Quanterra
Environmental Services

CERTIFICATE OF ANALYSIS

OCT 1997 RECEIVED

Westinghouse Hanford Company
P.O. Box 1970
Richland, Washington 99352

October 21, 1994

Attention: J. A. Lerch

Project number	:	550.14
Date Received by Lab	:	September 14, 1994
Number of Samples	:	Nine (9)
Sample Type	:	Water
SDG Number	:	W0213
Data Deliverable	:	Summary

I. Introduction

On September 14, 1994, nine (9) water samples were received by Quanterra, Richland and transferred to Quanterra, St. Louis for chemical analysis. Upon receipt, the samples were given the following laboratory ID numbers to correspond with the specific client ID's:

St Louis ID	WHC ID	Richland ID	Matrix	Date of Receipt
6101-001	B0CZ47	40927001	Water	09/14/94
6101-002	B0CZ48	40927002	Water	09/14/94
6101-003	B0CZ49	40927003	Water	09/14/94
6101-004	B0CZ50	40927004	Water	09/14/94
6101-005	B0CZ41	40927005	Water	09/14/94
6101-006	B0CZ42	40927006	Water	09/14/94
6101-007	B0CZ43	40927007	Water	09/14/94
6101-008	B0CZ44	40927008	Water	09/14/94
6101-009	B0CZ45	40927009	Water	09/14/94

II. Analytical Results/ Methodology

The analytical results for this report are presented by analytical test. Each set of data includes sample identification information, analytical results and the appropriate detection limits.

Analyses requested: Aluminum by EPA method 6010. Nitrate by EPA method 300.0. VOA by EPA method 8240. Total Organic Carbon by EPA method 415.1. BNA by EPA method 8270.

III. Quality Control

A Laboratory Control Sample and Method Blank were analyzed with each preparation batch. Matrix Spike and Matrix Spike Duplicate or Sample Duplicate analyses was performed per the protocol for each analyte.

IV. Definitions

The following codes are used to denote laboratory quality control samples and can be found in the data summary section of this report:

QCBLK- Quality Control Blank, Method Blank
QCLCS- Quality Control Laboratory Control Sample, Blank Spike

V. Comments

The samples arrived in a cooler whose internal temperature was 8°C, outside of the suggested temperature limits of 4°C +/- 2.

Samples 6101-002, -003, -004, -007, -007, -008 and -009 were received with a pH greater than 2, indicating that the samples had been improperly preserved. Method 8240 requires that all aqueous samples be preserved to a pH <2. See NCM SL-94-0515.

All TOC samples with the exception of 6101-001 and 6101-006 were received improperly preserved with pH's greater than 2.

BNA and VOA analyses were request after samples had arrived. The containers from which the aliquots for these analyses were taken were not per the protocol. The VOA samples were taken from the TOC sample bottles despite headspace, as a like preservative is used for these analyses. The BNA aliquot was taken from the designated Nitrate container which was plastic. Insufficient volume was available to perform matrix QC for the BNA analysis.

The BNA analyses were requested and completed after the holding time had expired.

For Aluminum, samples 6101-006, 6101-007 and 6101-009 were initially analyzed at a 10X dilution due to the digestates high viscosity.

Holding times were expired upon receipt for Nitrate.

Matrix Spike recovery was outside suggested limits for Nitrates for sample 6101-009. The sample had a twenty time dilution.

I certify that this data package is in compliance with the SOW, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the Laboratory Manager or a designee, as verified by the following signature.

Reviewed and approved:

(for) Wade H. Price
Project Manager
z:\abbydave\hanw0213.nar

OFFICE OF SAMPLE MANAGEMENT

RECORD OF DISPOSITION

ROD-B94-042
Record of Disposition No.

DATE: 09/23/94	LABORATORY: Quanterra
PROJECT TITLE/NO.: 200-BP-5/B94-046	NCR NO.: N/A

SAMPLE IDENTIFICATION NUMBERS:

B0CZ47, B0CZ48, B0CZ49, B0CZ50, B0CZ41, B0CZ42, B0CZ43, B0CZ44, B0CZ45

DESCRIPTION OF EVENT:

Client requested additional analyses be performed and also reanalysis on two samples.

DISPOSITION OF SAMPLES:

1) Perform VOA and Semi-VOA analyses on samples B0CZ41 through B0CZ50 (all samples; these are additional analyses not originally requested). Laboratory will use existing sample material for analyses. The requirement for zero headspace sampling for VOA is waived due to the use of existing sample material.

2) Perform reanalysis for NO_3 on samples B0ZC48 and B0ZC44.

APPROVAL SIGNATURES:

R. C. Smith/ R C Smith — 9/27/94
OSM Project Coordinator (Print/Sign Name) — Date

D. A. Myers/ D A Myers — 9/27/94
Technical Representative (Print/Sign Name) — Date

N/A
Quality Assurance (Print/Sign Name) — Date

000033

OFFICE OF SAMPLE MANAGEMENT

RECORD OF DISPOSITION

ROD-B94-038
Record of Disposition No.

DATE: 09/21/94	LABORATORY: Quanterra
PROJECT TITLE/NO.: 200-BP-5, Task 3/B94-046	NCR NO.: N/A

SAMPLE IDENTIFICATION NUMBERS:

B0CZ41, Z42, Z43, Z44, Z45

DESCRIPTION OF EVENT:

The COC/SAR does not have an entry in the "Time Sampled" column for any of these samples. Sample times are noted on the sample bottles.

DISPOSITION OF SAMPLES:

Proceed with analyses and note on SDG file. Sample times noted on sample bottles are correct per Loren Rogers, the project sampler.

APPROVAL SIGNATURES:

R. C. Smith/ [signature] — 9/21/94
OSM Project Coordinator (Print/Sign Name) — Date

D. A. Myers/ [signature] — 9/27/94
Technical Representative (Print/Sign Name) — Date

N/A
Quality Assurance (Print/Sign Name) — Date

00003C

ITAS-St. Louis
LABORATORY NONCONFORMANCE MEMO (NCM)

PROJECT ID (Name/Number): 550.14
NCM INITIATED BY (Name/Date): [illegible] 10/20/94
PARAMETER(S): BNA
SAMPLE NUMBER(S) AFFECTED: 6101-001-009

AREA:
- [ ] SHIP/REC
- [x] ORG EXT
- [ ] INORG PREP
- [ ] OTHER
- [ ] GC
- [ ] HPLC
- [ ] GCMS
- [ ] GEN CHEM
- [ ] METALS
- [ ] GEO
- [ ] BIOASSAY
- [ ] RADIOCHEM
- [ ] COUNTING
- [ ] IH
- [ ] DATA VERIFICATION
- [ ] REPORTING

NONCONFORMANCE [check appropriate item(s)]:

1. [ ] Not enough sample received for proper analysis.
2. [x] Holding time exceeded by 6 days due to:
   - 2.1 [x] CATEGORY I: Out of Laboratory Control
     - [x] Holding time expired at receipt.
   - 2.2 [ ] CATEGORY II: Laboratory Dependent
     - [ ] work backlog
     - [ ] instrument failure
     - [ ] communication
     - [ ] other (see #10)
   - 2.3 [ ] CATEGORY III: Laboratory Reruns
     - 2.3.1 [ ] *QA/QC:*
       - [ ] surrogates
       - [ ] internal standards
       - [ ] spike recoveries
       - [ ] blank contamination
     - 2.3.2 [ ] *CONFIRMATION:*
       - [ ] second column
       - [ ] contamination check
       - [ ] other (see #10)
     - 2.3.3 [ ] *DILUTION:*
       - [ ] over calibration
       - [ ] under calibration
       - [ ] other (see #10)
     - 2.3.4 [ ] *OTHER: (see #10)*
3. [ ] Sample lost during extraction/analysis, no re-prep or re-analysis possible.
4. [ ] QC data reported to client outside of:
   - [ ] method limits
   - [ ] internal limits
   - [ ] QAPP limits
   - [ ] contract limits
   - [ ] regulatory limits
   - [ ] blank criteria
5. [ ] Incorrect procedure(s) used. (See #10)
6. [ ] Invalid instrument calibration. (See #10)
7. [ ] Incorrect/incomplete data reported to client (See #10)
8. [ ] Reported detection limit(s) higher than:
   - [ ] method limits
   - [ ] QAPP limits
   - [ ] contract limits
   - [ ] other (see #10)

   Due to:
   - [ ] sample matrix
   - [ ] insufficient sample
   - [ ] instrumentation
   - [ ] other (see #10)
9. [ ] Other (specify):
10. [ ] Comments/Explanation: Analysis requested after HT had expired

NOTIFICATION [check appropriate item(s)]:

1. [x] Client notified by (name and date) [illegible] 10/20/94
   - [x] in writing
   - [ ] by FAX
   - [ ] by phone
   - [ ] Other (explain)
2. [ ] Client's name _____ and response
   - [ ] process "as is"
   - [ ] resample
   - [ ] on hold til ____
   - [ ] Other (explain)

PROJECT MANAGER (signature & date): [illegible] 10/21/94

FURTHER ACTION REQUIRED, SEE PAGE 2 OF 2

00003D

CORRECTIVE ACTION

☑ ROOT CAUSE: INITIALS/DATE WAP 10/20/94

Client requested analysis after holding time had expired

☑ CORRECTIVE ACTION: INITIALS/DATE WAP 10/20/94

None, note discrepancy in narrative

☐ RESPONSIBILITY FOR PERFORMING CORRECTIVE ACTION ASSIGNED TO:

☑ ACTIONS TO PREVENT RECURRENCE: INITIALS/DATE WAP 10/20/94

N/A

FIRST LEVEL SUPERVISOR: WAP Price DATE: 10/20/94

RESPONSIBLE MANAGER: DATE:

QC REVIEW

☐ NONCONFORMANCE ☒ DEFICIENCY ☐ RERUN

☐ FURTHER ACTION REQUIRED:

ASSIGNED TO:

QC COORDINATOR: JM Clayton DATE: 10-20-94

CORRECTIVE ACTION VERIFICATION

☐ VERIFIED ☐ CANNOT VERIFY (specify reason)

REASON:

NCM CLOSURE

QC COORDINATOR: JM Clayton DATE: 10-21-94

SIGNED ORIGINAL MUST BE RETAINED IN FILE: ☐ QUALITY/OPERATIONS FILE ☒ PROJECT FILE

00003E

ITAS-St. Louis
LABORATORY NONCONFORMANCE MEMO (NCM)

PROJECT ID (Name/Number): 550.14
NCM INITIATED BY (Name/Date): WH Price 10/20/94
PARAMETER(S): BNA
SAMPLE NUMBER(S) AFFECTED: 6101-001 → 009

