2 | Magnesium, Total, ICAP | 20       | 21.1      | 105.5     | ( 97.00 - 115.00 ) | 1.4     |
| MBLK | Magnesium, Total, ICAP | ND       |           |           |                    |         |
| MS   | Magnesium, Total, ICAP | 20       | 20.5      | 102.5     | ( 74.00 - 130.00 ) |         |
| MSD  | Magnesium, Total, ICAP | 20       | 19.9      | 99.5      | ( 74.00 - 130.00 ) | 3.0     |

**QC Batch #97623****Sodium, Total, ICAP**

| QC   | Analyte             | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|---------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample       | Lab # 99 | 0602124   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Sodium, Total, ICAP | 50       | 52.6      | 105.2     | ( 94.00 - 112.00 ) |         |
| LCS2 | Sodium, Total, ICAP | 50       | 53.2      | 106.4     | ( 94.00 - 112.00 ) | 1.1     |
| MBLK | Sodium, Total, ICAP | ND       |           |           |                    |         |
| MS   | Sodium, Total, ICAP | 50       | 51.7      | 103.4     | ( 82.00 - 114.00 ) |         |
| MSD  | Sodium, Total, ICAP | 50       | 50.3      | 100.6     | ( 82.00 - 114.00 ) | 2.7     |

**QC Batch #97624****Regulated VOCs plus Lists 1&3**

| QC   | Analyte                   | Spiked | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|---------------------------|--------|-----------|-----------|--------------------|---------|
| MBLK | 1,1,1,2-Tetrachloroethane | ND     |           |           |                    |         |
| LCS1 | 1,1,1-Trichloroethane     | 4      | 4.13      | 103.2     | ( 76.00 - 116.00 ) |         |
| MBLK | 1,1,1-Trichloroethane     | ND     |           |           |                    |         |
| LCS1 | 1,1,2,2-Tetrachloroethane | 4      | 3.90      | 97.5      | ( 72.00 - 117.00 ) |         |
| MBLK | 1,1,2,2-Tetrachloroethane | ND     |           |           |                    |         |
| LCS1 | 1,1,2-Trichloroethane     | 4      | 3.98      | 99.5      | ( 71.00 - 116.00 ) |         |
| MBLK | 1,1,2-Trichloroethane     | ND     |           |           |                    |         |

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**Laboratory****QC Report****#54848****Foster Wheeler Environmental, Inc**  
(continued)

