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Loureiro Engineering Associates, Inc.

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2002 ANNUAL POST REMEDIATION MAINTENANCE & GROUNDWATER MONITORING REPORT

United Technologies Corporation
Pratt & Whitney
Willow Brook and Willow Brook Pond
East Hartford, CT

RCRA RECORDS CENTER
FACILITY Pratt & Whitney
I.D. NO. CTD990672081
FILE LOC. R-2
OTHER

January 2003

PREPARED FOR:

UNITED TECHNOLOGIES CORPORATION
One Financial Plaza
Hartford, Connecticut 06101

PREPARED BY:

Loureiro Engineering Associates, Inc.
100 Northwest Drive
Plainville, Connecticut 06062
An Employee Owned Company

Comm. No. 88UT103.001

Pratt & Whitney
400 Main Street
East Hartford, CT 06108

Pratt & Whitney
A United Technologies Company

January 31, 2003

State of Connecticut
Department of Environmental Protection
Bureau of Water Management
Permitting, Enforcement & Remediation Division
79 Elm Street
Hartford, CT 06106-5127

Pratt & Whitney
CTD990672081
R-2

Attn: Richard C. Hathaway, Jr., L.E.P.

RE: CONSENT ORDER SRD-130
UNITED TECHNOLOGIES CORPORATION
PRATT & WHITNEY DIVISION
POST REMEDIATION MAINTENANCE AND MONITORING

Dear Mr. Hathaway:

I have personally examined and am familiar with the information submitted in this document and all attachments thereto, and I certify, based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, that the submitted information is true, accurate and complete to the best of my knowledge and belief. I understand that any false statement made in the submitted information is punishable as a criminal offense under §53-a-157b of the Connecticut General Statues and any other applicable law.

Sincerely,

UNITED TECHNOLOGIES CORPORATION
PRATT & WHITNEY DIVISION

Lorin Sodell
Director, Facilities & Services

Attachment

cc: Lauren Levine, UTC
Brian Cutler, LEA
Juan Perez, EPA

January 31, 2003

State of Connecticut
Department of Environmental Protection
Bureau of Water Management
Permitting, Enforcement and Remediation Bureau
79 Elm Street
Hartford, CT 06016-5127

Pratt & Whitney
CTD990675081
R-2

Attn: Richard C. Hathaway, Jr., L.E.P.

RE: CONSENT ORDER SRD-130
UNITED TECHNOLOGIES CORPORATION
PRATT & WHITNEY DIVISION
POST REMEDIATION MAINTENANCE AND MONITORING

Dear Mr. Hathaway:

In accordance with Paragraph B.1.e of the above referenced Consent order, attached please find the 2002 Annual Post Remediation Maintenance and Groundwater Monitoring Report for Willow Brook and Willow Brook Pond. The maintenance and monitoring activities were initiated following the August 31, 2002 completion of remediation activities. In accordance with Paragraph B.8 of the above referenced Consent order, I hereby certify that:

I *have personally examined and am familiar with the information submitted in this document and all attachments thereto, and I certify, based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, that the submitted information is true, accurate and complete to the best of my knowledge and belief. I understand that any false statement made in the submitted information is punishable as a criminal offense under §53-a-157b of the Connecticut General Statues and any other applicable law.*

If you should have any questions or comments, please contact me or Lauren Levine of United Technologies Corporation at (860) 728-6520.

Sincerely,

LOUREIRO ENGINEERING ASSOCIATES, INC.

for Brian Cutler

Brian A. Cutler, P.E., L.E.P.
Senior Vice President

Attachment

A:\PROG2.WPD

RCRA RECORDS CENTER
FACILITY Pratt & Whitney
I.D. NO. CTD990672081
FILE LOC. R-2
OTHER

2002 ANNUAL POST REMEDIATION MAINTENANCE AND GROUNDWATER MONITORING REPORT

United Technologies Corporation
Pratt & Whitney
Willow Brook and Willow Brook Pond
East Hartford, CT

January 2003

Prepared for

UNITED TECHNOLOGIES CORPORATION
One Financial Plaza
Hartford, CT 06101

Prepared by

LOUREIRO ENGINEERING ASSOCIATES, INC.
100 Northwest Drive
Plainville, CT 06062
An Employee Owned Company

Comm. No. 88UT103.001

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APPENDICES

Appendix A Copies of Field Paperwork
Appendix B Copies of Laboratory Reports
Appendix C Post-Remediation Maintenance Monitoring Forms

ACRONYMS

CT ETPH	Connecticut Extractable Total Petroleum Hydrocarbons
DEP	Connecticut Department of Environmental Protection
EPA	United States Environmental Protection Agency
ERA	Environmental Resource Associates
ETAL	Experimental Testing Laboratory
GB PMC	GB Pollutant Mobility Criteria
GWPC	Groundwater Protection Criteria
IDEC	Industrial/Commercial Direct Exposure Criteria
IVC	Industrial/Commercial Volatilization Criteria
LEA	Loureiro Engineering Associates, Inc.
NOV	Notice of Violation
PCBs	Polychlorinated Biphenyls
QA/QC	Quality Assurance/Quality Control
RAWP	Remedial Action Work Plan
RCRA	Resource Conservation and Recovery Act
RCSA	Regulations of Connecticut State Agencies
RDEC	Residential Direct Exposure Criteria
RPD	Relative Percent Difference
RSRs	Remediation Standard Regulations
RVC	Residential Volatilization Criteria
SWPC	Surface Water Protection Criteria
UTC	United Technologies Corporation
VC	Volatilization Criteria
VOCs	Volatile Organic Compounds

UNITS

mg/kg	milligrams per kilogram
mg/l	milligrams per liter
µg/l	micrograms per liter
ppm	part per million

1. INTRODUCTION

United Technologies Corporation (UTC)/Pratt & Whitney Division retained Loureiro Engineering Associates, Inc. (LEA), to design and perform the remediation of polychlorinated biphenyl (PCB) contaminated soil and sediment within and immediately surrounding Willow Brook and Willow Brook Pond at the UTC/Pratt & Whitney manufacturing facility in East Hartford, Connecticut. The project was undertaken to satisfy the requirements of Consent Order SRD-130.

The following report has been prepared in accordance with the requirements of paragraph B.1.e of Consent Order SRD-130 and presents the 2002 annual summary for groundwater and maintenance monitoring conducted to verify the adequacy of the remediation and long term effectiveness of engineered controls installed at Willow Brook and Willow Brook Pond at the Pratt & Whitney facility in East Hartford, Connecticut.

As remediation activities were completed following the second quarter of 2002, a total of two monitoring events were performed in 2002 in accordance with Appendix D and Appendix E of the *Request for Variance, Engineered Control of Polluted Soils,* prepared by LEA and last revised in July 2001. The variance was approved by the Connecticut Department of Environmental Protection on August 3, 2001. As indicated in Appendix D of the request for variance, the groundwater monitoring has been performed in accordance with subsection (f) of Section 22a-133k-3 of the Regulations of Connecticut State Agencies (RCSA).

2. LOCATION AND SITE DESCRIPTION

The UTC/Pratt & Whitney East Hartford manufacturing facility is located at 400 Main Street in East Hartford, Connecticut. The facility encompasses approximately 1,100 acres of contiguous land. Pratt & Whitney initiated aircraft engine manufacturing operations in East Hartford in December 1929. Current operations are conducted in a 6.5 million square foot complex and include administration and management, manufacturing, testing, research and development and ancillary services. All of these activities take place in the western portion of the 1,100-acre property. The Rentschler Airport and the Klondike Area occupy the eastern portion of the property. UTC/Pratt & Whitney previously used these two areas as an airport and a storage/testing area, respectively.

Willow Brook and Willow Brook Pond are located in the extreme western portion of the UTC/Pratt & Whitney East Hartford facility property and is approximately 4 acres in size (Figure 2-1). Willow Brook is a small stream transecting the UTC/Pratt & Whitney facility from the northern portion of the Rentschler Airport through to the northwest portion of the current UTC/Pratt & Whitney operations complex. Willow Brook flows in a southwesterly direction in an open channel from the Rentschler Airport, is then hard-piped underground to the inlet of Willow Brook Pond, and continues from the pond as an open channel to a culvert under Main Street. From Main Street, Willow Brook flows in an open channel for a distance of approximately 2,500 feet to the confluence with the Connecticut River. Willow Brook Pond, a single body of water when first created, has been modified various times through the years. It is now comprised of two ponds (Upper Willow Brook Pond and Lower Willow Brook Pond) subdivided by a culvert.

3. BACKGROUND

During routine draining of Willow Brook Pond in September 1997, an oil sheen was noticed seeping through the sediment. Pratt & Whitney reported the sheen to the United States Coast Guard and the Connecticut Department of Environmental Protection (DEP) in accordance with discharge reporting requirements. Following the detection of PCBs in a sample, the DEP issued Pratt & Whitney a NOV, No. PCB 97-08, on November 7, 1997. In response to the Notice of Violation (NOV), during the period from December 1997 to April 1999, UTC/Pratt & Whitney developed a sampling work plan and conducted three phases of investigation. These investigations provided the analytical data to sufficiently define the horizontal and vertical limits of contamination and provided the basis for the development of a remediation plan. During the period from April 1999 to November 2000, UTC/Pratt & Whitney identified and evaluated remedial alternatives to address the PCB contaminated sediments within and immediately surrounding Willow Brook Pond. The Remedial Action Work Plan (RAWP) was submitted to the DEP and the United States Environmental Protection Agency (EPA) in November of 2000.

During the period from November 2000 to June 2001, numerous permit applications and plans were submitted to regulatory agencies to secure approvals for elements of the remediation project. In addition, during this period of time, the DEP was drafting a Consent Order, SRD-130, codifying DEP's expectations regarding the remediation of the Site. The Consent Order was signed by UTC/Pratt & Whitney on July 19, 2001 and the DEP on August 1, 2001.

In addition to satisfying the DEP requirements for remediation, UTC/Pratt & Whitney is also involved in a formal voluntary RCRA corrective action program with the EPA. On January 19, 2001, the EPA Resource Conservation and Recovery Act (RCRA) Corrective Action Program issued a determination that the remediation of contaminated sediments within Willow Brook and Willow Brook Pond were necessary. In order to obtain a decision that the remediation of the Site would be considered a final remedy for the contamination, EPA RCRA Corrective Action staff was involved in the review of the RAWP and were included in all project related correspondence with the various regulatory agencies.

The remediation activities and restoration activities performed within and immediately surrounding Willow Brook and Willow Brook Pond took place during the period from July 2, 2001 through August 31, 2002. The overall remedial action objective was to physically remove from the site, via excavation and off-site disposal, all soil and sediment containing total PCB concentrations in excess of 25 mg/kg and then install a geotextile, soil and rock cap (engineered control) over the entirety of Willow Brook Pond and the open channel of Willow Brook from Willow Brook Pond to Main Street. Three areas within the Site were assigned additional

remedial objectives. For the wetland and the southern portion of the Lower Willow Brook Pond, the additional remedial action objective was to physically remove all soil and sediment exhibiting contaminants at concentrations greater than the Residential Direct Exposure Criteria (RDEC) for PCBs. For the footprint of the Process Water Facility, inclusive of the small embayment west of the Process Water Facility, the additional remedial action objective was to meet the RDEC for PCBs for soils within 4-feet of the final grade, the Industrial/Commercial Direct Exposure Criteria (IDEC) for PCBs for soils located in inaccessible locations and the GB Pollutant Mobility Criteria (GB PMC) for soils above the seasonal high water table. All remedial action objectives were met during the course of the project.

4. GROUNDWATER MONITORING

As mentioned previously, groundwater monitoring activities were performed in accordance with subsection (f) of Section 22a-133k-3 of the RCSA. The groundwater monitoring plan detailed in Appendix D of the *Request for Variance, Engineered Control of Polluted Soils* was designed to determine:

- The effectiveness of soil remediation in preventing further pollution of ground water by substances from the release area;
- The effectiveness of any remediation taken to eliminate or minimize identified health or safety risks associated with such release; and
- Whether applicable surface-water protection criteria and volatilization criteria have been met.

In June 2002, a total of eleven groundwater monitoring wells (NW-MW-40 through NW-MW-50) were installed around the periphery of Willow Brook and Willow Brook Pond. The locations of these monitoring wells are depicted in Figure 4-1 of this report.

4.1 Description of Groundwater Monitoring Activities

In September 2002 and December 2002, groundwater samples were collected from a total of twelve groundwater monitoring wells (NW-MW-40 through NW-MW-50, and NW-MW-19S). All samples were sent under chain of custody control to Accutest Laboratory of Marlborough, Massachusetts and were analyzed for the following parameters: PCBs by Method 8082; volatile organic compounds (VOCs) by EPA Method 8260B; Connecticut extractable total petroleum hydrocarbons (CT ETPH); and, unfiltered metals (arsenic, barium, cadmium, chromium, copper, lead, mercury, nickel, selenium, silver, and zinc). In addition, one duplicate sample, trip blank sample, and equipment blank sample were collected and analyzed for each sampling event. In addition, one performance evaluation sample was analyzed concurrently with the December 2002 sampling event. Copies of field paperwork are included as Appendix A of this report.

4.2 Groundwater Elevations

Depth to groundwater was measured in all twelve monitoring wells using an electronic water level indicator. Groundwater levels were measured to the nearest 0.01 foot. Water level measurements were collected on two occasions by an LEA representative, once on September 23, 2002 and once on December 23, 2002. Water-level information was used to evaluate

groundwater flow directions and horizontal hydraulic gradients in the upper portion of the unconsolidated aquifer in the general vicinity of Willow Brook Pond. Additionally, a surface water measurement of Willow Brook Pond was obtained from the riser of a monitoring well located in the Willow Brook Pond on December 23, 2002. A surface water elevation measurement was not measured in September 2002 as the dewatering operations from the Willow Pond Remediation Project had very recently been terminated. Water-level information was used to evaluate groundwater flow directions and horizontal hydraulic gradients in the upper portion of the unconsolidated aquifer. A generalized groundwater contour map from the September 2002 monitoring event has been included as Figure 4-2. A generalized groundwater contour map from the December 2002 monitoring event has been included as Figure 4-3.

5. GROUNDWATER QUALITY

5.1 Summary of Analytical Data

As mentioned previously in Section 4, a total of thirteen groundwater samples (twelve monitoring wells and one duplicate sample) were collected in September 2002 and December 2002. A summary of sampling and analytical information is included as Table 5-1. A summary of constituents detected in groundwater is provided as Table 5-2. Additionally, a copy of all laboratory reports from Accutest Laboratory are included in Appendix B. The following is a summary of the results of the analysis performed on groundwater samples. The summary is presented by analytical class.

Polychlorinated Biphenyls: PCBs were not detected in any of the groundwater samples analyzed. As was described in Appendix D of the approved *Request for Variance, Engineered Control of Polluted Soils,* surface water samples are to be collected in the event that PCBs are detected in excess of the surface water protection criteria from the three monitoring wells installed in the granular fill portion of the cap (WT-MW-48, WT-MW-49, and WT-MW-50). As PCBs were not detected in any groundwater samples during the 2002 sampling activities, surface water samples were not collected.

Volatile Organic Compounds: As shown on Table 5-1, a total of 26 groundwater samples (thirteen from each round) were submitted for analysis of the presence of inorganic compounds. Of the 26 samples, six contained detectable concentrations of one or more VOCs. A total of eight VOCs were detected in groundwater samples. The maximum concentration of each VOC is as follows:

Chloroform	2.6 μg/l
1,1-Dichloroethane	10.1 μg/l
1,1-Dichloroethylene	3.8 μg/l
cis-1,2-Dichloroethylene	9.4 μg/l
Vinyl Chloride	6.2 μg/l
Tetrachloroethylene	6.8 μg/l
Trichloroethylene	35.5 μg/l
Toluene	1.6 μg/l

Total Petroleum Hydrocarbons: Of the 26 groundwater samples analyzed for CT ETPH, a total of twelve samples contained detectable concentrations. The maximum concentration of

CT ETPH was detected at monitoring well WT-MW-50 during the December 2002 monitoring event at a concentration of 0.511 mg/l.

Metals: Of the 26 groundwater samples analyzed for unfiltered metals (arsenic, barium, cadmium, chromium, copper, lead, mercury, nickel, selenium, silver, and zinc), a total of eight samples contained detectable concentrations of metals. A total of six metals were detected in groundwater samples. The maximum concentration of each metal is as follows:

Arsenic	0.0154 mg/l
Barium	0.604 mg/l
Total Chromium	0.0171 mg/l
Lead	0.0128 mg/l
Nickel	0.224 mg/l
Zinc	0.103 mg/l

5.2 Quality Assurance/Quality Control and Performance Evaluation Sampling

The following is a summary of Quality Assurance/Quality Control (QA/QC) and performance evaluation sampling conducted as part of the 2002 quarterly monitoring events.

5.2.1 Quality Assurance/ Quality Control Sampling

Blank Sampling: As mentioned in Section 4, one trip blank sample and one equipment blank sample were analyzed as part of each 2002 quarterly monitoring event. No constituents were detected in either of the two equipment blank samples analyzed. Of the two trip blank samples analyzed, methylene chloride was detected at a concentration 13.4 μg/l in the trip blank analyzed during the September 2002 monitoring event. It should be noted that methylene chloride was not detected in any of the groundwater samples analyzed and it is concluded that the compound could have been introduced during laboratory preparation and/or analysis of the sample.

Duplicate Sampling: A review of field data sheets and laboratory analyses of field duplicates indicates that field and laboratory QA/QC are adequate. Relative percent differences (RPDs) observed in duplicate sample pairs during 2002 were below 15%.

5.2.2 Performance Evaluation Sampling

As mentioned in Section 3, one performance evaluation sample was submitted to Accutest Laboratory during the December 2002 quarterly monitoring event to provide information on laboratory performance and on the overall accuracy and bias of the analytical methods used. The performance evaluation sample was evaluated for false negatives, false positives, and inaccurate

target compound quantitation. The performance evaluation sample was prepared by Environmental Resource Associates (ERA). The following is a summary of the performance evaluation sample results by analytical class.

Polychlorinated Biphenyls: PCBs were reported by the laboratory within the vendor-certified limits.

Volatile Organic Compounds: The laboratory reported 70% of the compounds within vendor-certified acceptance limits. The following five compounds were reported above their respective acceptance limit in the performance evaluation sample: 1,1-dichloroethane, 1,1-dichloroethylene, 1,1,2,2-tetrachloroethane, carbon tetrachloride, and chloroform. These constituents were detected in groundwater samples and the affected results may be biased high based on high recovery in the performance evaluation sample.

The laboratory reported a false positive for trans-1,2-dichloroethylene. The affected compound was not reported in any of the associated groundwater samples. Therefore this issue has no impact on the associated groundwater analytical data.

A false negative was reported for trans-1,3-dichloropropylene. There were no detects reported for the affected compound in the associated samples. However, it should be noted that the detection limits reported in the associated samples may be higher than reported.

Total Petroleum Hydrocarbons: CT ETPH were reported by the laboratory within the vendor-certified acceptable limits.

Metals: The laboratory reported 90% of the compounds within vendor-certified acceptance limits. Mercury was reported below the vendor certified acceptance limit. Mercury was not detected in any of the groundwater samples analyzed during 2002. It should also be noted that the detection limits reported in all associated samples for mercury may be higher than reported.

5.3 Observed Trends in Groundwater

There are insufficient groundwater data at this time to observe trends in types of contamination at particular monitoring wells since only two rounds of groundwater sampling has been performed. Generally, the relatively highest concentrations of VOCs, CT ETPH and metals were detected in monitoring well WT-MW-50 (located on the south bank of the wetlands area, downgradient of Willow Brook Pond) during the December 2002 monitoring event. It should be noted that only CTEPTH was detected in WT-MW-50 during the September 2002 monitoring event. Graphs of observed trends will be included in all subsequent annual monitoring reports as additional data is collected from quarterly monitoring events.

5.4 Evaluation of Results Relative to the RSRs

In accordance with Appendix D of the *Request for Variance, Engineered Control of Polluted Soils,* prepared by Loureiro Engineering Associates, Inc. (LEA) and last revised in July 2001, the groundwater analytical data have been compared to the numeric surface water protection criteria (SWPC) and industrial/commercial volatilization criteria (IVC). The comparison is being performed to provide the reader with an understanding of the degree of contamination detected and as a means to assess the effectiveness of the remediation activities. It should be noted, that historic releases occurring outside the Willow Brook and Willow Brook Pond site have impacted groundwater quality. As such, the following discussions contain references to historic data as a means to provide an understanding of groundwater quality in the vicinity of Willow Brook and Willow Brook Pond prior to implementation of remediation activities.

5.4.1 Surface Water Protection Criteria

Arsenic exceeded the SWPC in several groundwater samples collected during the December 2002 monitoring event. Specifically arsenic exceeded the default numeric SWPC of 0.004 mg/l in groundwater samples collected from monitoring wells WT-MW-45, WT-MW-48, WT-MW-49, and WT-MW-50 at concentrations of 0.0128 mg/l, 0.0041 mg/l, 0.0047 mg/l, and 0.0154 mg/l, respectively. Arsenic also exceeded the SWPC in the groundwater sample collected from WT-MW-45 during the September 2002 monitoring event at a concentration of 0.005 mg/l. Additionally, the reporting limit for lead in the groundwater sample collected from WT-MW-45 during the December 2002 monitoring event was in excess of the SWPC. As noted in the laboratory report, however, this elevated reporting limit was due to a dilution required for matrix interference. No other exceedances of the SWPC were noted for the 2002 monitoring events.

With respect to the arsenic exceedances discussed in the preceding paragraph, historic groundwater analytical data for wells located immediately north of Upper Willow Brook Pond and south of Lower Willow Brook Pond and the stream channel west of Willow Brook Pond have exhibited concentrations of arsenic in excess of the concentrations discussed above. The historic data are from locations upgradient of wells WT-MW-45, WT-MW-48, WT-MW-49, and WT-MW-50. Therefore, it is concluded that the levels of arsenic detected during the 2002 quarterly monitoring events described herein are not attributable to Willow Brook and Willow Brook Pond.

5.4.2 Volatilization Criteria

Since the existing use of the Site is industrial/commercial in nature, and the future use of the Site will most likely remain industrial/commercial, only compliance with the IVC and not the residential volatilization criteria (RVC) was evaluated. Vinyl chloride exceeded the IVC of 2 μg/l in two groundwater samples. Specifically, vinyl chloride exceeded the IVC at a concentration of 6.2 μg/l in the December 2002 groundwater sample collected from WT-MW-40 and at a concentration of 3.3 μg/l in the September 2002 groundwater sample collected from WT-MW-45. Historic groundwater analytical data for wells located south of Upper and Lower Willow Brook Pond and the stream channel west of Willow Brook Pond have exhibited concentrations of volatile organic compounds in excess of the concentrations discussed above. As a result, it is concluded that the levels of vinyl chloride detected during the monitoring events described herein are not indicative of impacts to groundwater associated with Willow Brook and Willow Brook Pond.

5.4.3 Compliance Determination

There are insufficient groundwater data at this time to make a compliance determination relative to the Remediation Standard Regulations. However, the absence of detectable concentrations of polychlorinated biphenyls in groundwater indicate the remediation activities performed to date have been effective in eliminating PCBs as a groundwater contaminant source. This coupled with groundwater concentrations for inorganic constituents and volatile organic compounds consistent with historic groundwater data appear to indicate the remediation of Willow Brook and Willow Brook Pond has been successful. Additional groundwater data will be collected in accordance with the approved *Request for Variance, Engineered Control of Polluted Soils* to substantiate the initial assessment.

6. MAINTENANCE MONITORING

The post-remediation maintenance program for the engineered control was developed to ensure that the structural integrity, design permeability, and effectiveness of the engineered control will be maintained. This maintenance program was developed to :

- Periodically inspect the engineered control;
- Identify measures to be taken to prevent run-on and run-off of stormwater from eroding or otherwise damaging the engineered control; and
- Identify measures to be taken to correct the effects of any settling, subsidence, erosion or other damaging events or conditions.

The engineered control and the area surrounding the engineered control were inspected in September 2002 and December 2002 in the following areas:

1. Signs of erosion.
2. Signs of settling.
3. Loss of vegetative cover.
4. Undesirable growth.
5. Signs of ponding and run on.
6. Condition of fencing and gates.
7. Condition of rip-rap in Willow Brook stream channel.
8. Condition of stone layer in Willow Brook.
9. Burrowing animals.
10. Monitoring well network.

The Post-Remediation Maintenance Monitoring Forms are included in Appendix C of this report.

6.1 Summary of Maintenance Monitoring Activities

During the September 2002 monitoring event, a gully was observed next to monitoring well WT-MW-48 along the south bank of Upper Willow Brook Pond. The gully was observed to be approximately 3 feet wide and 6 inches deep. Additionally, the monitoring wells surrounding Willow Brook Pond were not all clearly identified.

During the December 2002 monitoring event, evidence of settling and sedimentation along the drainage swale of the south bank of Upper Willow Brook Pond were observed. Signs of erosion

were also observed in both drainage swales along the south and southwest banks of Lower Willow Brook Pond. Additionally, multiple sinkholes from previously planted vegetation were observed along the south and north banks of Lower Willow Brook Pond.

6.2 Corrective Action

The gully observed during the September 2002 monitoring event was rectified in October 2002 through the construction of a rip-rap drainage swale. All sinkholes and settling areas will be filled with topsoil during maintenance event activities in the Spring of 2003. At that time, rip-rap will be added to drainage swales exhibiting signs of erosion and all monitoring wells will be labeled.

7. CONCLUSIONS

A total of two monitoring events were performed in 2002 in accordance with Appendix D and Appendix E of the *Request for Variance, Engineered Control of Polluted Soils* (LEA 2001). A total of 12 monitoring wells (WT-MW-19S and WT-MW-40 through WT-MW-50) installed around the perimeter of Willow Brook Pond were sampled in September 2002 and December 2002 for PCBs, VOCs, CT ETPH, and metals. PCBs were not detected in any of the groundwater samples analyzed. VOCs, CT ETPH, and metals (arsenic, barium, total chromium, lead, nickel, and zinc) were detected in groundwater samples analyzed. Arsenic exceeded the SWPC in several locations during the December 2002 monitoring event and one sample during the September 2002 monitoring event. Additionally, vinyl chloride exceeded the IVC in one groundwater sample collected during the September 2002 monitoring event and one groundwater sample during the December 2002 monitoring event.

There are insufficient groundwater data at this time to determine trends or to make a compliance determination relative to the Remediation Standard Regulations. However, the absence of detectable concentrations of polychlorinated biphenyls in groundwater indicate the remediation activities performed to date have been effective in eliminating polychlorinated biphenyls as a groundwater contaminant source. Additionally, concentrations for inorganic constituents and volatile organic compounds detected in groundwater are consistent with historic data from locations upgradient of Willow Brook and Willow Brook Pond.

Two maintenance monitoring inspections were conducted in 2002 concurrently with each quarterly monitoring event. Minimal signs of erosion and settling were observed along the banks and drainage swales of Willow Brook Pond. Corrective action measures will be implemented as part of the 2003 maintenance and monitoring program. Also, monitoring wells in the vicinity of Willow Brook Pond will be labeled.

Table 5-1
SUMMARY OF SAMPLING AND ANALYTICAL INFORMATION
Post Remediation Maintenance and Groundwater Monitoring, Pratt & Whitney, East Hartford, CT

Loureiro Engineering Associates, Inc.

Sample Information					Analysis Information							
Location ID	Sample ID	Sample Date	Sampled Interval (ft)	Sample Class	LEAVolatiles	Volatile Organics	Semivolatile Organics	Herbicides	Pesticides	PCBs	Metals	Miscellaneous Analyses
WT-MW-19S	2112618	09/24/2002	4.00 - 13.00	GW		x				x	x	X
WT-MW-19S	2213474	12/23/2002	4.00 - 13.00	GW		X				x	x	x
WT-MW-40	2112623	09/24/2002	10.00 - 19.00	GW		X				x	x	X
WT-MW-40	2112624	09/24/2002	10.00 - 19.00	GW		X				x	x	X
WT-MW-40	2213476	12/23/2002	10.00 - 19.00	GW		X				x	X	x
WT-MW-41	2112611	09/23/2002	1.00 - 10.00	GW		x				x		x
WT-MW-41	2112627	09/24/2002	1.00 - 10.00	GW							x	
WT-MW-41	2213469	12/23/2002	1.00 - 10.00	GW		x				x	x	x
WT-MW-42	2112612	09/23/2002	1.00 - 10.00	GW		x				x	X	x
WT-MW-42	2213468	12/23/2002	1.00 - 10.00	GW		x				x	X	x
WT-MW-43	2112613	09/23/2002	3.00 - 12.00	GW		x				x		x
WT-MW-43	2112628	09/24/2002	3.00 - 12.00	GW							x	
WT-MW-43	2213467	12/23/2002	3.00 - 12.00	GW		x				x	x	x
WT-MW-44	2112614	09/23/2002	5.00 - 14.00	GW		x				x	x	x
WT-MW-44	2213466	12/23/2002	5.00 - 14.00	GW		x				x	x	x
WT-MW-45	2112615	09/23/2002	2.50 - 11.50	GW		X				x	X	X
WT-MW-45	2213472	12/23/2002	2.50 - 11.50	GW		x				x	X	X
WT-MW-46	2112616	09/23/2002	-1.50 - 7.50	GW		x				x	x	x
WT-MW-46	2213465	12/23/2002	-1.50 - 7.50	GW		x				x	x	X
WT-MW-47	2112619	09/24/2002	6.00 - 15.00	GW		x				x	x	X
WT-MW-47	2213464	12/23/2002	6.00 - 15.00	GW		x				x	x	x
WT-MW-48	2112621	09/24/2002	0.00	GW		x				x	x	X
WT-MW-48	2213471	12/23/2002	0.00	GW		x				x	X	X
WT-MW-49	2112620	09/24/2002	0.00	GW		x				x	x	X
WT-MW-49	2213473	12/23/2002	0.00	GW		x				x	x	x
WT-MW-49	2213482	12/23/2002	0.00	GW		x				x	X	x
WT-MW-50	2112622	09/24/2002	0.00	GW		x				x	x	X
WT-MW-50	2213475	12/23/2002	0.00	GW		X				x	X	X

Legend: x - mass, t - TCLP, s - SPLP, e - EPTOX, z - ZHE, d - Thermal Desorption, r - Charcoal Tube, a - SEM/AVS, f - filtered, nr - not received; Capitalized - at least one analyte in class detected

Printed on 01/17/2003

Table 5-2
SUMMARY OF CONSTITUENTS DETECTED IN GROUNDWATER
Post Remediation Maintenance and Groundwater Monitoring, Pratt & Whitney, East Hartford, CT

Loureiro Engineering Associates, Inc.