AREA:
- [x] SHIP/REC
- [ ] ORG EXT
- [ ] INORG PREP
- [ ] OTHER
- [ ] GC
- [ ] HPLC
- [ ] GCMS
- [ ] GEN CHEM
- [ ] METALS
- [ ] GEO
- [ ] BIOASSAY
- [ ] RADIOCHEM
- [ ] COUNTING
- [ ] IH
- [ ] DATA VERIFICATION
- [ ] REPORTING

NONCONFORMANCE [check appropriate item(s)]:

1. [ ] Not enough sample received for proper analysis.
2. [ ] Holding time exceeded by _____ days due to:
   - 2.1 [ ] CATEGORY I: Out of Laboratory Control
     - [ ] Holding time expired at receipt.
   - 2.2. [ ] CATEGORY II: Laboratory Dependent
     - [ ] work backlog
     - [ ] instrument failure
     - [ ] communication
     - [ ] other (see #10)
   - 2.3 [ ] CATEGORY III: Laboratory Reruns
     - 2.3.1 [ ] *QA/QC:*
       - [ ] surrogates
       - [ ] internal standards
       - [ ] spike recoveries
       - [ ] blank contamination
     - 2.3.2. [ ] *CONFIRMATION:*
       - [ ] second column
       - [ ] contamination check
       - [ ] other (see #10)
     - 2.3.3. [ ] *DILUTION:*
       - [ ] over calibration
       - [ ] under calibration
       - [ ] other (see #10)
     - 2.3.4. [x] *OTHER: (see #10)* JMK 10-21-94
3. [ ] Sample lost during extraction/analysis, no re-prep or re-analysis possible.
4. [ ] QC data reported to client outside of:
   - [ ] method limits
   - [ ] internal limits
   - [ ] QAPP limits
   - [ ] contract limits
   - [ ] regulatory limits
   - [ ] blank criteria
5. [ ] Incorrect procedure(s) used. (See #10)
6. [ ] Invalid instrument calibration. (See #10)
7. [ ] Incorrect/incomplete data reported to client. (See #10)
8. [ ] Reported detection limit(s) higher than:
   - [ ] method limits
   - [ ] QAPP limits
   - [ ] contract limits
   - [ ] other (see #10)

   Due to:
   - [ ] sample matrix
   - [ ] insufficient sample
   - [ ] instrumentation
   - [ ] other (see #10)
9. [x] Other (specify): See Comments.
10. [x] Comments/Explanation: BNA extracted out of poly bottle

NOTIFICATION [check appropriate item(s)]:

1. [x] Client notified by (name and date) WHP 10/20/94
   - [x] in writing
   - [ ] by FAX
   - [ ] by phone
   - [ ] Other (explain)
2. [ ] Client's name _____ and response
   - [ ] process "as is"
   - [ ] resample
   - [ ] on hold til ____
   - [ ] Other (explain)

PROJECT MANAGER (signature & date): WH Price 10/21/94

FURTHER ACTION REQUIRED, SEE PAGE 2 OF 2

00003F

CORRECTIVE ACTION

☑ ROOT CAUSE: INITIALS/DATE 10/20/94 MHP

Client requested BNA as an additional analysis; samples were already in house; only non preserved sample was in plastic bottle. Client approved

☑ CORRECTIVE ACTION: INITIALS/DATE 10/20/94 MHP

n/a, note in narrative

☐ RESPONSIBILITY FOR PERFORMING CORRECTIVE ACTION ASSIGNED TO:

☑ ACTIONS TO PREVENT RECURRENCE: INITIALS/DATE MHP 10/20/94

n/a

FIRST LEVEL SUPERVISOR: [signature] DATE: 10/21/94

RESPONSIBLE MANAGER: DATE:

QC REVIEW

☐ NONCONFORMANCE ☒ DEFICIENCY ☐ RERUN

☐ FURTHER ACTION REQUIRED:

ASSIGNED TO:

QC COORDINATOR: [signature] DATE: 10-21-94

CORRECTIVE ACTION VERIFICATION

☐ VERIFIED ☐ CANNOT VERIFY (specify reason)

REASON:

NCM CLOSURE

QC COORDINATOR: [signature] DATE: 10-21-94

SIGNED ORIGINAL MUST BE RETAINED IN FILE: ☐ QUALITY/OPERATIONS FILE ☒ PROJECT FILE

000036

ITAS-St. Louis
LABORATORY NONCONFORMANCE MEMO (NCM)

PROJECT ID (Name/Number): 550.14
NCM INITIATED BY (Name/Date): Chrissa Schremp 09-28-94
PARAMETER(S): VOA
SAMPLE NUMBER(S) AFFECTED: 6101-~~001~~-002, 003, 004, ~~005~~, 006, 007, 008, 009, ~~001MS~~, ~~001MSD~~ 001MSD 001MSD 001MSD

AREA:

☐ SHIP/REC	☐ GC	☐ GEN CHEM	☐ BIOASSAY	☐ IH
☐ ORG EXT	☐ HPLC	☐ METALS	☐ RADIOCHEM	☐ DATA VERIFICATION
☐ INORG PREP	☒ GCMS	☐ GEO	☐ COUNTING	☐ REPORTING
☐ OTHER:	☐ _____	☐ _____	☐ _____	☐ _____

NONCONFORMANCE [check appropriate item(s)]:

1. ☐ Not enough sample received for proper analysis.
2. ☐ Holding time exceeded by _____ days due to:
   - 2.1. ☐ CATEGORY I: Out of Laboratory Control
     - ☐ Holding time expired at receipt.
   - 2.2. ☐ CATEGORY II: Laboratory Dependent
     - ☐ work backlog ☐ instrument failure
     - ☐ communication ☐ other (see #10)
   - 2.3. ☐ CATEGORY III: Laboratory Reruns
     - 2.3.1. ☐ *QA/QC:*
       - ☐ surrogates ☐ internal standards
       - ☐ spike recoveries ☐ blank contamination
     - 2.3.2. ☐ *CONFIRMATION:*
       - ☐ second column ☐ contamination check
       - ☐ other (see #10)
     - 2.3.3. ☐ *DILUTION:*
       - ☐ over calibration ☐ under calibration
       - ☐ other (see #10)
     - 2.3.4. ☐ *OTHER: (see #10)*
3. ☐ Sample lost during extraction/analysis; no re-prep or re-analysis possible.
4. ☐ QC data reported to client outside of:
   - ☐ method limits ☐ internal limits
   - ☐ QAPP limits ☐ contract limits
   - ☐ regulatory limits ☐ blank criteria
5. ☐ Incorrect procedure(s) used. (See #10)
6. ☐ Invalid instrument calibration. (See #10)
7. ☐ Incorrect/incomplete data reported to client. (See #10)
8. ☐ Reported detection limit(s) higher than:
   - ☐ method limits ☐ QAPP limits
   - ☐ contract limits ☐ other (see #10)

   Due to:
   - ☐ sample matrix ☐ insufficient sample
   - ☐ instrumentation ☐ other (see #10)
9. ☒ Other (specify): Samples improperly preserved pH>2.
10. ☐ Comments/Explanation:

NOTIFICATION [check appropriate item(s)]:

1. ☒ Client notified by (name and date): DS 10/19/94
   - ☒ in writing ☐ by FAX
   - ☐ by phone ☐ Other (explain)
2. ☐ Client's name _____ and response
   - ☐ process "as is" ☐ resample
   - ☐ on hold til _____ ☐ Other (explain)

PROJECT MANAGER (signature & date): _____

FURTHER ACTION REQUIRED, SEE PAGE 2 OF 2

00003H

IT CORPORATION

LOG #: SL-94- 515

CORRECTIVE ACTION

☒ ROOT CAUSE: INITIALS/DATE CLS 09-28-94

Samples improperly preserved

☐ CORRECTIVE ACTION: INITIALS/DATE

Notify PM

☐ RESPONSIBILITY FOR PERFORMING CORRECTIVE ACTION ASSIGNED TO:

☐ ACTIONS TO PREVENT RECURRENCE: INITIALS/DATE

None. JMK 09-28-94

FIRST LEVEL SUPERVISOR: [signature] DATE: 09-28-94

RESPONSIBLE MANAGER: [signature] DATE: 092894

QC REVIEW

☐ NONCONFORMANCE ☒ DEFICIENCY ☐ RERUN

☐ FURTHER ACTION REQUIRED:

ASSIGNED TO:

QC COORDINATOR: [signature] DATE: 09-28-94

CORRECTIVE ACTION VERIFICATION

☐ VERIFIED ☐ CANNOT VERIFY (specify reason)

REASON:

NCM CLOSURE

QC COORDINATOR: DATE:

SIGNED ORIGINAL MUST BE RETAINED IN FILE: ☐ QUALITY/OPERATIONS FILE ☐ PROJECT FILE

000031

Quanterra September 16, 1994 07:17 am
Account: 10722 Project: 550.14 Quanterra-Richland QAS No. 716 Rev. 0
Master Sample Login: 6101

Project Manager: W. Price

Draft: Final: Entered and Reviewed by: M. Jackson PM Review: [signature]

Sample Header Template:

Sample No. / #	Client ID / Container Type	C-Matrix / Analysis	Date: Collected / Class	Preservative	Received / Anal. Due Date	Due / Hold Date	Shipper / Site	Rad Category	Rad Sample No. / (Container Numbers:% Filled)
6101-001	BOCZ47	Water	13-SEP-94 12:18		14-SEP-94 13:30	15-SEP-94	FED-EX	1	Screening not Required
QUANTERRA RICHLAND ID=40927001									
1	VI - Vial-40ml	HOLD//Q4	S	COLD	II-&&&-**	II-&&&-**	R5B		(98273:100)
1	AN - Amber Glass-500ml	ICAP/6010/Q4	S	HNO3	15-SEP-94	12-MAR-95	R5B		(98270:100)
1		TOC/415.1/Q4	S	H2SO4	15-SEP-94	11-OCT-94	R5B		(98272:100)
1	PN - Plastic-500ml	NO3/300.0/Q4	S	COLD	15-SEP-94	15-SEP-94	R5B		(98271:100)
6101-002	BOCZ48	Water	13-SEP-94 12:32		14-SEP-94 13:30	15-SEP-94	FED-EX	1	Screening not Required
QUANTERRA RICHLAND ID=40927002									
1	VI - Vial-40ml	HOLD//Q4	S	COLD	II-&&&-**	II-&&&-**	R5B		(98278:100)
1	AN - Amber Glass-500ml	ICAP/6010/Q4	S	HNO3	15-SEP-94	12-MAR-95	R5B		(98275:100)
1		TOC/415.1/Q4	S	H2SO4	15-SEP-94	11-OCT-94	R5B		(98277:100)
1	PN - Plastic-500ml	NO3/300.0/Q4	S	COLD	15-SEP-94	15-SEP-94	R5B		(98276:100)
6101-003	BOCZ49	Water	13-SEP-94 13:53		14-SEP-94 13:30	15-SEP-94	FED-EX	1	Screening not Required
QUANTERRA RICHLAND ID=40927003									
1	VI - Vial-40ml	HOLD//Q4	S	COLD	II-&&&-**	II-&&&-**	R5B		(98284:100)
1	AN - Amber Glass-500ml	ICAP/6010/Q4	S	HNO3	15-SEP-94	12-MAR-95	R5B		(98281:100)
1		TOC/415.1/Q4	S	H2SO4	15-SEP-94	11-OCT-94	R5B		(98283:100)
1	PN - Plastic-500ml	NO3/300.0/Q4	S	COLD	15-SEP-94	15-SEP-94	R5B		(98282:100)
6101-004	BOCZ50	Water	13-SEP-94 14:05		14-SEP-94 13:30	15-SEP-94	FED-EX	1	Screening not Required
QUANTERRA RICHLAND ID=40927004									
1	VI - Vial-40ml	HOLD//Q4	S	COLD	II-&&&-**	II-&&&-**	R5B		(98291:100)
1	AN - Amber Glass-500ml	ICAP/6010/Q4	S	HNO3	15-SEP-94	12-MAR-95	R5B		(98288:100)
1		TOC/415.1/Q4	S	H2SO4	15-SEP-94	11-OCT-94	R5B		(98290:100)
1	PN - Plastic-500ml	NO3/300.0/Q4	S	COLD	15-SEP-94	15-SEP-94	R5B		(98289:100)
6101-005	BOCZ41	Water	13-SEP-94 10:30		14-SEP-94 13:30	15-SEP-94	FED-EX	1	Screening not Required
QUANTERRA RICHLAND ID=40927005									
1	VI - Vial-40ml	HOLD//Q4	S	COLD	II-&&&-**	II-&&&-**	R5B		(98296:100)
1	AN - Amber Glass-500ml	ICAP/6010/Q4	S	HNO3	15-SEP-94	12-MAR-95	R5B		(98293:100)
1		TOC/415.1/Q4	S	H2SO4	15-SEP-94	11-OCT-94	R5B		(98295:100)
1	PN - Plastic-500ml	NO3/300.0/Q4	S	COLD	15-SEP-94	15-SEP-94	R5B		(98294:100)
6101-006	BOCZ42	Water	13-SEP-94 10:45		14-SEP-94 13:30	15-SEP-94	FED-EX	1	Screening not Required
QUANTERRA RICHLAND ID=40927006									

3*=Sample has not been rad screened.

00004

Quanterra September 16, 1994 07:17 am
Account: 10722 Project: 550.14 Quanterra-Richland QAS No. 716 Rev. 0
Master Sample Login: 6101

Project Manager: W. Price

Draft: Final: Entered and Reviewed by:_____ PM Review:_____

Sample Header Template: _____

Sample No. / Client ID	C-Matrix	Date: Collected	Received	Due	Shipper	Rad Category	Rad Sample No.
Comments							

#	Container Type	Analysis	Class	Preservative	Anal. Due Date	Hold Date	Site	(Container Numbers:% Filled)
Data:								
1	VI - Vial-40ml	HOLD//Q4	S	COLD	11-&&&-**	11-&&&-**	R5B	(98301:100)
1	AN - Amber Glass-500ml	ICAP/6010/Q4	S	HNO3	15-SEP-94	12-MAR-95	R5B	(98298:100)
1		TOC/415.1/Q4	S	H2SO4	15-SEP-94	11-OCT-94	R5B	(98300:100)
1	PN - Plastic-500ml	NO3/300.0/Q4	S	COLD	15-SEP-94	15-SEP-94	R5B	(98299:100)

6101-007 B0CZ43 — Water — 13-SEP-94 12:00 — 14-SEP-94 13:30 — 15-SEP-94 — FED-EX — 1 — Screening not Required
QUANTERRA RICHLAND ID=40927007

#	Container Type	Analysis	Class	Preservative	Anal. Due Date	Hold Date	Site	(Container Numbers:% Filled)
1	VI - Vial-40ml	HOLD//Q4	S	COLD	11-&&&-**	11-&&&-**	R5B	(98305:100)
1	AN - Amber Glass-500ml	ICAP/6010/Q4	S	HNO3	15-SEP-94	12-MAR-95	R5B	(98302:100)
1		TOC/415.1/Q4	S	H2SO4	15-SEP-94	11-OCT-94	R5B	(98304:100)
1	PN - Plastic-500ml	NO3/300.0/Q4	S	COLD	15-SEP-94	15-SEP-94	R5B	(98303:100)

6101-008 B0CZ44 — Water — 13-SEP-94 10:30 — 14-SEP-94 13:30 — 15-SEP-94 — FED-EX — 1 — Screening not Required
QUANTERRA RICHLAND ID=40927008

#	Container Type	Analysis	Class	Preservative	Anal. Due Date	Hold Date	Site	(Container Numbers:% Filled)
1	VI - Vial-40ml	HOLD//Q4	S	COLD	11-&&&-**	11-&&&-**	R5B	(98309:100)
1	AN - Amber Glass-500ml	ICAP/6010/Q4	S	HNO3	15-SEP-94	12-MAR-95	R5B	(98306:100)
1		TOC/415.1/Q4	S	H2SO4	15-SEP-94	11-OCT-94	R5B	(98308:100)
1	PN - Plastic-500ml	NO3/300.0/Q4	S	COLD	15-SEP-94	15-SEP-94	R5B	(98307:100)

6101-008MS B0CZ44 — Water — 13-SEP-94 10:30 — 14-SEP-94 13:30 — 15-SEP-94 — FED-EX — 1 — Screening not Required
QUANTERRA RICHLAND ID=40927008

#	Container Type	Analysis	Class	Preservative	Anal. Due Date	Hold Date	Site	(Container Numbers:% Filled)
1	AN - Amber Glass-500ml	ICAP/6010/Q4	S	HNO3	13-SEP-94	12-MAR-95	R5B	(98306:100)

6101-008MSD B0CZ44 — Water — 13-SEP-94 10:30 — 14-SEP-94 13:30 — 15-SEP-94 — FED-EX — 1 — Screening not Required
QUANTERRA RICHLAND ID=40927008

#	Container Type	Analysis	Class	Preservative	Anal. Due Date	Hold Date	Site	(Container Numbers:% Filled)
1	AN - Amber Glass-500ml	ICAP/6010/Q4	S	HNO3	13-SEP-94	12-MAR-95	R5B	(98306:100)

6101-009 B0CZ45 — Water — 13-SEP-94 13:00 — 14-SEP-94 13:30 — 15-SEP-94 — FED-EX — 1 — Screening not Required
QUANTERRA RICHLAND ID=40927009

#	Container Type	Analysis	Class	Preservative	Anal. Due Date	Hold Date	Site	(Container Numbers:% Filled)
1	AN - Amber Glass-500ml	ICAP/6010/Q4	S	HNO3	15-SEP-94	12-MAR-95	R5B	(98310:100)
1		TOC/415.1/Q4	S	H2SO4	15-SEP-94	11-OCT-94	R5B	(98312:100)
1	PN - Plastic-500ml	NO3/300.0/Q4	S	COLD	15-SEP-94	15-SEP-94	R5B	(98311:100)

6101-0090UP B0CZ45 — Water — 13-SEP-94 13:00 — 14-SEP-94 13:30 — 15-SEP-94 — FED-EX — 1 — Screening not Required
QUANTERRA RICHLAND ID=40927009

#	Container Type	Analysis	Class	Preservative	Anal. Due Date	Hold Date	Site	(Container Numbers:% Filled)
1	AN - Amber Glass-500ml	TOC/415.1/Q4	S	H2SO4	15-SEP-94	11-OCT-94	R5B	(98312:100)
1	PN - Plastic-500ml	NO3/300.0/Q4	S	COLD	15-SEP-94	15-SEP-94	R5B	(98311:100)

3*=Sample has not been rad screened.

Quanterra September 16, 1994 07:17 am
Account: 10722 Project: 550.14 Quanterra-Richland QAS No. 716 Rev. 0
Master Sample Login: 6101

Project Manager: W. Price

Draft: Final: Entered and Reviewed by: _____ PM Review: _____

Sample Header Template: _____

Sample No.	Client ID	C-Matrix	Date: Collected	Received	Due	Shipper	Rad Category	Rad Sample No.
6101-009MS	B0CZ45	Water	13-SEP-94 13:00	14-SEP-94 13:30	15-SEP-94	FED-EX	1	Screening not Required
QUANTERRA RICHLAND ID=40927009								

Comments

* #	Container Type	Analysis	Class	Preservative	Anal. Due Date	Hold Date	Site	(Container Numbers:% Filled)
1	AN - Amber Glass-500ml	TOC/415.1/04	S	H2SO4	15-SEP-94	11-OCT-94	R5B	(98312:100)
1	PN - Plastic-500ml	NO3/300.0/04	S	COLD	15-SEP-94	15-SEP-94	R5B	(98311:100)

Data: _____

3*=Sample has not been rad screened.

00006

Temp 8°C CUR # 1225

INTERNATIONAL TECHNOLOGY CORPORATION

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD*

Reference Document No. 481867
Page 1 of 3

Project Name/No. 1 B9[illegible]-046
Sample Team Members 2
Profit Center No. 3 4632
Project Manager 4 Van Pelay
Purchase Order No. 6
Required Report Date 11 9/19/94

Samples Shipment Date 7 St Louis
Lab Destination 8 9/14/94
Lab Contact 9
Project Contact/Phone 12
Carrier/Waybill No. 13

Bill to: 5 Pantera Richland
Report to: 10 Pantera Richland

ONE CONTAINER PER LINE

Sample Number 14	Sample Description/Type 15	Date/Time Collected 16	Container Type 17	Sample Volume 18	Preservative 19	Requested Testing Program 20	Condition on Receipt 21 PH	% Full	Disposal Record No. 22
40927001A	BOCZ47 /H2O	9-13-94 1218 See WHC	Amb Glass coc/SAR	500 mls	HNO3 4C	Aluminum See WHC coc/SAR	2	100	
B			~~Amb Glass~~ Poly		4C	Nitrate	NA		
C			Amb Glass		HCl/H2SO4	TOC	2		
D			40 mls			Activity Screen	NA		
40927002A	BOCZ48 /H2O	9-13-94 1232	Amb Glass	500 mls	HNO3	Aluminum	2	100	
B			Poly		4C	Nitrate	NA		
C			Amb Glass		HCl/H2SO4	TOC	5		
D			~~Amber Vial~~	40 mls		Activity Screen	NA		

FOR LAB USE ONLY

Special Instructions: 23

Possible Hazard Identification: 24
Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☑