|      |                               |          |         |       |                    |      |
|------|-------------------------------|----------|---------|-------|--------------------|------|
| LCS1 | 1,1-Dichloroethane            | 4        | 4.02    | 100.5 | ( 71.00 - 125.00 ) |      |
| MBLK | 1,1-Dichloroethane            | ND       |         |       |                    |      |
| LCS1 | 1,1-Dichloroethylene          | 4        | 4.07    | 101.8 | ( 70.00 - 130.00 ) |      |
| MBLK | 1,1-Dichloroethylene          | ND       |         |       |                    |      |
| MS   | 1,1-Dichloroethylene          | 4        | 4.67    | 116.8 | ( 70.00 - 130.00 ) |      |
| MSD  | 1,1-Dichloroethylene          | 4        | 4.95    | 123.8 | ( 70.00 - 130.00 ) | 5.8  |
| MBLK | 1,1-Dichloropropene           | ND       |         |       |                    |      |
| MBLK | 1,2,3-Trichlorobenzene        | ND       |         |       |                    |      |
| MBLK | 1,2,3-Trichloropropane        | ND       |         |       |                    |      |
| LCS1 | 1,2,4-Trichlorobenzene        | 4        | 3.98    | 99.5  | ( 76.00 - 114.00 ) |      |
| MBLK | 1,2,4-Trichlorobenzene        | ND       |         |       |                    |      |
| MBLK | 1,2,4-Trimethylbenzene        | ND       |         |       |                    |      |
| LCS1 | 1,2-Dichloroethane            | 4        | 4.06    | 101.5 | ( 75.00 - 120.00 ) |      |
| MBLK | 1,2-Dichloroethane            | ND       |         |       |                    |      |
| LCS1 | 1,2-Dichloropropane           | 4        | 3.73    | 93.2  | ( 77.00 - 122.00 ) |      |
| MBLK | 1,2-Dichloropropane           | ND       |         |       |                    |      |
| MBLK | 1,3,5-Trimethylbenzene        | ND       |         |       |                    |      |
| LCS1 | 1,3-Dichloropropane           | 8        | 7.75    | 96.9  | ( 70.00 - 130.00 ) |      |
| MBLK | 1,3-Dichloropropane           | ND       |         |       |                    |      |
| LCS1 | p-Dichlorobenzene (1,4-DCB)   | 4        | 4.06    | 101.5 | ( 77.00 - 113.00 ) |      |
| MBLK | p-Dichlorobenzene (1,4-DCB)   | ND       |         |       |                    |      |
| MBLK | 2,2-Dichloropropane           | ND       |         |       |                    |      |
| MBLK | 2-Butanone (MEK)              | ND       |         |       |                    |      |
| MBLK | 2-Chloroethylvinylether       | ND       |         |       |                    |      |
| MBLK | o-Chlorotoluene               | ND       |         |       |                    |      |
| MBLK | p-Chlorotoluene               | ND       |         |       |                    |      |
| MBLK | 4-Methyl-2-Pentanone (MIBK)   | ND       |         |       |                    |      |
| MS   | Spiked sample                 | Lab # 99 | 0603162 |       | ( 0.00 - 0.00 )    |      |
| LCS1 | Benzene                       | 4        | 4.08    | 102.0 | ( 76.00 - 122.00 ) |      |
| MBLK | Benzene                       | ND       |         |       |                    |      |
| MS   | Benzene                       | 4        | 3.89    | 97.2  | ( 70.00 - 130.00 ) |      |
| MSD  | Benzene                       | 4        | 3.92    | 98.0  | ( 70.00 - 130.00 ) | 0.77 |
| MBLK | Bromobenzene                  | ND       |         |       |                    |      |
| MBLK | Bromomethane (Methyl Bromide) | ND       |         |       |                    |      |
| LCS1 | cis-1,2-Dichloroethylene      | 4        | 4.00    | 100.0 | ( 75.00 - 124.00 ) |      |
| MBLK | cis-1,2-Dichloroethylene      | ND       |         |       |                    |      |
| LCS1 | Chlorobenzene                 | 4        | 3.89    | 97.2  | ( 70.00 - 117.00 ) |      |

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Laboratory

QC Report

#54848

Foster Wheeler Environmental, Inc  
(continued)

|      |                                 |    |      |              |                    |      |
|------|---------------------------------|----|------|--------------|--------------------|------|
| MBLK | Chlorobenzene                   | ND |      |              |                    |      |
| MS   | Chlorobenzene                   | 4  | 4.00 | 100.0        | ( 70.00 - 130.00 ) |      |
| MSD  | Chlorobenzene                   | 4  | 4.02 | 100.5        | ( 70.00 - 130.00 ) | 0.50 |
| LCS1 | Carbon Tetrachloride            | 4  | 4.08 | 102.0        | ( 70.00 - 130.00 ) |      |
| MBLK | Carbon Tetrachloride            | ND |      |              |                    |      |
| MBLK | cis-1,3-Dichloropropene         | ND |      |              |                    |      |
| LCS1 | Bromoform                       | 4  | 2.93 | 73.2         | ( 70.00 - 130.00 ) |      |
| MBLK | Bromoform                       | ND |      |              |                    |      |
| LCS1 | Chloroform (Trichloromethane)   | 4  | 3.95 | 98.8         | ( 74.00 - 124.00 ) |      |
| MBLK | Chloroform (Trichloromethane)   | ND |      |              |                    |      |
| MBLK | Bromochloromethane              | ND |      |              |                    |      |
| MBLK | Chloroethane                    | ND |      |              |                    |      |
| MBLK | Chloromethane (Methyl Chloride) | ND |      |              |                    |      |
| LCS1 | Chlorodibromomethane            | 4  | 3.55 | 88.8         | ( 70.00 - 130.00 ) |      |
| MBLK | Chlorodibromomethane            | ND |      |              |                    |      |
| MBLK | Dibromomethane                  | ND |      |              |                    |      |
| LCS1 | Bromodichloromethane            | 4  | 3.90 | 97.5         | ( 70.00 - 116.00 ) |      |
| MBLK | Bromodichloromethane            | ND |      |              |                    |      |
| LCS1 | Dichloromethane                 | 4  | 3.10 | 77.5         | ( 70.00 - 130.00 ) |      |
| MBLK | Dichloromethane                 | ND |      |              |                    |      |
| LCS1 | Ethyl benzene                   | 4  | 3.98 | 99.5         | ( 70.00 - 130.00 ) |      |
| MBLK | Ethyl benzene                   | ND |      |              |                    |      |
| MBLK | Dichlorodifluoromethane         | ND |      |              |                    |      |
| LCS1 | Fluorotrichloromethane-Freon11  | 2  | 2.42 | <u>121.0</u> | ( 71.00 - 118.00 ) |      |
| MBLK | Fluorotrichloromethane-Freon11  | ND |      |              |                    |      |
| MBLK | Hexachlorobutadiene             | ND |      |              |                    |      |
| MBLK | Isopropylbenzene                | ND |      |              |                    |      |
| MBLK | m-Dichlorobenzene (1,3-DCB)     | ND |      |              |                    |      |
| LCS1 | m,p-Xylenes                     | 8  | 8.00 | 100.0        | ( 74.00 - 116.00 ) |      |
| MBLK | m,p-Xylenes                     | ND |      |              |                    |      |
| MBLK | Naphthalene                     | ND |      |              |                    |      |
| MBLK | n-Butylbenzene                  | ND |      |              |                    |      |
| MBLK | n-Propylbenzene                 | ND |      |              |                    |      |
| LCS1 | o-Xylene                        | 4  | 4.06 | 101.5        | ( 72.00 - 118.00 ) |      |
| MBLK | o-Xylene                        | ND |      |              |                    |      |
| LCS1 | o-Dichlorobenzene (1,2-DCB)     | 4  | 3.88 | 97.0         | ( 76.00 - 114.00 ) |      |
| MBLK | o-Dichlorobenzene (1,2-DCB)     | ND |      |              |                    |      |