	Location ID	WT-MW-19S	WT-MW-19S	WT-MW-40	WT-MW-40	WT-MW-40	WT-MW-42	WT-MW-42
	Sample ID	2112618	2213474	2112623	2112624	2213476	2112612	2213468
	Sample Date	09/24/2002	12/23/2002	09/24/2002	09/24/2002	12/23/2002	09/23/2002	12/23/2002
	Sample Time	09:00	13:00	12:30	12:30	14:45	12:06	14:10
	Sample Depth	4.00' - 13.00	4.00' - 13.00	10.00' - 19.0	10.00' - 19.0	10.00' - 19.0	1.00' - 10.00	1.00' - 10.00
	Laboratory	ACTM	ACTM	ACTM	ACTM	ACTM	ACTM	ACTM
	Lab. Number	M27878-9	M29531-7	M27878-14	M27878-15	M29531-8	M27878-3	M29531-10A
Constituent	Units							
Depth of Well	Ft	12.49	12.63	18.80	18.80	18.82	8.86	11.60
Depth To Water	Ft	8.76	8.43	9.31	9.31	11.56	3.36	9.68
Specific Conductivity (field)	umhos	749	663	834	834	1195	256	303
Water Elevation	Ft	27.15	27.48	22.79	22.79	20.54	31.50	25.18
pH (field)	SU	6.63	6.87	6.55	6.55	6.99	5.88	5.73
Date Metals Analyzed	-					12/30/2002	10/02/2002	12/30/2002
Date Organics Analyzed	-		12/31/2002	10/04/2002	10/04/2002	12/31/2002		
Date Physical Analyzed	-	10/05/2002		10/05/2002	10/05/2002			
Arsenic (unfiltered)	mg/L							
Barium (unfiltered)	mg/L							
Chromium, Total (unfiltered)	mg/L							
Lead (unfiltered)	mg/L							
Nickel (unfiltered)	mg/L							
Zinc (unfiltered)	mg/L					0.0306	0.0213	0.103
Total Petroleum Hydrocarbons (CT ETPH)	mg/L	0.201		0.202	0.231			
Chloroform	ug/l							
1,1-Dichloroethane	ug/l		2.3			10.1		
1,1-Dichloroethylene	ug/l					1.1		
cis-1,2-Dichloroethylene	ug/l		8.5			5.5		
Vinyl Chloride	ug/l					6.2		
Tetrachloroethylene (PCE)	ug/l							
Trichloroethylene (TCE)	ug/l					2.2		
Toluene	ug/l			1.6	1.6			
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Table 5-2
SUMMARY OF CONSTITUENTS DETECTED IN GROUNDWATER
Post Remediation Maintenance and Groundwater Monitoring, Pratt & Whitney, East Hartford, CT

Loureiro Engineering Associates, Inc.

	Location ID	WT-MW-45	WT-MW-45	WT-MW-46	WT-MW-47	WT-MW-48	WT-MW-48	WT-MW-49
	Sample ID	2112615	2213472	2213465	2112619	2112621	2213471	2112620
	Sample Date	09/23/2002	12/23/2002	12/23/2002	09/24/2002	09/24/2002	12/23/2002	09/24/2002
	Sample Time	14:30	10:30	10:30	09:43	11:00	09:45	10:30
	Sample Depth	2.50' - 11.50	2.50' - 11.50	-1.50' - 7.50	6.00' - 15.00	0.00'	0.00'	0.00'
	Laboratory	ACTM	ACTM	ACTM	ACTM	ACTM	ACTM	ACTM
	Lab. Number	M27878-7	M29531-4	M29531-5	M27878-10	M27878-12	M29531-1	M27878-11
Constituent	Units							
Depth of Well	Ft	13.66	13.6		14.38	7.53	7.55	6.50
Depth To Water	Ft	8.26	7.42		8.91	2.63	2.59	1.50
Specific Conductivity (field)	umhos	923	1797	458	340	865	1307	563
Water Elevation	Ft	27.46	28.30		27.55	27.25	27.29	27.24
pH (field)	SU	6.31	6.09	5.64	6.70	6.29	6.08	6.59
Date Metals Analyzed	-	10/02/2002	12/30/2002				12/30/2002	
Date Organics Analyzed	-	10/03/2002						
Date Physical Analyzed	-	10/04/2002	12/31/2002	12/31/2002	10/05/2002	10/05/2002	12/31/2002	10/05/2002
Arsenic (unfiltered)	mg/L	0.0050	0.0128				0.0041	
Barium (unfiltered)	mg/L						0.252	
Chromium, Total (unfiltered)	mg/L						0.0133	
Lead (unfiltered)	mg/L							
Nickel (unfiltered)	mg/L		0.179				0.224	
Zinc (unfiltered)	mg/L							
Total Petroleum Hydrocarbons (CT ETPH)	mg/L	0.430	0.984	0.119	0.125	0.135	0.201	0.221
Chloroform	ug/l							
1,1-Dichloroethane	ug/l							
1,1-Dichloroethylene	ug/l							
cis-1,2-Dichloroethylene	ug/l	6.3						
Vinyl Chloride	ug/l	3.3						
Tetrachloroethylene (PCE)	ug/l							
Trichloroethylene (TCE)	ug/l							
Toluene	ug/l							
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Table 5-2
SUMMARY OF CONSTITUENTS DETECTED IN GROUNDWATER
Post Remediation Maintenance and Groundwater Monitoring, Pratt & Whitney, East Hartford, CT

Loureiro Engineering Associates, Inc.

	Location ID	WT-MW-49	WT-MW-50	WT-MW-50				
	Sample ID	2213482	2112622	2213475				
	Sample Date	12/23/2002	09/24/2002	12/23/2002				
	Sample Time	11:20	11:45	14:00				
	Sample Depth	0.00'	0.00'	0.00'				
	Laboratory	ACTM	ACTM	ACTM				
	Lab. Number	M29531-13A	M27878-13	M29531-3				
Constituent	Units							
Depth of Well	Ft	9.84	5.30	5.16				
Depth To Water	Ft	1.25	2.37	3.25				
Specific Conductivity (field)	umhos	828	847	3.27				
Water Elevation	Ft	27.49	21.15	20.27				
pH (field)	SU	6.55	6.35	7.05				
Date Metals Analyzed	-	12/30/2002		12/30/2002				
Date Organics Analyzed	-			12/31/2002				
Date Physical Analyzed	-		10/05/2002	12/31/2002				
Arsenic (unfiltered)	mg/L	0.0047		0.0154				
Barium (unfiltered)	mg/L			0.604				
Chromium, Total (unfiltered)	mg/L			0.0171				
Lead (unfiltered)	mg/L			0.0128				
Nickel (unfiltered)	mg/L			0.128				
Zinc (unfiltered)	mg/L			0.0473				
Total Petroleum Hydrocarbons (CT ETPH)	mg/L		0.133	0.511				
Chloroform	ug/l			2.6				
1,1-Dichloroethane	ug/l							
1,1-Dichloroethylene	ug/l			3.8				
cis-1,2-Dichloroethylene	ug/l			9.4				
Vinyl Chloride	ug/l							
Tetrachloroethylene (PCE)	ug/l			6.8				
Trichloroethylene (TCE)	ug/l			35.5				
Toluene	ug/l							
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Table 5-3
EXCEEDANCES OF THE SURFACE WATER PROTECTION CRITERIA
Post Remediation Maintenance and Groundwater Monitoring, Pratt & Whitney, East Hartford, CT

Loureiro Engineering Associates, Inc.

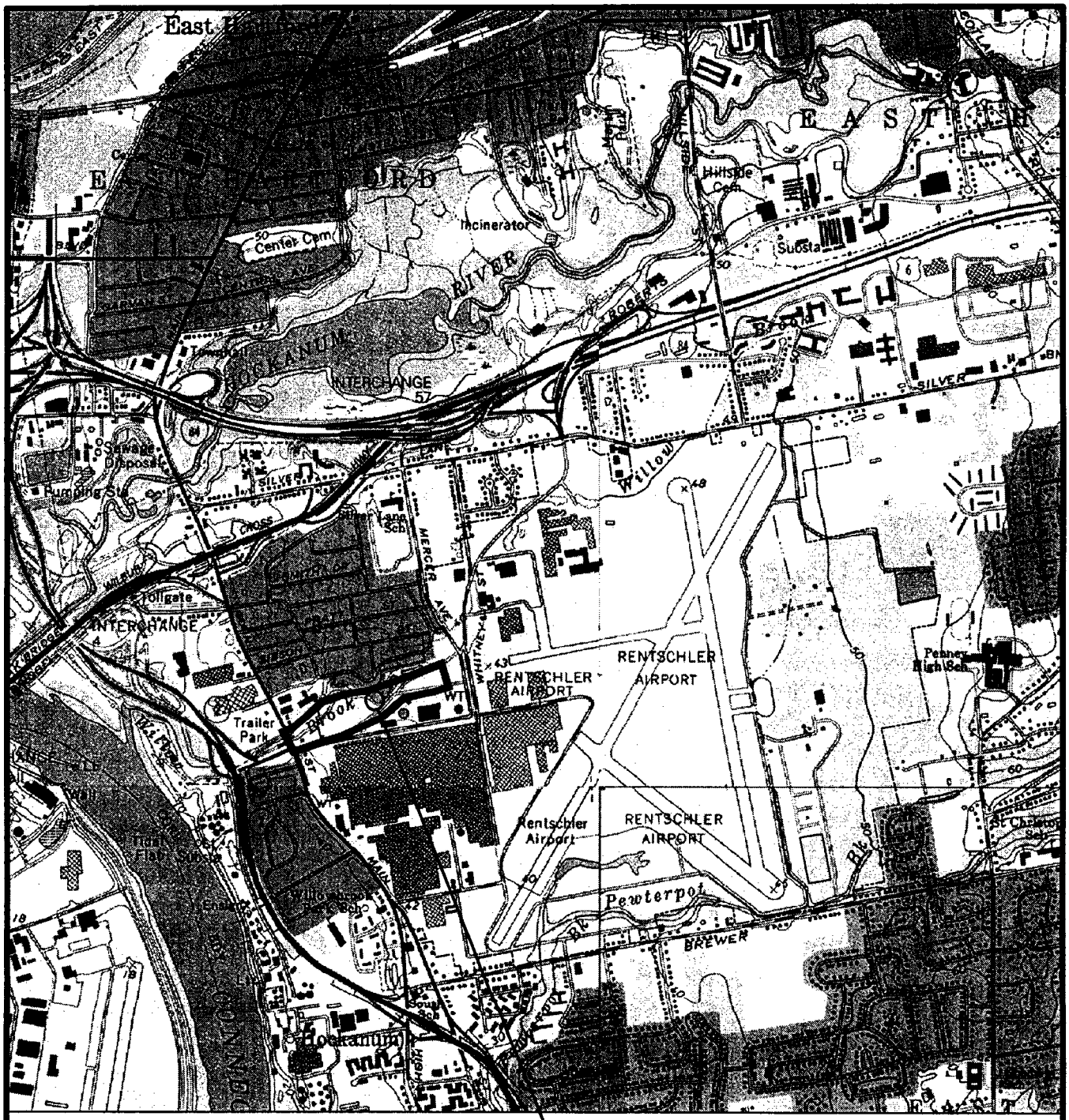
	Location ID	WT-MW-45	WT-MW-45	WT-MW-48	WT-MW-49	WT-MW-50		
	Sample ID	2112615	2213472	2213471	2213482	2213475		
	Sample Date	09/23/2002	12/23/2002	12/23/2002	12/23/2002	12/23/2002		
	Sample Time	14:30	10:30	09:45	11:20	14:00		
	Sample Depth	2.50' - 11.50	2.50' - 11.50	0.00'	0.00'	0.00'		
	Laboratory	ACTM	ACTM	ACTM	ACTM	ACTM		
	Lab. Number	M27878-7	M29531-4A	M29531-1A	M29531-13A	M29531-3A		
Constituent	Units							
Depth of Well	Ft	13.66	13.6	7.55	9.84	5.16		
Depth To Water	Ft	8.26	7.42	2.59	1.25	3.25		
Water Elevation	Ft	27.46	28.30	27.29	27.49	20.27		
Date Metals Analyzed	-	10/02/2002	12/30/2002	12/30/2002	12/30/2002	12/30/2002		
Arsenic (unfiltered)	mg/L	0.0050	0.0128	0.0041	0.0047	0.0154		
Lead (unfiltered)	mg/L			<0.015 U				

Table 5-4
EXCEEDANCES OF THE INDUSTRIAL/COMMERCIAL VOLATILIZATION CRITERIA
Post Remediation Maintenance and Groundwater Monitoring, Pratt & Whitney, East Hartford, CT

Loureiro Engineering Associates, Inc.

	Location ID	WT-MW-40	WT-MW-45					
	Sample ID	2213476	2112615					
	Sample Date	12/23/2002	09/23/2002					
	Sample Time	14:45	14:30					
	Sample Depth	10.00' - 19.0	2.50' - 11.50					
	Laboratory	ACTM	ACTM					
	Lab. Number	M29531-8	M27878-7					
Constituent	Units							
Depth of Well	Ft	18.82	13.66					
Depth To Water	Ft	11.56	8.26					
Water Elevation	Ft	20.54	27.46					
Date Organics Analyzed	-	12/31/2002	10/03/2002					
Vinyl Chloride	ug/l	6.2	3.3					

FIGURES



MAP REFERENCE:
USGS 7.5 MINUTE SERIES QUADRANGLES
FOR HARTFORD NORTH, HARTFORD SOUTH,
GLASTONBURY, AND MANCHESTER CONN.,
DATED 1964 & 1963 AND REVISED 1992.

SITE LOCATION

1000 0 1000 2000 3000

SCALE IN FEET

N

UNITED TECHNOLOGIES CORPORATION
PRATT & WHITNEY

SITE LOCATION PLAN

Comm.No.	FIGURE 2-1	LEA
88UT103		

88UT103-USGS.dwg

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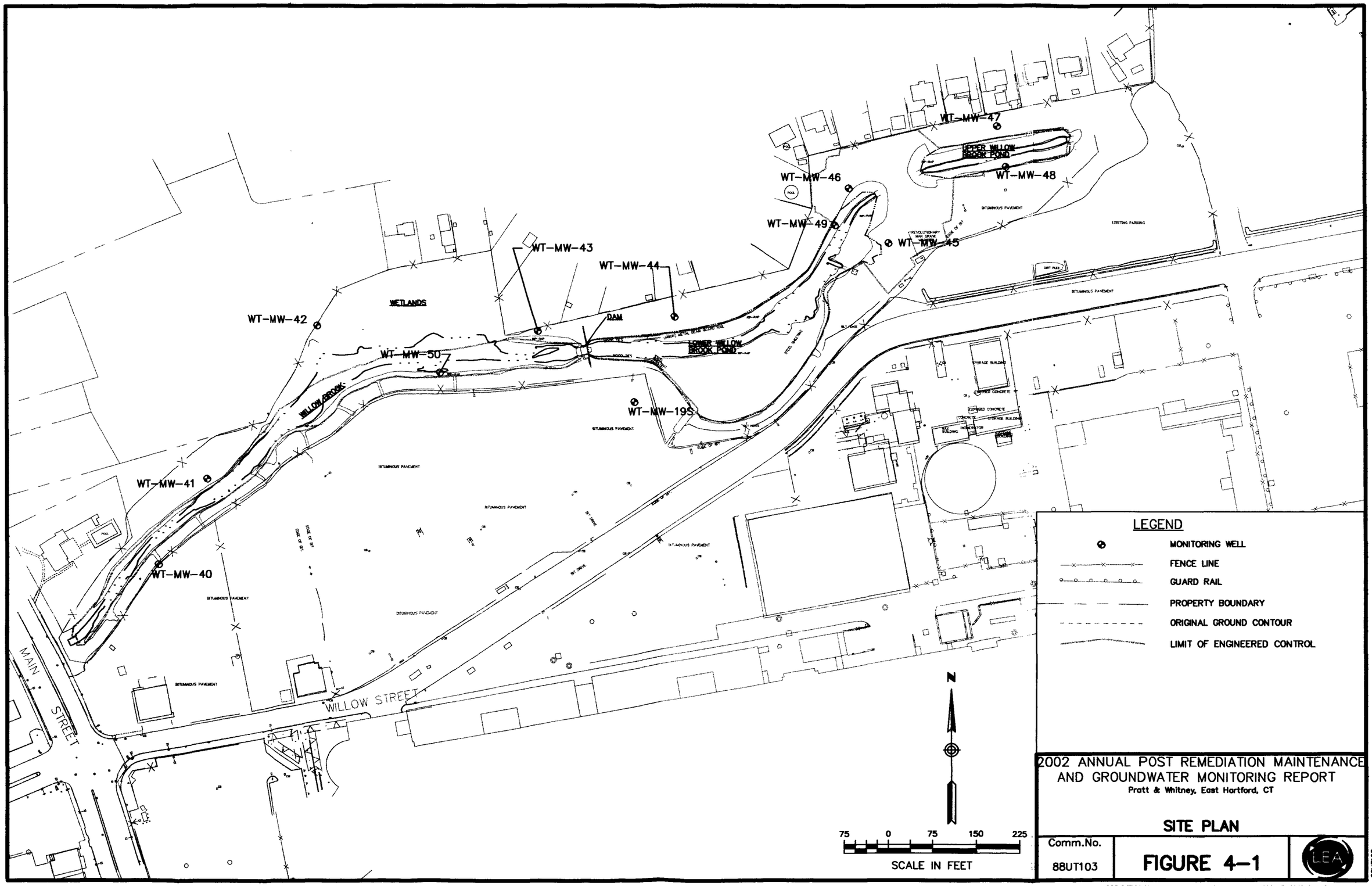

2002 ANNUAL POST REMEDIATION MAINTENANCE AND GROUNDWATER MONITORING REPORT

Pratt & Whitney, East Hartford, CT

SITE PLAN

Comm.No. 88UT103

FIGURE 4-1

LEA

88UT103

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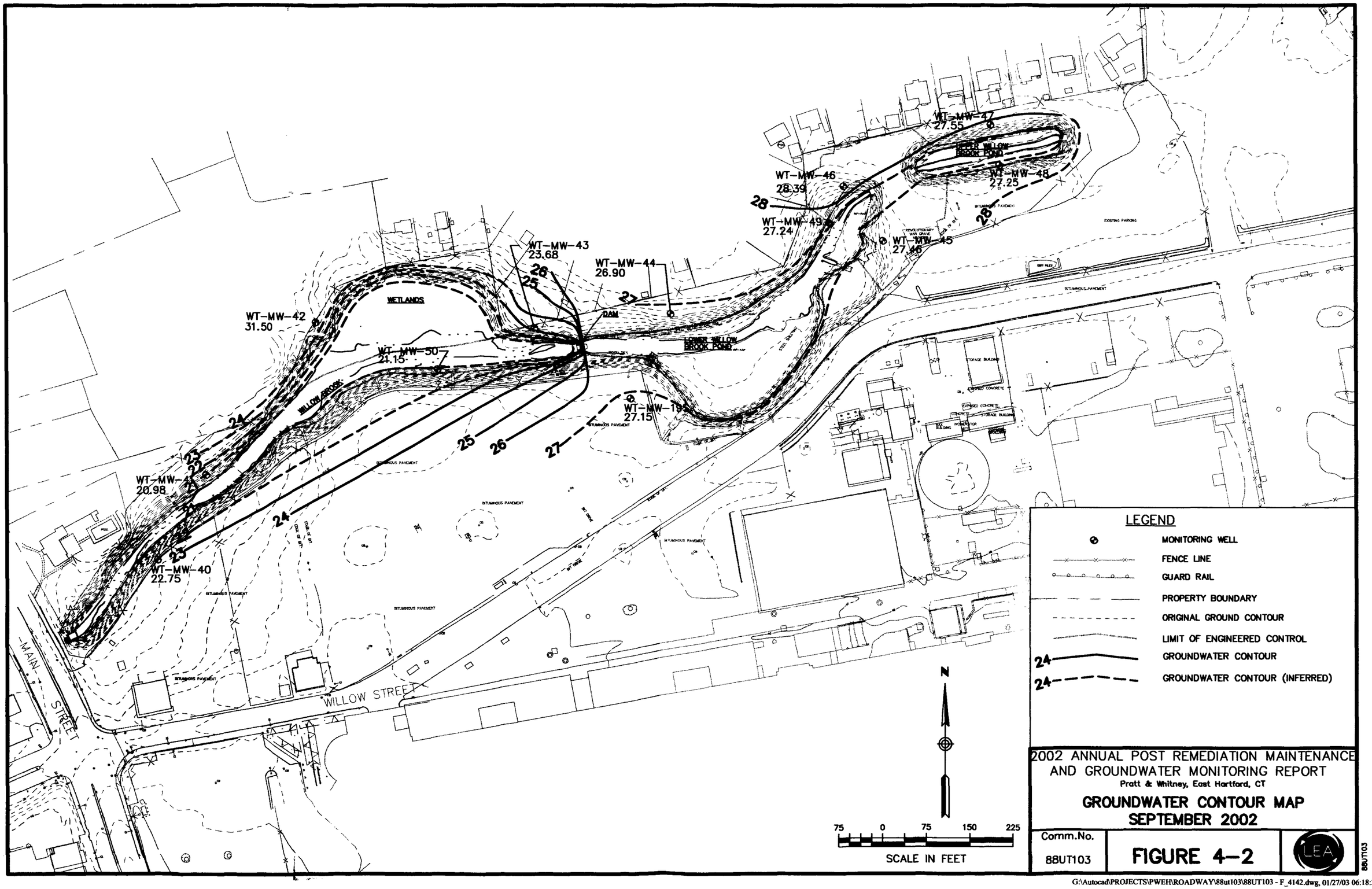

2002 ANNUAL POST REMEDIATION MAINTENANCE AND GROUNDWATER MONITORING REPORT

Pratt & Whitney, East Hartford, CT

GROUNDWATER CONTOUR MAP SEPTEMBER 2002

Comm.No.	
88UT103	FIGURE 4-2

88UT103

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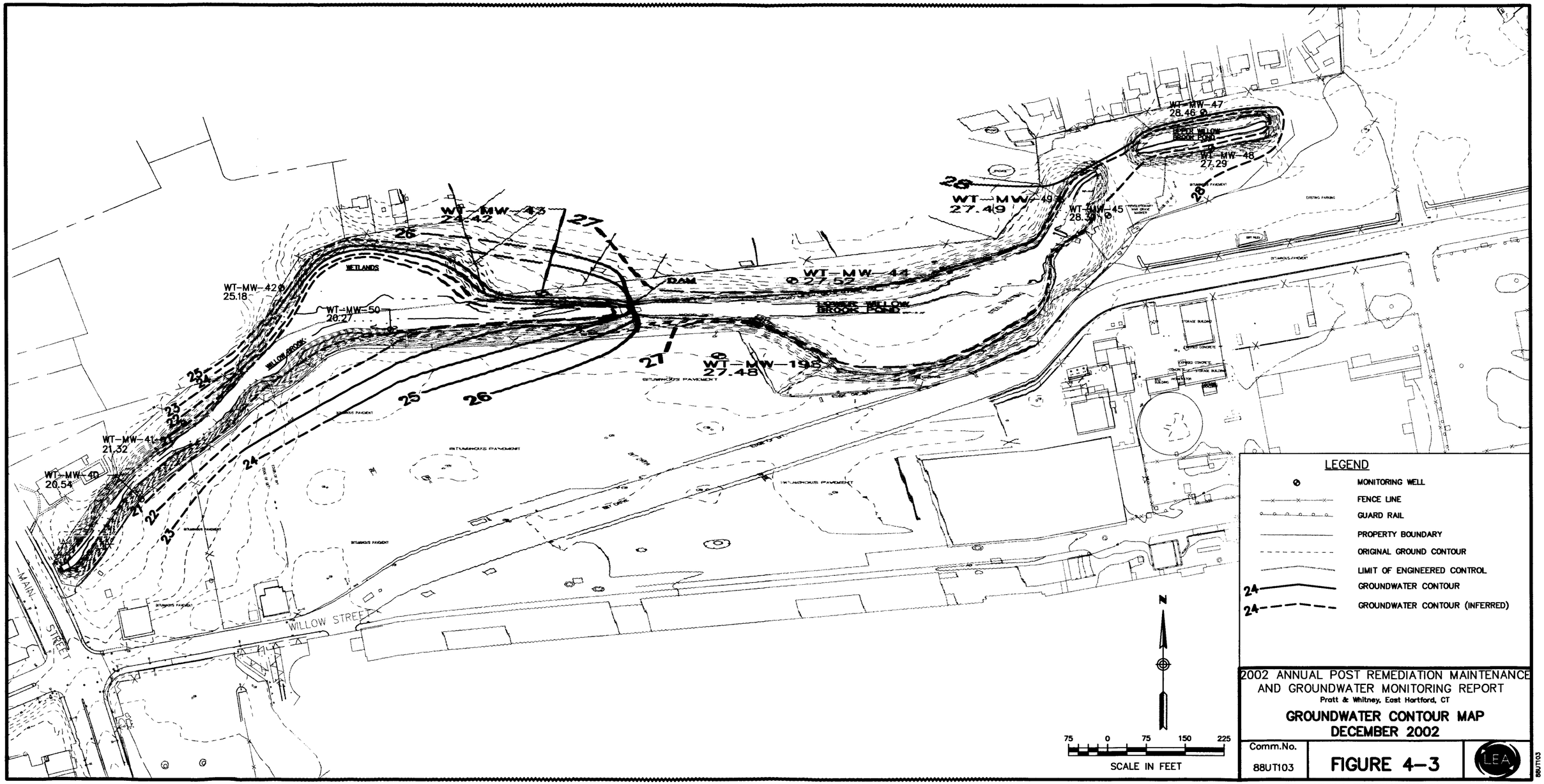

2002 ANNUAL POST REMEDIATION MAINTENANCE AND GROUNDWATER MONITORING REPORT

Pratt & Whitney, East Hartford, CT

GROUNDWATER CONTOUR MAP
DECEMBER 2002

Comm.No.		
88UT103	FIGURE 4–3	LEA

88UT103

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Appendix A

Copies of Field Paperwork

DAILY FIELD REPORT

Loureiro Engineering Associates, Inc.

LEA Comm. No.	88UT1~~1~~03.001	Page 1 of 1
Project	Groundwater Investigation in the Vicinit	Date 12/24/02
Location		
Client	Pratt & Whitney East Hartford-JT	

Arrived at Site 11:00 Departed from Site 12:30 Vehicle Personal

Odometer (Start) _____ Return _____

Site Activities

- [ ] Soil Sampling
- [ ] Groundwater Sampling
- [ ] Surface Water Sampling
- [ ] Surface Water Sampling
- [ ] Vapor/Air Sampling
- [ ] Concrete Sampling
- [ ] Other Sampling
- [ ] Well Installation
- [ ] Well Development
- [ ] Geoprobe Work
- [ ] Concrete Coring
- [ ] Construction
- [ ] Inspection
- [ ] Waste Management
- [ ] Waste Management
- [ ] Site Walk Over
- [ ] Surveying
- [x] Other (Describe) Willow Pond Inspection

Current Project Information

- Last Sample Number Used _____
- Last Location ID Used _____
- Current Location (if not complete) _____
- Sampling for _____
- Laboratories used _____
- Paperwork & Equipment left at/in _____
- Site Contact _____
- Contractors on Site _____
- Time and place to meet contractors _____

Non-productive Time

- [ ] None
- [ ] Equipment Breakdown
- [ ] Late
- [ ] Weather
- [ ] Missing Equipment
- [ ] Other (Describe)

Quality Assurance Checks

Yes	N/A	No	
			Sample labels complete
			Sample/cooler seals OK
			All samples obtained
			Chains of custody
			All forms/logs complete
			Site walkover
			Site H&S Plan on site
			Instruments calibrated

Residuals Disposition

Item	Approx. Amount	Container ID
Soil/Solid		
Groundwater		
Decon Fluid		
PPE		
Other		

Instrument Calibrations

pH/Conductivity

Std.	Standard	Meter
	pH 4	
	pH 7	
	pH 10	
	Cond.	

PID/FID Meter

Std.	Standard	Meter
	Zero w/Background	
	Zero w/Clean Air	

Balance

Std.	Standard	Reading
	Std. Mass	

Expendable Items Used

Qty	Item	LEA Number
	Bailer, 2 Part Product	197
	Bailer, Disposable (spec. size)	090
	Bailer, PVC, 1"	187
	Bailer, PVC, 1-1/2"	026
	Bailer, PVC, 2"	018
	Bailer, Stainless, 2"	027
	Bailer, Teflon	059
	Decontamination Supplies	081
	Drum, Closed Top 55 gallon	029
	Filter, In Line	024
	Filter, Zap Cap	024
	Foot Valve and/or Surge Bloc	194
2	Miscellaneous Health & Safety Items	060
	Polyethylene Tubing (box) (spec. size)	999
	Water, Distilled	025

Equipment Used

Qty	Item	LEA Number
	Bomb Sampler	042
	Meter, Conductivity	022
	Meter, pH/Temp	021
1	Miscellaneous Small Tools & Equipment	152
	Peristaltic Pump (spec. Master or Isco)	040
	Submersible Pump	201
	Turbidimeter	023
	VOC Analyzer- Photovac (PID)	012
	Water Level Indicator	028
	Water Sampling Kit	152
	Watera Pump	038

Field Personnel Jason Miller ~~Jon Sweeton~~ David Frerecke

Signature [signature]

DAILY FIELD REPORT

Loureiro Engineering Associates, Inc.

LEA Comm. No. 88UT103.001 — Page 1 of 16
Project: Willow Brook Pond PCB — Date: 12/23/02
Location:
Client: United Technologies Corporation-LLe

Arrived at Site: 0835 — Departed from Site: 1545 — Vehicle: F-150
Odometer (Start): 40066 — Return: 40087

Site Activities

- [ ] Soil Sampling
- [x] Groundwater Sampling
- [ ] Surface Water Sampling
- [ ] Surface Water Sampling
- [ ] Vapor/Air Sampling
- [ ] Concrete Sampling
- [ ] Other Sampling
- [ ] Well Installation
- [ ] Well Development
- [ ] Geoprobe Work
- [ ] Concrete Coring
- [ ] Construction
- [ ] Inspection
- [ ] Waste Management
- [ ] Waste Management
- [ ] Site Walk Over
- [ ] Surveying
- [ ] Other (Describe)

Current Project Information

Last Sample Number Used	2213482
Last Location ID Used	—
Current Location (if not complete)	—
Sampling for	VOC, PCB, TPH, Metals
Laboratories used	Accutest
Paperwork & Equipment left at/in	O Feirck
Site Contact	—
Contractors on Site	—
Time and place to meet contractors	

Non-productive Time

- [x] None
- [ ] Equipment Breakdown
- [ ] Late
- [ ] Weather
- [ ] Missing Equipment
- [ ] Other (Describe)

Quality Assurance Checks

	Yes	N/A	No
Sample labels complete	X		
Sample/cooler seals OK	X		
All samples obtained	X		
Chains of custody	X		
All forms/logs complete	X		
Site walkover	X		
Site H&S Plan on site		X	
Instruments calibrated	X		

Residuals Disposition

Item	Approx. Amount	Container ID
Soil/Solid	—	
Groundwater	15	PW 614438
Decon Fluid	—	
PPE	—	
Other	—	

Instrument Calibrations

pH/Conductivity

Std.	Standard	Meter
✓ pH 4	4.01	4.75
✓ pH 7	7.04	7.68
✓ pH 10	10.25	9.76
Cond.		

PID/FID Meter

Std.	Standard	Meter
	100	96/94

- [x] Zero w/Background
- [ ] Zero w/Clean Air

Balance

Std.	Standard	Reading
Std. Mass		

Expendable Items Used

Qty	Item	LEA Number
	Bailer, 2 Part Product	197
	Bailer, Disposable (spec. size)	090
	Bailer, PVC, 1"	187
	Bailer, PVC, 1-1/2"	026
	Bailer, PVC, 2"	018
	Bailer, Stainless, 2"	027
	Bailer, Teflon	059
3'	~~Bentonite Chips, Bag~~ Soft Silicon 3/8 tubing.	~~089~~
4	~~100~~ Bentonite Pellets, Buckets 100' box 3/8 tubing.	
	Black Patch	999
	Boots, Rubber	069
	Cap, End, Vinyl (AT-641K or AT-726K)	150
	Cap, PVC, 1", (Threaded or FJT)	147
	Cap, PVC,1', Slip (S447010)	146
	Cap, Slip, 0.5" Vinyl (AT-441)	044
	Cap, Slip, 1" PVC (S447010)	146

Equipment Used

Qty	Item	LEA Number
	APR Full w/ Cartridges	071
	Air Sampler-MSA Escort Elf	047
	Air Tank Cylinder	043
	Automatic Level, Sokkisha	999
	Balance- Pocket Pro	061
2	~~Bomb Sampler~~ (see) Peck Pumps	~~042~~
2	~~Bucket w/ Lid, 5 gallon~~ pH Cond meter	~~999~~
2	~~Chevy Van~~ Turbidity meter	~~189~~
	Confined Space Entry System	156
	Core Saw	009
	Data Logger w/ Transducers	134
	Digital Camera	999
	Dredge Sampler	168
	Dump Hopper	193
	Exhaust Hose	033
	Ford F250-99	189

Field Personnel

Signature

Loureiro Engineering Associates, Inc.