Sample Disposal: 25
Return to Client ☑ Disposal by Lab ☐ Archive ☐

Turnaround Time Required: 26
Normal ☐ Rush ☑ Due 9/19/94

QC Level: 27
I. ☐ II. ☐ III. ☐ Project Specific (specify): SDG W0Z3

1. Relinquished by 28 (Signature/Affiliation) [signature]	Date: 9/14/94 Time: 1600	1. Received by 28 (Signature/Affiliation) [signature]	Date: 9-15-94 Time: 08 [illegible]
2. Relinquished by (Signature/Affiliation)	Date: Time:	2. Received by (Signature/Affiliation)	Date: Time:
3. Relinquished by (Signature/Affiliation)	Date: Time:	3. Received by (Signature/Affiliation)	Date: Time:

Comments: 29

MCA 3/15/91

INTERNATIONAL TECHNOLOGY CORPORATION

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD (cont.)*

Reference Document No.[30] 48867
Page 2 of 3

Project Name SDGW0213 Project No. B94-046 Samples Shipment Date 9/14/94

ONE CONTAINER PER LINE

Sample Number [14]	Sample Description/Type [15]	Date/Time Collected [16]	Container Type [17]	Sample Volume [18]	Preservative [19]	Requested Testing Program [20]	Condition on Receipt [21] PH	Disposal Record No. [22] % of Full
40927003A	BOCZ49 /H_2O	9-13-94 1353 See WHC	AMB Glass COC/SAR	500ml	4°C HNO3	Aluminum See WHC COC/SAR	2	100
B		9-13-94 1353	Polly		4°C	Nitrate	NA	
C			AMB Glass		HCl/H2SO4	TOC	5	
D			AMB.	40 ml		Activity Screen	NA	
40927004A	BOCZ50 /H_2O	9-13-94 14:05	AMB Glass	500ml	HNO3	Aluminum	2	
B			Polly		4°C	Nitrate	NA	
C			AMB Glass		HCl/H2SO4	TOC	5	
D			AMB	40ml		Activity Screen	NA	
40927005A	BOCZ41 /H_2O	9-13-94 10:30	AMB Glass	500 ml	HNO3	Aluminum	2	
B			Polly		4°C	Nitrate	NA	
C			AMB Glass		HCl/H2SO4	TOC	5	
D			Amber	40ml		Activity Screen	NA	
40927006A	BOCZ42 /H_2O	9-13-94 1045	AMB Glass	500ml	HNO3	Aluminum	2	
B			Polly		4°C	Nitrate	NA	
C			AMB Glass		HCl H2SO4	TOC	~~5~~ 2	
D				40ml		Activity Screen	NA	
40927007A	BOCZ43 /H_2O	9-13-94 12:00		500ml	HNO3	Aluminum	2	
B			Polly		4°C	Nitrate	NA	
C			AMB Glass		HCl/H2SO4	TOC	5	
D				40ml		Activity Screen	NA	

White: To accompany samples Yellow: Field copy

*See back of form for special instructions.

MCA 3/15/91

00008

INTERNATIONAL TECHNOLOGY CORPORATION

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD (cont.)*

Reference Document No.[30] 481867
Page 3 of 3

Project Name SPG W0213 Project No. B94-046 Samples Shipment Date 9/14/94

ONE CONTAINER PER LINE

Sample[14] Number	Sample[15] Description/Type	Date/Time[16] Collected	Container[17] Type	Sample[18] Volume	Pre-[19] servative	Requested Testing[20] Program	PH Condition on[21] Receipt	% full Disposal[22] Record No.
40927008A	BOCZ44 / H_2O	9-13-94 1050 See WAC	~~Poly~~ Loc SAR	Amber Glass 500ml	HNO_3 4°C	Aluminum See WAC Loc SAR	2	100
B		9-13-94 1030	Poly	500ml	4°C	Nitrate	NA	
C			Amb Glass		HCl / H_2SO_4	TOC	5	
D				40 mls		Activity Screen	NA	
40927009A	BOCZ45 / H_2O	9-13-94 1300		500ml	HNO_3	Aluminum	2	100
B			Poly		4°C	Nitrate	NA	100
C			Amb Glass		HCl / H_2SO_4	TOC	5	100
D				40 ml				0
9/14/94								

White: To accompany samples Yellow: Field copy *See back of form for special instructions

60000

MCA 3/15/91

TECHNOLOGY CORPORATION

C.U.R. and C.O.C.
COPIED TO: D.R. & W.P.
DATE: 9-15-94
TIME: 10:55
BY: [illegible]

Work Order No.: 6101

Condition Upon Receipt Variance Report
ITAS - St. Louis Laboratory

Client: Quanterra, Richland
Date: 09-15-94 0850
Project No: 550.14
Initiated by: [illegible]
Analysis Requested: Refer to RFA/COC
RFA/COC Numbers: 481867
Client Sample Numbers Affected: Entire Login

Condition/Variance (Check all that apply): Circle Number to Denote that Item was Evaluated. "NA" = "Not Applicable".

1. NA Not enough sample received for proper analysis.
   Received approximately: _____
2. ☒ Sample received broken/leaking.
3. ☒ Sample received without proper preservative.
   ☒ Cooler temperature not within 4°C ± 2°C
   Record temperature: 8°C (Temp vial - 4°C)
   ☐ pH TOC's appear to be unpreserved. - see back.
   ☐ other: _____
4. ☐ Sample received in improper container.
5. ☐ Sample received without proper paperwork. Explain:
   _____
6. ☐ Paperwork received without sample.
7. ☐ No sample ID on sample container.
8. ☐ Custody tape disturbed/broken/missing.
9. NA Sample splits performed by lab.
10. NA Volatile sample received with approximately _____ mm headspace.
11. ☐ Sample ID on container does not match sample ID on paperwork. Explain:
    _____
12. ☐ All coolers on airbill not received with shipment
13. ☐ Other (explain below):
    Shipping containers not rad surveyed.

Notes: Received SAmple ~~40927007D-BOC245~~
no sample → 409270070-BOC245 Broken
PH See Back

Corrective Action:

☐ Client's Name: _____ Informed verbally on: _____ By: _____
☐ Client's Name: _____ Informed in writing on: _____ By: _____

☐ Sample(s) processed "as is". Comments: _____
☐ Sample(s) on hold until: _____ If released, notify: _____

Sample Control Supervisor Review: (or designate) _____ Date: _____

Project Management Review: _____ Date: _____

SIGNED ORIGINAL MUST BE RETAINED IN THE PROJECT FILE

00010

Westinghouse Hanford Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

Page 1 of 1

Data Turnaround: [ ] Priorty [X] Normal

Collector	Company Contact: PH BUTCHER	Telephone No.: 509-376-4388
Project Designation: 200-BP-5, TASK 3	Sampling Location: 200-BP-5	SAF No.: 894-046
Ice Chest No.	Field Logbook No.	Method of Shipment: HAND DELIVER
Shipped To: QUANTERRA	Offsite Property No.	Bill of Lading/Air Bill No.

Possible Sample Hazards/Remarks					
	Preservative	HNO3<2	COOL 4	SEE SI	COOL 4
	Type of Container	G	P/G	P/G	P/G
	No. of Container(s)	1	1	1	1
Special Handling and/or Storage: COOL TO 4 DEGREES CENTIGRADE	Volume	500ml	500ml	500ml	40ml
SAMPLE ANALYSIS		ALUMMI-NUM	NITRATE	TOC	ACTIVI-TY SCAN
409270		A	B	C	D

Sample No.	Matrix*	Date Sampled	Time Sampled	A	B	C	D
BOCZ47 01	W	9-13-94	1218	X	X	X	X
BOCZ48 2	W	9-13-94	1232	X	X	X	X
BOCZ49 3	W	9-13-94	1353	X	X	X	X
BOCZ50 4	W	9-13-94	1405	X	X	X	X

CHAIN OF POSSESSION — Sign/Print Names

Relinquished By	Date/Time	Received By	Date/Time
Monty Mehlhorn / Monty Mehlhorn	9-13-94/1438	Loren E. Rogers	9-13-94 1438
Loren E. Rogers	9-13-94 1530	[illegible]	9-13-94 1530
Loren E. Rogers	9-14-94 1317	[illegible]	9-14 1325

SPECIAL INSTRUCTIONS
PRESERVATIVE FOR TOC IS: HCl or H2SO4 pH<2 and COOL 4

NL 9-17-94

Quanterra

SDG W0213

Matrix*
S = Soil
SE = Sediment
SO = Solid
SL = Sludge
W = Water
O = Oil
A = Air
DS = Drum Solids
DL = Drum Liquids
T = Tissue
WI = Wipe
L = Liquid
V = Vegetation
X = Other

LABORATORY SECTION	Received By	Title	Date/Time
FINAL SAMPLE DISPOSITION	Disposal Method	Disposed By	Date/Time

DISTRIBUTION: Original- Sample Yellow - Sampler

BC-6000-828 (12/92)

00011

Westinghouse Hanford Company

CHAIN OF CUSTODY/SAMPLE ANALYSIS REQUEST

Page 1 of 2

Data Turnaround: [ ] Priority [X] Normal

Collector	Company Contact: PH BUTCHER	Telephone No.: 509-376-4388
Project Designation: 200-BP-5, TASK 3	Sampling Location: 200-BP-5	SAF No.: B94-046
Ice Chest No.	Field Logbook No.	Method of Shipment: HAND DELIVER
Shipped To: QUANTERRA	Offsite Property No.	Bill of Lading/Air Bill No.

Possible Sample Hazards/Remarks: Radioactive

Special Handling and/or Storage: COOL TO 4 DEGREES CENTIGRADE

Preservative	HNO3<2	COOL 4	SEE SI	COOL 4	
Type of Container	G	P/G	P/G	P/G	
No. of Container(s)	1	1	1	1	
Volume	500ml	500ml	500ml	40ml	
SAMPLE ANALYSIS	ALUMMINUM	NITRATE	TOC	ACTIVITY SCAN	
409270	A	B	C	D	

Sample No.	Matrix*	Date Sampled	Time Sampled	A	B	C	D
BOCZ41 05	W	9-13-94		X	X	X	X
BOCZ42 6	W	↓		X	X	X	X
BOCZ43 7	W	↓		X	X	X	X
BOCZ44 8	W	↓		X	X	X	X
BOCZ45 9	W	↓		X	X	X	X
~~BOCZ46~~ SER 9-13-94	~~W~~						

CHAIN OF POSSESSION

Relinquished By	Date/Time	Received By	Date/Time
SER 9-13-94 ~~9-13-94~~ [signature]	~~1530~~	[signature] Quanterra	9/14 1325
[signature]	9-14-94 1319	<100 ppm	

Sign/Print Names: [signature]

SPECIAL INSTRUCTIONS

PRESERVATIVE FOR TOC IS: HCl or H2SO4 pH<2 and COOL 4

SDG W0213

Matrix*
- S = Soil
- SE = Sediment
- SO = Solid
- SL = Sludge
- W = Water
- O = Oil
- A = Air
- DS = Drum Solids
- DL = Drum Liquids
- T = Tissue
- WI = Wipe
- L = Liquid
- V = Vegetation
- X = Other