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**Laboratory****QC Report****#54848****Foster Wheeler Environmental, Inc  
(continued)**

|      |                                 |     |      |       |                    |      |
|------|---------------------------------|-----|------|-------|--------------------|------|
| LCS1 | Tetrachloroethylene (PCE)       | 4   | 4.02 | 100.5 | ( 71.00 - 115.00 ) |      |
| MBLK | Tetrachloroethylene (PCE)       | ND  |      |       |                    |      |
| MBLK | p-Isopropyltoluene              | ND  |      |       |                    |      |
| MBLK | sec-Butylbenzene                | ND  |      |       |                    |      |
| LCS1 | Styrene                         | 4   | 4.04 | 101.0 | ( 70.00 - 130.00 ) |      |
| MBLK | Styrene                         | ND  |      |       |                    |      |
| LCS1 | 1,2-dichloroethane-d4           | 100 | 105  | 105.0 | ( 80.00 - 127.00 ) |      |
| MBLK | 1,2-dichloroethane-d4           | 100 | 110  | 110.0 |                    |      |
| MS   | 1,2-dichloroethane-d4           | 100 | 105  | 105.0 | ( 80.00 - 127.00 ) |      |
| MSD  | 1,2-dichloroethane-d4           | 100 | 111  | 111.0 | ( 80.00 - 127.00 ) | 5.6  |
| LCS1 | Toluene-d8                      | 100 | 101  | 101.0 | ( 91.00 - 107.00 ) |      |
| MBLK | Toluene-d8                      | 100 | 102  | 102.0 |                    |      |
| MS   | Toluene-d8                      | 100 | 106  | 106.0 | ( 91.00 - 107.00 ) |      |
| MSD  | Toluene-d8                      | 100 | 105  | 105.0 | ( 91.00 - 107.00 ) | 0.95 |
| LCS1 | 4-Bromofluorobenzene            | 100 | 101  | 101.0 | ( 82.00 - 119.00 ) |      |
| MBLK | 4-Bromofluorobenzene            | 100 | 97.5 | 97.5  |                    |      |
| MS   | 4-Bromofluorobenzene            | 100 | 101  | 101.0 | ( 82.00 - 119.00 ) |      |
| MSD  | 4-Bromofluorobenzene            | 100 | 105  | 105.0 | ( 82.00 - 119.00 ) | 3.9  |
| LCS1 | trans-1,2-Dichloroethylene      | 4   | 3.98 | 99.5  | ( 70.00 - 130.00 ) |      |
| MBLK | trans-1,2-Dichloroethylene      | ND  |      |       |                    |      |
| MBLK | tert-Butylbenzene               | ND  |      |       |                    |      |
| LCS1 | Trichloroethylene (TCE)         | 4   | 4.00 | 100.0 | ( 72.00 - 117.00 ) |      |
| MBLK | Trichloroethylene (TCE)         | ND  |      |       |                    |      |
| MS   | Trichloroethylene (TCE)         | 4   | 2.83 | 70.8  | ( 70.00 - 130.00 ) |      |
| MSD  | Trichloroethylene (TCE)         | 4   | 3.21 | 80.2  | ( 70.00 - 130.00 ) | 13   |
| LCS1 | Trichlorotrifluoroethane (Freon | 2   | 1.72 | 86.0  | ( 70.00 - 130.00 ) |      |
| MBLK | Trichlorotrifluoroethane (Freon | ND  |      |       |                    |      |
| MBLK | trans-1,3-Dichloropropene       | ND  |      |       |                    |      |
| LCS1 | Toluene                         | 4   | 4.10 | 102.5 | ( 74.00 - 117.00 ) |      |
| MBLK | Toluene                         | ND  |      |       |                    |      |
| MS   | Toluene                         | 4   | 4.06 | 101.5 | ( 70.00 - 130.00 ) |      |
| MSD  | Toluene                         | 4   | 4.06 | 101.5 | ( 70.00 - 130.00 ) | 0.00 |
| LCS1 | Vinyl chloride (VC)             | 2   | 2.09 | 104.5 | ( 70.00 - 130.00 ) |      |
| MBLK | Vinyl chloride (VC)             | ND  |      |       |                    |      |