DAILY FIELD REPORT

Supplemental Sheet

LEA Comm. No.	88UT113.001	Page 2 of 16
Project	Groundwater Investigation in the Vicinit	Date 12/23/02
Location		
Client	Pratt & Whitney East Hartford-JT	

Description of Site Activities

0845 arrive onsite
0900 arrive at upper pond, calibrated equipment & began sampling working our way from upper pond to lower wetlands

1515 disposed of waste @ 3 drum Building 6 in P+W supplied drum.

1545 dropped Badge off test site

Field Personnel Jason Miller
Jon Sweeton

Signature

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
MISCELLANEOUS SAMPLES

LEA Comm. No. 88UT113.001
Project Groundwater Investigation in the Vicinit
Location
Client Pratt & Whitney East Hartford-JT
Date 12/23/02

Sample ID	Location ID	Time	Sample Type	Depth (ft)	PID/FID Reading	Comments	Waste Container ID
2213482	WT-MW-49	1100	GW			Dup of 22134	
2213481	BKE	1530	BKE				
2213480	BKT	1500	BKT				
2213479	PE	1520	PE			PE for ETPH + metals	
2213478	PE	1525	PE			PE for VOCs + PCBs	

Field Personnel Jason Miller
Jon Sweeton

Signature

Loureiro Engineering Associates, Inc.

FIELD DATA RECORD
MONITORING WELL SAMPLE

LEA Comm. No.	**88UT113.001**	Page 4 of 16
Project	Groundwater Investigation in the Vicinit	Date 12/23/02
Location		Time 9:45
Client	Pratt & Whitney East Hartford-JT	

Monitoring Well Number WI-MW-47 Sample Number(s) 2213464 ~~2213464UF~~

Field Data and Measurements

Depth of Well 14.40 Reference Used Top of PVC Longitud

Depth to Water 8.00 PID/FID Reading 0 Latitude

Height of Column 6.40 Interface Yes / No If yes, Depth _____ Lighter / Heavier

Well Casing Diameter 2.5 Material PVC

Protector Road Box / Stickup

Ground to Reference _____

Comments _____

General Condition	OK	Bad
Casing Secure	✓	
Collar Intact	✓	
Cover Locked	✓	
Other (describe)		

Purging Information

Purge Volume Factors
- 0.5" - 0.01
- 1" - 0.041
- 1.5" - 0.091
- 2" - 0.16
- 4" - 0.65
- 6" - 1.5

Parameter \ Volumes	Initial	0.07	.14	1.00	2.00	2.50 ~~Sample~~
Gallons						
Temp (C)	9.9	10.8	11.3	12.1	12.0	11.9
pH (SU)	6.70	6.60	6.56	6.55	6.50	6.46
Spec. Cond. (umhos)	390	367	379	375	372	397
Turbidity (NTU)	7200	450	425	120	130	26
Other						

14

Purge Method Peristaltic Pump / Bailer / Inertial Pump / Other (Describe) _____

Waste Container ID 614438

Sampling Information

Sampling Method Peristaltic Pump / Bailer / Inertial Pump / Other (Describe) _____

Sample Quality
- [ ] Clear
- [ ] Colored _____
- [ ] Cloudy
- [x] Turbid
- [ ] Odor _____
- [ ] Sheen _____

Sample Filtered Yes / No If Yes, with what filter? _____

If No, be sure to use the sample labels with a 'uf' suffix, or add the suffix to the sample number, and record the complete number on the Chain of Custody

Field Decontamination? Yes / No If Yes, with what? _____

Cooler ID(s) _____

Additional Comments

Field Personnel Jason Miller _____ *Signature*

Jon Sweeton _____

Loureiro Engineering Associates, Inc.

FIELD DATA RECORD
MONITORING WELL SAMPLE

LEA Comm. No.	**88UT113.001**	Page 5 of 16
Project	Groundwater Investigation in the Vicinit	Date 12/23/02
Location		Time 9:45
Client	Pratt & Whitney East Hartford-JT	

Monitoring Well Number ~~[illegible]~~ WT-MW-48 Sample Number(s) 2213471 2213471UF

Field Data and Measurements

Depth of Well 7.55 Reference Used Top of PVC Longitud

Depth to Water 2.59 PID/FID Reading 0 Latitude

Height of Column 4.96 Interface Yes / No If yes, Depth _____ Lighter / Heavier

Well Casing Diameter 2" Material PVC

Protector Road Box / Stickup

Ground to Reference _____

Comments _____

General Condition	OK	Bad
Casing Secure	/	
Collar Intact	/	
Cover Locked	/	
Other (describe)	/	

Purging Information

Purge Volume Factors

0.5" - 0.01
1" - 0.041
1.5" - 0.091
2" - 0.16
4" - 0.65
6" - 1.5

Parameter \ Volumes	Initial					Sample
Gallons		.7	1.4	2.1		
Temp (C)	7.6	8.7	8.8	8.8		
pH (SU)	5.39	5.70	5.89	6.08		
Spec. Cond. (umhos)	1356	1321	1331	1307		
Turbidity (NTU)	60	58	55			
Other	6			3.7		

Purge Method Peristaltic Pump / Bailer / Inertial Pump / Other (Describe) _____

Waste Container ID 619438

Sampling Information

Sampling Method Peristaltic Pump / Bailer / Inertial Pump / Other (Describe) _____

Sample Quality
- ☐ Clear
- ☐ Colored _____
- ☐ Cloudy
- ☐ Turbid
- ☐ Odor _____
- ☐ Sheen _____

Sample Filtered Yes / No If Yes, with what filter? _____

If No, be sure to use the sample labels with a 'uf' suffix, or add the suffix to the sample number, and record the complete number on the Chain of Custody

Field Decontamination? Yes / No If Yes, with what? _____

Cooler ID(s) _____

Additional Comments

Field Personnel Jason Miller _____ *Signature* [signature]

Jon Sweeton _____

Loureiro Engineering Associates, Inc.

FIELD DATA RECORD
MONITORING WELL SAMPLE

LEA Comm. No.	**88UT113.001**	Page 6 of 16
Project	Groundwater Investigation in the Vicinit	Date 12/27/03
Location		Time 16:30
Client	Pratt & Whitney East Hartford-JT	

Monitoring Well Number WT-MW-45 Sample Number(s) 2213472 2213472DF

Field Data and Measurements

Depth of Well 13.6 Reference Used Top of PVC Longitud
Depth to Water 7.42 PID/FID Reading 0 Latitude
Height of Column 6.22 Interface Yes / No If yes, Depth _____ Lighter / Heavier

Well Casing Diameter .5 Material PVC

Protector Road Box / Stickup
Ground to Reference _____
Comments _____

General Condition	OK	Bad
Casing Secure	/	
Collar Intact		
Cover Locked		
Other (describe)		

Purging Information

Purge Volume Factors
0.5" - 0.01
1" - 0.041
1.5" - 0.091
2" - 0.16
4" - 0.65
6" - 1.5

Parameter \ Volumes	Initial					Sample
Gallons		.06	.12	.18		
Temp (C)	8.8	10.7	11.1	11.0		
pH (SU)	6.46	6.15	6.15	6.09		
Spec. Cond. (umhos)	1793	1.98m	1848	1797		
Turbidity (NTU)	154	6.63	5.01	4.79		
Other						

Purge Method Peristaltic Pump / Bailer / Inertial Pump / Other (Describe) _____
Waste Container ID 614488

Sampling Information

Sampling Method Peristaltic Pump / Bailer / Inertial Pump / Other (Describe) _____

Sample Quality
- [ ] Clear
- [ ] Colored _____
- [ ] Cloudy
- [ ] Turbid
- [ ] Odor _____
- [ ] Sheen _____

Sample Filtered Yes / No If Yes, with what filter? _____
If No, be sure to use the sample labels with a 'uf' suffix, or add the suffix to the sample number, and record the complete number on the Chain of Custody

Field Decontamination? Yes / No If Yes, with what? _____
Cooler ID(s) _____

Additional Comments

Field Personnel Jason Miller _____ *Signature*
Jon Sweeton _____

Loureiro Engineering Associates, Inc.

FIELD DATA RECORD
MONITORING WELL SAMPLE

LEA Comm. No.	88UT113.001	Page 2 of 16
Project	Groundwater Investigation in the Vicinit	Date 12/23/02
Location		Time 10:30
Client	Pratt & Whitney East Hartford-JT	

Monitoring Well Number WT-MW-46 Sample Number(s) 2213465 2213465DP

Field Data and Measurements

Depth of Well * Reference Used _____ Longitud
Depth to Water _____ PID/FID Reading 0 Latitude
Height of Column _____ Interface Yes / No If yes, Depth _____ Lighter / Heavier

Well Casing Diameter 1/2" Material PVC

Protector Road Box / Stickup
Ground to Reference _____
Comments unable to attain Measurements See Note

General Condition	OK	Bad
Casing Secure	X	
Collar Intact		X
Cover Locked	X	
Other (describe)		X TILTED

Purging Information

Purge Volume Factors
0.5" - 0.01
1" - 0.041
1.5" - 0.091
2" - 0.16
4" - 0.65
6" - 1.5

Parameter \ Volumes	Initial					Sample
Gallons	0	0.1	0.2	0.3		
Temp (C)	8.7	10.6	11.6	12.0		
pH (SU)	6.38	6.00	5.86	5.64		
Spec. Cond. (umhos)	483	474	457	458		
Turbidity (NTU)	55	7.9	1.4	1.4		
Other						

Purge Method Peristaltic Pump / Bailer / Inertial Pump / Other (Describe) _____
Waste Container ID 014438

Sampling Information

Sampling Method Peristaltic Pump / Bailer / Inertial Pump / Other (Describe) _____

Sample Quality
- [X] Clear
- [ ] Colored _____
- [ ] Cloudy
- [ ] Turbid
- [ ] Odor _____
- [ ] Sheen _____

Sample Filtered Yes / No If Yes, with what filter? _____
If No, be sure to use the sample labels with a 'uf' suffix, or add the suffix to the sample number, and record the complete number on the Chain of Custody

Field Decontamination? Yes / No If Yes, with what? _____
Cooler ID(s) _____

Additional Comments

*WELL CASING TILTED, COULD NOT GET WATER LEVEL, ASSUME 10' WATER FOR PURGING

Field Personnel Jason Miller _____ *Signature*
Jon Sweeton _____

Loureiro Engineering Associates, Inc.

FIELD DATA RECORD
MONITORING WELL SAMPLE

LEA Comm. No.	88UT113.001	Page 8 of 16
Project	Groundwater Investigation in the Vicinit	Date 12/23/02
Location		Time 11:15
Client	Pratt & Whitney East Hartford-JT	

Monitoring Well Number WT-MW-49 Sample Number(s) 2213473 2213473uf

2213482 2213482uf 1120

Field Data and Measurements

Depth of Well 9.81 Reference Used top PVC Longitud

Depth to Water 1.25 PID/FID Reading 0 Latitude

Height of Column 8.59 Interface Yes / No If yes, Depth _____ Lighter / Heavier

Well Casing Diameter 2" Material PVC

Protector Road Box / Stickup

Ground to Reference _____

Comments _____

General Condition	OK	Bad
Casing Secure	/	
Collar Intact		
Cover Locked		
Other (describe)	/	

Purging Information

Purge Volume Factors
- *0.5" - 0.01*
- *1" - 0.041*
- *1.5" - 0.091*
- *2" - 0.16*
- *4" - 0.65*
- *6" - 1.5*

Parameter \ Volumes	Initial					Sample
Gallons		1.4	2.8			
Temp (C)	8.6	10.1	10.3	10.2		
pH (SU)	6.53	6.25	6.53	6.55		
Spec. Cond. (umhos)	395	841	834	828		
Turbidity (NTU)	210	50	45	2.2		
Other						

Purge Method Peristaltic Pump / Bailer / Inertial Pump / Other (Describe) _____

Waste Container ID 614438

Sampling Information

Sampling Method Peristaltic Pump / Bailer / Inertial Pump / Other (Describe) _____

Sample Quality
- [ ] Clear
- [ ] Colored _____
- [ ] Cloudy
- [ ] Turbid
- [ ] Odor _____
- [ ] Sheen _____

Sample Filtered Yes / No If Yes, with what filter? _____

If No, be sure to use the sample labels with a 'uf' suffix, or add the suffix to the sample number, and record the complete number on the Chain of Custody

Field Decontamination? Yes / No If Yes, with what? _____

Cooler ID(s) _____

Additional Comments

Pond $\hat{e}$ 1.66

Field Personnel Jason Miller _____ Signature

Jon Sweeton _____

Loureiro Engineering Associates, Inc.

FIELD DATA RECORD
MONITORING WELL SAMPLE

LEA Comm. No.	**88UT113.001**	Page 9 of 16
Project	Groundwater Investigation in the Vicinit	Date 12/23/02
Location		Time 11:30
Client	Pratt & Whitney East Hartford-JT	

Monitoring Well Number WT-MW-4 Sample Number(s) 2213466 2213466UF

Field Data and Measurements

Depth of Well 13.65 Reference Used Top of PVC Longitud

Depth to Water 7.85 PID/FID Reading 0 Latitude

Height of Column 5.80 Interface Yes / No If yes, Depth _____ Lighter / Heavier

Well Casing Diameter 1/2" Material PVC

Protector Road Box / Stickup

Ground to Reference _____

Comments _____

General Condition	OK	Bad
Casing Secure	X	
Collar Intact	X	
Cover Locked	X	
Other (describe)		

Purging Information

Purge Volume Factors
- *0.5" - 0.01*
- *1" - 0.041*
- *1.5" - 0.091*
- *2" - 0.16*
- *4" - 0.65*
- *6" - 1.5*

Parameter \ Volumes	Initial					Sample
Gallons	0	0.06	0.12			
Temp (C)	11.9	12.5	13.0	13.0		
pH (SU)	6.85	6.70	6.61	6.57		
Spec. Cond. (umhos)	270	263	246	246		
Turbidity (NTU)	65	13	5.7	1.2		
Other						

Purge Method Peristaltic Pump / Bailer / Inertial Pump / Other (Describe) _____

Waste Container ID 614438

Sampling Information

Sampling Method Peristaltic Pump / Bailer / Inertial Pump / Other (Describe) _____

Sample Quality
- [x] Clear
- [ ] Colored _____
- [ ] Cloudy
- [ ] Turbid
- [ ] Odor _____
- [ ] Sheen _____

Sample Filtered Yes / No If Yes, with what filter? _____

If No, be sure to use the sample labels with a 'uf' suffix, or add the suffix to the sample number, and record the complete number on the Chain of Custody

Field Decontamination? Yes / No If Yes, with what? _____

Cooler ID(s) _____

Additional Comments

Field Personnel Jason Miller _____ *Signature*

Jon Sweeton _____

Loureiro Engineering Associates, Inc.

FIELD DATA RECORD
MONITORING WELL SAMPLE

LEA Comm. No.	88UT113.001	Page 10 of 16
Project	Groundwater Investigation in the Vicinit	Date 12/23/02
Location		Time 13:00
Client	Pratt & Whitney East Hartford-JT	

Monitoring Well Number WT-MW-43 Sample Number(s) 2213467 2213467UF

Field Data and Measurements

Depth of Well 11.90 Reference Used top of PVC Longitud
Depth to Water 6.85 PID/FID Reading 0 Latitude
Height of Column 6.05 Interface Yes / No If yes, Depth _____ Lighter / Heavier

Well Casing Diameter 1/2" Material PVC

Protector Road Box / Stickup
Ground to Reference _____
Comments _____

General Condition	OK	Bad
Casing Secure	X	
Collar Intact	X	
Cover Locked	X	
Other (describe)		

Purging Information

Purge Volume Factors
0.5" - 0.01
1" - 0.041
1.5" - 0.091
2" - 0.16
4" - 0.65
6" - 1.5

Parameter \ Volumes	Initial					Sample
Gallons	0	0.06	0.12	0.18		
Temp (C)	9.3	9.5	10.2	10.3		
pH (SU)	6.70	6.44	6.14	6.04		
Spec. Cond. (umhos)	223	220	210	217		
Turbidity (NTU)	108	22.7	5.3	4.5		
Other						

Purge Method Peristaltic Pump / Bailer / Inertial Pump / Other (Describe) _____
Waste Container ID 619438

Sampling Information

Sampling Method Peristaltic Pump / Bailer / Inertial Pump / Other (Describe) _____

Sample Quality
- [X] Clear
- [ ] Colored _____
- [ ] Cloudy
- [ ] Turbid
- [ ] Odor _____
- [ ] Sheen _____

Sample Filtered Yes / No If Yes, with what filter? _____
If No, be sure to use the sample labels with a 'uf' suffix, or add the suffix to the sample number, and record the complete number on the Chain of Custody

Field Decontamination? Yes / No If Yes, with what? _____
Cooler ID(s) _____

Additional Comments

Field Personnel Jason Miller _____ *Signature* [signature]
Jon Sweeton _____

Loureiro Engineering Associates, Inc.

FIELD DATA RECORD
MONITORING WELL SAMPLE

LEA Comm. No.	88UT113.001	Page 11 of 16
Project	Groundwater Investigation in the Vicinit	Date 12/23/02
Location		Time 13:00
Client	Pratt & Whitney East Hartford-JT	

Monitoring Well Number WT-MW-19 S Sample Number(s) 2213474 2213479UF

Field Data and Measurements

Depth of Well 12.63 Reference Used Top of PVC Longitud
Depth to Water 8.43 PID/FID Reading Latitude
Height of Column 4.20 Interface Yes / No If yes, Depth _____ Lighter / Heavier

Well Casing Diameter .50" Material PVC

Protector Road Box / Stickup
Ground to Reference _____
Comments _____

General Condition	OK	Bad
Casing Secure		
Collar Intact	/	
Cover Locked		
Other (describe)	/	

Purging Information

Purge Volume Factors
0.5" - 0.01
1" - 0.041
1.5" - 0.091
2" - 0.16
4" - 0.65
6" - 1.5

Parameter \ Volumes	Initial					Sample
Gallons		.01	.05	.13		
Temp (C)	9.5	10.9	11.4	11.5		
pH (SU)	7.06	6.98	6.97	6.87		
Spec. Cond. (umhos)	921	703	665	663		
Turbidity (NTU)	215	83	21	3.10		
Other _____						

Purge Method Peristaltic Pump / Bailer / Inertial Pump / Other (Describe) _____
Waste Container ID 614438

Sampling Information

Sampling Method Peristaltic Pump / Bailer / Inertial Pump / Other (Describe) _____

Sample Quality
- [ ] Clear
- [ ] Colored _____
- [ ] Cloudy
- [ ] Turbid
- [ ] Odor _____
- [ ] Sheen _____

Sample Filtered Yes / No If Yes, with what filter? _____

If No, be sure to use the sample labels with a 'uf' suffix, or add the suffix to the sample number, and record the complete number on the Chain of Custody

Field Decontamination? Yes / No If Yes, with what? _____
Cooler ID(s) _____

Additional Comments

Field Personnel Jason Miller _____ *Signature*
Jon Sweeton _____

Loureiro Engineering Associates, Inc.

FIELD DATA RECORD
MONITORING WELL SAMPLE

LEA Comm. No.	88UT113.001	Page 12 of 16
Project	Groundwater Investigation in the Vicinit	Date 12/21/03
Location		Time 14:02
Client	Pratt & Whitney East Hartford-JT	

Monitoring Well Number WT-MW-50 Sample Number(s) 2213475 2213475uF

Field Data and Measurements

Depth of Well 5.16 Reference Used Top of PVC Longitud
Depth to Water 3.25 PID/FID Reading Latitude
Height of Column 1.91 Interface Yes / No If yes, Depth _____ Lighter / Heavier

Well Casing Diameter 2" Material PVC

Protector Road Box (Stickup)
Ground to Reference _____
Comments _____

General Condition	OK	Bad
Casing Secure		
Collar Intact		
Cover Locked		
Other (describe)		

Purging Information

Purge Volume Factors
- *0.5" - 0.01*
- *1" - 0.041*
- *1.5" - 0.091*
- *2" - 0.16*
- *4" - 0.65*
- *6" - 1.5*

Parameter \ Volumes	Initial					Sample
Gallons		.3	.6	.9		
Temp (C)	7.68	8.2	8.7	9.0	9.4	
pH (SU)	7.09	7.06	7.04	7.02	7.03	
Spec. Cond. (umhos)	3.32 m	3.34 m	3.33 m	3.22	3.27	
Turbidity (NTU)	>200	>200	>200	>200	36	
Other						

Purge Method (Peristaltic Pump / Bailer) / Inertial Pump / Other (Describe) _____
Waste Container ID 619438

Sampling Information

Sampling Method (Peristaltic Pump / Bailer) / Inertial Pump / Other (Describe) _____

Sample Quality
- [ ] Clear
- [ ] Colored _____
- [ ] Cloudy
- [ ] Turbid
- [ ] Odor _____
- [ ] Sheen _____

Sample Filtered Yes / (No) If Yes, with what filter? _____

If No, be sure to use the sample labels with a 'uf' suffix, or add the suffix to the sample number, and record the complete number on the Chain of Custody

Field Decontamination? Yes / No If Yes, with what? _____
Cooler ID(s) _____

Additional Comments

Well went dry after 2 volumes. Recharged was able to get 2 more volumes. dry, recharge turbidity down to 36. Sampled.

Field Personnel			Signature
	Jason Miller		
	Jon Sweeton		

Loureiro Engineering Associates, Inc.

FIELD DATA RECORD
MONITORING WELL SAMPLE

LEA Comm. No.	**88UT113.001**	Page 13 of 16
Project	Groundwater Investigation in the Vicinit	Date 12/23/02
Location		Time 14:10
Client	Pratt & Whitney East Hartford-JT	

Monitoring Well Number WT-MW-~~31~~ 42 Sample Number(s) 2213468 2213468OF

Field Data and Measurements

Depth of Well 11.60 Reference Used Top of PVC Longitud
Depth to Water 9.68 PID/FID Reading 0 Latitude
Height of Column 1.92 Interface Yes / No If yes, Depth _____ Lighter / Heavier
Well Casing Diameter 12" Material PVC
Protector (Road Box) / Stickup
Ground to Reference _____
Comments _____

General Condition	OK	Bad
Casing Secure	X	
Collar Intact	X	
Cover Locked	X	
Other (describe)		

Purging Information

Purge Volume Factors
0.5" - 0.01
1" - 0.041
1.5" - 0.091
2" - 0.16
4" - 0.65
6" - 1.5

Parameter \ Volumes	Initial					Sample
Gallons	0	0.02				
Temp (C)	9.9	10.6	11.0	11.2		
pH (SU)	6.12	5.92	5.86	5.73		
Spec. Cond. (umhos)	303	307	304	303		
Turbidity (NTU)	260	3.7	3.7	4.9		
Other _____						

Purge Method (Peristaltic Pump) / Bailer / Inertial Pump / Other (Describe) _____
Waste Container ID 619438

Sampling Information

Sampling Method (Peristaltic Pump) / Bailer / Inertial Pump / Other (Describe) _____
Sample Quality
- [X] Clear
- [ ] Colored _____
- [ ] Cloudy
- [ ] Turbid
- [ ] Odor _____
- [ ] Sheen _____

Sample Filtered Yes / (No) If Yes, with what filter? _____
If No, be sure to use the sample labels with a 'uf' suffix, or add the suffix to the sample number, and record the complete number on the Chain of Custody
Field Decontamination? Yes / (No) If Yes, with what? _____
Cooler ID(s) _____

Additional Comments

Field Personnel Jason Miller _____ *Signature*
Jon Sweeton _____

Loureiro Engineering Associates, Inc.

FIELD DATA RECORD
MONITORING WELL SAMPLE

LEA Comm. No.	88UT113.001	Page 14 of 16
Project	Groundwater Investigation in the Vicinit	Date 12/23/02
Location		Time 14:45
Client	Pratt & Whitney East Hartford-JT	

Monitoring Well Number (U) - MW - 40 Sample Number(s) 2213476 22134708

Field Data and Measurements

Depth of Well 18.82 Reference Used Top of PVC Longitud
Depth to Water 11.56 PID/FID Reading 0 Latitude
Height of Column 6.26 Interface Yes / No If yes, Depth _____ Lighter / Heavier

Well Casing Diameter .5 Material PVC

Protector Road Box / Stickup
Ground to Reference _____
Comments _____

General Condition	OK	Bad
Casing Secure	/	
Collar Intact	/	
Cover Locked	/	
Other (describe)		

Purging Information

Purge Volume Factors
0.5" - 0.01
1" - 0.041
1.5" - 0.091
2" - 0.16
4" - 0.65
6" - 1.5

Parameter \ Volumes	Initial					Sample
Gallons		.06	.12	.18		
Temp (C)	12.2	14.0	14.6	14.3		
pH (SU)	7.12	7.04	6.89	6.99		
Spec. Cond. (umhos)	1276	1215	1208	1195		
Turbidity (NTU)	1200	3.8	1.64	0		
Other						

Purge Method Peristaltic Pump / Bailer / Inertial Pump / Other (Describe) _____
Waste Container ID 614438

Sampling Information

Sampling Method Peristaltic Pump / Bailer / Inertial Pump / Other (Describe) _____

Sample Quality
- [ ] Clear
- [ ] Colored _____
- [ ] Cloudy
- [ ] Turbid
- [ ] Odor _____
- [ ] Sheen _____

Sample Filtered Yes / No If Yes, with what filter? _____

If No, be sure to use the sample labels with a 'uf' suffix, or add the suffix to the sample number, and record the complete number on the Chain of Custody

Field Decontamination? Yes / No If Yes, with what? _____
Cooler ID(s) _____

Additional Comments

Field Personnel Jason Miller _____ *Signature*
Jon Sweeton _____

Loureiro Engineering Associates, Inc.

FIELD DATA RECORD
MONITORING WELL SAMPLE

LEA Comm. No.	**88UT113.001**	Page 16 of 16
Project	Groundwater Investigation in the Vicinit	Date 12/23/02
Location		Time 14:50
Client	Pratt & Whitney East Hartford-JT	

Monitoring Well Number WJ-MW-41 Sample Number(s) 2213469 2213469uF

Field Data and Measurements

Depth of Well 9.40 Reference Used Top of PVC Longitud
Depth to Water 4.95 PID/FID Reading 0 Latitude
Height of Column 4.45 Interface Yes / No If yes, Depth _____ Lighter / Heavier

Well Casing Diameter 1/2" Material PVC

Protector Road Box / Stickup
Ground to Reference _____
Comments _____

General Condition	OK	Bad
Casing Secure	X	
Collar Intact	X	
Cover Locked		X
Other (describe)		

Purging Information

Purge Volume Factors
0.5" - 0.01
1" - 0.041
1.5" - 0.091
2" - 0.16
4" - 0.65
6" - 1.5

Parameter / Volumes	Initial			[redacted]		Sample
Gallons	0	0.05				
Temp (C)	10.0	11.3	11.8	12.0		
pH (SU)	6.05	5.95	5.96	5.98		
Spec. Cond. (umhos)	365	373	379	385		
Turbidity (NTU)	1500	50	29	20		
Other						

Purge Method Peristaltic Pump / Bailer / Inertial Pump / Other (Describe) _____
Waste Container ID 614438

Sampling Information

Sampling Method Peristaltic Pump / Bailer / Inertial Pump / Other (Describe) _____

Sample Quality
- [ ] Clear
- [ ] Colored _____
- [ ] Cloudy
- [ ] Turbid
- [ ] Odor _____
- [ ] Sheen _____

Sample Filtered Yes / No If Yes, with what filter? _____

If No, be sure to use the sample labels with a 'uf' suffix, or add the suffix to the sample number, and record the complete number on the Chain of Custody

Field Decontamination? Yes / No If Yes, with what? _____
Cooler ID(s) _____

Additional Comments

[redacted]

Field Personnel Jason Miller _____ _____ *Signature*
Jon Sweeton _____ _____

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
PERFORMANCE SAMPLE

LEA Comm. No.	88UT113.001	Page 16 of 16
Project	Groundwater Investigation in the Vicinit	Date 12/22/92
Location		
Client	Pratt & Whitney East Hartford-JT	

LEA Sample ID 2213479 2X Lot # 1213 02-04.2
Diesel in Water

LEA Sample ID 2213479 Lot # 1213-02-04.4
metals

LEA Sample ID 2213478 2X Lot 1213-02-04.1
VOC's
1525

LEA Sample ID 2213478 2X Lot 1213-02-04.3
1525 PCB's

LEA Sample ID

LEA Sample ID

Field Personnel	Jason Miller	Signature
	Jon Sweeton	

Loureiro Engineering Associates, Inc.

DAILY FIELD REPORT

LEA Comm. No.: 88UT103.001
Project: Willow Brook Pond PCB
Location: P&W East Hartford
Project Manager: Brian Cutler
Client: United Technologies Corporation-LLe
Arrived at Site: 7:45 Departed Site at: 14:30

Page 1 of 13
Date: 9 / 24 / 02

Vehicle #150 Van Ranger Subaru Personal
Odometer (start) 36270.4
Odometer (finish) 36312.8

Site Activities

- [x] Soil Sampling
- [x] Groundwater Sampling
- [ ] Surface Water Sampling
- [ ] Vapor/Air Sampling
- [ ] Concrete Sampling
- [ ] Other Sampling
- [ ] Well Installation
- [ ] Well Development
- [ ] Geoprobe Work
- [ ] Concrete Coring
- [ ] Construction
- [ ] Inspection
- [ ] Waste Management
- [ ] Site Walk Over
- [ ] Surveying
- [ ] Other (Describe)

Non-productive Time

- [x] None
- [ ] Weather
- [ ] Equipment Breakdown
- [ ] Missing Equipment
- [ ] Late
- [ ] Other

Weather

Temperature:
High: 74
Low: 70
Wind:
Speed:
Direction:
Precipitation: none
Sky Conditions: cloudy

Status of Total Production

Item	Number: Today	Number: Total to Date	Number: % Comp.	Days: To Date	Days: Remaining
		1			
Total					

Residuals Disposition

Item	Approx. Amount	Drum/Container ID
Soil		
Groundwater	20 gals	614437
Decon Fluid		
PPE		
Other		

Current Project Information

Last Sample Number Used: 2112625
Last Location ID Used: equip Blank
Current Location (if not completed):
Sampling for:
Paperwork & Equipment Left at/in: None left
Laboratories used: Acutest

Site Contact: Contractors on site: Time/place to meet contractors:

Instrument Calibration

pH/Conductivity

		Std. Value	Meter
[x] pH 4	4		
[x] pH 7	7	Cond. Standard	
[x] pH 10	10	Temp. Comp.	(Yes) No

PID/FID Meter: PID 4

[ ] Zero w/Background		Span Gas Value	100
[ ] Zero w/Clean Air		Meter Reading	100

Other: Turbidity

Balance
Calib. Mass: Balance Reading:

QA Checklist

	Yes	N/A	No
Sample Labels Complete	✓		
Sample Seals OK			
All Samples Obtained	✓		
Chains of Custody			

	Yes	N/A	No
Appropriate Sample Forms/Logs	✓		
Miscellaneous Sample Log Form	✓		
Site Walkover			
Site H&SP On Site			

If the answer to any question is no, a comment must be provided on the Supplemental Sheet

Checked By:

Expendable Items Used

Qty	Item	LEA Number
	Bailer, 2 Part Product	197
	Bailer, Disposable (spec. size)	090
	Bailer, PVC, 1"	187
	Bailer, PVC, 1-1/2"	026
	Bailer, PVC, 2"	018
	Bailer, Stainless, 2"	027
	Bailer, Teflon	059
1	Decontamination Supplies	081
	Drum, Closed Top 55 gallon	029
	Filter, In Line	024
	Filter, Zap Cap	024
	Foot Valve and/or Surge Bloc	194
	Miscellaneous Health & Safety Items	060
3	Polyethylene Tubing (box) (spec. size)	999
	Water, Distilled	025

Equipment Used

Qty	Item	LEA Number
	Bomb Sampler	042
1	Meter, Conductivity	022
1	Meter, pH/Temp	021
1	Miscellaneous Small Tools & Equipment	152
1	Peristaltic Pump (spec. Master or Isco)	040
	Submersible Pump	201
1	Turbidimeter	023
1	VOC Analyzer- Photovac (PID)	012
1	Water Level Indicator	028
1	Water Sampling Kit	152
	Watera Pump	038

Field Personnel
C. Scott Brown
Dennis Chartier

Signature: Scott Brown

dfmew1.rpt

Loureiro Engineering Associates, Inc.