LABORATORY SECTION	Received By	Title	Date/Time
FINAL SAMPLE DISPOSITION	Disposal Method	Disposed By	Date/Time

DISTRIBUTION: Original- Sample Yellow - Sampler

BC-6000-828 (12/92)

00012

INTERNATIONAL TECHNOLOGY CORPORATION

Regional Office
2800 George Washington Way
Richland, Washington 99352

SAMPLE CHECK-IN LIST

(1 Per Shipping Container)

Date/Time Received 9-14-94 13:30 Client Name WHC

Project/Client # B94-046 Batch or Case # na

Cooler ID (if noted on the outside of cooler) OK BONEHEAD

1. Condition of shipping container? OK
2. Custody Seals on cooler intact? Yes ☒ No ☐
3. Custody Seals dated and signed? Yes ☒ No ☐
4. Chain of Custody record is taped on inside of cooler lid? Yes ☐ No ☒
5. Vermiculite/packing material is: Wet ☐ Dry ☒
6. Each sample is in a plastic bag? Yes ☒ No ☐
7. Number of sample containers in cooler: 36
8. Samples have: ✓ tape ____ hazard labels
   ✓ custody seals ____ appropriate sample labels
9. Samples are: ✓ in good condition ____ leaking
   ____ broken ____ have air bubbles
   ____ other
10. Coolant present? Yes ☒ No ☐

Sample temperature 4°C

11. The following paperwork should be accounted for (N/A if not applicable):
    Chain of Custody #'(s) na
    Request for analysis #(s) na
    Airbill # ____ Carrier ____
12. Have any anomalies been identified above? Yes ☐ No ☒
13. Memos have been initiated for all anomalies identified above? Yes ☐

Printed Name/Signature [signature] Date/Time 9/14/94 1325

FORM NO. LS-042, Rev.0, 2/94

091494W.WQ1

TENNELEC #1

SCREENING CALCULATION SPREADSHEET

Correct. JRN
14 Sept 94

Customer Code	Recieved Date		Screening Prep Date		Count Date	Mnts. Cntd	BACKGROUND Alpha	Beta	Mnts
WHC	9/14/94		9/14		9/14	10	8	197	240

Customer ID WHC/LIQ	pH <2 Rcvd/Reiq	Residue Wght mG	Vol. Anal. mG mL	Sample Size Gm L	SMPLE CNT DATA Hldr Num.	Total Counts Alpha	Beta	Net Sample Counts/Minute Alpha	Beta	DPM / Aliqout Alpha	Beta	uCi per Sample Alpha	Beta	2 Sigma Error uCi per Sample Alpha	Beta	pCi/(Gm or L) Alpha	Beta	Category 1 Yes/No	Aliquot to Cat 1 Gm or L Alpha	Beta
BOCZ47	LIQ	2.1	10	0.5	55	4	10	0.37	0.18	1.3E+00	1.8E-01	2.9E-05	4.0E-06	3.4E-08	1.4E-08	5.9E+01	8.0E+00	Yes	1.7E+02	1.3E+04
Z48	LIQ	3.3	10	0.5	2	1	15	0.07	0.68	2.2E-01	1.4E+00	5.0E-06	3.2E-05	1.4E-08	2.6E-08	1.0E+01	6.4E+01	Yes	1.0E+03	1.6E+03
Z49	LIQ	1.6	10	0.5	94	22	1190	2.17	118.18	4.3E+00	2.5E+02	9.8E-05	5.7E-03	8.4E-08	1.9E-05	2.0E+02	1.1E+04	Yes	5.1E+01	8.8E+00
Z50	LIQ	3.4	10	0.5	82	4	15	0.37	0.68	1.3E+00	1.2E+00	3.0E-05	2.8E-05	3.4E-08	2.5E-08	5.9E+01	5.6E+01	Yes	1.7E+02	1.8E+03
BO9TZK9	LIQ	0.5	10	0.5	44	0	11	-0.03	0.28	-1.2E-01	6.1E-01	-2.8E-06	1.4E-05	-9.4E-09	7.9E-08	-5.6E+00	2.8E+01	Yes	-1.8E+03	3.6E+03
TOTAL uCi												1.6E-04	5.7E-03							

00014

THESE PAGES LEFT BLANK INTENTIONALLY

091494W.WQ1

TENNELEC #1

SCREENING CALCULATION SPREADSHEET

Correct. JRN
14 Sept 94

Customer Code	Recieved Date		Screening Prep Date		Count Date	Mnts. Cntd	BACKGROUND Alpha	Beta	Mnts
WHC	9/14/94		9/14		9/14	10	8	197	240

Customer ID WHC/LIQ	pH <2 Rcvd/Reiq	Residue Wght mG	Vol. Anal. mG	mL	Sample Size Gm	L	SMPLE CNT DATA Hldr Num.	Total Counts Alpha	Beta	Net Sample Counts/Minute Alpha	Beta	DPM / Aliqout Alpha	Beta	uCi per Sample Alpha	Beta	2 Sigma Error uCi per Sample Alpha	Beta	pCi/(Gm or L) Alpha	Beta	Category 1 Yes/No	Aliquot to Cat 1 Gm or L Alpha	Beta
BOCZ47	LIQ	2.1	10		0.5		55	4	10	0.37	0.18	1.3E+00	1.8E-01	2.9E-05	4.0E-06	3.4E-06	1.4E-06	5.9E+01	8.0E+00	Yes	1.7E+02	1.3E+04
Z48	LIQ	3.3	10		0.5		2	1	15	0.07	0.68	2.2E-01	1.4E+00	5.0E-06	3.2E-05	1.4E-08	2.6E-08	1.0E+01	6.4E+01	Yes	1.0E+03	1.6E+03
Z49	LIQ	1.6	10		0.5		94	22	1190	2.17	118.18	4.3E+00	2.5E+02	9.8E-05	5.7E-03	8.4E-08	1.9E-05	2.0E+02	1.1E+04	Yes	5.1E+01	8.8E+00
Z50	LIQ	3.4	10		0.5		82	4	15	0.37	0.68	1.3E+00	1.2E+00	3.0E-05	2.6E-05	3.4E-08	2.5E-08	5.9E+01	5.6E+01	Yes	1.7E+02	1.8E+03
BO9TZK9	LIQ	0.5	10		0.5		44	0	11	-0.03	0.28	-1.2E-01	6.1E-01	-2.8E-06	1.4E-05	-9.4E-09	7.9E-08	-5.6E+00	2.8E+01	Yes	-1.8E+03	3.6E+03
TOTAL uCi														1.6E-04	5.7E-03							

00017

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B0CZ41

Lab Name: ITAS-ST.LOUIS Contract: 550-14

Lab Code: ITSL Case No.: V10101 SDG No.: W0213

Matrix: (soil/water) WATER Lab Sample ID: 6101-005

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F9778

Level: (low/med) LOW Date Received: 09/14/94

% Moisture: not dec. Date Analyzed: 09/23/94

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	4	J
67-64-1	Acetone	6	BJ
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	100	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	50	U
591-78-6	2-Hexanone	50	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B0CZ41

Lab Name: ITAS-ST.LOUIS Contract: 550-14

Lab Code: ITSL Case No.: V10101 SDG No.: W0213

Matrix: (soil/water) WATER Lab Sample ID: 6101-005

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F9778

Level: (low/med) LOW Date Received: 09/14/94

% Moisture: not dec. Date Analyzed: 09/23/94

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B0CZ42

Lab Name: ITAS-ST.LOUIS Contract: 550-14

Lab Code: ITSL Case No.: V10101 SDG No.: W0213

Matrix: (soil/water) WATER Lab Sample ID: 6101-006

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F9779

Level: (low/med) LOW Date Received: 09/14/94

% Moisture: not dec. Date Analyzed: 09/23/94

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	3	J
67-64-1	Acetone	11	BJ
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	100	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	50	U
591-78-6	2-Hexanone	50	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B0CZ42

Lab Name: ITAS-ST.LOUIS Contract: 550-14

Lab Code: ITSL Case No.: V10101 SDG No.: W0213

Matrix: (soil/water) WATER Lab Sample ID: 6101-006

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F9779

Level: (low/med) LOW Date Received: 09/14/94

% Moisture: not dec. Date Analyzed: 09/23/94

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B0CZ43

Lab Name: ITAS-ST.LOUIS Contract: 550-14

Lab Code: ITSL Case No.: V10101 SDG No.: W0213

Matrix: (soil/water) WATER Lab Sample ID: 6101-007

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F9789

Level: (low/med) LOW Date Received: 09/14/94

% Moisture: not dec. Date Analyzed: 09/26/94

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	2	BJ
67-64-1	Acetone	11	BJ
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	100	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	50	U
591-78-6	2-Hexanone	50	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B0CZ43

Lab Name: ITAS-ST.LOUIS Contract: 550-14

Lab Code: ITSL Case No.: V10101 SDG No.: W0213

Matrix: (soil/water) WATER Lab Sample ID: 6101-007

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F9789

Level: (low/med) LOW Date Received: 09/14/94

% Moisture: not dec. Date Analyzed: 09/26/94

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B0CZ44

Lab Name: ITAS-ST.LOUIS Contract: 550-14

Lab Code: ITSL Case No.: V10101 SDG No.: W0213

Matrix: (soil/water) WATER Lab Sample ID: 6101-008

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F9790

Level: (low/med) LOW Date Received: 09/14/94

% Moisture: not dec. Date Analyzed: 09/26/94

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	8	B
67-64-1	Acetone	10	BJ
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	100	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	50	U
591-78-6	2-Hexanone	50	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B0CZ44

Lab Name: ITAS-ST.LOUIS Contract: 550-14

Lab Code: ITSL Case No.: V10101 SDG No.: W0213

Matrix: (soil/water) WATER Lab Sample ID: 6101-008

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F9790

Level: (low/med) LOW Date Received: 09/14/94

% Moisture: not dec. Date Analyzed: 09/26/94

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B0CZ45

Lab Name: ITAS-ST.LOUIS Contract: 550-14

Lab Code: ITSL Case No.: V10101 SDG No.: W0213

Matrix: (soil/water) WATER Lab Sample ID: 6101-009

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F9791

Level: (low/med) LOW Date Received: 09/14/94

% Moisture: not dec. Date Analyzed: 09/26/94

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	6	B
67-64-1	Acetone	14	BJ
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	12	J
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	50	U
591-78-6	2-Hexanone	50	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	2	J
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B0CZ45

Lab Name: ITAS-ST.LOUIS Contract: 550-14

Lab Code: ITSL Case No.: V10101 SDG No.: W0213

Matrix: (soil/water) WATER Lab Sample ID: 6101-009

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F9791

Level: (low/med) LOW Date Received: 09/14/94

% Moisture: not dec. Date Analyzed: 09/26/94

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B0CZ47

Lab Name: ITAS-ST.LOUIS Contract: 550-14

Lab Code: ITSL Case No.: V10101 SDG No.: W0213

Matrix: (soil/water) WATER Lab Sample ID: 6101-001

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F9774

Level: (low/med) LOW Date Received: 09/14/94

% Moisture: not dec. Date Analyzed: 09/23/94

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	7	
67-64-1	Acetone	14	BJ
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	100	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	50	U
591-78-6	2-Hexanone	50	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B0CZ47