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**Laboratory****QC Report****#54848**Foster Wheeler Environmental, Inc  
(continued)**QC Batch #97632****1,4-Dioxane**

| QC   | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|---------------|----------|-----------|-----------|--------------------|---------|
| LCS1 | 1,4-Dioxane   | 10       | 9.55      | 95.5      | ( 70.00 - 130.00 ) |         |
| MBLK | 1,4-Dioxane   | ND       |           |           |                    |         |
| MS   | 1,4-Dioxane   | 10       | 11.1      | 111.0     | ( 70.00 - 130.00 ) |         |
| MSD  | 1,4-Dioxane   | 10       | 10.5      | 105.0     | ( 70.00 - 130.00 ) | 5.6     |
| MS   | Spiked sample | Lab # 99 | 0604129   |           | ( 0.00 - 0.00 )    |         |

**QC Batch #97644****Perchlorate**

| QC   | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|---------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample | Lab # 99 | 0528139   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Perchlorate   | 20.0     | 21        | 105.0     | ( 90.00 - 110.00 ) |         |
| LCS2 | Perchlorate   | 20.0     | 20.6      | 103.0     | ( 90.00 - 110.00 ) | 1.9     |
| MBLK | Perchlorate   | ND       |           |           |                    |         |
| MS   | Perchlorate   | 20.0     | 21.1      | 105.5     | ( 75.00 - 125.00 ) |         |
| MSD  | Perchlorate   | 20.0     | 21.7      | 108.5     | ( 75.00 - 125.00 ) | 2.8     |

**QC Batch #97711****Perchlorate**

| QC   | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|---------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample | Lab # 99 | 0603162   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Perchlorate   | 20.0     | 20        | 100.0     | ( 90.00 - 110.00 ) |         |
| LCS2 | Perchlorate   | 20.0     | 20.8      | 104.0     | ( 90.00 - 110.00 ) | 3.9     |
| MBLK | Perchlorate   | ND       |           |           |                    |         |

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Laboratory

QC Report

#54848

Foster Wheeler Environmental, Inc  
(continued)**QC Batch #97735****Arsenic, Total, GF**

| QC   | Analyte            | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|--------------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample      | Lab # 99 | 0603162   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Arsenic, Total, GF | 0.020    | 0.0208    | 104.0     | ( 85.00 - 115.00 ) |         |
| LCS2 | Arsenic, Total, GF | 0.020    | 0.0207    | 103.5     | ( 85.00 - 115.00 ) | 0.48    |
| MBLK | Arsenic, Total, GF | ND       |           |           |                    |         |
| MS   | Arsenic, Total, GF | 0.020    | 0.0222    | 111.0     | ( 70.00 - 130.00 ) |         |
| MSD  | Arsenic, Total, GF | 0.020    | 0.0226    | 113.0     | ( 70.00 - 130.00 ) | 1.8     |