DAILY FIELD REPORT

Supplemental Sheet

LEA Comm. No.: 88UT103.001
Project: Willow Brook Pond PCB
Location: P&W East Hartford
Client: United Technologies Corporation-LLe

Page 2 of 13
Date: 9/24/02
Inspectors:
Inspection Time:

Description of Site Activities

7:45 onsite

8:15- 13:00- Finish Ground water sampling of post of wells around Willow Pond.

13:00-13:30 Re Sample wells - WT-MW-41 and WT-MW-43 for our Turbity was over 4 from yestor day.

13:30-13:45 Take care of Equipment Blank

13:45- 14:30 Take purge water over to waste treat ment and also finish paper work

14:30 leave site

Signature:

fedfi2.rpt

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
MISCELLANEOUS SAMPLES

LEA Comm. No.: 88UT103.001
Project: Willow Brook Pond PCB
Location: P&W East Hartford
Client: United Technologies Corporation-LLe

Page 3 of 13
Date: 9/24/02

Sample ID	Location ID	Time	Sample Type	Depth (ft)	PID/FID Reading	Comments	Waste Container ID
2112618	WT-MW-195	9:00	GW		0		614437
2112619	WT-MW-47	9:43	GW		0		614437
2112620	WT-MW-49	10:30	GW		0		614437
2112621	WT-MW-48	11:00	GW		0		614437
2112622	WT-MW-50	11:45	GW		0		614437
2112623	WT-MW-40	12:30	GW		0		614437
2112624	WT-MW-40	12:30	GW		0		614437
2112625	BKF	13:45	BKF		–	Equip Blank	
2112626	BKT		BKT		–	Trip Blank	
2112627	WT-MW-41	13:00	GW				614437
2112628	WT-MW-43	13:15	GW				614437

Samples sent to LEA Laboratory must be accompanied by Form leacust.rpt
Groundwater Samples must be accompanied by Form fedrg1.rpt

Field Personnel: C. Scott Brown
Dennis Chartier

Signature: Scott Brown

fefsrs.rpt

Loureiro Engineering Associates, Inc.

WASTE CONTAINER REPORT

LEA Comm. No.: .

Page 4 of 13

Project:

Date: 9/24/02

Location:

Inspectors:

Client: United Technologies Corporation-LLe

Inspection Time:

Waste Container Number:

Container Size: 55 gallon

Container Opening:

Container Material: purge water

	Container Color		Contents Color	
	Primary	Secondary	Primary	Secondary
cream				
clear			✓	
black	✓	✓		
white				
red				
green				
blue				
brown				✓
pink				
orange				
yellow				
grey				
purple				
amber				
green-blue				

Container Condition	
Good	✓
Fair	
Poor	

Container Contents	
Solid	
Liquid	✓
Sludge	
Gas	
Trash	
Dirt	
Gel	
Other	

Last Report

Full	Partial	Empty
	✓	

Started Filling on: 9/24/02

Filled on: / /

Container Weight Empty:

Container Weight Full:

Where is this container stored? 3 drum

If this container is off-site, where and how was it disposed of?

Shipped to:

by:

Manifest Number:

on: / /

Screening Information

Radioactive		Water Reactive		Halide		Cyanide	
Acidic		Water Soluble		Inorganic	X	Flammable	
Caustic		PID/FID Reading?		Organic		Oxidizer	
Air Reactive		Combustible		Alcohol/Aldehyde		Inert or Other	

Comments

Signature: Scott Brown

wastcont.rpt

Loureiro Engineering Associates, Inc.

FIELD DATA RECORD
GROUNDWATER

LEA Comm. No.: 88UT103.001
Project: Willow Brook Pond PCB
Location:
Client: United Technologies Corporation-LLe

Page 5 of 13
Date: 9/24/02
Sample Time: 9:00

Monitoring Well No.: WFMW-195 Sample Number(s): 2112618 2112618 of

Monitoring Well Data

Well Depth: 12.49
Type (Road Box) Stickup _____ Ft
Reference Used: Top of PVC Other _____

Depth to Water: 8.76
Interface Detected? Yes No ✓ If yes, : Lighter Heavier

Height of Water Column: 3.73
PID Reading: 0

Casing: (0.5" (x .01)) 2" (x .16) 1" (x .041) 4" (x .65) 1.5" (x .091) 6" (x 1.5) .04 x dia (inches)^2 x height (feet)

Casing Material: PVC ✓ SS Other _____

Well Integrity:	Yes	No
Casing Secure?	✓	
Collar Intact?	✓	
Well Locked?		✓
Other?		

Purge Data

Gallons to be Purged: 0.09

	Initial	Volume 1	Volume 2	Volume 3	Volume 4	Final/Sample
Gallons Purged		0.03	0.06	0.09		
Temp (C)	19.1	18.9	18.8	18.8		19.7
pH (SU)	6.52	6.55	6.60	6.58		6.63
Specific Conductivity (µs/cm)	819	724	742	750		749
Turbidity	< 450	15	1.1	1.4		0.70

Sample Observations Clear ✓ Colored ☐ Cloudy ☐ Turbid ☐ Odor ☐ Sheen ☐

Comments: _____

Equipment/Materials

Purge Method (Peri) Bailer Inertial Othe _____
Sampling Method (Peri) check valve Bailer Inertial Othe _____

Field Decon? yes water level
Sample Filtered? Yes No ✓ with _____

Waste Container ID: 614437
Cooler ID: _____
Comments:

Field Personnel: _____

Signature: Scott Brown

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Loureiro Engineering Associates, Inc.

FIELD DATA RECORD
GROUNDWATER

LEA Comm. No.: 88UT103.001
Project: Willow Brook Pond PCB
Location:
Client: United Technologies Corporation-LLe

Page 6 of 13
Date: 9 / 24 / 02
Sample Time: 9 :43

Monitoring Well No.: UT-MW-47 Sample Number(s): 2112619 2112619 UF

Monitoring Well Data

Well Depth: 14.38
Depth to Water: 8.91
Height of Water Column: 5.47

Type (Road Box) Stickup _____ Ft
Reference Used: Top of PVC Other _____
Interface Detected? Yes [ ] No [✓] If yes, : Lighter [ ] Heavier [ ]
PID Reading: 0

Casing: (0.5" (x .01)) 2" (x .16) 1" (x .041) 4" (x .65) 1.5" (x .091) 6" (x 1.5) .04 x dia (inches)^2 x height (feet)

Casing Material: PVC [✓] SS [ ] Other [ ] _____

Well Integrity:	Yes	No
Casing Secure?	✓	
Collar Intact?	✓	
Well Locked?		✓
Other? _____		

Purge Data

Gallons to be Purged: 0.25

	Initial	Volume 1	Volume 2	Volume 3	Volume 4	Final/Sample	
Gallons Purged		0.05	0.10	0.15	0.20	0.25	
Temp (C)	18.5	18.1	17.8	18.1	17.8	17.9	17.8
pH (SU)	6.59	6.58	6.64	6.64	6.61	6.71	6.70
Specific Conductivity (µs/cm)	336	336	341	336	348	339	340
Turbidity	<480	<450	700	75	31	35	2.5

Sample Observations Clear [✓] Colored [ ] Cloudy [ ] Turbid [ ] Odor [ ] Sheen [ ]

Comments: _____

Equipment/Materials

Purge Method (Peri) Bailer Inertial Othe _____
Sampling Method (Peri) Bailer Inertial Othe _____ check valve
Field Decon? water level
Sample Filtered? Yes [ ] No [✓] with _____

Waste Container ID: 614457
Cooler ID: _____
Comments:

Field Personnel: _____

Signature: Scott Brown

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Loureiro Engineering Associates, Inc.

FIELD DATA RECORD
GROUNDWATER

LEA Comm. No.: **88UT103.001**
Project: Willow Brook Pond PCB
Location:
Client: United Technologies Corporation-LLe

Page 7 of 13
Date: 9/24/02
Sample Time: 10:30

Monitoring Well No.: WT-MW-49 Sample Number(s): 2112620 2119620cF

Monitoring Well Data

Well Depth: 6.50
Depth to Water: 1.50
Height of Water Column: 5.00

Type Road Box Stickup _____ Ft
Reference Used: Top of PVC Other _____
Interface Detected? Yes [ ] No [✓] If yes, : Lighter [ ] Heavier [ ]
PID Reading: 0

Casing: 0.5" (x .01) 2" (x .16) 1" (x .041) 4" (x .65) 1.5" (x .091) 6" (x 1.5) .04 x dia (inches)^2 x height (feet)

Casing Material: PVC [✓] SS [ ] Other [ ] _____

Well Integrity:	Yes	No
Casing Secure?	✓	
Collar Intact?	✓	
Well Locked?		✓
Other?		

Purge Data

Gallons to be Purged: 3.2

	Initial	Volume 1	Volume 2	Volume 3	Volume 4	Final/Sample
Gallons Purged		0.8	1.6	2.4	3.2	
Temp (C)	22.4	21.7	21.6	22.3	22.5	21.5
pH (SU)	6.54	6.59	6.61	6.67	6.68	6.59
Specific Conductivity (µs/cm)	913	647	677	557	557	563
Turbidity	450	11	9.2	6.5	4.0	3.2

Sample Observations Clear [✓] Colored [ ] Cloudy [ ] Turbid [ ] Odor [ ] Sheen [ ]

Comments: _____

Equipment/Materials

Purge Method Peri Bailer Inertial Othe _____
Sampling Method Peri Bailer Inertial Othe check valve
Field Decon? water level
Sample Filtered? Yes [ ] No [✓] with _____

Waste Container ID: 614437
Cooler ID: _____
Comments:

Field Personnel: _____

Signature: Scott Brown

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Loureiro Engineering Associates, Inc.

FIELD DATA RECORD
GROUNDWATER

LEA Comm. No.: 88UT103.001
Project: Willow Brook Pond PCB
Location:
Client: United Technologies Corporation-LLe

Page 8 of 13
Date: 9 / 24 / 02
Sample Time: 11 :00

Monitoring Well No.: WT-MW-46 Sample Number(s): 2112621 2112621uF

Monitoring Well Data

Well Depth: 7.53

Type Road Box Stickup _____ Ft
Reference Used: Top of PVC Other _____

Depth to Water: 2.63

Interface Detected? Yes [ ] No [✓] If yes, : Lighter [ ] Heavier [ ]

Height of Water Column: 4.90

PID Reading: 0

Casing: 0.5" (x .01) 2" (x .16) 1" (x .041) 4" (x .65) 1.5" (x .091) 6" (x 1.5) .04 x dia (inches)^2 x height (feet)

Casing Material: PVC [✓] SS [ ] Other [ ] _____

Well Integrity:	Yes	No
Casing Secure?	✓	
Collar Intact?	✓	
Well Locked?		✓
Other?		

Purge Data

Gallons to be Purged: 2.34

	Initial	Volume 1	Volume 2	Volume 3	Volume 4	Final/Sample
Gallons Purged		0.78	1.56	2.34 ~~0.75~~		
Temp (C)	22.6	22.3	21.7	21.4		21.4
pH (SU)	6.44	6.27	6.23	6.27		6.29
Specific Conductivity (µs/cm)	875	863	854	866		865
Turbidity	150	15	11	4.1		3.5

Sample Observations Clear [✓] Colored [ ] Cloudy [ ] Turbid [ ] Odor [ ] Sheen [ ]

Comments: _____

Equipment/Materials

Purge Method Peri. Bailer Inertial Othe _____

Sampling Method Peri. Bailer Inertial Othe check valve

Field Decon? water level

Sample Filtered? Yes [ ] No [✓] with _____

Waste Container ID: 614437

Cooler ID: _____

Comments:

Field Personnel:

_____
_____
_____
_____

Signature: Scott Brown

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Loureiro Engineering Associates, Inc.

FIELD DATA RECORD
GROUNDWATER

LEA Comm. No.: 88UT103.001
Project: Willow Brook Pond PCB
Location:
Client: United Technologies Corporation-LLe

Page 9 of 13
Date: 8/24/02
Sample Time: 11:45

Monitoring Well No.: WT-MW-50 Sample Number(s): 2112622 2112622UF

Monitoring Well Data

Well Depth: 5.30
Depth to Water: 2.37
Height of Water Column: 2.93

Type Road Box. Stickup _____ Ft
Reference Used: Top of PVC Other _____

Interface Detected? Yes [ ] No [✓] If yes, : Lighter [ ] Heavier [ ]

PID Reading: _____

Casing: 0.5" (x .01) 2" (x .16) 1" (x .041) 4" (x .65) 1.5" (x .091) 6" (x 1.5)
.04 x dia (inches)^2 x height (feet)

Casing Material: PVC [✓] SS [ ] Other [ ] _____

Well Integrity:	Yes	No
Casing Secure?	✓	
Collar Intact?	✓	
Well Locked?		✓
Other?		

Purge Data

Gallons to be Purged:

	Initial	Volume 1	Volume 2	Volume 3	Volume 4	Final/Sample
Gallons Purged		0.46	0.92	1.38		
Temp (C)	22.3	21.8	21.7	22.0		21.9
pH (SU)	6.47	6.37	6.36	6.38		6.35
Specific Conductivity (µs/cm)	843	842	844	847		847
Turbidity	150	75	37	3.5		1.2

Sample Observations Clear [✓] Colored [ ] Cloudy [ ] Turbid [ ] Odor [ ] Sheen [ ]

Comments: _____

Equipment/Materials

Purge Method Peri Bailer Inertial Othe _____

Sampling Method Peri Bailer Inertial Othe _____ check valve

Field Decon? water level

Sample Filtered? Yes [ ] No [✓] with _____

Waste Container ID: 614437

Cooler ID: _____

Comments:

Field Personnel: _____

Signature: Scott Brown

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Loureiro Engineering Associates, Inc.

FIELD DATA RECORD
GROUNDWATER

LEA Comm. No.: 88UT103.001
Project: Willow Brook Pond PCB
Location:
Client: United Technologies Corporation-LLe

Page 10 of 13
Date: 9/24/02
Sample Time: 12:30

Monitoring Well No.: WT-mW-40 Sample Number(s): 2112623 2112623UF

Monitoring Well Data

Well Depth: 18.80
Depth to Water: 9.31
Height of Water Column: 9.49

Type Road Box Stickup _____ Ft
Reference Used: Top of PVC Other _____
Interface Detected? Yes [ ] No [✓] If yes, : Lighter [ ] Heavier [ ]
PID Reading: 0

Casing: 0.5" (x .01) 2" (x .16) 1" (x .041) 4" (x .65) 1.5" (x .091) 6" (x 1.5) .04 x dia (inches)^2 x height (feet)

Casing Material: PVC [✓] SS [ ] Other [ ]

Well Integrity:	Yes	No
Casing Secure?	✓	
Collar Intact?	✓	
Well Locked?	✓	
Other?		

Purge Data

Gallons to be Purged: 0.27

	Initial	Volume 1	Volume 2	Volume 3	Volume 4	Final/Sample
Gallons Purged		0.09	0.18	0.27	0.36	
Temp (C)	24.6	24.5	24.5	24.5		24.4
pH (SU)	6.42	6.48	6.51	6.53		6.55
Specific Conductivity (µs/cm)	848	843	838	831		834
Turbity	12	1.5	2.9	1.0		.75

Sample Observations Clear [✓] Colored [ ] Cloudy [ ] Turbid [ ] Odor [ ] Sheen [ ]

Comments: _____

Equipment/Materials

Purge Method Peri Bailer Inertial Othe _____ Sampling Method Peri check valve Bailer Inertial Othe _____

Field Decon? ~~614437~~ 653 yes water level Sample Filtered? Yes [ ] No [✓] with _____

Waste Container ID: 614437 Cooler ID: _____

Comments:

Field Personnel: _____

Signature: [signature]

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Loureiro Engineering Associates, Inc.

FIELD DATA RECORD
GROUNDWATER

LEA Comm. No.: 88UT103.001
Project: Willow Brook Pond PCB
Location:
Client: United Technologies Corporation-LLe

Page 11 of 13
Date: 9 / 24 / 02
Sample Time: 12 : 30

Monitoring Well No.: WT-MW-40 Sample Number(s): 2112624 Dup 2112624UF

Monitoring Well Data

Well Depth: 18.80
Depth to Water: 9.31
Height of Water Column: 9.49

Type Road Box Stickup _____ Ft
Reference Used: Top of PVC Other _____
Interface Detected? Yes [ ] No [✓] If yes, : Lighter [ ] Heavier [ ]
PID Reading: 0

Casing: 0.5" (x .01) 2" (x .16) 1" (x .041) 4" (x .65) 1.5" (x .091) 6" (x 1.5) .04 x dia (inches)^2 x height (feet)

Casing Material: PVC [✓] SS [ ] Other [ ]

Well Integrity:	Yes	No
Casing Secure?	✓	
Collar Intact?	✓	
Well Locked?	✓	
Other?		

Purge Data

Gallons to be Purged: 0.27

	Initial	Volume 1	Volume 2	Volume 3	Volume 4	Final/Sample
Gallons Purged		0.09	0.18	0.27		
Temp (C)	24.6	24.5	24.5	24.5		24.4
pH (SU)	6.42	6.44	6.51	6.53		6.55
Specific Conductivity (µs/cm)	848	843	838	831		834
	12	1.5	2.9	1.0		.75

Sample Observations Clear [✓] Colored [ ] Cloudy [ ] Turbid [ ] Odor [ ] Sheen [ ]

Comments: _____

Equipment/Materials

Purge Method Peri Bailer Inertial Othe _____ Sampling Method Peri Bailer Inertial Othe _____ check valve

Field Decon? water level Sample Filtered? Yes [ ] No [✓] with _____

Waste Container ID: 614437 Cooler ID: _____
Comments:

Field Personnel: _____

Signature: Scott Brown

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Loureiro Engineering Associates, Inc.

FIELD DATA RECORD
GROUNDWATER

LEA Comm. No.: **88UT103.001**
Project: Willow Brook Pond PCB
Location:
Client: United Technologies Corporation-LLe

Page 13 of 13
Date: 9/24/02
Sample Time: 13:15

Monitoring Well No.: WT-MW-43 Sample Number(s): 2112628

2112628UT

Monitoring Well Data

Well Depth: 11.76
Depth to Water: 7.46
Height of Water Column: 4.30

Type (Road Box) Stickup _____ Ft
Reference Used: (Top of PVC) Other _____
Interface Detected? Yes [ ] No [X] If yes, : Lighter [ ] Heavier [ ]
PID Reading: 0

Casing: (0.5" (x .01)) 2" (x .16) 1" (x .041) 4" (x .65) 1.5" (x .091) 6" (x 1.5)
.04 x dia (inches)^2 x height (feet)

Casing Material: PVC [✓] SS [ ] Other [ ] _____

Well Integrity:	Yes	No
Casing Secure?	✓	
Collar Intact?	✓	
Well Locked?		✓
Other?		

Purge Data

Gallons to be Purged:

	Initial	Volume 1	Volume 2	Volume 3	Volume 4	Final/Sample
Gallons Purged		0.04	.08	.12		
Temp (C)	19.8	19.1	18.3	18.5		18.2
pH (SU)	6.05	5.99	5.81	5.73		5.84
Specific Conductivity (µs/cm)	234	246	228	219		223
_____	195	47	13	6.7		3.9

Sample Observations Clear [X] Colored [ ] Cloudy [ ] Turbid [ ] Odor [ ] Sheen [ ]

Comments:

Equipment/Materials

Purge Method (Peri.) Bailer Inertial Othe _____
Sampling Method (Peri.) Bailer Inertial Othe _____
Field Decon? Yes
Sample Filtered? Yes [ ] No [X] with _____

Waste Container ID: 614437
Cooler ID:
Comments:

Field Personnel: Scott Brown

Signature: Scott Brown

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Loureiro Engineering Associates, Inc.

FIELD DATA RECORD
GROUNDWATER

LEA Comm. No.: 88UT103.001
Project: Willow Brook Pond PCB
Location:
Client: United Technologies Corporation-LLe

Page 12 of 13
Date: 8/24/02
Sample Time: 13:00

Monitoring Well No.: WT-MW-41 Sample Number(s): 2112627 2112627 uF

Monitoring Well Data

Well Depth: 9.36
Depth to Water: 5.29
Height of Water Column: 4.07

Type: Road Box Stickup _____ Ft
Reference Used: Top of PVC Other _____
Interface Detected? Yes No ✓ If yes, : Lighter Heavier

PID Reading: Ø

Casing: 0.5" (x .01) 2" (x .16) 1" (x .041) 4" (x .65) 1.5" (x .091) 6" (x 1.5)
.04 x dia (inches)^2 x height (feet)

Casing Material: PVC ✓ SS Other

Well Integrity:	Yes	No
Casing Secure?	✓	
Collar Intact?	✓	
Well Locked?		✓
Other?		

Purge Data

Gallons to be Purged:

	Initial	Volume 1	Volume 2	Volume 3	Volume 4	Final/Sample
Gallons Purged		0.04	0.08	0.12		0.16
Temp (C)	19.6	18.4	18.1	18.1		18.3
pH (SU)	7.04	6.22	6.18	6.19		6.16
Specific Conductivity (µs/cm)	212	315	398	387		383
turbidity	110	34	12	5.9		3.7

Sample Observations Clear ✓ Colored Cloudy Turbid Odor Sheen

Comments:

Equipment/Materials

Purge Method Peri Bailer Inertial Othe _____
Sampling Method Peri Bailer Inertial Othe _____
Field Decon? Yes
Sample Filtered? Yes No ✓ with _____

Waste Container ID: 614437
Cooler ID:
Comments:

Field Personnel: Scott Brown

Signature: Scott Brown

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Loureiro Engineering Associates, Inc.

DAILY FIELD REPORT

LEA Comm. No.: 88UT103.001
Project: Willow Brook Pond PCB
Location: P&W East Hartford
Project Manager: Brian Cutler
Client: United Technologies Corporation-LLe
Arrived at Site: 8:15 Departed Site at: 15:45

Page 1 of 9
Date: 09/23/02

Vehicle: F-150 ~~Van Ranger Subaru Personal~~
Odometer (start) 36938.7
Odometer (finish) 36260.4

Site Activities

- [ ] Soil Sampling
- [x] Groundwater Sampling
- [ ] Surface Water Sampling
- [ ] Vapor/Air Sampling
- [ ] Concrete Sampling
- [ ] Other Sampling
- [x] Well Installation
- [x] Well Development
- [ ] Geoprobe Work
- [ ] Concrete Coring
- [ ] Construction
- [ ] Inspection
- [x] Waste Management
- [x] Site Walk Over
- [ ] Surveying
- [ ] Other (Describe)

Non-productive Time

- [x] None
- [ ] Weather
- [ ] Equipment Breakdown
- [ ] Missing Equipment
- [ ] Late
- [ ] Other

Weather

Temperature:
High: 78°F
Low: 72°F
Wind:
Speed: 5mph
Direction: W
Precipitation: NO
Sky Conditions: HAZY

Status of Total Production

Item	Number: Today	Number: Total to Date	Number: % Comp.	Days: To Date	Days: Remaining
Total					

Residuals Disposition

Item	Approx. Amount	Drum/Container ID
Soil		
Groundwater	5 gals	614437
Decon Fluid		
PPE		
Other		

Current Project Information

Last Sample Number Used: 2112616
Last Location ID Used: WT. MW-46
Current Location (if not completed): —
Sampling for: see ARP
Paperwork & Equipment Left at/in: Willow Pond
Laboratories used: Accutest

Site Contact: —
Contractors on site: —
Time/place to meet contractors: —

Instrument Calibration

pH/Conductivity

- [x] pH 4
- [x] pH 7
- [x] pH 10

Std. Value / Meter
12880 Cond. Standard
Temp. Comp. Yes No

PID/FID Meter PID

- [x] Zero w/Background
- [ ] Zero w/Clean Air

Span Gas Value 100ppm
Meter Reading 100ppm

Other

Balance
Calib. Mass
Balance Reading

QA Checklist

	Yes	N/A	No
Sample Labels Complete	✓		
Sample Seals OK			
All Samples Obtained	✓		
Chains of Custody			

	Yes	N/A	No
Appropriate Sample Forms/Logs	✓		
Miscellaneous Sample Log Form	✓		
Site Walkover	✓		
Site H&SP On Site	✓		

If the answer to any question is no, a comment must be provided on the Supplemental Sheet

Checked By

Expendable Items Used

Qty	Item	LEA Number
	Bailer, 2 Part Product	197
	Bailer, Disposable (spec. size)	090
	Bailer, PVC, 1"	187
1	Bailer, PVC, 1-1/2"	026
	Bailer, PVC, 2"	018
	Bailer, Stainless, 2"	027
	Bailer, Teflon	059
1	Decontamination Supplies	081
	Drum, Closed Top 55 gallon	029
	Filter, In Line	024
	Filter, Zap Cap	024
	Foot Valve and/or Surge Bloc	194
	Miscellaneous Health & Safety Items	060
3	Polyethylene Tubing (box) (spec. size) 3/8"	999
	Water, Distilled	025

Equipment Used

Qty	Item	LEA Number
✓	Bomb Sampler	042
✓	Meter, Conductivity	022
✓	Meter, pH/Temp	021
1	Miscellaneous Small Tools & Equipment	152
1	Peristaltic Pump (spec. Master or Isco)	040
	Submersible Pump	201
1	Turbidimeter	023
1	VOC Analyzer- Photovac (PID)	012
1	Water Level Indicator	028
1	Water Sampling Kit	152
	Waters Pump	038

Field Personnel
C. Scott Brown
Dennis Chartier

Signature:

dfinew1.rpt

Loureiro Engineering Associates, Inc.

DAILY FIELD REPORT

Supplemental Sheet

LEA Comm. No.: **88UT103.001**
Project: Willow Brook Pond PCB
Location: P&W East Hartford
Client: United Technologies Corporation-LLe

Page 2 of 9
Date: 09/23/02
Inspectors: DENNIS CHARTIER/SCOTT BROWN
Inspection Time:

Description of Site Activities

8:15 - ARIVE ON SITE - GET BOAT FROM WASTE TREATMENT, COMPLETE WILLOW POND CHECKLIST.
11:40 - START GROUNDWATER SAMPLING IN WETLANDS WORKING TOWARDS UPPER POND.
3:15 - FINISH FOR DAY. UNPACK EQUIPMENT @ POND OFFICE.
3:45 - HEAD BACK TO LEA

Signature:

fedfr2.rpt

Loureiro Engineering Associates, Inc.

FIELD SAMPLING RECORD
MISCELLANEOUS SAMPLES

LEA Comm. No.: 88UT103.001
Project: Willow Brook Pond PCB
Location: P&W East Hartford
Client: United Technologies Corporation-LLe

Page 3 of 9
Date: 09 / 23 / 02

Sample ID	Location ID	Time	Sample Type	Depth (ft)	PID/FID Reading	Comments	Waste Container ID
2112612	WT-MW-42	12:06	GW	—	0	N/C	
2112611	WT-MW-41	11:32	GW	—	0	N/C	
2112613	WT-MW-43	13:00	GW	—	0	N/C	
2112614	WT-MW-44	13:35	GW	—	0	N/C	
2112615	WT-MW-45	14:30	GW	—	0	N/C	
2112616	WT-MW-46	15:04	GW	—	0	N/C	

Samples sent to LEA Laboratory must be accompanied by Form leacust.rpt
Groundwater Samples must be accompanied by Form fedrg1.rpt

Field Personnel: C. Scott Brown
Dennis Chartier

Signature: [signature]

fefsrs.rpt

Loureiro Engineering Associates, Inc.

FIELD DATA RECORD
GROUNDWATER

LEA Comm. No.: 88UT103.001
Project: Willow Brook Pond PCB
Location:
Client: United Technologies Corporation-LLe

Page 4 of 9
Date: 9 / 23 / 02
Sample Time: 11 : 32

Monitoring Well No.: WT-MW-41 Sample Number(s): 2112611 2112611uF

Monitoring Well Data

Well Depth: 9.36
Depth to Water: 5.29
Height of Water Column: 4.07

Type (Road Box) Stickup _____ Ft
Reference Used: (Top of PVC) Other _____

Interface Detected? Yes [ ] No [✓] If yes, : Lighter [ ] Heavier [ ]

PID Reading: 0

Casing (0.5" (x .01)) 2" (x .16) 1" (x .041) 4" (x .65) 1.5" (x .091) 6" (x 1.5)
.04 x dia (inches)^2 x height (feet)

Casing Material: PVC [✓] SS [ ] Other [ ]

Well Integrity:	Yes	No
Casing Secure?	✓	
Collar Intact?	✓	
Well Locked?		✓
Other?		

Purge Data

Gallons to be Purged: 0.12

	Initial	Volume 1	Volume 2	Volume 3	~~Volume 4~~	Final Sample
Gallons Purged		0.04	0.08	0.12	[redacted]	
Temp (C)	20.5	18.6	18.5	18.5	[redacted]	18.4
pH (SU)	7.37	6.15	5.93	6.02	[redacted]	6.09
Specific Conductivity (µs/cm)	5.12	392	388	387	[redacted]	380
TURBIDITY	450	345	33	21	[redacted]	29

[redacted]

Sample Observations Clear [✓] Colored [ ] Cloudy [ ] Turbid [ ] Odor [ ] Sheen [ ]

Comments: N/C

STE
D'
9/

Equipment/Materials

Purge Method (Peri.) Bailer Inertial Othe _____

Sampling Method (Peri.) w/CHECK VALVE Bailer Inertial Othe _____

Field Decon? ~~NO~~ YES

Sample Filtered? Yes [ ] No [✓] with _____

Waste Container ID: 614437

Cooler ID: _____

Comments:

Field Personnel: DENNIS CHARTIER
SCOTT BROWN

Signature: [signature]

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Loureiro Engineering Associates, Inc.

FIELD DATA RECORD
GROUNDWATER

LEA Comm. No.: 88UT103.001
Project: Willow Brook Pond PCB
Location:
Client: United Technologies Corporation-LLe

Page 5 of 9
Date: 09/23/02
Sample Time: 12:06

Monitoring Well No.: WT-MW-42 Sample Number(s): 2112612 2112612UF

Monitoring Well Data

Well Depth: 8.86
Depth to Water: 3.36
Height of Water Column: 5.50

Type (Road Box) Stickup ___ Ft
Reference Used: (Top of PVC) Other ___
Interface Detected? Yes [ ] No [✓] If yes, Lighter Heavier

PID Reading: 0

Casing (0.5" (x .01)) 2" (x .16) 1" (x .041) 4" (x .65) 1.5" (x .091) 6" (x 1.5)
.04 x dia (inches)^2 x height (feet)

Casing Material: PVC [✓] SS [ ] Other [ ]

Well Integrity:	Yes	No
Casing Secure?	✓	
Collar Intact?	✓	
Well Locked?		✓
Other?		