Lab Name: ITAS-ST.LOUIS Contract: 550-14

Lab Code: ITSL Case No.: V10101 SDG No.: W0213

Matrix: (soil/water) WATER Lab Sample ID: 6101-001

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F9774

Level: (low/med) LOW Date Received: 09/14/94

% Moisture: not dec. Date Analyzed: 09/23/94

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	21.64	6	J
2.	UNKNOWN	23.40	6	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B0CZ48

Lab Name: ITAS-ST.LOUIS Contract: 550-14

Lab Code: ITSL Case No.: V10101 SDG No.: W0213

Matrix: (soil/water) WATER Lab Sample ID: 6101-002

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F9775

Level: (low/med) LOW Date Received: 09/14/94

% Moisture: not dec. Date Analyzed: 09/23/94

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	4	J
67-64-1	Acetone	21	BJ
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	9	J
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	50	U
591-78-6	2-Hexanone	50	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B0CZ48

Lab Name: ITAS-ST.LOUIS Contract: 550-14

Lab Code: ITSL Case No.: V10101 SDG No.: W0213

Matrix: (soil/water) WATER Lab Sample ID: 6101-002

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F9775

Level: (low/med) LOW Date Received: 09/14/94

% Moisture: not dec. Date Analyzed: 09/23/94

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	20.05	30	J
2.	UNKNOWN	21.26	8	J

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B0CZ49

Lab Name: ITAS-ST.LOUIS Contract: 550-14

Lab Code: ITSL Case No.: V10101 SDG No.: W0213

Matrix: (soil/water) WATER Lab Sample ID: 6101-003

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F9776

Level: (low/med) LOW Date Received: 09/14/94

% Moisture: not dec. Date Analyzed: 09/23/94

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	4	J
67-64-1	Acetone	4	BJ
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	100	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	50	U
591-78-6	2-Hexanone	50	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B0CZ49

Lab Name: ITAS-ST.LOUIS Contract: 550-14

Lab Code: ITSL Case No.: V10101 SDG No.: W0213

Matrix: (soil/water) WATER Lab Sample ID: 6101-003

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F9776

Level: (low/med) LOW Date Received: 09/14/94

% Moisture: not dec. Date Analyzed: 09/23/94

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B0CZ50

Lab Name: ITAS-ST.LOUIS Contract: 550-14

Lab Code: ITSL Case No.: V10101 SDG No.: W0213

Matrix: (soil/water) WATER Lab Sample ID: 6101-004

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F9777

Level: (low/med) LOW Date Received: 09/14/94

% Moisture: not dec. Date Analyzed: 09/23/94

Column: (pack/cap) CAP Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
74-87-3	Chloromethane	10	U
74-83-9	Bromomethane	10	U
75-01-4	Vinyl Chloride	10	U
75-00-3	Chloroethane	10	U
75-09-2	Methylene Chloride	4	J
67-64-1	Acetone	15	BJ
75-15-0	Carbon Disulfide	5	U
75-35-4	1,1-Dichloroethene	5	U
75-34-3	1,1-Dichloroethane	5	U
540-59-0	1,2-Dichloroethene (total)	5	U
67-66-3	Chloroform	5	U
107-06-2	1,2-Dichloroethane	5	U
78-93-3	2-Butanone	100	U
71-55-6	1,1,1-Trichloroethane	5	U
56-23-5	Carbon Tetrachloride	5	U
75-27-4	Bromodichloromethane	5	U
78-87-5	1,2-Dichloropropane	5	U
10061-01-5	cis-1,3-Dichloropropene	5	U
79-01-6	Trichloroethene	5	U
124-48-1	Dibromochloromethane	5	U
79-00-5	1,1,2-Trichloroethane	5	U
71-43-2	Benzene	5	U
10061-02-6	trans-1,3-Dichloropropene	5	U
75-25-2	Bromoform	5	U
108-10-1	4-Methyl-2-Pentanone	50	U
591-78-6	2-Hexanone	50	U
127-18-4	Tetrachloroethene	5	U
79-34-5	1,1,2,2-Tetrachloroethane	5	U
108-88-3	Toluene	5	U
108-90-7	Chlorobenzene	5	U
100-41-4	Ethylbenzene	5	U
100-42-5	Styrene	5	U
1330-20-7	Xylene (total)	5	U

1E

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B0CZ50

Lab Name: ITAS-ST.LOUIS Contract: 550-14

Lab Code: ITSL Case No.: V10101 SDG No.: W0213

Matrix: (soil/water) WATER Lab Sample ID: 6101-004

Sample wt/vol: 5.00 (g/mL) ML Lab File ID: F9777

Level: (low/med) LOW Date Received: 09/14/94

% Moisture: not dec. Date Analyzed: 09/23/94

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	18.33	5	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B0CZ41

Lab Name: ITAS-ST.LOUIS Contract: 550-14

Lab Code: ITSL Case No.: S10101 SAS No.: SDG No.: W0213

Matrix: (soil/water) WATER Lab Sample ID: 6101-005

Sample wt/vol: 500.0 (g/mL) ML Lab File ID: H0753

Level: (low/med) LOW Date Received: 09/14/94

% Moisture: decanted: (Y/N) Date Extracted: 09/26/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/30/94

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	20	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	20	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B0CZ41

Lab Name: ITAS-ST.LOUIS Contract: 550-14

Lab Code: ITSL Case No.: S10101 SAS No.: SDG No.: W0213

Matrix: (soil/water) WATER Lab Sample ID: 6101-005

Sample wt/vol: 500.0 (g/mL) ML Lab File ID: H0753

Level: (low/med) LOW Date Received: 09/14/94

% Moisture: decanted: (Y/N) Date Extracted: 09/26/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/30/94

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	50	U
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-Methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-Butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	10	
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B0CZ41

Lab Name: ITAS-ST.LOUIS Contract: 550-14

Lab Code: ITSL Case No.: S10101 SAS No.: SDG No.: W0213

Matrix: (soil/water) WATER Lab Sample ID: 6101-005

Sample wt/vol: 500.0 (g/mL) ML Lab File ID: H0753

Level: (low/med) LOW Date Received: 09/14/94

% Moisture: decanted: (Y/N) Date Extracted: 09/26/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/30/94

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	21.32	4	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B0CZ42

Lab Name: ITAS-ST.LOUIS Contract: 550-14

Lab Code: ITSL Case No.: S10101 SAS No.: SDG No.: W0213

Matrix: (soil/water) WATER Lab Sample ID: 6101-006

Sample wt/vol: 500.0 (g/mL) ML Lab File ID: H0754

Level: (low/med) LOW Date Received: 09/14/94

% Moisture: decanted: (Y/N) Date Extracted: 09/26/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/30/94

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	20	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	20	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B0CZ42

Lab Name: ITAS-ST.LOUIS Contract: 550-14

Lab Code: ITSL Case No.: S10101 SAS No.: SDG No.: W0213

Matrix: (soil/water) WATER Lab Sample ID: 6101-006

Sample wt/vol: 500.0 (g/mL) ML Lab File ID: H0754

Level: (low/med) LOW Date Received: 09/14/94

% Moisture: decanted: (Y/N) Date Extracted: 09/26/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/30/94

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	50	U
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-Methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-Butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	10	U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B0CZ42

Lab Name: ITAS-ST.LOUIS Contract: 550-14

Lab Code: ITSL Case No.: S10101 SAS No.: SDG No.: W0213

Matrix: (soil/water) WATER Lab Sample ID: 6101-006

Sample wt/vol: 500.0 (g/mL) ML Lab File ID: H0754

Level: (low/med) LOW Date Received: 09/14/94

% Moisture: decanted: (Y/N) Date Extracted: 09/26/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/30/94

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 3

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	9.51	12	J
2.	UNKNOWN	21.31	11	J
3.	UNKNOWN	26.92	2	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B0CZ43

Lab Name: ITAS-ST.LOUIS Contract: 550-14

Lab Code: ITSL Case No.: S10101 SAS No.: SDG No.: W0213

Matrix: (soil/water) WATER Lab Sample ID: 6101-007

Sample wt/vol: 500.0 (g/mL) ML Lab File ID: H0755

Level: (low/med) LOW Date Received: 09/14/94

% Moisture: decanted: (Y/N) Date Extracted: 09/26/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/30/94

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	20	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	20	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B0CZ43

Lab Name: ITAS-ST.LOUIS Contract: 550-14

Lab Code: ITSL Case No.: S10101 SAS No.: SDG No.: W0213

Matrix: (soil/water) WATER Lab Sample ID: 6101-007

Sample wt/vol: 500.0 (g/mL) ML Lab File ID: H0755

Level: (low/med) LOW Date Received: 09/14/94

% Moisture: decanted: (Y/N) Date Extracted: 09/26/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/30/94

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	50	U
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-Methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-Butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	11	
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B0CZ43

Lab Name: ITAS-ST.LOUIS Contract: 550-14

Lab Code: ITSL Case No.: S10101 SAS No.: SDG No.: W0213

Matrix: (soil/water) WATER Lab Sample ID: 6101-007

Sample wt/vol: 500.0 (g/mL) ML Lab File ID: H0755

Level: (low/med) LOW Date Received: 09/14/94

% Moisture: decanted: (Y/N) Date Extracted: 09/26/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/30/94

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 9

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	6.64	11	J
2.	UNKNOWN	6.82	14	J
3. 98862	Ethanone, 1-phenyl-	7.46	5	J
4.	UNKNOWN	9.55	97	J
5. 95169	Benzothiazole	10.16	3	J
6.	UNKNOWN	15.49	3	J
7. 934349	2(3H)-Benzothiazolone	16.41	19	J
8.	UNKNOWN	21.33	120	J
9.	UNKNOWN	26.92	2	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B0CZ44

Lab Name: ITAS-ST.LOUIS Contract: 550-14

Lab Code: ITSL Case No.: S10101 SAS No.: SDG No.: W0213

Matrix: (soil/water) WATER Lab Sample ID: 6101-008

Sample wt/vol: 500.0 (g/mL) ML Lab File ID: H0756

Level: (low/med) LOW Date Received: 09/14/94

% Moisture: decanted: (Y/N) Date Extracted: 09/26/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/30/94

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	20	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	20	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B0CZ44

Lab Name: ITAS-ST.LOUIS Contract: 550-14

Lab Code: ITSL Case No.: S10101 SAS No.: SDG No.: W0213

Matrix: (soil/water) WATER Lab Sample ID: 6101-008

Sample wt/vol: 500.0 (g/mL) ML Lab File ID: H0756

Level: (low/med) LOW Date Received: 09/14/94

% Moisture: decanted: (Y/N) Date Extracted: 09/26/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/30/94