**QC Batch #97887****Perchlorate**

| QC   | Analyte       | Spiked   | Recovered | Yield (%) | Limits (%)         | RPD (%) |
|------|---------------|----------|-----------|-----------|--------------------|---------|
| MS   | Spiked sample | Lab # 99 | 0604127   |           | ( 0.00 - 0.00 )    |         |
| LCS1 | Perchlorate   | 20.0     | 19.7      | 98.5      | ( 90.00 - 110.00 ) |         |
| LCS2 | Perchlorate   | 20.0     | 18.4      | 92.0      | ( 90.00 - 110.00 ) | 6.8     |
| MBLK | Perchlorate   | ND       |           |           |                    |         |
| MS   | Perchlorate   | 20.0     | 20.5      | 102.5     | ( 75.00 - 125.00 ) |         |
| MSD  | Perchlorate   | 20.0     | 20.6      | 103.0     | ( 75.00 - 125.00 ) | 0.49    |

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## MONTGOMERY WATSON LABORATORIES

Quality Environmental Analysis

A division of Montgomery Watson Americas, Inc.  
June 29, 1999

Foster Wheeler Environmental  
611 Anton Blvd, Suite 800  
Costa Mesa, CA 92626

Attention: Mark Cutler

Re: Report # 54879 (MW-992-109, MW-992-031, MW-992-032,  
MW-992-015, MW-992-200, MW-992-039)

Sampled: 6/04/99

Dear Mark,

Enclosed please find data deliverables for the recent JPL project. A detailed quality control (QC) summary follows:

### Non-conformance (LCS, MS/MSD, Surrogates, and Holding Times)

Nitrate: MWL internal control limits based on recent control charts are 94-106%. The LCS recovered at 106.4%. The method limits are 90-110%. The LCS is within these limits. Results are reported without qualifications.

MW-992-039: Nitrate is reported from the diluted run outside Holding Time, HT. The highest standard is 10 ppm. The original run within HT of exceeded the linear range at 15ppm and is not supported by the CATION/ANION balance. The result obtained on 6/17/99 with dilution is reported, since it is supported by the CATION/ANION balance, and is flagged "E".

### Samples requiring dilution (with increased MRL's):

MW-992-039 was diluted for Nitrate outside of HT.

MW-992-039 was diluted for Chloroform, Carbon Tetrachloride, and Perchlorate.

MW-992-015 was diluted for Carbon Tetrachloride and Perchlorate.

MW-992-032 was diluted for Trichloroethylene and Perchlorate.

MW-992-031 was diluted for Trichloroethylene, Perchlorate and Anions.

### Method blanks with compounds detected:

None

### Comments:

1,4-Dioxane was detected in MW-992-039

1,1-Dichloroethylene was detected in MW-992-031, -032, -039

1,2-Dichloroethane was detected in MW-992-031, -032, -039

Carbon Tetrachloride was detected in MW-992-031, -032, -015, -039

Chloroform was detected in MW-992-031, -032, -015, -200, -039

Fluorotrichloromethane was detected in MW-992-039

Tetrachloroethylene was detected in MW-992-031, -032, -039

Trichloroethylene was detected in MW-992-031, -032, -015, -039

Trichlorotrifluoroethane was detected in MW-992-031, -032, -015, -039

Chromium was detected in MW-992-031, -032, -015

Hexavalent Chrome was detected in MW-992-031, -032

Perchlorate was detected in MW-992-031, -032, -015, -039

### TIC's:

None

### Method Variance:

None

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Tel: 925 274 2322  
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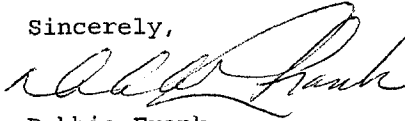
Southern California Service Center  
30 Corporate Park - Suite 302  
Irvine, California 92606  
Tel: 949 222 1845  
Fax: 949 222 1849

**Other Comments:**

A QC check on the ASTM type II water supplied for the equipment rinse did not contain Methylene Chloride, but did contain detectable levels of Chloroform at 1.3 ug/L. No Methylene Chloride or Chloroform was detected in the method blank QC. Chloroform concentrations detected in the field samples, up to and including the level detected in the rinse water, may be an artifact of the rinse water.