Purge Data

Gallons to be Purged: 0.15

	Initial	Volume 1	Volume 2	Volume 3	Volume 4	(Final) Sample
Gallons Purged		0.05	0.10	0.15		
Temp (C)	20.1	18.7	18.9	17.8		18.3
pH (SU)	588	571	584	581		588
Specific Conductivity (µs/cm)	252	262	260	258		256
TURBIDITY	> METER READS	700	26	5.6		3.7

Sample Observations Clear [✓] Colored [ ] Cloudy [ ] Turbid [ ] Odor [ ] Sheen [ ]

Comments:

Equipment/Materials

Purge Method (Peri.) Bailer Inertial Othe ___
Field Decon? ~~NO~~ YES

Sampling Method (Peri. w/ CHECK VALVE) Bailer Inertial Othe ___
Sample Filtered? Yes [ ] No [✓] with ___

Waste Container ID: 614437
Cooler ID:
Comments:

Field Personnel: DENNIS CHARTIER
SCOTT BROWN

Signature: [signature]

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Loureiro Engineering Associates, Inc.

FIELD DATA RECORD
GROUNDWATER

LEA Comm. No.: 88UT103.001
Project: Willow Brook Pond PCB
Location:
Client: United Technologies Corporation-LLe

Page 6 of 9
Date: 09 / 23 / 02
Sample Time: 13 : 00

Monitoring Well No.: WT-MW-43 Sample Number(s): 2112613 2112613UF

Monitoring Well Data

Well Depth: 11.76
Depth to Water: 7.46
Height of Water Column: 4.30

Type Road Box Stickup _____ Ft
Reference Used: Top of PVC Other _____

Interface Detected? Yes [ ] No [✓] If yes, : Lighter [ ] Heavier [ ]

PID Reading: 0

Casing: 0.5" (x .01) 2" (x .16)
1" (x .041) 4" (x .65)
1.5" (x .091) 6" (x 1.5)
.04 x dia (inches)^2 x height (feet)

Casing Material: PVC [✓] SS [ ] Other [ ] _____

Well Integrity:	Yes	No
Casing Secure?	✓	
Collar Intact?	✓	
Well Locked?		✓
Other?		

Purge Data

Gallons to be Purged: .13

	Initial	Volume 1	Volume 2	Volume 3	Volume 4	Final/Sample
Gallons Purged		0.04	.08	.12		
Temp (C)	20.0	19.6	18.4	18.3	[redacted]	18.5
pH (SU)	6.02	5.95	589	578	[redacted]	588
Specific Conductivity (µs/cm)	237	233	233	235	[redacted]	236
TURBIDITY	> METER READS	180	50	45	[redacted]	29

[redacted]

Sample Observations Clear [✓] D.L. Colored [ ] Cloudy [✓] Turbid [ ] Odor [ ] Sheen [ ]

Comments: N/C

STE
-D'
9/2

Equipment/Materials

Purge Method Peri. Bailer Inertial Othe _____

Sampling Method Peri. w/CHECK VALVE Bailer Inertial Othe _____

Field Decon? ~~NO~~ YES

Sample Filtered? Yes [ ] No [✓] with _____

Waste Container ID: 614437 Cooler ID: _____

Comments:

Field Personnel: DENNIS CHARTIER
SCOTT BROWN

Signature: [signature]

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Loureiro Engineering Associates, Inc.

FIELD DATA RECORD
GROUNDWATER

LEA Comm. No.: 88UT103.001
Project: Willow Brook Pond PCB
Location:
Client: United Technologies Corporation-LLe

Page 7 of 9
Date: 09/23/02
Sample Time: 13:35

Monitoring Well No.: WT-MW-44 Sample Number(s): 2112614 2112614uf

Monitoring Well Data

Well Depth: 13.46
Depth to Water: 8.47
Height of Water Column: 4.99

Type: Road Box Stickup ____ Ft
Reference Used: Top of PVC Other ____

Interface Detected? Yes No ✓ If yes, : Lighter Heavier

PID Reading: 0

Casing: 0.5" (x .01) 2" (x .16) 1" (x .041) 4" (x .65) 1.5" (x .091) 6" (x 1.5)
.04 x dia (inches)^2 x height (feet)

Casing Material: PVC ✓ SS Other

Well Integrity:	Yes	No
Casing Secure?	✓	
Collar Intact?	✓	
Well Locked?		✓
Other?		

Purge Data

Gallons to be Purged: .15

	Initial	Volume 1	Volume 2	Volume 3	Volume 4	Final/Sample
Gallons Purged		.05	.10	.15		
Temp (C)	19.6	18.6	17.8	18.0		18.5
pH (SU)	6.15	6.16	6.08	612		6.06
Specific Conductivity (µs/cm)	179	200	192	193		192
TURBIDITY	>METER	110	27	13		2.6

Sample Observations Clear ✓ Colored ☐ Cloudy ☐ Turbid ☐ Odor ☐ Sheen ☐

Comments: N/C

Equipment/Materials

Purge Method Peri. Bailer Inertial Othe ____

Sampling Method Peri. w/ CHECK VALVE Bailer Inertial Othe ____

Field Decon? YES

Sample Filtered? Yes No ✓ with ____

Waste Container ID: 614437 Cooler ID: ____

Comments:

Field Personnel: DENNIS CHARTIER
SCOTT BROWN

Signature: [signature]

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Loureiro Engineering Associates, Inc.

FIELD DATA RECORD
GROUNDWATER

LEA Comm. No.: 88UT103.001
Project: Willow Brook Pond PCB
Location:
Client: United Technologies Corporation-LLe

Page 8 of 9
Date: 09/23/02
Sample Time: 14:30

Monitoring Well No.: WT-MW-45 Sample Number(s): ~~2112616~~ 2112615 2112615UF

Monitoring Well Data

Well Depth: 13.66
Depth to Water: 8.26
Height of Water Column: 5.40

Type: Road Box Stickup _____ Ft
Reference Used: Top of PVC Other _____
Interface Detected? Yes [ ] No [✓] If yes, : Lighter [ ] Heavier [ ]
PID Reading: 0

Casing: .5" (x .01) 2" (x .16) 1" (x .041) 4" (x .65) 1.5" (x .091) 6" (x 1.5)
.04 x dia (inches)^2 x height (feet)

Casing Material: PVC [✓] SS [ ] Other [ ] _____

Well Integrity:	Yes	No
Casing Secure?	✓	
Collar Intact?	✓	
Well Locked?		✓
Other?		

Purge Data

Gallons to be Purged: 0.15

	~~Initial~~	INITIAL ~~Volume~~ 1	1 Volume ~~2~~	2 Volume ~~3~~	3 Volume ~~4~~	VOLUME 4 ~~Final/Sample~~	FINAL
Gallons Purged		0.05	~~0.10~~ .05	~~0.15~~ .10	.15	.20	
Temp (C)		21.3	20.1	20.2	20.4	20.1	20
pH (SU)		6.08	6.22	6.33	6.36	6.39	6.31
Specific Conductivity (µs/cm)		494	674	727	802	880	923
TURBIDITY	~~METER~~	METER	65	27	21	6.5	8.1

Sample Observations Clear [✓] Colored [ ] Cloudy [ ] Turbid [ ] Odor [ ] Sheen [ ]

Comments: _____

Equipment/Materials

Purge Method Peri. Bailer Inertial Othe _____
Sampling Method Peri. (w/ CHECK VALVE) Bailer Inertial Othe _____
Field Decon? YES
Sample Filtered? Yes [ ] No [✓] with _____

Waste Container ID: 614437 Cooler ID: _____
Comments:

Field Personnel: DENNIS CHARTIER, SCOTT BROWN

Signature: [signature]

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Lourelro Engineering Associates, Inc.

FIELD DATA RECORD
GROUNDWATER

LEA Comm. No.: 88UT103.001
Project: Willow Brook Pond PCB
Location:
Client: United Technologies Corporation-LLe

Page 9 of 9
Date: 09 / 27 / 02
Sample Time: 15 : 04

Monitoring Well No.: WT-MW-46 Sample Number(s): ~~2112617~~ 2112616 2112616uf

Monitoring Well Data

Well Depth: 12.71
Depth to Water: 5.63
Height of Water Column: 7.08

Type Road Box Stickup _____ Ft
Reference Used: Top of PVC Other _____
Interface Detected? Yes [ ] No [✓] If yes, : Lighter [ ] Heavier [ ]
PID Reading: 0

Casing: 0.5" (x .01) 2" (x .16) 1" (x .041) 4" (x .65) 1.5" (x .091) 6" (x 1.5) .04 x dia (inches)^2 x height (feet)

Casing Material: PVC [✓] SS [ ] Other [ ] _____

Well Integrity:	Yes	No
Casing Secure?	✓	
Collar Intact?	✓	
Well Locked?		✓
Other?		

Purge Data

Gallons to be Purged: .21

	Initial	Volume 1	Volume 2	Volume 3	Volume 4	Final/Sample
Gallons Purged		.071	.14	.21		
Temp (C)	23.0	22.2	21.5	21.1		21.5
pH (SU)	6.15	5.87	5.85	5.80		6.05
Specific Conductivity (µs/cm)	328	326	324	3.16		316
TURBIDITY	>METER	380	~~380~~ 50	17		7.8

Sample Observations Clear [✓] Colored [ ] Cloudy [ ] Turbid [ ] Odor [ ] Sheen [ ]
Comments: N/C

Equipment/Materials

Purge Method Peri. Bailer Inertial Othe _____
Field Decon? YES

Sampling Method Peri. w/ CHECK VALVE Bailer Inertial Othe _____
Sample Filtered? Yes [ ] No [✓] with _____

Waste Container ID: 614437 Cooler ID: _____
Comments:
* SMALL WATER LEVEL INDICATOR GETS STUCK AT 5.00' INTO WELL. TUBING GOES IN OKAY.

Field Personnel: DENNIS CHARTIER
SCOTT BROWN

Signature: [signature]

fedrg1.rpt

Appendix B

Copies of Laboratory Reports

New England ACCUTEST Laboratories

10/08/02

Technical Report for

United Technologies Corporation

LEA: Willow Pond Post-Construction GW Monitoring

88UT103

Accutest Job Number: M27878

Report to:

LEA

dfiereck@loureiro.com

ATTN: Dave Fiereck

Total number of pages in report: 75

Accredited in accordance with nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Reza Pand
Lab Director

Certifications: MA (MA136) CT (PH-0109) NH (250293) RI (A-71) ME (MA136) USACE

This report shall not be reproduced, except in its entirety, without the written approval of Accutest Laboratories.

Sample Summary

United Technologies Corporation

Job No: M27878

LEA:Willow Pond Post-Construction GW Monitoring
Project No: 88UT103

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
M27878-1	09/23/02	11:32	CSB	09/25/02	AQ	Ground Water	LEA-PWEH-WT-WTMW41-2112611
M27878-2	09/24/02	13:00	CSB	09/25/02	AQ	Ground Water	LEA-PWEH-WT-WTMW41-2112627
M27878-3	09/23/02	12:06	CSB	09/25/02	AQ	Ground Water	LEA-PWEH-WT-WTMW42-2112612
M27878-4	09/23/02	13:00	CSB	09/25/02	AQ	Ground Water	LEA-PWEH-WT-WTMW43-2112613
M27878-5	09/24/02	13:15	CSB	09/25/02	AQ	Ground Water	LEA-PWEH-WT-WTMW43-2112628
M27878-6	09/23/02	13:35	CSB	09/25/02	AQ	Ground Water	LEA-PWEH-WT-WTMW44-2112614
M27878-7	09/23/02	14:30	CSB	09/25/02	AQ	Ground Water	LEA-PWEH-WT-WTMW45-2112615
M27878-8	09/23/02	15:04	CSB	09/25/02	AQ	Ground Water	LEA-PWEH-WT-WTMW46-2112616
M27878-9	09/24/02	09:00	CSB	09/25/02	AQ	Ground Water	LEA-PWEH-WT-WTMW19S-2112618
M27878-10	09/24/02	09:43	CSB	09/25/02	AQ	Ground Water	LEA-PWEH-WT-WTMW47-2112619
M27878-11	09/24/02	10:30	CSB	09/25/02	AQ	Ground Water	LEA-PWEH-WT-WTMW49-2112620
M27878-12	09/24/02	11:00	CSB	09/25/02	AQ	Ground Water	LEA-PWEH-WT-WTMW48-2112621
M27878-13	09/24/02	11:45	CSB	09/25/02	AQ	Ground Water	LEA-PWEH-WT-WTMW50-2112622

Sample Summary
(continued)

United Technologies Corporation

Job No: M27878

LEA:Willow Pond Post-Construction GW Monitoring
Project No: 88UT103

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
M27878-14	09/24/02	12:30 CSB	09/25/02	AQ	Ground Water	LEA-PWEH-WT-WTMW40-2112623
M27878-15	09/24/02	12:30 CSB	09/25/02	AQ	Ground Water	LEA-PWEH-WT-WTMW40-2112624
M27878-16	09/24/02	13:45 CSB	09/25/02	AQ	Water	LEA-PWEH-WT-WTAC01001-2112625
M27878-17	09/23/02	00:00 CSB	09/25/02	AQ	Water	LEA-PWEH-WT-WTAC02001-2112626

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW41-2112611		
Lab Sample ID:	M27878-1	Date Sampled:	09/23/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
Method:	SW846 8260B	Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G21246.D	1	10/03/02	PB	n/a	n/a	MSG704
Run #2							

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	2.0	ug/l	
75-25-2	Bromoform	ND	2.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	2.0	ug/l	
108-90-7	Chlorobenzene	ND	2.0	ug/l	
75-00-3	Chloroethane	ND	5.0	ug/l	
67-66-3	Chloroform	ND	2.0	ug/l	
74-87-3	Chloromethane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	2.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	2.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	2.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	ug/l	
127-18-4	Tetrachloroethene	ND	2.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	2.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	2.0	ug/l	
79-01-6	Trichloroethene	ND	2.0	ug/l	
75-01-4	Vinyl chloride	ND	2.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW41-2112611		
Lab Sample ID:	M27878-1	Date Sampled:	09/23/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
Method:	SW846 8260B	Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

VOA TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		83-129%
2037-26-5	Toluene-D8	97%		89-111%
460-00-4	4-Bromofluorobenzene	100%		81-119%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW41-2112611		
Lab Sample ID:	M27878-1	Date Sampled:	09/23/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
Method:	CT-ETPH SW846 3510C	Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	PO15685.D	1	10/03/02	AMY	09/28/02	OP4592	GPO1242
Run #2							

CAS No.	Compound	Result	RL	Units	Q
	CT-DRO (C9-C36)	ND	0.098	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	99%		36-124%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW41-2112611		
Lab Sample ID:	M27878-1	Date Sampled:	09/23/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
Method:	SW846 8082 SW846 3510C	Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF28921.D	1	10/02/02	CZ	09/30/02	OP4601	GEF1476
Run #2							

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	0.28	ug/l	
11104-28-2	Aroclor 1221	ND	0.28	ug/l	
11141-16-5	Aroclor 1232	ND	0.28	ug/l	
53469-21-9	Aroclor 1242	ND	0.28	ug/l	
12672-29-6	Aroclor 1248	ND	0.28	ug/l	
11097-69-1	Aroclor 1254	ND	0.28	ug/l	
11096-82-5	Aroclor 1260	ND	0.28	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	74%		28-124%
877-09-8	Tetrachloro-m-xylene	76%		28-124%
2051-24-3	Decachlorobiphenyl	78%		32-161%
2051-24-3	Decachlorobiphenyl	79%		32-161%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW41-2112627		
Lab Sample ID:	M27878-2	Date Sampled:	09/24/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
		Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	<4.0	4.0	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Barium	<200	200	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Cadmium	<4.0	4.0	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Chromium	<10	10	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Copper	<25	25	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Lead	<5.0	5.0	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Mercury	<0.20	0.20	ug/l	1	09/26/02	09/26/02	MA	SW846 7470A	SW846 7470A
Nickel	<40	40	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Selenium	<10	10	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Silver	<5.0	5.0	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Zinc	<20	20	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW42-2112612		
Lab Sample ID:	M27878-3	Date Sampled:	09/23/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
Method:	SW846 8260B	Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G21247.D	1	10/03/02	PB	n/a	n/a	MSG704
Run #2							

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	2.0	ug/l	
75-25-2	Bromoform	ND	2.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	2.0	ug/l	
108-90-7	Chlorobenzene	ND	2.0	ug/l	
75-00-3	Chloroethane	ND	5.0	ug/l	
67-66-3	Chloroform	ND	2.0	ug/l	
74-87-3	Chloromethane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	2.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	2.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	2.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	ug/l	
127-18-4	Tetrachloroethene	ND	2.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	2.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	2.0	ug/l	
79-01-6	Trichloroethene	ND	2.0	ug/l	
75-01-4	Vinyl chloride	ND	2.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW42-2112612		
Lab Sample ID:	M27878-3	Date Sampled:	09/23/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
Method:	SW846 8260B	Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

VOA TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%		83-129%
2037-26-5	Toluene-D8	98%		89-111%
460-00-4	4-Bromofluorobenzene	102%		81-119%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW42-2112612		
Lab Sample ID:	M27878-3	Date Sampled:	09/23/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
Method:	CT-ETPH SW846 3510C	Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	PO15686.D	1	10/03/02	AMY	09/28/02	OP4592	GPO1242
Run #2							

CAS No.	Compound	Result	RL	Units	Q
	CT-DRO (C9-C36)	ND	0.098	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	98%		36-124%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW42-2112612		
Lab Sample ID:	M27878-3	Date Sampled:	09/23/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
Method:	SW846 8082 SW846 3510C	Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF28922.D	1	10/02/02	CZ	09/30/02	OP4601	GEF1476
Run #2							

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	0.30	ug/l	
11104-28-2	Aroclor 1221	ND	0.30	ug/l	
11141-16-5	Aroclor 1232	ND	0.30	ug/l	
53469-21-9	Aroclor 1242	ND	0.30	ug/l	
12672-29-6	Aroclor 1248	ND	0.30	ug/l	
11097-69-1	Aroclor 1254	ND	0.30	ug/l	
11096-82-5	Aroclor 1260	ND	0.30	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	78%		28-124%
877-09-8	Tetrachloro-m-xylene	80%		28-124%
2051-24-3	Decachlorobiphenyl	63%		32-161%
2051-24-3	Decachlorobiphenyl	62%		32-161%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW42-2112612		
Lab Sample ID:	M27878-3	Date Sampled:	09/23/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
		Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	<4.0	4.0	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Barium	<200	200	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Cadmium	<4.0	4.0	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Chromium	<10	10	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Copper	<25	25	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Lead	<5.0	5.0	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Mercury	<0.20	0.20	ug/l	1	09/26/02	09/26/02	MA	SW846 7470A	SW846 7470A
Nickel	<40	40	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Selenium	<10	10	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Silver	<5.0	5.0	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Zinc	21.3	20	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW43-2112613		
Lab Sample ID:	M27878-4	Date Sampled:	09/23/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
Method:	SW846 8260B	Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G21248.D	1	10/03/02	PB	n/a	n/a	MSG704
Run #2							

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	2.0	ug/l	
75-25-2	Bromoform	ND	2.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	2.0	ug/l	
108-90-7	Chlorobenzene	ND	2.0	ug/l	
75-00-3	Chloroethane	ND	5.0	ug/l	
67-66-3	Chloroform	ND	2.0	ug/l	
74-87-3	Chloromethane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	2.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	2.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	2.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	ug/l	
127-18-4	Tetrachloroethene	ND	2.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	2.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	2.0	ug/l	
79-01-6	Trichloroethene	ND	2.0	ug/l	
75-01-4	Vinyl chloride	ND	2.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW43-2112613		
Lab Sample ID:	M27878-4	Date Sampled:	09/23/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
Method:	SW846 8260B	Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

VOA TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		83-129%
2037-26-5	Toluene-D8	96%		89-111%
460-00-4	4-Bromofluorobenzene	104%		81-119%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW43-2112613		
Lab Sample ID:	M27878-4	Date Sampled:	09/23/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
Method:	CT-ETPH SW846 3510C	Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	PO15687.D	1	10/03/02	AMY	09/28/02	OP4592	GPO1242
Run #2							

CAS No.	Compound	Result	RL	Units	Q
	CT-DRO (C9-C36)	ND	0.098	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	95%		36-124%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW43-2112613		
Lab Sample ID:	M27878-4	Date Sampled:	09/23/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
Method:	SW846 8082 SW846 3510C	Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF28923.D	1	10/02/02	CZ	09/30/02	OP4601	GEF1476
Run #2							

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	0.29	ug/l	
11104-28-2	Aroclor 1221	ND	0.29	ug/l	
11141-16-5	Aroclor 1232	ND	0.29	ug/l	
53469-21-9	Aroclor 1242	ND	0.29	ug/l	
12672-29-6	Aroclor 1248	ND	0.29	ug/l	
11097-69-1	Aroclor 1254	ND	0.29	ug/l	
11096-82-5	Aroclor 1260	ND	0.29	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	73%		28-124%
877-09-8	Tetrachloro-m-xylene	75%		28-124%
2051-24-3	Decachlorobiphenyl	78%		32-161%
2051-24-3	Decachlorobiphenyl	79%		32-161%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW43-2112628		
Lab Sample ID:	M27878-5	Date Sampled:	09/24/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
		Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	<4.0	4.0	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Barium	<200	200	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Cadmium	<4.0	4.0	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Chromium	<10	10	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Copper	<25	25	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Lead	<5.0	5.0	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Mercury	<0.20	0.20	ug/l	1	09/26/02	09/26/02	MA	SW846 7470A	SW846 7470A
Nickel	<40	40	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Selenium	<10	10	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Silver	<5.0	5.0	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Zinc	<20	20	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW44-2112614		
Lab Sample ID:	M27878-6	Date Sampled:	09/23/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
Method:	SW846 8260B	Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G21249.D	1	10/03/02	PB	n/a	n/a	MSG704
Run #2							

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	2.0	ug/l	
75-25-2	Bromoform	ND	2.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	2.0	ug/l	
108-90-7	Chlorobenzene	ND	2.0	ug/l	
75-00-3	Chloroethane	ND	5.0	ug/l	
67-66-3	Chloroform	ND	2.0	ug/l	
74-87-3	Chloromethane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	2.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	2.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	2.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	ug/l	
127-18-4	Tetrachloroethene	ND	2.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	2.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	2.0	ug/l	
79-01-6	Trichloroethene	ND	2.0	ug/l	
75-01-4	Vinyl chloride	ND	2.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW44-2112614		
Lab Sample ID:	M27878-6	Date Sampled:	09/23/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
Method:	SW846 8260B	Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

VOA TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		83-129%
2037-26-5	Toluene-D8	99%		89-111%
460-00-4	4-Bromofluorobenzene	103%		81-119%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW44-2112614		
Lab Sample ID:	M27878-6	Date Sampled:	09/23/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
Method:	CT-ETPH SW846 3510C	Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	PO15690.D	1	10/04/02	AMY	09/28/02	OP4592	GPO1242
Run #2							

CAS No.	Compound	Result	RL	Units	Q
	CT-DRO (C9-C36)	ND	0.098	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	96%		36-124%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW44-2112614		
Lab Sample ID:	M27878-6	Date Sampled:	09/23/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
Method:	SW846 8082 SW846 3510C	Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF28924.D	1	10/02/02	CZ	09/30/02	OP4601	GEF1476
Run #2							

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	0.29	ug/l	
11104-28-2	Aroclor 1221	ND	0.29	ug/l	
11141-16-5	Aroclor 1232	ND	0.29	ug/l	
53469-21-9	Aroclor 1242	ND	0.29	ug/l	
12672-29-6	Aroclor 1248	ND	0.29	ug/l	
11097-69-1	Aroclor 1254	ND	0.29	ug/l	
11096-82-5	Aroclor 1260	ND	0.29	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	81%		28-124%
877-09-8	Tetrachloro-m-xylene	83%		28-124%
2051-24-3	Decachlorobiphenyl	97%		32-161%
2051-24-3	Decachlorobiphenyl	97%		32-161%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW44-2112614		
Lab Sample ID:	M27878-6	Date Sampled:	09/23/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
		Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	<4.0	4.0	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Barium	<200	200	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Cadmium	<4.0	4.0	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Chromium	<10	10	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Copper	<25	25	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Lead	<5.0	5.0	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Mercury	<0.20	0.20	ug/l	1	09/26/02	09/26/02	MA	SW846 7470A	SW846 7470A
Nickel	<40	40	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Selenium	<10	10	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Silver	<5.0	5.0	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Zinc	<20	20	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW45-2112615		
Lab Sample ID:	M27878-7	Date Sampled:	09/23/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
Method:	SW846 8260B	Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G21250.D	1	10/03/02	PB	n/a	n/a	MSG704
Run #2							

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	2.0	ug/l	
75-25-2	Bromoform	ND	2.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	2.0	ug/l	
108-90-7	Chlorobenzene	ND	2.0	ug/l	
75-00-3	Chloroethane	ND	5.0	ug/l	
67-66-3	Chloroform	ND	2.0	ug/l	
74-87-3	Chloromethane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	2.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	2.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	6.3	2.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	ug/l	
127-18-4	Tetrachloroethene	ND	2.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	2.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	2.0	ug/l	
79-01-6	Trichloroethene	ND	2.0	ug/l	
75-01-4	Vinyl chloride	3.3	2.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW45-2112615		
Lab Sample ID:	M27878-7	Date Sampled:	09/23/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
Method:	SW846 8260B	Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

VOA TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		83-129%
2037-26-5	Toluene-D8	97%		89-111%
460-00-4	4-Bromofluorobenzene	102%		81-119%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW45-2112615		
Lab Sample ID:	M27878-7	Date Sampled:	09/23/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
Method:	CT-ETPH SW846 3510C	Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	PO15691.D	1	10/04/02	AMY	09/28/02	OP4592	GPO1242
Run #2							

CAS No.	Compound	Result	RL	Units	Q
	CT-DRO (C9-C36)	0.430	0.091	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	92%		36-124%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW45-2112615		
Lab Sample ID:	M27878-7	Date Sampled:	09/23/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
Method:	SW846 8082 SW846 3510C	Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF28925.D	1	10/02/02	CZ	09/30/02	OP4601	GEF1476
Run #2							

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	0.32	ug/l	
11104-28-2	Aroclor 1221	ND	0.32	ug/l	
11141-16-5	Aroclor 1232	ND	0.32	ug/l	
53469-21-9	Aroclor 1242	ND	0.32	ug/l	
12672-29-6	Aroclor 1248	ND	0.32	ug/l	
11097-69-1	Aroclor 1254	ND	0.32	ug/l	
11096-82-5	Aroclor 1260	ND	0.32	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	76%		28-124%
877-09-8	Tetrachloro-m-xylene	77%		28-124%
2051-24-3	Decachlorobiphenyl	73%		32-161%
2051-24-3	Decachlorobiphenyl	74%		32-161%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW45-2112615		
Lab Sample ID:	M27878-7	Date Sampled:	09/23/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
		Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	5.0	4.0	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Barium	<200	200	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Cadmium	<4.0	4.0	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Chromium	<10	10	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Copper	<25	25	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Lead	<5.0	5.0	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Mercury	<0.20	0.20	ug/l	1	09/26/02	09/26/02	MA	SW846 7470A	SW846 7470A
Nickel	<40	40	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Selenium	<10	10	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Silver	<5.0	5.0	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Zinc	<20	20	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW46-2112616		
Lab Sample ID:	M27878-8	Date Sampled:	09/23/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
Method:	SW846 8260B	Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G21251.D	1	10/03/02	PB	n/a	n/a	MSG704
Run #2							

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	2.0	ug/l	
75-25-2	Bromoform	ND	2.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	2.0	ug/l	
108-90-7	Chlorobenzene	ND	2.0	ug/l	
75-00-3	Chloroethane	ND	5.0	ug/l	
67-66-3	Chloroform	ND	2.0	ug/l	
74-87-3	Chloromethane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	2.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	2.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	2.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	ug/l	
127-18-4	Tetrachloroethene	ND	2.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	2.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	2.0	ug/l	
79-01-6	Trichloroethene	ND	2.0	ug/l	
75-01-4	Vinyl chloride	ND	2.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW46-2112616		
Lab Sample ID:	M27878-8	Date Sampled:	09/23/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
Method:	SW846 8260B	Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

VOA TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	108%		83-129%
2037-26-5	Toluene-D8	95%		89-111%
460-00-4	4-Bromofluorobenzene	103%		81-119%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW46-2112616		
Lab Sample ID:	M27878-8	Date Sampled:	09/23/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
Method:	CT-ETPH SW846 3510C	Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	PO15692.D	1	10/04/02	AMY	09/28/02	OP4592	GPO1242
Run #2							

CAS No.	Compound	Result	RL	Units	Q
	CT-DRO (C9-C36)	ND	0.091	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	100%		36-124%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW46-2112616		
Lab Sample ID:	M27878-8	Date Sampled:	09/23/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
Method:	SW846 8082 SW846 3510C	Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF28928.D	1	10/02/02	CZ	09/30/02	OP4601	GEF1476
Run #2							

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	0.32	ug/l	
11104-28-2	Aroclor 1221	ND	0.32	ug/l	
11141-16-5	Aroclor 1232	ND	0.32	ug/l	
53469-21-9	Aroclor 1242	ND	0.32	ug/l	
12672-29-6	Aroclor 1248	ND	0.32	ug/l	
11097-69-1	Aroclor 1254	ND	0.32	ug/l	
11096-82-5	Aroclor 1260	ND	0.32	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	78%		28-124%
877-09-8	Tetrachloro-m-xylene	81%		28-124%
2051-24-3	Decachlorobiphenyl	98%		32-161%
2051-24-3	Decachlorobiphenyl	100%		32-161%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW46-2112616		
Lab Sample ID:	M27878-8	Date Sampled:	09/23/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
		Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	<4.0	4.0	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Barium	<200	200	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Cadmium	<4.0	4.0	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Chromium	<10	10	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Copper	<25	25	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Lead	<5.0	5.0	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Mercury	<0.20	0.20	ug/l	1	09/26/02	09/26/02	MA	SW846 7470A	SW846 7470A
Nickel	<40	40	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Selenium	<10	10	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Silver	<5.0	5.0	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Zinc	<20	20	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW19S-2112618		
Lab Sample ID:	M27878-9	Date Sampled:	09/24/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
Method:	SW846 8260B	Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G21252.D	1	10/03/02	PB	n/a	n/a	MSG704
Run #2							

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	2.0	ug/l	
75-25-2	Bromoform	ND	2.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	2.0	ug/l	
108-90-7	Chlorobenzene	ND	2.0	ug/l	
75-00-3	Chloroethane	ND	5.0	ug/l	
67-66-3	Chloroform	ND	2.0	ug/l	
74-87-3	Chloromethane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	2.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	2.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	2.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	ug/l	
127-18-4	Tetrachloroethene	ND	2.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	2.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	2.0	ug/l	
79-01-6	Trichloroethene	ND	2.0	ug/l	
75-01-4	Vinyl chloride	ND	2.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method bla
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW19S-2112618		
Lab Sample ID:	M27878-9	Date Sampled:	09/24/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
Method:	SW846 8260B	Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

VOA TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	112%		83-129%
2037-26-5	Toluene-D8	97%		89-111%
460-00-4	4-Bromofluorobenzene	103%		81-119%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW19S-2112618		
Lab Sample ID:	M27878-9	Date Sampled:	09/24/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
Method:	SW846 8082 SW846 3510C	Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF28929.D	1	10/02/02	CZ	09/30/02	OP4601	GEF1476
Run #2							