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	50	U
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-Methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-Butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	10	U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B0CZ44

Lab Name: ITAS-ST.LOUIS Contract: 550-14

Lab Code: ITSL Case No.: S10101 SAS No.: SDG No.: W0213

Matrix: (soil/water) WATER Lab Sample ID: 6101-008

Sample wt/vol: 500.0 (g/mL) ML Lab File ID: H0756

Level: (low/med) LOW Date Received: 09/14/94

% Moisture: decanted: (Y/N) Date Extracted: 09/26/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/30/94

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 10

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	6.80	2	J
2. 95169	Benzothiazole	10.16	10	J
3. 934349	2(3H)-Benzothiazolone	16.47	59	J
4.	UNKNOWN	21.34	150	J
5.	UNKNOWN	23.14	17	J
6.	UNKNOWN	24.69	47	J
7.	UNKNOWN	26.12	35	J
8.	UNKNOWN	27.47	20	J
9.	UNKNOWN	28.73	9	J
10.	UNKNOWN	29.98	2	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B0CZ45

Lab Name: ITAS-ST.LOUIS Contract: 550-14

Lab Code: ITSL Case No.: S10101 SAS No.: SDG No.: W0213

Matrix: (soil/water) WATER Lab Sample ID: 6101-009

Sample wt/vol: 500.0 (g/mL) ML Lab File ID: H0757

Level: (low/med) LOW Date Received: 09/14/94

% Moisture: decanted: (Y/N) Date Extracted: 09/26/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/30/94

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	20	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	20	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B0CZ45

Lab Name: ITAS-ST.LOUIS Contract: 550-14

Lab Code: ITSL Case No.: S10101 SAS No.: SDG No.: W0213

Matrix: (soil/water) WATER Lab Sample ID: 6101-009

Sample wt/vol: 500.0 (g/mL) ML Lab File ID: H0757

Level: (low/med) LOW Date Received: 09/14/94

% Moisture: decanted: (Y/N) Date Extracted: 09/26/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/30/94

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	50	U
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-Methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-Butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	6	J
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B0CZ45

Lab Name: ITAS-ST.LOUIS Contract: 550-14

Lab Code: ITSL Case No.: S10101 SAS No.: SDG No.: W0213

Matrix: (soil/water) WATER Lab Sample ID: 6101-009

Sample wt/vol: 500.0 (g/mL) ML Lab File ID: H0757

Level: (low/med) LOW Date Received: 09/14/94

% Moisture: decanted: (Y/N) Date Extracted: 09/26/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/30/94

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 18

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	6.64	9	J
2.	UNKNOWN	6.81	13	J
3. 98862	Ethanone, 1-phenyl-	7.47	4	J
4.	UNKNOWN	9.55	110	J
5. 95169	Benzothiazole	10.16	3	J
6.	UNKNOWN	11.85	4	J
7.	UNKNOWN	12.37	5	J
8.	UNKNOWN	15.49	3	J
9. 934349	2(3H)-Benzothiazolone	16.44	30	J
10.	UNKNOWN	17.49	6	J
11.	UNKNOWN	19.49	23	J
12.	UNKNOWN	20.21	5	J
13.	UNKNOWN	21.36	480	J
14. 57114	Octadecanoic acid	21.54	31	J
15.	UNKNOWN	22.92	2	J
16.	UNKNOWN	23.05	4	J
17.	UNKNOWN	26.92	2	J
18.	UNKNOWN	32.28	3	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B0CZ47

Lab Name: ITAS-ST.LOUIS Contract: 550-14

Lab Code: ITSL Case No.: S10101 SAS No.: SDG No.: W0213

Matrix: (soil/water) WATER Lab Sample ID: 6101-001

Sample wt/vol: 500.0 (g/mL) ML Lab File ID: H0749

Level: (low/med) LOW Date Received: 09/14/94

% Moisture: decanted: (Y/N) Date Extracted: 09/26/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/29/94

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	20	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	20	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B0CZ47

Lab Name: ITAS-ST.LOUIS Contract: 550-14

Lab Code: ITSL Case No.: S10101 SAS No.: SDG No.: W0213

Matrix: (soil/water) WATER Lab Sample ID: 6101-001

Sample wt/vol: 500.0 (g/mL) ML Lab File ID: H0749

Level: (low/med) LOW Date Received: 09/14/94

% Moisture: decanted: (Y/N) Date Extracted: 09/26/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/29/94

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	50	U
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-Methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-Butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	10	U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B0CZ47

Lab Name: ITAS-ST.LOUIS Contract: 550-14

Lab Code: ITSL Case No.: S10101 SAS No.: SDG No.: W0213

Matrix: (soil/water) WATER Lab Sample ID: 6101-001

Sample wt/vol: 500.0 (g/mL) ML Lab File ID: H0749

Level: (low/med) LOW Date Received: 09/14/94

% Moisture: decanted: (Y/N) Date Extracted: 09/26/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/29/94

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 2

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 95169	Benzothiazole	10.16	7	J
2.	UNKNOWN	26.92	3	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B0CZ48

Lab Name: ITAS-ST.LOUIS Contract: 550-14

Lab Code: ITSL Case No.: S10101 SAS No.: SDG No.: W0213

Matrix: (soil/water) WATER Lab Sample ID: 6101-002

Sample wt/vol: 500.0 (g/mL) ML Lab File ID: H0750

Level: (low/med) LOW Date Received: 09/14/94

% Moisture: decanted: (Y/N) Date Extracted: 09/26/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/29/94

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	20	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	20	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U

1C
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B0CZ48

Lab Name: ITAS-ST.LOUIS Contract: 550-14

Lab Code: ITSL Case No.: S10101 SAS No.: SDG No.: W0213

Matrix: (soil/water) WATER Lab Sample ID: 6101-002

Sample wt/vol: 500.0 (g/mL) ML Lab File ID: H0750

Level: (low/med) LOW Date Received: 09/14/94

% Moisture: decanted: (Y/N) Date Extracted: 09/26/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/29/94

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	50	U
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-Methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-Butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	10	U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B0CZ48

Lab Name: ITAS-ST.LOUIS Contract: 550-14

Lab Code: ITSL Case No.: S10101 SAS No.: SDG No.: W0213

Matrix: (soil/water) WATER Lab Sample ID: 6101-002

Sample wt/vol: 500.0 (g/mL) ML Lab File ID: H0750

Level: (low/med) LOW Date Received: 09/14/94

% Moisture: decanted: (Y/N) Date Extracted: 09/26/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/29/94

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 11

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 111762	Ethanol, 2-butoxy-	4.61	20	J
2.	UNKNOWN	6.72	250	J
3.	UNKNOWN	6.90	410	J
4. 98862	Ethanone, 1-phenyl-	7.48	4	J
5.	UNKNOWN	7.85	21	J
6.	UNKNOWN	9.57	140	J
7. 95169	Benzothiazole	10.17	12	J
8. 934349	2(3H)-Benzothiazolone	16.49	63	J
9.	UNKNOWN	21.22	2	J
10.	UNKNOWN	21.34	200	J
11.	UNKNOWN	23.02	2	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B0CZ49

Lab Name: ITAS-ST.LOUIS Contract: 550-14

Lab Code: ITSL Case No.: S10101 SAS No.: SDG No.: W0213

Matrix: (soil/water) WATER Lab Sample ID: 6101-003

Sample wt/vol: 500.0 (g/mL) ML Lab File ID: H0751

Level: (low/med) LOW Date Received: 09/14/94

% Moisture: decanted: (Y/N) Date Extracted: 09/26/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/29/94

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	20	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	20	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B0CZ49

Lab Name: ITAS-ST.LOUIS Contract: 550-14

Lab Code: ITSL Case No.: S10101 SAS No.: SDG No.: W0213

Matrix: (soil/water) WATER Lab Sample ID: 6101-003

Sample wt/vol: 500.0 (g/mL) ML Lab File ID: H0751

Level: (low/med) LOW Date Received: 09/14/94

% Moisture: decanted: (Y/N) Date Extracted: 09/26/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/29/94

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	50	U
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-Methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-Butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	10	U
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B0CZ49

Lab Name: ITAS-ST.LOUIS Contract: 550-14

Lab Code: ITSL Case No.: S10101 SAS No.: SDG No.: W0213

Matrix: (soil/water) WATER Lab Sample ID: 6101-003

Sample wt/vol: 500.0 (g/mL) ML Lab File ID: H0751

Level: (low/med) LOW Date Received: 09/14/94

% Moisture: decanted: (Y/N) Date Extracted: 09/26/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/29/94

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 1

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	23.49	6	J

1B
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B0CZ50

Lab Name: ITAS-ST.LOUIS Contract: 550-14

Lab Code: ITSL Case No.: S10101 SAS No.: SDG No.: W0213

Matrix: (soil/water) WATER Lab Sample ID: 6101-004

Sample wt/vol: 500.0 (g/mL) ML Lab File ID: H0752

Level: (low/med) LOW Date Received: 09/14/94

% Moisture: decanted: (Y/N) Date Extracted: 09/26/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/29/94

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	bis(2-Chloroethyl)Ether	10	U
95-57-8	2-Chlorophenol	10	U
541-73-1	1,3-Dichlorobenzene	10	U
106-46-7	1,4-Dichlorobenzene	10	U
95-50-1	1,2-Dichlorobenzene	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2'-oxybis(1-Chloropropane)	10	U
106-44-5	4-Methylphenol	10	U
621-64-7	N-Nitroso-Di-n-Propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
111-91-1	bis(2-Chloroethoxy)Methane	10	U
120-83-2	2,4-Dichlorophenol	10	U
120-82-1	1,2,4-Trichlorobenzene	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	20	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-Methylphenol	20	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	10	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	50	U
131-11-3	Dimethyl Phthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	50	U
83-32-9	Acenaphthene	10	U

1C

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

B0CZ50

Lab Name: ITAS-ST.LOUIS Contract: 550-14

Lab Code: ITSL Case No.: S10101 SAS No.: SDG No.: W0213

Matrix: (soil/water) WATER Lab Sample ID: 6101-004

Sample wt/vol: 500.0 (g/mL) ML Lab File ID: H0752

Level: (low/med) LOW Date Received: 09/14/94

% Moisture: decanted: (Y/N) Date Extracted: 09/26/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/29/94

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
51-28-5	2,4-Dinitrophenol	50	U
100-02-7	4-Nitrophenol	50	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	50	U
534-52-1	4,6-Dinitro-2-Methylphenol	50	U
86-30-6	N-Nitrosodiphenylamine (1)	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	50	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-Butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3'-Dichlorobenzidine	20	U
56-55-3	Benzo(a)Anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	bis(2-Ethylhexyl)Phthalate	11	
117-84-0	Di-n-Octyl Phthalate	10	U
205-99-2	Benzo(b)Fluoranthene	10	U
207-08-9	Benzo(k)Fluoranthene	10	U
50-32-8	Benzo(a)Pyrene	10	U
193-39-5	Indeno(1,2,3-cd)Pyrene	10	U
53-70-3	Dibenz(a,h)Anthracene	10	U
191-24-2	Benzo(g,h,i)Perylene	10	U