ASTM type II water does not have specifications for volatiles. Foster Wheeler Environmental Corporation may want to consider the use of 'volatile free' water, if the trace chloroform poses problems. The Stationary Blank, SB, which was purged at the time of preparation, did not contain either compound. Volatile free water, would be substantially more expensive, due to the need to purge the water and the difficulty of preparing it in large quantities.

Sincerely,



Debbie Frank  
Project Manager

cc: Judy Novelly (JPL)

**Montgomery Watson Laboratories**  
, Los Angeles, CA 90051-3508  
PHONE: 626-568-6400/FAX: 626-568-6324

ACKNOWLEDGMENT OF SAMPLES RECEIVED

Foster Wheeler Environmental, Inc  
611 Anton Boulevard  
Suite 800  
Costa Mesa, CA 92626  
Attn: Mark Cutler

Customer Code: ENSERCH  
PO#: Sub PO#007618-0006  
Group#: 54879  
Project#: JPL  
Proj Mgr: Debbie Frank  
Phone: (714) 444-5526

The following samples were received from you on 06/04/99. They have been scheduled for the tests listed beside each sample. If this information is incorrect, please contact your service representative. Thank you for using Montgomery Watson Laboratories.

| Sample#   | Sample Id  | Tests Scheduled                                                                                                                 | Matrix | Sample Date |
|-----------|------------|---------------------------------------------------------------------------------------------------------------------------------|--------|-------------|
| 990604126 | MW-992-109 | @EBASVOA                                                                                                                        | Water  | 06/04/99    |
| 990604127 | MW-992-031 | @DIOXANE @EBASVOA CR-VI PB-EBAS CR-EBAS<br>AS-EBAS TDS CATION1 ANION1 PH EC<br>HCO3 CO3 ALK NO3 SO4 CL<br>FE-MS K NA MG CA CLO4 | Water  | 06/04/99    |
| 990604128 | MW-992-032 | @EBASVOA CLO4 AS-EBAS CR-EBAS PB-EBAS<br>CR-VI                                                                                  | Water  | 06/04/99    |
| 990604129 | MW-992-015 | @DIOXANE @EBASVOA CR-VI PB-EBAS CR-EBAS<br>AS-EBAS TDS CATION1 ANION1 PH EC<br>HCO3 CO3 ALK NO3 SO4 CL<br>FE-MS K NA MG CA CLO4 | Water  | 06/04/99    |
| 990604130 | MW-992-200 | @EBASVOA AS-EBAS CR-EBAS PB-EBAS CR-VI<br>CLO4                                                                                  | Water  | 06/04/99    |
| 990604131 | MW-992-039 | @DIOXANE @EBASVOA CR-VI PB-EBAS CR-EBAS<br>AS-EBAS TDS CATION1 ANION1 PH EC<br>HCO3 CO3 ALK NO3 SO4 CL<br>FE-MS K NA MG CA CLO4 | Water  | 06/04/99    |

Test Acronym Description

| Test Acronym | Description                   |
|--------------|-------------------------------|
| @DIOXANE     | 1,4-Dioxane                   |
| @EBASVOA     | Regulated VOCs plus Lists 1&3 |
| ALK          | Alkalinity                    |
| ANION1       | Anion Sum                     |
| AS-EBAS      | Arsenic, Total, GF            |

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Test Acronym Description

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| Test Acronym | Description |
|--------------|-------------|
|--------------|-------------|

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|         |                                 |
|---------|---------------------------------|
| CA      | Calcium, Total, ICAP            |
| CATION1 | Cation Sum                      |
| CL      | Chloride                        |
| CLO4    | Perchlorate                     |
| CO3     | Carbonate as CO3, Calculated    |
| CR-EBAS | Chromium, Total, ICAP/MS        |
| CR-VI   | Hexavalent chromium (Cr VI)     |
| EC      | Specific Conductance            |
| FE-MS   | Iron, Total, ICAP/MS            |
| HCO3    | Bicarbonate as HCO3, calculated |
| K       | Potassium, Total, ICAP          |
| MG      | Magnesium, Total, ICAP          |
| NA      | Sodium, Total, ICAP             |
| NO3     | Nitrate-N by IC                 |
| PB-EBAS | Lead, Total, ICAP/MS            |
| PH      | Lab pH                          |
| SO4     | Sulfate                         |
| TDS     | Total Dissolved Solid (TDS)     |