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	0.29	ug/l	
11104-28-2	Aroclor 1221	ND	0.29	ug/l	
11141-16-5	Aroclor 1232	ND	0.29	ug/l	
53469-21-9	Aroclor 1242	ND	0.29	ug/l	
12672-29-6	Aroclor 1248	ND	0.29	ug/l	
11097-69-1	Aroclor 1254	ND	0.29	ug/l	
11096-82-5	Aroclor 1260	ND	0.29	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	75%		28-124%
877-09-8	Tetrachloro-m-xylene	77%		28-124%
2051-24-3	Decachlorobiphenyl	90%		32-161%
2051-24-3	Decachlorobiphenyl	91%		32-161%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method bla
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW19S-2112618		
Lab Sample ID:	M27878-9	Date Sampled:	09/24/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
Method:	CT-ETPH SW846 3510C	Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GH13940.D	1	10/05/02	ME	10/01/02	OP4607	GGH1820
Run #2							

CAS No.	Compound	Result	RL	Units	Q
	CT-DRO (C9-C36)	0.201	0.091	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	98%		36-124%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW19S-2112618		
Lab Sample ID:	M27878-9	Date Sampled:	09/24/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
		Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	<4.0	4.0	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Barium	<200	200	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Cadmium	<4.0	4.0	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Chromium	<10	10	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Copper	<25	25	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Lead	<5.0	5.0	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Mercury	<0.20	0.20	ug/l	1	09/26/02	09/26/02	MA	SW846 7470A	SW846 7470A
Nickel	<40	40	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Selenium	<10	10	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Silver	<5.0	5.0	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Zinc	<20	20	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW47-2112619		
Lab Sample ID:	M27878-10	Date Sampled:	09/24/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
Method:	SW846 8260B	Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G21253.D	1	10/03/02	PB	n/a	n/a	MSG704
Run #2							

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	2.0	ug/l	
75-25-2	Bromoform	ND	2.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	2.0	ug/l	
108-90-7	Chlorobenzene	ND	2.0	ug/l	
75-00-3	Chloroethane	ND	5.0	ug/l	
67-66-3	Chloroform	ND	2.0	ug/l	
74-87-3	Chloromethane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	2.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	2.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	2.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	ug/l	
127-18-4	Tetrachloroethene	ND	2.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	2.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	2.0	ug/l	
79-01-6	Trichloroethene	ND	2.0	ug/l	
75-01-4	Vinyl chloride	ND	2.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW47-2112619		
Lab Sample ID:	M27878-10	Date Sampled:	09/24/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
Method:	SW846 8260B	Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

VOA TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	111%		83-129%
2037-26-5	Toluene-D8	97%		89-111%
460-00-4	4-Bromofluorobenzene	106%		81-119%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method bla
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW47-2112619		
Lab Sample ID:	M27878-10	Date Sampled:	09/24/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
Method:	CT-ETPH SW846 3510C	Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GH13941.D	1	10/05/02	ME	10/01/02	OP4607	GGH1820
Run #2							

CAS No.	Compound	Result	RL	Units	Q
	CT-DRO (C9-C36)	0.125	0.10	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	94%		36-124%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW47-2112619		
Lab Sample ID:	M27878-10	Date Sampled:	09/24/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
Method:	SW846 8082 SW846 3510C	Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF28930.D	1	10/02/02	CZ	09/30/02	OP4601	GEF1476
Run #2							

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	0.28	ug/l	
11104-28-2	Aroclor 1221	ND	0.28	ug/l	
11141-16-5	Aroclor 1232	ND	0.28	ug/l	
53469-21-9	Aroclor 1242	ND	0.28	ug/l	
12672-29-6	Aroclor 1248	ND	0.28	ug/l	
11097-69-1	Aroclor 1254	ND	0.28	ug/l	
11096-82-5	Aroclor 1260	ND	0.28	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	79%		28-124%
877-09-8	Tetrachloro-m-xylene	80%		28-124%
2051-24-3	Decachlorobiphenyl	89%		32-161%
2051-24-3	Decachlorobiphenyl	92%		32-161%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method bla
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW47-2112619		
Lab Sample ID:	M27878-10	Date Sampled:	09/24/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
		Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	<4.0	4.0	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Barium	<200	200	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Cadmium	<4.0	4.0	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Chromium	<10	10	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Copper	<25	25	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Lead	<5.0	5.0	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Mercury	<0.20	0.20	ug/l	1	09/26/02	09/26/02	MA	SW846 7470A	SW846 7470A
Nickel	<40	40	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Selenium	<10	10	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Silver	<5.0	5.0	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Zinc	<20	20	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW49-2112620		
Lab Sample ID:	M27878-11	Date Sampled:	09/24/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
Method:	SW846 8260B	Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G21254.D	1	10/03/02	PB	n/a	n/a	MSG704
Run #2							

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	2.0	ug/l	
75-25-2	Bromoform	ND	2.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	2.0	ug/l	
108-90-7	Chlorobenzene	ND	2.0	ug/l	
75-00-3	Chloroethane	ND	5.0	ug/l	
67-66-3	Chloroform	ND	2.0	ug/l	
74-87-3	Chloromethane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	2.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	2.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	2.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	ug/l	
127-18-4	Tetrachloroethene	ND	2.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	2.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	2.0	ug/l	
79-01-6	Trichloroethene	ND	2.0	ug/l	
75-01-4	Vinyl chloride	ND	2.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW49-2112620		
Lab Sample ID:	M27878-11	Date Sampled:	09/24/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
Method:	SW846 8260B	Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

VOA TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	111%		83-129%
2037-26-5	Toluene-D8	96%		89-111%
460-00-4	4-Bromofluorobenzene	104%		81-119%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW49-2112620		
Lab Sample ID:	M27878-11	Date Sampled:	09/24/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
Method:	CT-ETPH SW846 3510C	Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GH13942.D	1	10/05/02	ME	10/01/02	OP4607	GGH1820
Run #2							

CAS No.	Compound	Result	RL	Units	Q
	CT-DRO (C9-C36)	0.221	0.091	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	91%		36-124%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW49-2112620		
Lab Sample ID:	M27878-11	Date Sampled:	09/24/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
Method:	SW846 8082 SW846 3510C	Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF28931.D	1	10/02/02	CZ	09/30/02	OP4601	GEF1476
Run #2							

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	0.31	ug/l	
11104-28-2	Aroclor 1221	ND	0.31	ug/l	
11141-16-5	Aroclor 1232	ND	0.31	ug/l	
53469-21-9	Aroclor 1242	ND	0.31	ug/l	
12672-29-6	Aroclor 1248	ND	0.31	ug/l	
11097-69-1	Aroclor 1254	ND	0.31	ug/l	
11096-82-5	Aroclor 1260	ND	0.31	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	78%		28-124%
877-09-8	Tetrachloro-m-xylene	80%		28-124%
2051-24-3	Decachlorobiphenyl	69%		32-161%
2051-24-3	Decachlorobiphenyl	70%		32-161%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW49-2112620		
Lab Sample ID:	M27878-11	Date Sampled:	09/24/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
		Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	<4.0	4.0	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Barium	<200	200	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Cadmium	<4.0	4.0	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Chromium	<10	10	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Copper	<25	25	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Lead	<5.0	5.0	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Mercury	<0.20	0.20	ug/l	1	09/26/02	09/26/02	MA	SW846 7470A	SW846 7470A
Nickel	<40	40	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Selenium	<10	10	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Silver	<5.0	5.0	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Zinc	<20	20	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW48-2112621		
Lab Sample ID:	M27878-12	Date Sampled:	09/24/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
Method:	SW846 8260B	Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G21255.D	1	10/03/02	PB	n/a	n/a	MSG704
Run #2							

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	2.0	ug/l	
75-25-2	Bromoform	ND	2.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	2.0	ug/l	
108-90-7	Chlorobenzene	ND	2.0	ug/l	
75-00-3	Chloroethane	ND	5.0	ug/l	
67-66-3	Chloroform	ND	2.0	ug/l	
74-87-3	Chloromethane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	2.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	2.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	2.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	ug/l	
127-18-4	Tetrachloroethene	ND	2.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	2.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	2.0	ug/l	
79-01-6	Trichloroethene	ND	2.0	ug/l	
75-01-4	Vinyl chloride	ND	2.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW48-2112621		
Lab Sample ID:	M27878-12	Date Sampled:	09/24/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
Method:	SW846 8260B	Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

VOA TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%		83-129%
2037-26-5	Toluene-D8	97%		89-111%
460-00-4	4-Bromofluorobenzene	101%		81-119%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW48-2112621		
Lab Sample ID:	M27878-12	Date Sampled:	09/24/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
Method:	CT-ETPH SW846 3510C	Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GH13945.D	1	10/05/02	ME	10/01/02	OP4607	GGH1820
Run #2							

CAS No.	Compound	Result	RL	Units	Q
	CT-DRO (C9-C36)	0.135	0.094	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	96%		36-124%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW48-2112621		
Lab Sample ID:	M27878-12	Date Sampled:	09/24/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
Method:	SW846 8082 SW846 3510C	Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF28932.D	1	10/02/02	CZ	09/30/02	OP4601	GEF1476
Run #2							

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	0.32	ug/l	
11104-28-2	Aroclor 1221	ND	0.32	ug/l	
11141-16-5	Aroclor 1232	ND	0.32	ug/l	
53469-21-9	Aroclor 1242	ND	0.32	ug/l	
12672-29-6	Aroclor 1248	ND	0.32	ug/l	
11097-69-1	Aroclor 1254	ND	0.32	ug/l	
11096-82-5	Aroclor 1260	ND	0.32	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	77%		28-124%
877-09-8	Tetrachloro-m-xylene	79%		28-124%
2051-24-3	Decachlorobiphenyl	88%		32-161%
2051-24-3	Decachlorobiphenyl	87%		32-161%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW48-2112621		
Lab Sample ID:	M27878-12	Date Sampled:	09/24/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
		Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	<4.0	4.0	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Barium	<200	200	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Cadmium	<4.0	4.0	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Chromium	<10	10	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Copper	<25	25	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Lead	<5.0	5.0	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Mercury	<0.20	0.20	ug/l	1	09/26/02	09/26/02	MA	SW846 7470A	SW846 7470A
Nickel	<40	40	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Selenium	<10	10	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Silver	<5.0	5.0	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Zinc	<20	20	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW50-2112622		
Lab Sample ID:	M27878-13	Date Sampled:	09/24/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
Method:	SW846 8260B	Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G21256.D	1	10/03/02	PB	n/a	n/a	MSG704
Run #2							

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	2.0	ug/l	
75-25-2	Bromoform	ND	2.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	2.0	ug/l	
108-90-7	Chlorobenzene	ND	2.0	ug/l	
75-00-3	Chloroethane	ND	5.0	ug/l	
67-66-3	Chloroform	ND	2.0	ug/l	
74-87-3	Chloromethane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	2.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	2.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	2.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	ug/l	
127-18-4	Tetrachloroethene	ND	2.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	2.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	2.0	ug/l	
79-01-6	Trichloroethene	ND	2.0	ug/l	
75-01-4	Vinyl chloride	ND	2.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW50-2112622		
Lab Sample ID:	M27878-13	Date Sampled:	09/24/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
Method:	SW846 8260B	Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

VOA TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	111%		83-129%
2037-26-5	Toluene-D8	97%		89-111%
460-00-4	4-Bromofluorobenzene	102%		81-119%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW50-2112622		
Lab Sample ID:	M27878-13	Date Sampled:	09/24/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
Method:	CT-ETPH SW846 3510C	Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GH13946.D	1	10/05/02	ME	10/01/02	OP4607	GGH1820
Run #2							

CAS No.	Compound	Result	RL	Units	Q
	CT-DRO (C9-C36)	0.133	0.093	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	95%		36-124%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW50-2112622		
Lab Sample ID:	M27878-13	Date Sampled:	09/24/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
Method:	SW846 8082 SW846 3510C	Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF28933.D	1	10/02/02	CZ	09/30/02	OP4601	GEF1476
Run #2							

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	0.31	ug/l	
11104-28-2	Aroclor 1221	ND	0.31	ug/l	
11141-16-5	Aroclor 1232	ND	0.31	ug/l	
53469-21-9	Aroclor 1242	ND	0.31	ug/l	
12672-29-6	Aroclor 1248	ND	0.31	ug/l	
11097-69-1	Aroclor 1254	ND	0.31	ug/l	
11096-82-5	Aroclor 1260	ND	0.31	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	83%		28-124%
877-09-8	Tetrachloro-m-xylene	84%		28-124%
2051-24-3	Decachlorobiphenyl	90%		32-161%
2051-24-3	Decachlorobiphenyl	90%		32-161%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW50-2112622		
Lab Sample ID:	M27878-13	Date Sampled:	09/24/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
		Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	<4.0	4.0	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Barium	<200	200	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Cadmium	<4.0	4.0	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Chromium	<10	10	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Copper	<25	25	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Lead	<5.0	5.0	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Mercury	<0.20	0.20	ug/l	1	09/30/02	09/30/02	MA	SW846 7470A	SW846 7470A
Nickel	<40	40	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Selenium	<10	10	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Silver	<5.0	5.0	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Zinc	<20	20	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW40-2112623		
Lab Sample ID:	M27878-14	Date Sampled:	09/24/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
Method:	SW846 8260B	Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G21257.D	1	10/04/02	PB	n/a	n/a	MSG704
Run #2							

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	2.0	ug/l	
75-25-2	Bromoform	ND	2.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	2.0	ug/l	
108-90-7	Chlorobenzene	ND	2.0	ug/l	
75-00-3	Chloroethane	ND	5.0	ug/l	
67-66-3	Chloroform	ND	2.0	ug/l	
74-87-3	Chloromethane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	2.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	2.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	2.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	ug/l	
127-18-4	Tetrachloroethene	ND	2.0	ug/l	
108-88-3	Toluene	1.6	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	2.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	2.0	ug/l	
79-01-6	Trichloroethene	ND	2.0	ug/l	
75-01-4	Vinyl chloride	ND	2.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW40-2112623		
Lab Sample ID:	M27878-14	Date Sampled:	09/24/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
Method:	SW846 8260B	Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

VOA TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	111%		83-129%
2037-26-5	Toluene-D8	96%		89-111%
460-00-4	4-Bromofluorobenzene	103%		81-119%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW40-2112623		
Lab Sample ID:	M27878-14	Date Sampled:	09/24/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
Method:	CT-ETPH SW846 3510C	Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GH13947.D	1	10/05/02	ME	10/01/02	OP4607	GGH1820
Run #2							

CAS No.	Compound	Result	RL	Units	Q
	CT-DRO (C9-C36)	0.202	0.098	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	92%		36-124%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW40-2112623		
Lab Sample ID:	M27878-14	Date Sampled:	09/24/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
Method:	SW846 8082 SW846 3510C	Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF28934.D	1	10/02/02	CZ	09/30/02	OP4601	GEF1476
Run #2							

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	0.28	ug/l	
11104-28-2	Aroclor 1221	ND	0.28	ug/l	
11141-16-5	Aroclor 1232	ND	0.28	ug/l	
53469-21-9	Aroclor 1242	ND	0.28	ug/l	
12672-29-6	Aroclor 1248	ND	0.28	ug/l	
11097-69-1	Aroclor 1254	ND	0.28	ug/l	
11096-82-5	Aroclor 1260	ND	0.28	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	84%		28-124%
877-09-8	Tetrachloro-m-xylene	85%		28-124%
2051-24-3	Decachlorobiphenyl	84%		32-161%
2051-24-3	Decachlorobiphenyl	85%		32-161%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW40-2112623		
Lab Sample ID:	M27878-14	Date Sampled:	09/24/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
		Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	<4.0	4.0	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Barium	<200	200	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Cadmium	<4.0	4.0	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Chromium	<10	10	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Copper	<25	25	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Lead	<5.0	5.0	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Mercury	<0.20	0.20	ug/l	1	09/30/02	09/30/02	MA	SW846 7470A	SW846 7470A
Nickel	<40	40	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Selenium	<10	10	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Silver	<5.0	5.0	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Zinc	<20	20	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW40-2112624		
Lab Sample ID:	M27878-15	Date Sampled:	09/24/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
Method:	SW846 8260B	Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G21258.D	1	10/04/02	PB	n/a	n/a	MSG704
Run #2							

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	2.0	ug/l	
75-25-2	Bromoform	ND	2.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	2.0	ug/l	
108-90-7	Chlorobenzene	ND	2.0	ug/l	
75-00-3	Chloroethane	ND	5.0	ug/l	
67-66-3	Chloroform	ND	2.0	ug/l	
74-87-3	Chloromethane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	2.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	2.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	2.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	ug/l	
127-18-4	Tetrachloroethene	ND	2.0	ug/l	
108-88-3	Toluene	1.6	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	2.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	2.0	ug/l	
79-01-6	Trichloroethene	ND	2.0	ug/l	
75-01-4	Vinyl chloride	ND	2.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW40-2112624		
Lab Sample ID:	M27878-15	Date Sampled:	09/24/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
Method:	SW846 8260B	Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

VOA TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	112%		83-129%
2037-26-5	Toluene-D8	97%		89-111%
460-00-4	4-Bromofluorobenzene	101%		81-119%

ND = Not detected
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW40-2112624		
Lab Sample ID:	M27878-15	Date Sampled:	09/24/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
Method:	CT-ETPH SW846 3510C	Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GH13948.D	1	10/05/02	ME	10/01/02	OP4607	GGH1820
Run #2							

CAS No.	Compound	Result	RL	Units	Q
	CT-DRO (C9-C36)	0.231	0.10	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	94%		36-124%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW40-2112624		
Lab Sample ID:	M27878-15	Date Sampled:	09/24/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
Method:	SW846 8082 SW846 3510C	Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF28935.D	1	10/02/02	CZ	09/30/02	OP4601	GEF1476
Run #2							

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	0.28	ug/l	
11104-28-2	Aroclor 1221	ND	0.28	ug/l	
11141-16-5	Aroclor 1232	ND	0.28	ug/l	
53469-21-9	Aroclor 1242	ND	0.28	ug/l	
12672-29-6	Aroclor 1248	ND	0.28	ug/l	
11097-69-1	Aroclor 1254	ND	0.28	ug/l	
11096-82-5	Aroclor 1260	ND	0.28	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	78%		28-124%
877-09-8	Tetrachloro-m-xylene	80%		28-124%
2051-24-3	Decachlorobiphenyl	77%		32-161%
2051-24-3	Decachlorobiphenyl	78%		32-161%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTMW40-2112624		
Lab Sample ID:	M27878-15	Date Sampled:	09/24/02
Matrix:	AQ - Ground Water	Date Received:	09/25/02
		Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	<4.0	4.0	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Barium	<200	200	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Cadmium	<4.0	4.0	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Chromium	<10	10	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Copper	<25	25	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Lead	<5.0	5.0	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Mercury	<0.20	0.20	ug/l	1	09/30/02	09/30/02	MA	SW846 7470A	SW846 7470A
Nickel	<40	40	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Selenium	<10	10	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Silver	<5.0	5.0	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Zinc	<20	20	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTAC01001-2112625		
Lab Sample ID:	M27878-16	Date Sampled:	09/24/02
Matrix:	AQ - Water	Date Received:	09/25/02
Method:	SW846 8260B	Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G21259.D	1	10/04/02	PB	n/a	n/a	MSG704
Run #2							

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	2.0	ug/l	
75-25-2	Bromoform	ND	2.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	2.0	ug/l	
108-90-7	Chlorobenzene	ND	2.0	ug/l	
75-00-3	Chloroethane	ND	5.0	ug/l	
67-66-3	Chloroform	ND	2.0	ug/l	
74-87-3	Chloromethane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	2.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	2.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	2.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	ug/l	
127-18-4	Tetrachloroethene	ND	2.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	2.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	2.0	ug/l	
79-01-6	Trichloroethene	ND	2.0	ug/l	
75-01-4	Vinyl chloride	ND	2.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTAC01001-2112625		
Lab Sample ID:	M27878-16	Date Sampled:	09/24/02
Matrix:	AQ - Water	Date Received:	09/25/02
Method:	SW846 8082 SW846 3510C	Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF28936.D	1	10/02/02	CZ	09/30/02	OP4601	GEF1476
Run #2							

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	0.29	ug/l	
11104-28-2	Aroclor 1221	ND	0.29	ug/l	
11141-16-5	Aroclor 1232	ND	0.29	ug/l	
53469-21-9	Aroclor 1242	ND	0.29	ug/l	
12672-29-6	Aroclor 1248	ND	0.29	ug/l	
11097-69-1	Aroclor 1254	ND	0.29	ug/l	
11096-82-5	Aroclor 1260	ND	0.29	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	79%		28-124%
877-09-8	Tetrachloro-m-xylene	81%		28-124%
2051-24-3	Decachlorobiphenyl	63%		32-161%
2051-24-3	Decachlorobiphenyl	63%		32-161%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTAC01001-2112625		
Lab Sample ID:	M27878-16	Date Sampled:	09/24/02
Matrix:	AQ - Water	Date Received:	09/25/02
		Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	<4.0	4.0	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Barium	<200	200	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Cadmium	<4.0	4.0	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Chromium	<10	10	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Copper	<25	25	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Lead	<5.0	5.0	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Mercury	<0.20	0.20	ug/l	1	09/30/02	09/30/02	MA	SW846 7470A	SW846 7470A
Nickel	<40	40	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Selenium	<10	10	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Silver	<5.0	5.0	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A
Zinc	<20	20	ug/l	1	09/27/02	10/02/02	LMN	SW846 6010B	SW846 3010A

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTAC02001-2112626		
Lab Sample ID:	M27878-17	Date Sampled:	09/23/02
Matrix:	AQ - Water	Date Received:	09/25/02
Method:	SW846 8260B	Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G21260.D	1	10/04/02	PB	n/a	n/a	MSG704
Run #2							

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	2.0	ug/l	
75-25-2	Bromoform	ND	2.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	2.0	ug/l	
108-90-7	Chlorobenzene	ND	2.0	ug/l	
75-00-3	Chloroethane	ND	5.0	ug/l	
67-66-3	Chloroform	ND	2.0	ug/l	
74-87-3	Chloromethane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	2.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	2.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	2.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
75-09-2	Methylene chloride	13.4	2.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	ug/l	
127-18-4	Tetrachloroethene	ND	2.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	2.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	2.0	ug/l	
79-01-6	Trichloroethene	ND	2.0	ug/l	
75-01-4	Vinyl chloride	ND	2.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WTAC02001-2112626		
Lab Sample ID:	M27878-17	Date Sampled:	09/23/02
Matrix:	AQ - Water	Date Received:	09/25/02
Method:	SW846 8260B	Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

VOA TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	113%		83-129%
2037-26-5	Toluene-D8	98%		89-111%
460-00-4	4-Bromofluorobenzene	103%		81-119%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

New England ACCUTEST Laboratories

01/03/03

Technical Report for

United Technologies Corporation

LEA:Willow Pond Post-Construction GW Monitoring

88UT103

Accutest Job Number: M29531

Report to:

Loureiro Engineering Associates
100 Northwest Drive
Plainville,, CT 06062

ATTN: Brian Cutler

Total number of pages in report: 88

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Reza Pand
Lab Director

Certifications: MA (MA136) CT (PH-0109) NH (250293) RI (A-71) ME (MA136) USACE

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ACCUTEST

Client: United Technologies Corporation

Client Project: 88UT103

Lab Project: M29531

Date received: December 24, 2002

Project Narrative

This data package includes the analytical results for 17 (seventeen) water samples collected by Loureiro Engineering Associates, Inc. on December 23, 2002, and received by Accutest Laboratories of New England on December 24, 2002 for the analysis of volatile organic compounds (VOCs), selected metals (dissolved), polychlorinated biphenyls (PCBs), and Connecticut ETPH. Sample field identification and laboratory sample number appears on both the sample summary and analytical report for each sample.

VOCs by SW846 8260B. The samples were analyzed using SW846 Method 8260B. The analysis method is listed on the sample results page. The recoveries for all surrogates and spiked target compounds were satisfactory. All analysis was performed within method specifications.

Selected Metals - Dissolved (As, Ba, Cd, Cr, Cu, Pb, Hg, Ni, Se, Ag, Zn). The samples were digested using SW846 Method 3010A, and analyzed using SW846 Method 6010B. Mercury was digested and analyzed using SW846 Method 7470A. The digestion and analysis methods are listed on the sample results page. The recoveries for all spiked target metals were satisfactory for all quality control samples. Digestion and analysis were performed within method specifications.

PCBs. The samples were extracted using SW846 Method 3510C and analyzed using SW846 Method 8082. Extraction and analysis methods are listed on the sample results page. The recoveries for all surrogates and spiked target compounds were satisfactory. All analysis was performed within method specifications.

CT ETPH. The samples were extracted and analyzed for CT ETPH using SW846 3510C and the CT DEP Method (3/99), respectively. The extraction and analysis methods are listed on the sample results page. The recoveries of all surrogates and spiked target compounds were satisfactory. The extraction and analysis were performed within method specifications.

Mark Warren
Quality Assurance

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Sample Summary

United Technologies Corporation

Job No: M29531

LEA: Willow Pond Post-Construction GW Monitoring
Project No: 88UT103

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
M29531-1	12/23/02	09:45 JHM	12/24/02	AQ	Ground Water	LEA-PWEH-WT-WT-MW-48-2213471
M29531-2	12/23/02	11:15 JHM	12/24/02	AQ	Ground Water	LEA-PWEH-WT-WT-MW-49-2213473
M29531-3	12/23/02	14:00 JHM	12/24/02	AQ	Ground Water	LEA-PWEH-WT-WT-MW-50-2213475
M29531-4	12/23/02	10:30 JHM	12/24/02	AQ	Ground Water	LEA-PWEH-WT-WT-MW-45-2213472
M29531-5	12/23/02	10:30 JHM	12/24/02	AQ	Ground Water	LEA-PWEH-WT-WT-MW-46-2213465
M29531-6	12/23/02	09:45 JHM	12/24/02	AQ	Ground Water	LEA-PWEH-WT-WT-MW-47-2213464
M29531-7	12/23/02	13:00 JHM	12/24/02	AQ	Ground Water	LEA-PWEH-WT-WT-MW-19S-2213474
M29531-8	12/23/02	14:45 JHM	12/24/02	AQ	Ground Water	LEA-PWEH-WT-WT-MW-40-2213476
M29531-9	12/23/02	14:50 JHM	12/24/02	AQ	Ground Water	LEA-PWEH-WT-WT-MW-41-2213469
M29531-10	12/23/02	14:10 JHM	12/24/02	AQ	Ground Water	LEA-PWEH-WT-WT-MW-42-2213468
M29531-11	12/23/02	13:00 JHM	12/24/02	AQ	Ground Water	LEA-PWEH-WT-WT-MW-43-2213467
M29531-12	12/23/02	11:30 JHM	12/24/02	AQ	Ground Water	LEA-PWEH-WT-WT-MW-44-2213466
M29531-13	12/23/02	11:00 JHM	12/24/02	AQ	Ground Water	LEA-PWEH-WT-WT-MW-49-2213482

Sample Summary
(continued)

United Technologies Corporation

Job No: M29531

LEA:Willow Pond Post-Construction GW Monitoring
Project No: 88UT103

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
M29531-14	12/23/02	15:30 JHM	12/24/02	AQ	Ground Water	LEA-PWEH-WT-WT-AC01-2213481
M29531-15	12/23/02	15:00 JHM	12/24/02	AQ	Ground Water	LEA-PWEH-WT-WT-AC02-2213480
M29531-16	12/23/02	15:20 JHM	12/24/02	AQ	Ground Water	LEA-PWEH-WT-WT-AC03-2213479
M29531-17	12/23/02	15:25 JHM	12/24/02	AQ	Ground Water	LEA-PWEH-WT-WT-AC03-2213478
M29531-1A	12/23/02	09:45 JHM	12/24/02	AQ	Ground Water	LEA-PWEH-WT-WT-MW-48-2213471 UF
M29531-2A	12/23/02	11:15 JHM	12/24/02	AQ	Ground Water	LEA-PWEH-WT-WT-MW-49-2213473 UF
M29531-3A	12/23/02	14:00 JHM	12/24/02	AQ	Ground Water	LEA-PWEH-WT-WT-MW-50-2213475 UF
M29531-4A	12/23/02	10:30 JHM	12/24/02	AQ	Ground Water	LEA-PWEH-WT-WT-MW-45-2213472 UF
M29531-5A	12/23/02	10:30 JHM	12/24/02	AQ	Ground Water	LEA-PWEH-WT-WT-MW-46-2213465 UF
M29531-6A	12/23/02	09:45 JHM	12/24/02	AQ	Ground Water	LEA-PWEH-WT-WT-MW-47-2213464 UF
M29531-7A	12/23/02	13:00 JHM	12/24/02	AQ	Ground Water	LEA-PWEH-WT-WT-MW-19S-2213474 UF
M29531-8A	12/23/02	14:45 JHM	12/24/02	AQ	Ground Water	LEA-PWEH-WT-WT-MW-40-2213476 UF
M29531-9A	12/23/02	14:50 JHM	12/24/02	AQ	Ground Water	LEA-PWEH-WT-WT-MW-41-2213469 UF

Sample Summary
(continued)

United Technologies Corporation

Job No: M29531

LEA:Willow Pond Post-Construction GW Monitoring
Project No: 88UT103

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
M29531-10A	12/23/02	14:10 JHM	12/24/02	AQ	Ground Water	LEA-PWEH-WT-WT-MW-42-2213468 UF
M29531-11A	12/23/02	13:00 JHM	12/24/02	AQ	Ground Water	LEA-PWEH-WT-WT-MW-43-2213467 UF
M29531-12A	12/23/02	11:30 JHM	12/24/02	AQ	Ground Water	LEA-PWEH-WT-WT-MW-44-2213466 UF
M29531-13A	12/23/02	11:00 JHM	12/24/02	AQ	Ground Water	LEA-PWEH-WT-WT-MW-49-2213482 UF
M29531-14A	12/23/02	15:30 JHM	12/24/02	AQ	Ground Water	LEA-PWEH-WT-WT-AC01-2213481 UF
M29531-16A	12/23/02	15:20 JHM	12/24/02	AQ	Ground Water	LEA-PWEH-WT-WT-AC03-2213479 UF

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-48-2213471		
Lab Sample ID:	M29531-1	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G23641.D	1	12/31/02	PB	n/a	n/a	MSG824
Run #2							

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	2.0	ug/l	
75-25-2	Bromoform	ND	2.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	2.0	ug/l	
108-90-7	Chlorobenzene	ND	2.0	ug/l	
75-00-3	Chloroethane	ND	5.0	ug/l	
67-66-3	Chloroform	ND	2.0	ug/l	
74-87-3	Chloromethane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	2.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	2.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	2.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	ug/l	
127-18-4	Tetrachloroethene	ND	2.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	2.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	2.0	ug/l	
79-01-6	Trichloroethene	ND	2.0	ug/l	
75-01-4	Vinyl chloride	ND	2.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-48-2213471		
Lab Sample ID:	M29531-1	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

VOA TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		83-129%
2037-26-5	Toluene-D8	101%		89-111%
460-00-4	4-Bromofluorobenzene	113%		81-119%

ND = Not detected
RL = Reporting Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-48-2213471		
Lab Sample ID:	M29531-1	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	CT-ETPH SW846 3510C	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GH15484.D	1	12/31/02	AMY	12/26/02	OP4946	GGH1880
Run #2							

CAS No.	Compound	Result	RL	Units	Q
	CT-DRO (C9-C36)	0.201	0.10	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	103%		36-124%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method bla
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-48-2213471		
Lab Sample ID:	M29531-1	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	SW846 8082 SW846 3510C	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF30124.D	1	12/30/02	NM	12/27/02	OP4951	GEF1532
Run #2							

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	0.28	ug/l	
11104-28-2	Aroclor 1221	ND	0.28	ug/l	
11141-16-5	Aroclor 1232	ND	0.28	ug/l	
53469-21-9	Aroclor 1242	ND	0.28	ug/l	
12672-29-6	Aroclor 1248	ND	0.28	ug/l	
11097-69-1	Aroclor 1254	ND	0.28	ug/l	
11096-82-5	Aroclor 1260	ND	0.28	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	91%		28-124%
877-09-8	Tetrachloro-m-xylene	85%		28-124%
2051-24-3	Decachlorobiphenyl	83%		32-161%
2051-24-3	Decachlorobiphenyl	76%		32-161%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-48-2213471 UF		
Lab Sample ID:	M29531-1A	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
		Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	4.1	4.0	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Barium	252	200	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Cadmium	<4.0	4.0	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Chromium	13.3	10	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Copper	<25	25	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Lead [a]	<15	15	ug/l	3	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Mercury	<0.20	0.20	ug/l	1	12/30/02	12/31/02	MA	SW846 7470A	SW846 7470A
Nickel	224	40	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Selenium	<10	10	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Silver	<5.0	5.0	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Zinc	<20	20	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A

(a) Elevated detection limit due to dilution required for matrix interference.