(1) - Cannot be separated from Diphenylamine

1F

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

B0CZ50

Lab Name: ITAS-ST.LOUIS Contract: 550-14

Lab Code: ITSL Case No.: S10101 SAS No.: SDG No.: W0213

Matrix: (soil/water) WATER Lab Sample ID: 6101-004

Sample wt/vol: 500.0 (g/mL) ML Lab File ID: H0752

Level: (low/med) LOW Date Received: 09/14/94

% Moisture: decanted: (Y/N) Date Extracted: 09/26/94

Concentrated Extract Volume: 500.0 (uL) Date Analyzed: 09/29/94

Injection Volume: 2.0(uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH:

Number TICs found: 5

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1. 95169	Benzothiazole	10.15	11	J
2. 934349	2(3H)-Benzothiazolone	16.43	30	J
3. 149304	2(3H)-Benzothiazolethione	19.70	24	J
4.	UNKNOWN	21.33	120	J
5.	UNKNOWN	31.45	2	J

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

B0CZ41

Lab Name: ITAS ST. LOUIS Contract: 550.14

Lab Code: ITMO Case No.: SAS No.: SDG No.: W0213

Matrix (soil/water): WATER Lab Sample ID: 6101-005

Level (low/med): LOW Date Received: 09/14/94

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	27600			P

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts:

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

B0CZ42

Lab Name: ITAS_ST._LOUIS_____ Contract: 550.14____
Lab Code: ITMO__ Case No.:_____ SAS No.:_____ SDG No.: W0213_____
Matrix (soil/water): WATER Lab Sample ID: 6101-006
Level (low/med): LOW__ Date Received: 09/14/94
% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_	3900			P_

Color Before: _____ Clarity Before: _____ Texture: _____
Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

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1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

B0CZ43

Lab Name: ITAS_ST._LOUIS_____ Contract: 550.14____
Lab Code: ITMO__ Case No.:_____ SAS No.:_____ SDG No.: W0213_____
Matrix (soil/water): WATER Lab Sample ID: 6101-007
Level (low/med): LOW__ Date Received: 09/14/94
% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_	3970			P_

Color Before: _____ Clarity Before: _____ Texture: _____
Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

B0CZ44

Lab Name: ITAS_ST._LOUIS_____ Contract: 550.14____

Lab Code: ITMO___ Case No.:_____ SAS No.:_____ SDG No.: W0213_____

Matrix (soil/water): WATER Lab Sample ID: 6101-008

Level (low/med): LOW__ Date Received: 09/14/94

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_	7530			P_

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

B0CZ45

Lab Name: ITAS_ST._LOUIS_____ Contract: 550.14____
Lab Code: ITMO__ Case No.:_____ SAS No.:_____ SDG No.: W0213_____
Matrix (soil/water): WATER Lab Sample ID: 6101-009
Level (low/med): LOW__ Date Received: 09/14/94
% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_	8940			P_

Color Before: _____ Clarity Before: _____ Texture: _____
Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

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1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

B0CZ47

Lab Name: ITAS_ST._LOUIS_____ Contract: 550.14____
Lab Code: ITMO__ Case No.:_____ SAS No.:_____ SDG No.: W0213_____
Matrix (soil/water): WATER Lab Sample ID: 6101-001
Level (low/med): LOW__ Date Received: 09/14/94
% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_	4050			P_

Color Before: _____ Clarity Before: _____ Texture: _____
Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

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INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

B0CZ48

Lab Name: ITAS_ST._LOUIS_____ Contract: 550.14____
Lab Code: ITMO__ Case No.:_____ SAS No.:_____ SDG No.: W0213_____
Matrix (soil/water): WATER Lab Sample ID: 6101-002
Level (low/med): LOW__ Date Received: 09/14/94
% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_	31200			P_

Color Before: _____ Clarity Before: _____ Texture: _____
Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

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1
INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

B0CZ49

Lab Name: ITAS_ST._LOUIS_____ Contract: 550.14____
Lab Code: ITMO__ Case No.:_____ SAS No.:_____ SDG No.: W0213_____
Matrix (soil/water): WATER Lab Sample ID: 6101-003
Level (low/med): LOW__ Date Received: 09/14/94
% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum	1220			P

Color Before: _____ Clarity Before: _____ Texture: _____
Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

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1

INORGANIC ANALYSES DATA SHEET

EPA SAMPLE NO.

B0CZ50

Lab Name: ITAS_ST._LOUIS_____ Contract: 550.14____

Lab Code: ITMO__ Case No.:_____ SAS No.:_____ SDG No.: W0213_____

Matrix (soil/water): WATER Lab Sample ID: 6101-004

Level (low/med): LOW__ Date Received: 09/14/94

% Solids: __0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L_

CAS No.	Analyte	Concentration	C	Q	M
7429-90-5	Aluminum_	1700			P_

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: _____

Comments:

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SW-846

Bechtel Hanford Company
P.O. Box 1970
Richland, WA 99352

Project: 550.14

Category: NO3
Method: EPA 300.0
Matrix: Water

Sample Date : 09/13/94
Receipt Date : 09/14/94
Report Date : 10/18/94

Client ID	Quanterra ID	Analyte	CAS Number	Blank Sample Name	Prep. Date	Analyses Date	Result	Unit	Qual.	Detection Limit	Dil.
B0CZ48	6101-002RE	Nitrate	14797-55-8	QCBLK46678-1	09/27/94	09/27/94	54.9	MG/L		2.00	100
B0CZ44	6101-008RE	Nitrate	14797-55-8	QCBLK46678-1	09/27/94	09/27/94	61.4	MG/L		2.00	100
NA	QCBLK46678-1	Nitrate	14797-55-8	QCBLK46678-1	09/27/94	09/27/94	0.02	MG/L	U	0.02	1
NA	QCLCS46678-1	Nitrate	14797-55-8	QCBLK46678-1	09/27/94	09/27/94	101	%REC			1

Bechtel Hanford Company
P.O. Box 1970
Richland, WA 99352

Project: 550.14

Category: NO3
Method: EPA 300.0
Matrix: Water

Sample Date : 09/13/94
Receipt Date : 09/14/94
Report Date : 10/18/94

Client ID	Quanterra ID	Analyte	CAS Number	Blank Sample Name	Prep. Date	Analyses Date	Result	Unit	Qual.	Detection Limit	Dil.
BOCZ47	6101-001	Nitrate	14797-55-8	QCBLK45775-1	09/15/94	09/15/94	8.16	MG/L		1.00	1
BOCZ48	6101-002	Nitrate	14797-55-8	QCBLK45775-1	09/15/94	09/15/94	53.8	MG/L		4.00	1
BOCZ49	6101-003	Nitrate	14797-55-8	QCBLK45775-1	09/15/94	09/15/94	3.66	MG/L		0.40	1
BOCZ50	6101-004	Nitrate	14797-55-8	QCBLK45775-1	09/15/94	09/15/94	5.96	MG/L		0.40	1
BOCZ41	6101-005	Nitrate	14797-55-8	QCBLK45775-1	09/15/94	09/15/94	29.9	MG/L		2.00	1
BOCZ42	6101-006	Nitrate	14797-55-8	QCBLK45775-1	09/15/94	09/15/94	10.1	MG/L		1.00	1
BOCZ43	6101-007	Nitrate	14797-55-8	QCBLK45775-1	09/15/94	09/15/94	4.70	MG/L		0.40	1
BOCZ44	6101-008	Nitrate	14797-55-8	QCBLK45775-1	09/15/94	09/15/94	60.1	MG/L		4.00	1
BOCZ45	6101-009	Nitrate	14797-55-8	QCBLK45775-1	09/15/94	09/15/94	4.11	MG/L		0.40	1
BOCZ45	6101-009DUP	Nitrate	14797-55-8	QCBLK45775-1	09/15/94	09/15/94	4.21	MG/L		0.40	1
BOCZ45	6101-009MS	Nitrate	14797-55-8	QCBLK45775-1	09/15/94	09/15/94	128	%REC			1
NA	QCBLK45775-1	Nitrate	14797-55-8	QCBLK45775-1	09/15/94	09/15/94	0.020	MG/L	U	0.020	1
NA	QCLCS45775-1	Nitrate	14797-55-8	QCBLK45775-1	09/15/94	09/15/94	99	%REC			1

Bechtel Hanford Company
P.O. Box 1970
Richland, WA 99352

Project: 550.14

Category: TOC
Method: EPA 415.1
Matrix: Water

Sample Date : 09/13/94
Receipt Date : 09/14/94
Report Date : 10/18/94

Client ID	Quanterra ID	Analyte	CAS Number	Blank Sample Name	Prep. Date	Analyses Date	Result	Unit	Qual.	Detection Limit	Dil.
B0CZ47	6101-001	TOC	10-35-5	QCBLK45693-1	09/15/94	09/15/94	2.93	MG/L		1.00	1
B0CZ48	6101-002	TOC	10-35-5	QCBLK45693-1	09/15/94	09/15/94	18.1	MG/L		1.00	1
B0CZ49	6101-003	TOC	10-35-5	QCBLK45693-1	09/15/94	09/15/94	4.96	MG/L		1.00	1
B0CZ50	6101-004	TOC	10-35-5	QCBLK45693-1	09/15/94	09/15/94	34.6	MG/L		1.00	1
B0CZ41	6101-005	TOC	10-35-5	QCBLK45693-1	09/15/94	09/15/94	6.65	MG/L		1.00	1
B0CZ42	6101-006	TOC	10-35-5	QCBLK45693-1	09/15/94	09/15/94	21.1	MG/L		1.00	1
B0CZ43	6101-007	TOC	10-35-5	QCBLK45693-1	09/15/94	09/15/94	12.4	MG/L		1.00	1
B0CZ44	6101-008	TOC	10-35-5	QCBLK45693-1	09/15/94	09/15/94	40.8	MG/L		1.00	1
B0CZ45	6101-009	TOC	10-35-5	QCBLK45693-1	09/15/94	09/15/94	14.3	MG/L		1.00	1
B0CZ45	6101-009DUP	TOC	10-35-5	QCBLK45693-1	09/15/94	09/15/94	14.0	MG/L		1.00	1
B0CZ45	6101-009MS	TOC	10-35-5	QCBLK45693-1	09/15/94	09/15/94	97	%REC			1
NA	QCBLK45693-1	TOC	10-35-5	QCBLK45693-1	09/15/94	09/15/94	1.00	MG/L	U	1.00	1
NA	QCLCS45693-1	TOC	10-35-5	QCBLK45693-1	09/15/94	09/15/94	99	%REC			1