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-49-2213473		
Lab Sample ID:	M29531-2	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G23642.D	1	12/31/02	PB	n/a	n/a	MSG824
Run #2							

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	2.0	ug/l	
75-25-2	Bromoform	ND	2.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	2.0	ug/l	
108-90-7	Chlorobenzene	ND	2.0	ug/l	
75-00-3	Chloroethane	ND	5.0	ug/l	
67-66-3	Chloroform	ND	2.0	ug/l	
74-87-3	Chloromethane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	2.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	2.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	2.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	ug/l	
127-18-4	Tetrachloroethene	ND	2.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	2.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	2.0	ug/l	
79-01-6	Trichloroethene	ND	2.0	ug/l	
75-01-4	Vinyl chloride	ND	2.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-49-2213473		
Lab Sample ID:	M29531-2	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

VOA TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		83-129%
2037-26-5	Toluene-D8	98%		89-111%
460-00-4	4-Bromofluorobenzene	114%		81-119%

ND = Not detected
RL = Reporting Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-49-2213473		
Lab Sample ID:	M29531-2	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	CT-ETPH SW846 3510C	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GH15485.D	1	12/31/02	AMY	12/26/02	OP4946	GGH1880
Run #2							

CAS No.	Compound	Result	RL	Units	Q
	CT-DRO (C9-C36)	ND	0.082	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	99%		36-124%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-49-2213473		
Lab Sample ID:	M29531-2	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	SW846 8082 SW846 3510C	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF30125.D	1	12/31/02	NM	12/27/02	OP4951	GEF1532
Run #2							

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	0.26	ug/l	
11104-28-2	Aroclor 1221	ND	0.26	ug/l	
11141-16-5	Aroclor 1232	ND	0.26	ug/l	
53469-21-9	Aroclor 1242	ND	0.26	ug/l	
12672-29-6	Aroclor 1248	ND	0.26	ug/l	
11097-69-1	Aroclor 1254	ND	0.26	ug/l	
11096-82-5	Aroclor 1260	ND	0.26	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	89%		28-124%
877-09-8	Tetrachloro-m-xylene	83%		28-124%
2051-24-3	Decachlorobiphenyl	84%		32-161%
2051-24-3	Decachlorobiphenyl	76%		32-161%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-49-2213473 UF		
Lab Sample ID:	M29531-2A	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
		Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	<4.0	4.0	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Barium	<200	200	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Cadmium	<4.0	4.0	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Chromium	<10	10	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Copper	<25	25	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Lead	<5.0	5.0	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Mercury	<0.20	0.20	ug/l	1	12/30/02	12/31/02	MA	SW846 7470A	SW846 7470A
Nickel	<40	40	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Selenium	<10	10	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Silver	<5.0	5.0	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Zinc	<20	20	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-50-2213475		
Lab Sample ID:	M29531-3	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G23643.D	1	12/31/02	PB	n/a	n/a	MSG824
Run #2							

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	2.0	ug/l	
75-25-2	Bromoform	ND	2.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	2.0	ug/l	
108-90-7	Chlorobenzene	ND	2.0	ug/l	
75-00-3	Chloroethane	ND	5.0	ug/l	
67-66-3	Chloroform	2.6	2.0	ug/l	
74-87-3	Chloromethane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	2.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	2.0	ug/l	
75-35-4	1,1-Dichloroethene	3.8	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	9.4	2.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	ug/l	
127-18-4	Tetrachloroethene	6.8	2.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	2.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	2.0	ug/l	
79-01-6	Trichloroethene	35.5	2.0	ug/l	
75-01-4	Vinyl chloride	ND	2.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-50-2213475		
Lab Sample ID:	M29531-3	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

VOA TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		83-129%
2037-26-5	Toluene-D8	94%		89-111%
460-00-4	4-Bromofluorobenzene	113%		81-119%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-50-2213475		
Lab Sample ID:	M29531-3	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	CT-ETPH SW846 3510C	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GH15486.D	1	12/31/02	AMY	12/26/02	OP4946	GGH1880
Run #2							

CAS No.	Compound	Result	RL	Units	Q
	CT-DRO (C9-C36)	0.511	0.091	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	101%		36-124%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method bla
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-50-2213475		
Lab Sample ID:	M29531-3	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	SW846 8082 SW846 3510C	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF30126.D	1	12/31/02	NM	12/27/02	OP4951	GEF1532
Run #2							

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	0.29	ug/l	
11104-28-2	Aroclor 1221	ND	0.29	ug/l	
11141-16-5	Aroclor 1232	ND	0.29	ug/l	
53469-21-9	Aroclor 1242	ND	0.29	ug/l	
12672-29-6	Aroclor 1248	ND	0.29	ug/l	
11097-69-1	Aroclor 1254	ND	0.29	ug/l	
11096-82-5	Aroclor 1260	ND	0.29	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	102%		28-124%
877-09-8	Tetrachloro-m-xylene	90%		28-124%
2051-24-3	Decachlorobiphenyl	93%		32-161%
2051-24-3	Decachlorobiphenyl	84%		32-161%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-50-2213475 UF		
Lab Sample ID:	M29531-3A	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
		Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	15.4	4.0	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Barium	604	200	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Cadmium	<4.0	4.0	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Chromium	17.1	10	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Copper	<25	25	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Lead	12.8	5.0	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Mercury	<0.20	0.20	ug/l	1	12/30/02	12/31/02	MA	SW846 7470A	SW846 7470A
Nickel	128	40	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Selenium	<10	10	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Silver	<5.0	5.0	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Zinc	47.3	20	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-45-2213472		
Lab Sample ID:	M29531-4	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G23644.D	1	12/31/02	PB	n/a	n/a	MSG824
Run #2							

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	2.0	ug/l	
75-25-2	Bromoform	ND	2.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	2.0	ug/l	
108-90-7	Chlorobenzene	ND	2.0	ug/l	
75-00-3	Chloroethane	ND	5.0	ug/l	
67-66-3	Chloroform	ND	2.0	ug/l	
74-87-3	Chloromethane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	2.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	2.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	2.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	ug/l	
127-18-4	Tetrachloroethene	ND	2.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	2.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	2.0	ug/l	
79-01-6	Trichloroethene	ND	2.0	ug/l	
75-01-4	Vinyl chloride	ND	2.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-45-2213472		
Lab Sample ID:	M29531-4	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

VOA TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	106%		83-129%
2037-26-5	Toluene-D8	98%		89-111%
460-00-4	4-Bromofluorobenzene	113%		81-119%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-45-2213472		
Lab Sample ID:	M29531-4	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	CT-ETPH SW846 3510C	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GH15487.D	1	12/31/02	AMY	12/26/02	OP4946	GGH1880
Run #2							

CAS No.	Compound	Result	RL	Units	Q
	CT-DRO (C9-C36)	0.984	0.086	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	103%		36-124%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-45-2213472		
Lab Sample ID:	M29531-4	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	SW846 8082 SW846 3510C	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF30130.D	1	12/31/02	NM	12/27/02	OP4951	GEF1532
Run #2							

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	0.25	ug/l	
11104-28-2	Aroclor 1221	ND	0.25	ug/l	
11141-16-5	Aroclor 1232	ND	0.25	ug/l	
53469-21-9	Aroclor 1242	ND	0.25	ug/l	
12672-29-6	Aroclor 1248	ND	0.25	ug/l	
11097-69-1	Aroclor 1254	ND	0.25	ug/l	
11096-82-5	Aroclor 1260	ND	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	92%		28-124%
877-09-8	Tetrachloro-m-xylene	85%		28-124%
2051-24-3	Decachlorobiphenyl	89%		32-161%
2051-24-3	Decachlorobiphenyl	80%		32-161%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-45-2213472 UF		
Lab Sample ID:	M29531-4A	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
		Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	12.8	4.0	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Barium	<200	200	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Cadmium	<4.0	4.0	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Chromium	<10	10	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Copper	<25	25	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Lead	<5.0	5.0	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Mercury	<0.20	0.20	ug/l	1	12/30/02	12/31/02	MA	SW846 7470A	SW846 7470A
Nickel	179	40	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Selenium	<10	10	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Silver	<5.0	5.0	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Zinc	<20	20	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-46-2213465		
Lab Sample ID:	M29531-5	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G23645.D	1	12/31/02	PB	n/a	n/a	MSG824
Run #2							

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	2.0	ug/l	
75-25-2	Bromoform	ND	2.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	2.0	ug/l	
108-90-7	Chlorobenzene	ND	2.0	ug/l	
75-00-3	Chloroethane	ND	5.0	ug/l	
67-66-3	Chloroform	ND	2.0	ug/l	
74-87-3	Chloromethane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	2.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	2.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	2.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	ug/l	
127-18-4	Tetrachloroethene	ND	2.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	2.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	2.0	ug/l	
79-01-6	Trichloroethene	ND	2.0	ug/l	
75-01-4	Vinyl chloride	ND	2.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-46-2213465		
Lab Sample ID:	M29531-5	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

VOA TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%		83-129%
2037-26-5	Toluene-D8	100%		89-111%
460-00-4	4-Bromofluorobenzene	119%		81-119%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-46-2213465		
Lab Sample ID:	M29531-5	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	CT-ETPH SW846 3510C	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GH15488.D	1	12/31/02	AMY	12/26/02	OP4946	GGH1880
Run #2							

CAS No.	Compound	Result	RL	Units	Q
	CT-DRO (C9-C36)	0.119	0.082	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	111%		36-124%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method bla
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-46-2213465		
Lab Sample ID:	M29531-5	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	SW846 8082 SW846 3510C	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF30131.D	1	12/31/02	NM	12/27/02	OP4951	GEF1532
Run #2							

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	0.26	ug/l	
11104-28-2	Aroclor 1221	ND	0.26	ug/l	
11141-16-5	Aroclor 1232	ND	0.26	ug/l	
53469-21-9	Aroclor 1242	ND	0.26	ug/l	
12672-29-6	Aroclor 1248	ND	0.26	ug/l	
11097-69-1	Aroclor 1254	ND	0.26	ug/l	
11096-82-5	Aroclor 1260	ND	0.26	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	92%		28-124%
877-09-8	Tetrachloro-m-xylene	85%		28-124%
2051-24-3	Decachlorobiphenyl	104%		32-161%
2051-24-3	Decachlorobiphenyl	94%		32-161%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-46-2213465 UF		
Lab Sample ID:	M29531-5A	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
		Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By		Method	Prep Method
Arsenic	<4.0	4.0	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Barium	<200	200	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Cadmium	<4.0	4.0	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Chromium	<10	10	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Copper	<25	25	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Lead	<5.0	5.0	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Mercury	<0.20	0.20	ug/l	1	12/30/02	12/31/02	MA	SW846 7470A	SW846 7470A
Nickel	<40	40	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Selenium	<10	10	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Silver	<5.0	5.0	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Zinc	<20	20	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-47-2213464		
Lab Sample ID:	M29531-6	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G23646.D	1	12/31/02	PB	n/a	n/a	MSG824
Run #2							

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	2.0	ug/l	
75-25-2	Bromoform	ND	2.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	2.0	ug/l	
108-90-7	Chlorobenzene	ND	2.0	ug/l	
75-00-3	Chloroethane	ND	5.0	ug/l	
67-66-3	Chloroform	ND	2.0	ug/l	
74-87-3	Chloromethane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	2.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	2.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	2.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	ug/l	
127-18-4	Tetrachloroethene	ND	2.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	2.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	2.0	ug/l	
79-01-6	Trichloroethene	ND	2.0	ug/l	
75-01-4	Vinyl chloride	ND	2.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-47-2213464		
Lab Sample ID:	M29531-6	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

VOA TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	112%		83-129%
2037-26-5	Toluene-D8	98%		89-111%
460-00-4	4-Bromofluorobenzene	115%		81-119%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-47-2213464		
Lab Sample ID:	M29531-6	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	CT-ETPH SW846 3510C	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GH15491.D	1	12/31/02	AMY	12/26/02	OP4946	GGH1880
Run #2							

CAS No.	Compound	Result	RL	Units	Q
	CT-DRO (C9-C36)	ND	0.087	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	104%		36-124%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-47-2213464		
Lab Sample ID:	M29531-6	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	SW846 8082 SW846 3510C	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF30132.D	1	12/31/02	NM	12/27/02	OP4951	GEF1532
Run #2							

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	0.28	ug/l	
11104-28-2	Aroclor 1221	ND	0.28	ug/l	
11141-16-5	Aroclor 1232	ND	0.28	ug/l	
53469-21-9	Aroclor 1242	ND	0.28	ug/l	
12672-29-6	Aroclor 1248	ND	0.28	ug/l	
11097-69-1	Aroclor 1254	ND	0.28	ug/l	
11096-82-5	Aroclor 1260	ND	0.28	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	95%		28-124%
877-09-8	Tetrachloro-m-xylene	87%		28-124%
2051-24-3	Decachlorobiphenyl	109%		32-161%
2051-24-3	Decachlorobiphenyl	100%		32-161%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-47-2213464 UF		
Lab Sample ID:	M29531-6A	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
		Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	<4.0	4.0	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Barium	<200	200	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Cadmium	<4.0	4.0	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Chromium	<10	10	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Copper	<25	25	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Lead	<5.0	5.0	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Mercury	<0.20	0.20	ug/l	1	12/30/02	12/31/02	MA	SW846 7470A	SW846 7470A
Nickel	<40	40	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Selenium	<10	10	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Silver	<5.0	5.0	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Zinc	<20	20	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-19S-2213474		
Lab Sample ID:	M29531-7	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G23647.D	1	12/31/02	PB	n/a	n/a	MSG824
Run #2							

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	2.0	ug/l	
75-25-2	Bromoform	ND	2.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	2.0	ug/l	
108-90-7	Chlorobenzene	ND	2.0	ug/l	
75-00-3	Chloroethane	ND	5.0	ug/l	
67-66-3	Chloroform	ND	2.0	ug/l	
74-87-3	Chloromethane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	2.3	2.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	2.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	8.5	2.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	ug/l	
127-18-4	Tetrachloroethene	ND	2.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	2.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	2.0	ug/l	
79-01-6	Trichloroethene	ND	2.0	ug/l	
75-01-4	Vinyl chloride	ND	2.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-19S-2213474		
Lab Sample ID:	M29531-7	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

VOA TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	109%		83-129%
2037-26-5	Toluene-D8	98%		89-111%
460-00-4	4-Bromofluorobenzene	115%		81-119%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-19S-2213474		
Lab Sample ID:	M29531-7	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	CT-ETPH SW846 3510C	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GH15492.D	1	12/31/02	AMY	12/26/02	OP4946	GGH1880
Run #2							

CAS No.	Compound	Result	RL	Units	Q
	CT-DRO (C9-C36)	ND	0.082	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	113%		36-124%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method bla
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-19S-2213474		
Lab Sample ID:	M29531-7	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	SW846 8082 SW846 3510C	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF30133.D	1	12/31/02	NM	12/27/02	OP4951	GEF1532
Run #2							

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	0.26	ug/l	
11104-28-2	Aroclor 1221	ND	0.26	ug/l	
11141-16-5	Aroclor 1232	ND	0.26	ug/l	
53469-21-9	Aroclor 1242	ND	0.26	ug/l	
12672-29-6	Aroclor 1248	ND	0.26	ug/l	
11097-69-1	Aroclor 1254	ND	0.26	ug/l	
11096-82-5	Aroclor 1260	ND	0.26	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	115%		28-124%
877-09-8	Tetrachloro-m-xylene	107%		28-124%
2051-24-3	Decachlorobiphenyl	120%		32-161%
2051-24-3	Decachlorobiphenyl	111%		32-161%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-19S-2213474 UF		
Lab Sample ID:	M29531-7A	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
		Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	<4.0	4.0	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Barium	<200	200	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Cadmium	<4.0	4.0	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Chromium	<10	10	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Copper	<25	25	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Lead	<5.0	5.0	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Mercury	<0.20	0.20	ug/l	1	12/30/02	12/31/02	MA	SW846 7470A	SW846 7470A
Nickel	<40	40	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Selenium	<10	10	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Silver	<5.0	5.0	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Zinc	<20	20	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-40-2213476		
Lab Sample ID:	M29531-8	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G23648.D	1	12/31/02	PB	n/a	n/a	MSG824
Run #2							

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	2.0	ug/l	
75-25-2	Bromoform	ND	2.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	2.0	ug/l	
108-90-7	Chlorobenzene	ND	2.0	ug/l	
75-00-3	Chloroethane	ND	5.0	ug/l	
67-66-3	Chloroform	ND	2.0	ug/l	
74-87-3	Chloromethane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	10.1	2.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	2.0	ug/l	
75-35-4	1,1-Dichloroethene	1.1	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	5.5	2.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	ug/l	
127-18-4	Tetrachloroethene	ND	2.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	2.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	2.0	ug/l	
79-01-6	Trichloroethene	2.2	2.0	ug/l	
75-01-4	Vinyl chloride	6.2	2.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-40-2213476		
Lab Sample ID:	M29531-8	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

VOA TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	113%		83-129%
2037-26-5	Toluene-D8	98%		89-111%
460-00-4	4-Bromofluorobenzene	115%		81-119%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-40-2213476		
Lab Sample ID:	M29531-8	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	CT-ETPH SW846 3510C	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GH15493.D	1	12/31/02	AMY	12/26/02	OP4946	GGH1880
Run #2							

CAS No.	Compound	Result	RL	Units	Q
	CT-DRO (C9-C36)	ND	0.084	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	103%		36-124%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-40-2213476		
Lab Sample ID:	M29531-8	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	SW846 8082 SW846 3510C	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF30134.D	1	12/31/02	NM	12/27/02	OP4951	GEF1532
Run #2							

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	0.28	ug/l	
11104-28-2	Aroclor 1221	ND	0.28	ug/l	
11141-16-5	Aroclor 1232	ND	0.28	ug/l	
53469-21-9	Aroclor 1242	ND	0.28	ug/l	
12672-29-6	Aroclor 1248	ND	0.28	ug/l	
11097-69-1	Aroclor 1254	ND	0.28	ug/l	
11096-82-5	Aroclor 1260	ND	0.28	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	99%		28-124%
877-09-8	Tetrachloro-m-xylene	92%		28-124%
2051-24-3	Decachlorobiphenyl	109%		32-161%
2051-24-3	Decachlorobiphenyl	100%		32-161%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-40-2213476 UF		
Lab Sample ID:	M29531-8A	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
		Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	<4.0	4.0	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Barium	<200	200	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Cadmium	<4.0	4.0	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Chromium	<10	10	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Copper	<25	25	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Lead	<5.0	5.0	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Mercury	<0.20	0.20	ug/l	1	12/30/02	12/31/02	MA	SW846 7470A	SW846 7470A
Nickel	<40	40	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Selenium	<10	10	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Silver	<5.0	5.0	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Zinc	30.6	20	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-41-2213469		
Lab Sample ID:	M29531-9	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G23649.D	1	12/31/02	PB	n/a	n/a	MSG824
Run #2							

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	2.0	ug/l	
75-25-2	Bromoform	ND	2.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	2.0	ug/l	
108-90-7	Chlorobenzene	ND	2.0	ug/l	
75-00-3	Chloroethane	ND	5.0	ug/l	
67-66-3	Chloroform	ND	2.0	ug/l	
74-87-3	Chloromethane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	2.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	2.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	2.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	ug/l	
127-18-4	Tetrachloroethene	ND	2.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	2.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	2.0	ug/l	
79-01-6	Trichloroethene	ND	2.0	ug/l	
75-01-4	Vinyl chloride	ND	2.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-41-2213469		
Lab Sample ID:	M29531-9	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

VOA TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%		83-129%
2037-26-5	Toluene-D8	98%		89-111%
460-00-4	4-Bromofluorobenzene	117%		81-119%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-41-2213469		
Lab Sample ID:	M29531-9	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	CT-ETPH SW846 3510C	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GH15494.D	1	12/31/02	AMY	12/26/02	OP4946	GGH1880
Run #2							

CAS No.	Compound	Result	RL	Units	Q
	CT-DRO (C9-C36)	ND	0.084	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	115%		36-124%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-41-2213469		
Lab Sample ID:	M29531-9	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	SW846 8082 SW846 3510C	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF30135.D	1	12/31/02	NM	12/27/02	OP4951	GEF1532
Run #2							

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	0.26	ug/l	
11104-28-2	Aroclor 1221	ND	0.26	ug/l	
11141-16-5	Aroclor 1232	ND	0.26	ug/l	
53469-21-9	Aroclor 1242	ND	0.26	ug/l	
12672-29-6	Aroclor 1248	ND	0.26	ug/l	
11097-69-1	Aroclor 1254	ND	0.26	ug/l	
11096-82-5	Aroclor 1260	ND	0.26	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	92%		28-124%
877-09-8	Tetrachloro-m-xylene	85%		28-124%
2051-24-3	Decachlorobiphenyl	105%		32-161%
2051-24-3	Decachlorobiphenyl	99%		32-161%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-41-2213469 UF		
Lab Sample ID:	M29531-9A	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
		Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	<4.0	4.0	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Barium	<200	200	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Cadmium	<4.0	4.0	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Chromium	<10	10	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Copper	<25	25	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Lead	<5.0	5.0	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Mercury	<0.20	0.20	ug/l	1	12/30/02	12/31/02	MA	SW846 7470A	SW846 7470A
Nickel	<40	40	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Selenium	<10	10	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Silver	<5.0	5.0	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Zinc	<20	20	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-42-2213468		
Lab Sample ID:	M29531-10	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G23652.D	1	01/01/03	PB	n/a	n/a	MSG824
Run #2							

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	2.0	ug/l	
75-25-2	Bromoform	ND	2.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	2.0	ug/l	
108-90-7	Chlorobenzene	ND	2.0	ug/l	
75-00-3	Chloroethane	ND	5.0	ug/l	
67-66-3	Chloroform	ND	2.0	ug/l	
74-87-3	Chloromethane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	2.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	2.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	2.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	ug/l	
127-18-4	Tetrachloroethene	ND	2.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	2.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	2.0	ug/l	
79-01-6	Trichloroethene	ND	2.0	ug/l	
75-01-4	Vinyl chloride	ND	2.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-42-2213468		
Lab Sample ID:	M29531-10	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

VOA TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	111%		83-129%
2037-26-5	Toluene-D8	99%		89-111%
460-00-4	4-Bromofluorobenzene	117%		81-119%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-42-2213468		
Lab Sample ID:	M29531-10	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	CT-ETPH SW846 3510C	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GH15495.D	1	12/31/02	AMY	12/26/02	OP4946	GGH1880
Run #2							

CAS No.	Compound	Result	RL	Units	Q
	CT-DRO (C9-C36)	ND	0.089	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	124%		36-124%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method bla
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-42-2213468		
Lab Sample ID:	M29531-10	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	SW846 8082 SW846 3510C	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF30136.D	1	12/31/02	NM	12/27/02	OP4951	GEF1532
Run #2							

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	0.25	ug/l	
11104-28-2	Aroclor 1221	ND	0.25	ug/l	
11141-16-5	Aroclor 1232	ND	0.25	ug/l	
53469-21-9	Aroclor 1242	ND	0.25	ug/l	
12672-29-6	Aroclor 1248	ND	0.25	ug/l	
11097-69-1	Aroclor 1254	ND	0.25	ug/l	
11096-82-5	Aroclor 1260	ND	0.25	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	87%		28-124%
877-09-8	Tetrachloro-m-xylene	79%		28-124%
2051-24-3	Decachlorobiphenyl	107%		32-161%
2051-24-3	Decachlorobiphenyl	99%		32-161%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-42-2213468 UF		
Lab Sample ID:	M29531-10A	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
		Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	<4.0	4.0	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Barium	<200	200	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Cadmium	<4.0	4.0	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Chromium	<10	10	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Copper	<25	25	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Lead	<5.0	5.0	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Mercury	<0.20	0.20	ug/l	1	12/30/02	12/31/02	MA	SW846 7470A	SW846 7470A
Nickel	<40	40	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Selenium	<10	10	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Silver	<5.0	5.0	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Zinc	103	20	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-43-2213467		
Lab Sample ID:	M29531-11	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G23653.D	1	01/01/03	PB	n/a	n/a	MSG824
Run #2							

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	2.0	ug/l	
75-25-2	Bromoform	ND	2.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	2.0	ug/l	
108-90-7	Chlorobenzene	ND	2.0	ug/l	
75-00-3	Chloroethane	ND	5.0	ug/l	
67-66-3	Chloroform	ND	2.0	ug/l	
74-87-3	Chloromethane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	2.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	2.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	2.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	ug/l	
127-18-4	Tetrachloroethene	ND	2.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	2.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	2.0	ug/l	
79-01-6	Trichloroethene	ND	2.0	ug/l	
75-01-4	Vinyl chloride	ND	2.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-43-2213467		
Lab Sample ID:	M29531-11	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

VOA TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	114%		83-129%
2037-26-5	Toluene-D8	100%		89-111%
460-00-4	4-Bromofluorobenzene	115%		81-119%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-43-2213467		
Lab Sample ID:	M29531-11	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	CT-ETPH SW846 3510C	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GH15496.D	1	12/31/02	AMY	12/26/02	OP4946	GGH1880
Run #2							

CAS No.	Compound	Result	RL	Units	Q
	CT-DRO (C9-C36)	ND	0.083	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	108%		36-124%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-43-2213467		
Lab Sample ID:	M29531-11	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	SW846 8082 SW846 3510C	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF30137.D	1	12/31/02	NM	12/27/02	OP4951	GEF1532
Run #2							

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	0.26	ug/l	
11104-28-2	Aroclor 1221	ND	0.26	ug/l	
11141-16-5	Aroclor 1232	ND	0.26	ug/l	
53469-21-9	Aroclor 1242	ND	0.26	ug/l	
12672-29-6	Aroclor 1248	ND	0.26	ug/l	
11097-69-1	Aroclor 1254	ND	0.26	ug/l	
11096-82-5	Aroclor 1260	ND	0.26	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	84%		28-124%
877-09-8	Tetrachloro-m-xylene	76%		28-124%
2051-24-3	Decachlorobiphenyl	103%		32-161%
2051-24-3	Decachlorobiphenyl	94%		32-161%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-43-2213467 UF		
Lab Sample ID:	M29531-11A	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
		Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	<4.0	4.0	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Barium	<200	200	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Cadmium	<4.0	4.0	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Chromium	<10	10	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Copper	<25	25	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Lead	<5.0	5.0	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Mercury	<0.20	0.20	ug/l	1	12/30/02	12/31/02	MA	SW846 7470A	SW846 7470A
Nickel	<40	40	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Selenium	<10	10	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Silver	<5.0	5.0	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Zinc	<20	20	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-44-2213466		
Lab Sample ID:	M29531-12	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G23654.D	1	01/01/03	PB	n/a	n/a	MSG824
Run #2							

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	2.0	ug/l	
75-25-2	Bromoform	ND	2.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	2.0	ug/l	
108-90-7	Chlorobenzene	ND	2.0	ug/l	
75-00-3	Chloroethane	ND	5.0	ug/l	
67-66-3	Chloroform	ND	2.0	ug/l	
74-87-3	Chloromethane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	2.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	2.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	2.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	ug/l	
127-18-4	Tetrachloroethene	ND	2.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	2.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	2.0	ug/l	
79-01-6	Trichloroethene	ND	2.0	ug/l	
75-01-4	Vinyl chloride	ND	2.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-44-2213466		
Lab Sample ID:	M29531-12	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

VOA TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	111%		83-129%
2037-26-5	Toluene-D8	98%		89-111%
460-00-4	4-Bromofluorobenzene	119%		81-119%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-44-2213466		
Lab Sample ID:	M29531-12	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	CT-ETPH SW846 3510C	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GH15497.D	1	12/31/02	AMY	12/26/02	OP4946	GGH1880
Run #2							

CAS No.	Compound	Result	RL	Units	Q
	CT-DRO (C9-C36)	ND	0.082	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	115%		36-124%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method bla
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-44-2213466		
Lab Sample ID:	M29531-12	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	SW846 8082 SW846 3510C	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF30138.D	1	12/31/02	NM	12/27/02	OP4951	GEF1532
Run #2							

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	0.26	ug/l	
11104-28-2	Aroclor 1221	ND	0.26	ug/l	
11141-16-5	Aroclor 1232	ND	0.26	ug/l	
53469-21-9	Aroclor 1242	ND	0.26	ug/l	
12672-29-6	Aroclor 1248	ND	0.26	ug/l	
11097-69-1	Aroclor 1254	ND	0.26	ug/l	
11096-82-5	Aroclor 1260	ND	0.26	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	97%		28-124%
877-09-8	Tetrachloro-m-xylene	89%		28-124%
2051-24-3	Decachlorobiphenyl	113%		32-161%
2051-24-3	Decachlorobiphenyl	104%		32-161%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-44-2213466 UF		
Lab Sample ID:	M29531-12A	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
		Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	<4.0	4.0	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Barium	<200	200	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Cadmium	<4.0	4.0	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Chromium	<10	10	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Copper	<25	25	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Lead	<5.0	5.0	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Mercury	<0.20	0.20	ug/l	1	12/30/02	12/31/02	MA	SW846 7470A	SW846 7470A
Nickel	<40	40	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Selenium	<10	10	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Silver	<5.0	5.0	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Zinc	<20	20	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-49-2213482		
Lab Sample ID:	M29531-13	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G23655.D	1	01/01/03	PB	n/a	n/a	MSG824
Run #2							

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	2.0	ug/l	
75-25-2	Bromoform	ND	2.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	2.0	ug/l	
108-90-7	Chlorobenzene	ND	2.0	ug/l	
75-00-3	Chloroethane	ND	5.0	ug/l	
67-66-3	Chloroform	ND	2.0	ug/l	
74-87-3	Chloromethane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	2.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	2.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	2.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	ug/l	
127-18-4	Tetrachloroethene	ND	2.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	2.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	2.0	ug/l	
79-01-6	Trichloroethene	ND	2.0	ug/l	
75-01-4	Vinyl chloride	ND	2.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-49-2213482		
Lab Sample ID:	M29531-13	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

VOA TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	115%		83-129%
2037-26-5	Toluene-D8	97%		89-111%
460-00-4	4-Bromofluorobenzene	117%		81-119%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-49-2213482		
Lab Sample ID:	M29531-13	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	CT-ETPH SW846 3510C	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GH15498.D	1	12/31/02	AMY	12/26/02	OP4946	GGH1880
Run #2							

CAS No.	Compound	Result	RL	Units	Q
	CT-DRO (C9-C36)	ND	0.082	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	101%		36-124%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-49-2213482		
Lab Sample ID:	M29531-13	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	SW846 8082 SW846 3510C	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF30139.D	1	12/31/02	NM	12/27/02	OP4951	GEF1532
Run #2							

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	0.27	ug/l	
11104-28-2	Aroclor 1221	ND	0.27	ug/l	
11141-16-5	Aroclor 1232	ND	0.27	ug/l	
53469-21-9	Aroclor 1242	ND	0.27	ug/l	
12672-29-6	Aroclor 1248	ND	0.27	ug/l	
11097-69-1	Aroclor 1254	ND	0.27	ug/l	
11096-82-5	Aroclor 1260	ND	0.27	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	85%		28-124%
877-09-8	Tetrachloro-m-xylene	77%		28-124%
2051-24-3	Decachlorobiphenyl	91%		32-161%
2051-24-3	Decachlorobiphenyl	81%		32-161%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blar
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-MW-49-2213482 UF		
Lab Sample ID:	M29531-13A	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
		Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	4.7	4.0	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Barium	<200	200	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Cadmium	<4.0	4.0	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Chromium	<10	10	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Copper	<25	25	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Lead	<5.0	5.0	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Mercury	<0.20	0.20	ug/l	1	12/30/02	12/31/02	MA	SW846 7470A	SW846 7470A
Nickel	<40	40	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Selenium	<10	10	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Silver	<5.0	5.0	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Zinc	<20	20	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-AC01-2213481		
Lab Sample ID:	M29531-14	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G23656.D	1	01/01/03	PB	n/a	n/a	MSG824
Run #2							

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	2.0	ug/l	
75-25-2	Bromoform	ND	2.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	2.0	ug/l	
108-90-7	Chlorobenzene	ND	2.0	ug/l	
75-00-3	Chloroethane	ND	5.0	ug/l	
67-66-3	Chloroform	ND	2.0	ug/l	
74-87-3	Chloromethane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	2.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	2.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	2.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	ug/l	
127-18-4	Tetrachloroethene	ND	2.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	2.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	2.0	ug/l	
79-01-6	Trichloroethene	ND	2.0	ug/l	
75-01-4	Vinyl chloride	ND	2.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-AC01-2213481		
Lab Sample ID:	M29531-14	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

VOA TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	114%		83-129%
2037-26-5	Toluene-D8	101%		89-111%
460-00-4	4-Bromofluorobenzene	118%		81-119%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-AC01-2213481		
Lab Sample ID:	M29531-14	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	CT-ETPH SW846 3510C	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GH15499.D	1	12/31/02	AMY	12/26/02	OP4946	GGH1880
Run #2							

CAS No.	Compound	Result	RL	Units	Q
	CT-DRO (C9-C36)	ND	0.082	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	110%		36-124%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method bla
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-AC01-2213481		
Lab Sample ID:	M29531-14	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	SW846 8082 SW846 3510C	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF30142.D	1	12/31/02	NM	12/27/02	OP4951	GEF1532
Run #2							

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	0.26	ug/l	
11104-28-2	Aroclor 1221	ND	0.26	ug/l	
11141-16-5	Aroclor 1232	ND	0.26	ug/l	
53469-21-9	Aroclor 1242	ND	0.26	ug/l	
12672-29-6	Aroclor 1248	ND	0.26	ug/l	
11097-69-1	Aroclor 1254	ND	0.26	ug/l	
11096-82-5	Aroclor 1260	ND	0.26	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	103%		28-124%
877-09-8	Tetrachloro-m-xylene	94%		28-124%
2051-24-3	Decachlorobiphenyl	95%		32-161%
2051-24-3	Decachlorobiphenyl	87%		32-161%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-AC01-2213481 UF		
Lab Sample ID:	M29531-14A	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
		Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	<4.0	4.0	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Barium	<200	200	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Cadmium	<4.0	4.0	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Chromium	<10	10	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Copper	<25	25	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Lead	<5.0	5.0	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Mercury	<0.20	0.20	ug/l	1	12/30/02	12/31/02	MA	SW846 7470A	SW846 7470A
Nickel	<40	40	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Selenium	<10	10	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Silver	<5.0	5.0	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Zinc	<20	20	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A

RL = Reporting Limit

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Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-AC02-2213480		
Lab Sample ID:	M29531-15	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G23657.D	1	01/01/03	PB	n/a	n/a	MSG824
Run #2							

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	ND	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	2.0	ug/l	
75-25-2	Bromoform	ND	2.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	ND	2.0	ug/l	
108-90-7	Chlorobenzene	ND	2.0	ug/l	
75-00-3	Chloroethane	ND	5.0	ug/l	
67-66-3	Chloroform	ND	2.0	ug/l	
74-87-3	Chloromethane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	ND	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	2.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	2.0	ug/l	
75-35-4	1,1-Dichloroethene	ND	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	2.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	ND	2.0	ug/l	
78-87-5	1,2-Dichloropropane	ND	2.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	ND	1.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	5.0	ug/l	
75-09-2	Methylene chloride	ND	2.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.0	ug/l	
127-18-4	Tetrachloroethene	ND	2.0	ug/l	
108-88-3	Toluene	ND	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	2.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	2.0	ug/l	
79-01-6	Trichloroethene	ND	2.0	ug/l	
75-01-4	Vinyl chloride	ND	2.0	ug/l	
1330-20-7	Xylene (total)	ND	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-AC02-2213480		
Lab Sample ID:	M29531-15	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

VOA TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	114%		83-129%
2037-26-5	Toluene-D8	98%		89-111%
460-00-4	4-Bromofluorobenzene	114%		81-119%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-AC03-2213479		
Lab Sample ID:	M29531-16	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	CT-ETPH SW846 3510C	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GH15500.D	1	12/31/02	AMY	12/26/02	OP4946	GGH1880
Run #2							

CAS No.	Compound	Result	RL	Units	Q
	CT-DRO (C9-C36)	0.976	0.084	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
3386-33-2	1-Chlorooctadecane	115%		36-124%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-AC03-2213479 UF		
Lab Sample ID:	M29531-16A	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
		Percent Solids:	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	343	4.0	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Barium	1030	200	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Cadmium	295	4.0	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Chromium	356	10	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Copper	726	25	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Lead	327	5.0	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Mercury	0.43	0.20	ug/l	1	01/02/03	01/02/03	MA	SW846 7470A	SW846 7470A
Nickel	139	40	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Selenium	185	10	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Silver	112	5.0	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A
Zinc	792	20	ug/l	1	12/27/02	12/30/02	LMN	SW846 6010B	SW846 3010A

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-AC03-2213478		
Lab Sample ID:	M29531-17	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G23658.D	1	01/01/03	PB	n/a	n/a	MSG824
Run #2							

VOA TCL List

CAS No.	Compound	Result	RL	Units	Q
67-64-1	Acetone	ND	5.0	ug/l	
71-43-2	Benzene	66.8	0.50	ug/l	
75-27-4	Bromodichloromethane	33.6	2.0	ug/l	
75-25-2	Bromoform	24.7	2.0	ug/l	
74-83-9	Bromomethane	ND	2.0	ug/l	
78-93-3	2-Butanone (MEK)	ND	5.0	ug/l	
75-15-0	Carbon disulfide	ND	5.0	ug/l	
56-23-5	Carbon tetrachloride	36.7	2.0	ug/l	
108-90-7	Chlorobenzene	35.2	2.0	ug/l	
75-00-3	Chloroethane	ND	5.0	ug/l	
67-66-3	Chloroform	30.4	2.0	ug/l	
74-87-3	Chloromethane	ND	5.0	ug/l	
124-48-1	Dibromochloromethane	31.1	2.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	2.0	ug/l	
107-06-2	1,2-Dichloroethane	38.0	2.0	ug/l	
75-35-4	1,1-Dichloroethene	76.8	1.0	ug/l	
156-59-2	cis-1,2-Dichloroethene	ND	2.0	ug/l	
156-60-5	trans-1,2-Dichloroethene	56.9	2.0	ug/l	
78-87-5	1,2-Dichloropropane	90.5	2.0	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ug/l	
100-41-4	Ethylbenzene	24.4	1.0	ug/l	
591-78-6	2-Hexanone	ND	5.0	ug/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	25.1	5.0	ug/l	
75-09-2	Methylene chloride	42.1	2.0	ug/l	
100-42-5	Styrene	ND	5.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	47.9	2.0	ug/l	
127-18-4	Tetrachloroethene	53.1	2.0	ug/l	
108-88-3	Toluene	29.5	1.0	ug/l	
71-55-6	1,1,1-Trichloroethane	26.5	2.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	2.0	ug/l	
79-01-6	Trichloroethene	37.2	2.0	ug/l	
75-01-4	Vinyl chloride	ND	2.0	ug/l	
1330-20-7	Xylene (total)	151	1.0	ug/l	

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-AC03-2213478		
Lab Sample ID:	M29531-17	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

VOA TCL List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	114%		83-129%
2037-26-5	Toluene-D8	100%		89-111%
460-00-4	4-Bromofluorobenzene	117%		81-119%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	LEA-PWEH-WT-WT-AC03-2213478		
Lab Sample ID:	M29531-17	**Date Sampled:**	12/23/02
Matrix:	AQ - Ground Water	**Date Received:**	12/24/02
Method:	SW846 8082 SW846 3510C	**Percent Solids:**	n/a
Project:	LEA:Willow Pond Post-Construction GW Monitoring		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	EF30143.D	1	12/31/02	NM	12/27/02	OP4951	GEF1532
Run #2							

PCB List

CAS No.	Compound	Result	RL	Units	Q
12674-11-2	Aroclor 1016	ND	0.26	ug/l	
11104-28-2	Aroclor 1221	ND	0.26	ug/l	
11141-16-5	Aroclor 1232	ND	0.26	ug/l	
53469-21-9	Aroclor 1242	ND	0.26	ug/l	
12672-29-6	Aroclor 1248	ND	0.26	ug/l	
11097-69-1	Aroclor 1254	3.6	0.26	ug/l	
11096-82-5	Aroclor 1260	ND	0.26	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	99%		28-124%
877-09-8	Tetrachloro-m-xylene	91%		28-124%
2051-24-3	Decachlorobiphenyl	105%		32-161%
2051-24-3	Decachlorobiphenyl	96%		32-161%

ND = Not detected
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Reza Tand

From: David Fiereck [dfiereck@loureiro.com]
Sent: Thursday, December 26, 2002 11:32 AM
To: Reza Tand
Subject: Willow Pond GW sampling COC correction

As per our discussion, please change the UTC ID that corresponds to LEA ID 2213478 from "LEA-PWEH-WT-AC03-2213479" to LEA-PWEH-WT-AC03-2213478.

Thanks,

David Fiereck
Loureiro Engineering Associates, Inc.
100 Northwest Drive
Plainville, CT 06062
Phone: (860) 410-2946
Fax: (860) 747-8822

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ACCUTEST

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MARLBOROUGH, MA 01752
TEL: 508-481-6200 • FAX: 508-481-7753

1 of 5

ACCUTEST JOB #: M295

ACCUTEST QUOTE #:

CLIENT INFORMATION

NAME: Loureiro Eng. Assc.
ADDRESS: 100 Northwest Dr.
CITY: Plainville STATE: CT ZIP: 06062
SEND REPORT TO: Dave Feirecke
PHONE #: 860 747 6181

FACILITY INFORMATION

PROJECT NAME: Willow Pond Post Construction GW Monitoring
LOCATION: P&W EH
PROJECT NO.: 88UT103
FAX #: Per UARP

ANALYTICAL INFORMATION

ACCUTEST SAMPLE #	FIELD ID / POINT OF COLLECTION	COLLECTION DATE	COLLECTION TIME	SAMPLED BY:	MATRIX	# OF BOTTLES	PRESERVATION HCl	NaOH	HNO3	H2SO4	NONE	HCl	8260 B VOC's	eTPH	8082 PCB's	Metals (Per UARP)	LAB USE ONLY
M29531-1	2213471	12/23/02	945	JHM	GW	2	X					X	X				(-WT-WT-MW-48-2213471)
	2213471					4					X			X	X		(-WT-WT-MW-48-2213471)
-1A	2213471UF					1			X							X	(-WT-WT-MW-48-2213471UF)
	2213473		1115			2	X						X				(-WT-WT-MW-49-2213473)
-2	2213473					4					X			X	X		(-WT-WT-MW-49-2213473)
-2A	2213473UF					1			X							X	(-WT-WT-MW-49-2213473UF)
	2213475		1400			2	X						X				(-WT-WT-MW-50-2213475)
-3	2213475					4					X			X	X		(-WT-WT-MW-50-2213475)
-3A	2213475UF					1			X							X	(-WT-WT-MW-50-2213475UF)

MATRIX CODES

DW - DRINKING WATER
GW - GROUND WATER
WW - WASTE WATER
SO - SOIL
SL - SLUDGE
OI - OIL
LIQ - OTHER LIQUID
SOL - OTHER SOLID

DATA TURNAROUND INFORMATION

- ☐ 14 DAYS STANDARD
- ☐ 7 DAYS RUSH
- ☐ 48 HOUR EMERGENCY
- ☒ OTHER Per UARP

APPROVED BY:

14 DAY TURNAROUND HARDCOPY. EMERGENCY OR RUSH IS FAX DATA UNLESS PREVIOUSLY APPROVED

DATA DELIVERABLE INFORMATION

- ☐ STANDARD
- ☐ COMMERCIAL "B"
- ☐ DISK DELIVERABLE
- ☐ STATE FORMS
- ☒ OTHER (SPECIFY) Per UARP

COMMENTS/REMARKS

* Please add (LEA-PWEH-) to all sample names.
Loc 13E, 13F, 6E, 2C3

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESION, INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE TIME:	RECEIVED BY:	RELINQUISHED BY:	DATE TIME:	RECEIVED BY:
1. [signature]	12/24/02 1600	1. [signature]	2.		2.
RELINQUISHED BY: 3.	DATE TIME:	RECEIVED BY: 3.	RELINQUISHED BY: 4.	DATE TIME:	RECEIVED BY: 4.
RELINQUISHED BY: 5.	DATE TIME:	RECEIVED BY: 5.	SEAL #	PRESERVE WHERE APPLICABLE ☐	ON ICE ☐ TEMPERATURE 4.3 C

84

CHAIN OF CUSTODY

ACCUTEST

495 TECHNOLOGY CENTER WEST • BUILDING ONE
MARLBOROUGH, MA 01752
TEL: 508-481-6200 • FAX: 508-481-7753

2 of 5

ACCUTEST JOB #: M2953 1
ACCUTEST QUOTE #:

CLIENT INFORMATION

NAME: Loureiro Engineering
ADDRESS:
CITY, STATE, ZIP: David Freeck
SEND REPORT TO: PHONE #: Per UARP

FACILITY INFORMATION

PROJECT NAME: Willow Pond Post-Construction GW Monitoring
LOCATION: PBW, EH
PROJECT NO.: 88UT103
FAX #: LEA-09/19/02-BAC-01 Per UARP

ANALYTICAL INFORMATION

MATRIX CODES

DW - DRINKING WATER
GW - GROUND WATER
WW - WASTE WATER
SO - SOIL
SL - SLUDGE
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SOL - OTHER SOLID

ACCUTEST SAMPLE #	FIELD ID / POINT OF COLLECTION	COLLECTION DATE	TIME	SAMPLED BY:	MATRIX	# OF BOTTLES	PRESERVATION HCl	NaOH	HNO3	H2SO4	NONE	Ice	8260B VOCs	CTETPH	8082 PCBs	Metals per UARP		LAB USE ONLY
M2953 1	2213472	12/23/02	1030	JHM	GW	2	X					X	X				WTMW45-2213472	
-1	2213472		1030	JHM		4					X	X		X	X			
-4A	2213472UF		1030	JHM		1			X			X				X	WTMW45-2213472UF	
	2213465		1030	JES		2	X					X	X				WTMW46-2213465	
-5	2213465		1030	JES		4						X		X	X			
-5A	2213465uf		1030	JES		1			X			X				X	WTMW46-2213465uf	
	2213464		0945	JES		2	X					X	X				WTMW47-2213464	
-6	2213464		0945	JES		4						X		X	X		WTMW47-2213464	
-6A	2213464uf	12/23/02	0945	JES	GW	1						X				X	WTMW47-2213464uf	

DATA TURNAROUND INFORMATION

- ☐ 14 DAYS STANDARD
- ☐ 7 DAYS *RUSH*
- ☐ 48 HOUR EMERGENCY
- ☒ OTHER per UARP

APPROVED BY:

14 DAY TURNAROUND HARDCOPY. EMERGENCY OR RUSH IS FAX DATA UNLESS PREVIOUSLY APPROVED

DATA DELIVERABLE INFORMATION

- ☐ STANDARD
- ☐ COMMERCIAL "B"
- ☐ DISK DELIVERABLE
- ☐ STATE FORMS
- ☒ OTHER (SPECIFY) per UARP

COMMENTS/REMARKS

*Append "LEA-PWEH-WT-" to all

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESION, INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE TIME:	RECEIVED BY:	RELINQUISHED BY:	DATE TIME:	RECEIVED BY:
1. Jason Miller	12-24-02	1. [signature]	2.		2.
RELINQUISHED BY: 3.	DATE TIME:	RECEIVED BY: 3.	RELINQUISHED BY: 4.	DATE TIME:	RECEIVED BY: 4.
RELINQUISHED BY: 5.	DATE TIME:	RECEIVED BY: 5.	SEAL	PRESERVE WHERE APPLICABLE ☐	ON ICE ☐ TEMPERATURE ____ C

CHAIN OF CUSTODY

ACCUTEST

495 TECHNOLOGY CENTER WEST • BUILDING ONE
MARLBOROUGH, MA 01752
TEL: 508-481-6200 • FAX: 508-481-7753

3 of 5

ACCUTEST JOB #: M29

ACCUTEST QUOTE #:

CLIENT INFORMATION

NAME: Loureiro Engineering

ADDRESS:

CITY, STATE, ZIP: Dave Freneck

SEND REPORT TO: PHONE #: per UARP

FACILITY INFORMATION

PROJECT NAME: Willow Pond Post-Construction GW Monitoring

LOCATION: PSW EH

PROJECT NO.: 88UT103

FAX #: LEA-09/19/02-BAC-01

per UARP

ANALYTICAL INFORMATION

MATRIX CODES

DW - DRINKING WATER
GW - GROUND WATER
WW - WASTE WATER
SO - SOIL
SL - SLUDGE
OI - OIL
LIQ - OTHER LIQUID
SOL - OTHER SOLID

ACCUTEST SAMPLE #	FIELD ID / POINT OF COLLECTION	COLLECTION DATE	TIME	SAMPLED BY:	MATRIX	# OF BOTTLES	HCl	NaOH	HNO3	H2SO4	NONE	ICE	8260B VOCs	CTETPH	8082 PCBs	Metals per UARP		LAB USE ONLY
M29531	2213474	12/23/02	1300	JHM	GW	2	X					X	X				WTMW19S-2213474	
-7	2213474		1300			2					X	X		X				
	2213474		1300			2					X	X			X			
-7A	2213474uF		1300			1			X			X				X	WTMW19S-2213474uF	
	2213476		1445			2	X					X	X				WTMW40-2213476	
-8	2213476		1445			4					X	X		X	X			
-8A	2213476uF		1445	JHM		1			X			X				X	WTMW40-2213476uF	
	2213469		1450	JES		2						X	X				WTMW41-2213469	
-9	2213469		1450	JES		4						X		X	X			
-9A	2213469uF	12/23/02	1450	JES	GW	1			X			X				X	WTMW41-2213469uF	

DATA TURNAROUND INFORMATION

- ☐ 14 DAYS STANDARD
- ☐ 7 DAYS *RUSH*
- ☐ 48 HOUR EMERGENCY
- ☒ OTHER per UARP

APPROVED BY:

14 DAY TURNAROUND HARDCOPY. EMERGENCY OR RUSH IS FAX DATA UNLESS PREVIOUSLY APPROVED

DATA DELIVERABLE INFORMATION

- ☐ STANDARD
- ☐ COMMERCIAL "B"
- ☐ DISK DELIVERABLE
- ☐ STATE FORMS
- ☒ OTHER (SPECIFY) per UARP

COMMENTS/REMARKS

Append "LEA-PWEH-WT-" to all

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESION, INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE TIME:	RECEIVED BY:	RELINQUISHED BY:	DATE TIME:	RECEIVED BY:
1. Jason Miller	12-24-02	1. B.	2.		2.
RELINQUISHED BY: 3.	DATE TIME:	RECEIVED BY: 3.	RELINQUISHED BY: 4.	DATE TIME:	RECEIVED BY: 4.
RELINQUISHED BY: 5.	DATE TIME:	RECEIVED BY: 5.	SEAL #	PRESERVE WHERE APPLICABLE ☐	ON ICE ☐ TEMPERATURE ____ C

ACCUTEST.

CHAIN OF CUSTODY

FRESH PONDS CORPORATE VILLAGE, BUILDING B
2235 ROUTE 130, DAYTON, NJ 08810
732-329-0200 FAX: 732-329-3499/3480

4 of 5

ACCUTEST JOB #: M2953

ACCUTEST QUOTE #:

CLIENT INFORMATION

NAME: Loureiro Engineering

ADDRESS:

CITY, STATE, ZIP: David Fleneck

SEND REPORT TO: PHONE #: Per UARP

FACILITY INFORMATION

PROJECT NAME: Willow Pond Post Construction GW Monitoring PSW, EH

LOCATION: 88UT103

PROJECT NO.: LEA-09/19/02-BAC-01

FAX #: Per UARP

ANALYTICAL INFORMATION

MATRIX CODES

DW - DRINKING WATER
GW - GROUND WATER
WW - WASTE WATER
SO - SOIL
SL - SLUDGE
OI - OIL
LIQ - OTHER LIQUID
SOL - OTHER SOLID

ACCUTEST SAMPLE #	FIELD ID / POINT OF COLLECTION	COLLECTION DATE	COLLECTION TIME	SAMPLED BY:	MATRIX	# OF BOTTLES	PRESERVATION HCl	NaOH	HNO3	H2SO4	NONE	Ice	8260B VOCs	CTETPH	8082 PCBs	Metals per UARP		LAB USE ONLY
	2213468	12/23/02	1410	JES	GW	2	X					X	X				WTMW42-2213468	
M2953 -10	2213468		1410	JES		4					X	X		X	X			
-10A	2213468UF		1410	JES		1			X			X				X	WTMW42-2213468UF	
	2213467		1300	JES		2	X					X	X				WTMW43-2213467	
-11	2213467		1300	JES		4					X	X		X	X			
-11A	2213467UF		1300	JES		1			X			X				X	WTMW43-2213467UF	
	2213466		1130	JES		2	X					X	X				WTMW44-2213466	
-12	2213466		1130	JES		4					X	X		X	X			
-12A	2213466UF	12/23/02	1130	JES	GW	1			X			X				X	WTMW44-2213466UF	

DATA TURNAROUND INFORMATION

- ☐ 21 DAYS STANDARD
- ☐ 14 DAYS *RUSH*
- ☐ 7 DAYS *EMERGENCY*
- ☒ OTHER Per UARP

APPROVED BY:

21 DAY TURNAROUND HARDCOPY. EMERGENCY OR RUSH IS FAX DATA UNLESS PREVIOUSLY APPROVED

DATA DELIVERABLE INFORMATION

- ☐ NJ REDUCED
- ☐ NJ Full
- ☐ FULL CLP
- ☐ DISK DELIVERABLE
- ☒ OTHER (SPECIFY) Per UARP
- ☐ COMMERCIAL "A"
- ☐ COMMERCIAL "B"
- ☐ STATE FORMS

COMMENTS/REMARKS

☒ Append "LEA-PWEH-WT-" to all

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESION, INCLUDING COURIER DELIVERY

RELINQUISHED BY/SAMPLER:	DATE TIME:	RECEIVED BY:	RELINQUISHED BY:	DATE TIME:	RECEIVED BY:
1.	12-24-02	1.	2.		2.
RELINQUISHED BY: 3.	DATE TIME:	RECEIVED BY: 3.	RELINQUISHED BY: 4.	DATE TIME:	RECEIVED BY: 4.
RELINQUISHED BY: 5.	DATE TIME:	RECEIVED BY: 5.	SEAL #	PRESERVE WHERE APPLICABLE ☐	ON ICE ☐ TEMPERATURE ____ C

ACCUTEST

CHAIN OF CUSTODY

495 TECHNOLOGY C[illegible]ER WEST • BUILDING ONE
MARLBOROUGH, MA 01752
TEL: 508-481-6200 • FAX: 508-481-7753

5 of 5

ACCUTEST JOB #: M29[illegible]

ACCUTEST QUOTE #:

CLIENT INFORMATION

NAME: Loureiro Eng Assoc
ADDRESS: 100 Northwest Dr
CITY, STATE, ZIP: Plainville CT 06062
SEND REPORT TO: Dave Feireck
PHONE #: 860 747 6181

FACILITY INFORMATION

PROJECT NAME: Willow Pond - Post Construction GW Monitoring
LOCATION: P&W EH
PROJECT NO.: 88UT103
FAX #: LEA 09/19/02 - BAC-01 Per VARP

ANALYTICAL INFORMATION

ACCUTEST SAMPLE #	FIELD ID / POINT OF COLLECTION	COLLECTION DATE	COLLECTION TIME	SAMPLED BY:	MATRIX	# OF BOTTLES	PRESERVATION HCl	NaOH	HNO3	H2SO4	NONE	ICE	8260 VOSs	CT eTPH	8082 PCBs	Metals Per VARP	LAB USE ONLY
M29531 -13	2213482	12/23/02	1100	JHM	GW	2	2					2	X				-WT-WT-MW249-2213482
	↓					4					4	4		X	X		↓
-13A	UF					1			1			1				X	UF
-14	2213481		1530		LIQ	2	2					2	X				-WT-AC01-2213481
	↓					4			[illegible]		4	4		X	X		↓
-14A	UF					1			1			1				X	UF
-15	2213480		1500		LIQ	2	2					2	X				-WT-AC02-2213480
-16	2213479		1520		LIQ	2					2	2		X			-WT-AC03-2213479
-16A	↓ UF					1			1			1				X	↓ UF
-17	2213478		1525		LIQ	2	2					2	X				-WT-AC03-2213479
	↓	↓		↓		2					2	2			X		↓

MATRIX CODES

DW - DRINKING WATER
GW - GROUND WATER
WW - WASTE WATER
SO - SOIL
SL - SLUDGE
OI - OIL
LIQ - OTHER LIQUID
SOL - OTHER SOLID

DATA TURNAROUND INFORMATION

- ☐ 14 DAYS STANDARD
- ☐ 7 DAYS *RUSH*
- ☐ 48 HOUR EMERGENCY
- ☒ OTHER Per VARP

APPROVED BY:

14 DAY TURNAROUND HARDCOPY. EMERGENCY OR RUSH IS FAX DATA UNLESS PREVIOUSLY APPROVED

DATA DELIVERABLE INFORMATION

- ☐ STANDARD
- ☐ COMMERCIAL "B"
- ☐ DISK DELIVERABLE
- ☐ STATE FORMS
- ☒ OTHER (SPECIFY) Per VARP

COMMENTS/REMARKS

* Add (LEA-PWEH-) to all Sample

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESION, INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE TIME:	RECEIVED BY:	RELINQUISHED BY:	DATE TIME:	RECEIVED BY:
1. [signature]	12/23/02 1600	1. B[signature]	2.		2.
3.		3.	4.		4.
5.		5.	SEAL #	PRESERVE WHERE APPLICABLE ☐	ON ICE ☐ TEMPERATURE ____ C

Appendix C

Post-Remediation Maintenance Monitoring Forms

United Technologies/Pratt & Whitney
Post Remediation Maintenance and Monitoring Program
Willow Brook and Willow Brook Pond

Weather Conditions: Partly Sunny
Inspection Date: 12/21/02
Inspection Time: 11:00 - 12:15

Inspector: Jason Hamilton / David Fiereck
Reviewed By: David Fiereck

INSPECTION POINT	DESCRIPTION	GOOD	FAIR	POOR
1) Signs of erosion	Check for gullies of more than 2 inches in depth.		X	
2) Signs of settling	Look for ponding and for settling of soil of more than 3 inches over a 5 sq. foot area.		X	
3) Loss of vegetative cover	Check for loss of vegetation cover in any area greater than 5 square feet.		X	
4) Undesirable growth	Check for growth that is in excess of ½ inch in diameter (woody vegetation) and taller than 2 feet.	X		
5) Signs of ponding and run on	Look for areas of more than 5 square feet of standing water or areas where surface water is running onto cap.	X		
6) Condition of fencing and gates	Check perimeter fence to make sure it is not damaged (no holes greater than 4-inches in diameter), gates are operable, and locks are in place.	X		
7) Condition of rip-rap in Willow Brook stream channel	Observe entire length of stream channel. Verify that rip-rap has not been displaced.		X	
8) Condition of stone layer in Willow Brook	Perform probing of bottom of Willow Brook Ponds at 5 locations in upper pond and 15 locations within lower pond. Verify refusal on stone layer at all locations.	X		
9) Burrowing animals	Verify no holes larger than 2 inches in diameter in cap.	X		
10) Monitoring well network	Check concrete collar protective casing, locks, legible well identification.			
	1.Condition of lock			X
	2.Visible ID of wells		X	
	3.Ponding or infiltration of surface water	X		
	4.Condition of concrete collar	X		
	5.Condition of steel casing	X		

must ID all we

Report all deficiencies to the designated representative of Pratt & Whitney
List all deficiencies, the corrective measures taken, and the date corrective measures were completed:

1) settling & sedimentation by south bank Drainage swale in upper pond
Corrective Action: add riprap / topsoil - seed

2) erosion in both lower Willow Pond drainage swales
Corrective Action: add rip rap

3) multiple sinkholes from lost potted vegetation along north bank & south bank of lower Willow Pond
Corrective Action: fill holes

4) wells not marked
Corrective Action: mark wells

United Technologies/Pratt & Whitney
Post Remediation Maintenance Program
Willow Brook and Willow Brook Pond

Weather Conditions: P/SUNNY 75°F
Inspection Date: 09/23/02
Inspection Time: 10:00

Inspector: DENNIS CHARTIER/SCOTT BROWN
Reviewed By:

INSPECTION POINT	DESCRIPTION	GOOD	FAIR	POOR
1) Signs of erosion	Check for gullies of more than 2 inches in depth.		✓	
2) Signs of settling	Look for ponding and for settling of soil of more than 3 inches over a 5 sq. foot area.	✓		
3) Loss of vegetative cover	Check for loss of vegetation cover in any area greater than 5 square feet.	✓		
4) Undesirable growth	Check for growth that is in excess of ½ inch in diameter (woody vegetation) and taller than 2 feet.	✓		
5) Signs of ponding and run on	Look for areas of more than 5 square feet of standing water or areas where surface water is running onto cap.	✓		
6) Condition of fencing and gates	Check perimeter fence to make sure it is not damaged (no holes greater than 4-inches in diameter), gates are operable, and locks are in place.	✓		
7) Condition of rip-rap in Willow Brook stream channel	Observe entire length of stream channel. Verify that rip-rap has not been displaced.	✓		
8) Condition of stone layer in Willow Brook	Perform probing of bottom of Willow Brook Ponds at 5 locations in upper pond and 15 locations within lower pond. Verify refusal on stone layer at all locations.	✓		
9) Burrowing animals	Verify no holes larger than 2 inches in diameter in cap.	✓		
10) Monitoring well network	Check concrete collar protective casing, locks, legible well identification.	✓		
	1.Condition of lock	✓		
	2.Visible ID of wells			✓
	3.Ponding or infiltration of surface water	✓		
	4.Condition of concrete collar	✓		
	5.Condition of steel casing	✓		

1LOCK

← Mar all wel

Report all deficiencies to the designated representative of Pratt & Whitney
List all deficiencies, the corrective measures taken, and the date corrective measures were completed:

1) gully located next to WT-MW-48; 3ft wide; 6" deep

Corrective Action: fill gully

2) wells not marked

Corrective Action: mark wells

3)

Corrective Action:

4)

Corrective Action:

LEA