

Chemical and Environmental Measurement Information

**Recra LabNet Philadelphia  
Analytical Report  
\*\*REVISION\*\***

**Client :** TNU-HANFORD B99-078  
**RFW# :** 9908L850  
**SDG/SAF #:** H0499/B99-078

**W.O. #:** 10985-001-001-9999-00  
**Date Received:** 08-24-99

**SEMIVOLATILE**

**RECEIVED**  
MAR 20 2000

This narrative was corrected to add the TIC search for Tributylphosphate.

**EDMC**

Seven (7) soil samples were collected on 08-19-99.

The samples and their associated QC samples were extracted on 08-31-99 and analyzed according to criteria set forth in Recra OPs based on SW 846 Method 8270B for TCL Semivolatile target compounds on 09-03,18,20-99.

The following is a summary of the QC results accompanying the sample results and a description of any problems encountered during their analyses:

1. The cooler temperatures upon receipt have been recorded on the chain-of-custody.
2. The required holding times for extraction and analysis were met.
3. Non-target compounds were detected in the samples.
4. All surrogate recoveries were within EPA QC limits.
5. All matrix spike recoveries were within EPA QC limits.
6. All blank spike recoveries were within EPA QC limits.
7. A spectral search was conducted for the compound Butylated Hydroxytoluene and Tributylphosphate; these compounds were not identified in the samples.

FEB 2000  
RECEIVED  
Data  
Log In

*J. Michael Taylor*  
/ J. Michael Taylor  
Vice President  
Philadelphia Analytical Laboratory

0127-0  
Date

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The results presented in this report relate only to the analytical testing and conditions of the samples at receipt and during storage. All pages of this report are integral parts of the analytical data. Therefore, this report should only be reproduced in its entirety of 17 pages.

## GLOSSARY OF BNA DATA

### DATA QUALIFIERS

- U** = Compound was analyzed for but not detected. The associated numerical value is the estimated sample quantitation limit which is included and corrected for dilution and percent moisture.
- J** = Indicates an estimated value. This flag is used under the following circumstances: 1) when estimating a concentration for tentatively identified compounds (TICs) where a 1:1 response is assumed; or 2) when the mass spectral data indicate the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero. For example, if the limit of detection is 10 ug/L and a concentration of 3 ug/L is calculated, it is reported as 3J.
- B** = This flag is used when the analyte is found in the associated blank as well as in the sample. It indicates possible/probable blank contamination. This flag is also used for a TIC as well as for a positively identified TCL compound.
- E** = Indicates that the compound was detected beyond the calibration range and was subsequently analyzed at a dilution.
- D** = Identifies all compounds identified in an analysis at a secondary dilution factor.
- I** = Interference.
- NQ** = Result qualitatively confirmed but not able to quantify.
- A** = Indicates that a TIC is a suspected aldol-condensation product.
- N** = Indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It is applied to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the N code is not used.
- X** = This flag is used for a TIC compound which is quantified relative to a response factor generated from a daily calibration standard (rather than quantified relative to the closest internal standard).
- Y** = Additional qualifiers used as required are explained in the case narrative.



## GLOSSARY OF BNA DATA

### ABBREVIATIONS

- BS** = Indicates blank spike in which reagent grade water is spiked with the CLP matrix spike solutions and carried through all the steps in the method. Spike recoveries are reported.
- BSD** = Indicates blank spike duplicate.
- MS** = Indicates matrix spike.
- MSD** = Indicates matrix spike duplicate.
- DL** = Suffix added to sample number to indicate that results are from a diluted analysis.
- NA** = Not Applicable.
- DF** = Dilution Factor.
- NR** = Not Required.
- SP, Z** = Indicates Spiked Compound.



Recra LabNet - Lionville Laboratory

Semivolatiles by GC/MS, HSL List

Report Date: 09/28/99 15:14

RFW Batch Number: 9908L850

Client: TNU-HANFORD B99-078

Work Order: 10985001001

Page: 1a

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Sample Information	Cust ID:	BOW5P4	BOW5P2	BOW5M4	BOW5P3	BOW5M5	BOW5P7
	RFW#:	001	002	003	004	005	006
	Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	D.F.:	1.00	1.00	1.00	1.00	1.00	1.00
Units:	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	
Nitrobenzene-d5		76 %	84 %	81 %	85 %	78 %	81 %
Surrogate 2-Fluorobiphenyl		74 %	75 %	74 %	76 %	72 %	72 %
Recovery Terphenyl-d14		79 %	83 %	80 %	82 %	81 %	78 %
Phenol-d5		66 %	66 %	62 %	68 %	62 %	66 %
2-Fluorophenol		61 %	60 %	59 %	64 %	58 %	61 %
2,4,6-Tribromophenol		63 %	65 %	63 %	77 %	64 %	59 %
-----f1-----f1-----f1-----f1-----f1-----f1-----f1-----							
Phenol		350 U	350 U	360 U	350 U	350 U	330 U
bis(2-Chloroethyl) ether		350 U	350 U	360 U	350 U	350 U	330 U
2-Chlorophenol		350 U	350 U	360 U	350 U	350 U	330 U
1,3-Dichlorobenzene		350 U	350 U	360 U	350 U	350 U	330 U
1,4-Dichlorobenzene		350 U	350 U	360 U	350 U	350 U	330 U
1,2-Dichlorobenzene		350 U	350 U	360 U	350 U	350 U	330 U
2-Methylphenol		350 U	350 U	360 U	350 U	350 U	330 U
2,2'-oxybis(1-Chloropropane)		350 U	350 U	360 U	350 U	350 U	330 U
4-Methylphenol		350 U	350 U	360 U	350 U	350 U	330 U
N-Nitroso-di-n-propylamine		350 U	350 U	360 U	350 U	350 U	330 U
Hexachloroethane		350 U	350 U	360 U	350 U	350 U	330 U
Nitrobenzene		350 U	350 U	360 U	350 U	350 U	330 U
Isophorone		350 U	350 U	360 U	350 U	350 U	330 U
2-Nitrophenol		350 U	350 U	360 U	350 U	350 U	330 U
2,4-Dimethylphenol		350 U	350 U	360 U	350 U	350 U	330 U
bis(2-Chloroethoxy) methane		350 U	350 U	360 U	350 U	350 U	330 U
2,4-Dichlorophenol		350 U	350 U	360 U	350 U	350 U	330 U
1,2,4-Trichlorobenzene		350 U	350 U	360 U	350 U	350 U	330 U
Naphthalene		350 U	350 U	360 U	350 U	350 U	330 U
4-Chloroaniline		350 U	350 U	360 U	350 U	350 U	330 U
Hexachlorobutadiene		350 U	350 U	360 U	350 U	350 U	330 U
4-Chloro-3-methylphenol		350 U	350 U	360 U	350 U	350 U	330 U
2-Methylnaphthalene		350 U	350 U	360 U	350 U	350 U	330 U
Hexachlorocyclopentadiene		350 U	350 U	360 U	350 U	350 U	330 U
2,4,6-Trichlorophenol		350 U	350 U	360 U	350 U	350 U	330 U
2,4,5-Trichlorophenol		870 U	880 U	900 U	880 U	880 U	840 U

\*= Outside of EPA CLP QC limits.

Cust ID: BOW5P4 BOW5P2 BOW5M4 BOW5P3 BOW5M5 BOW5P7

RFW#: 001 002 003 004 005 006

2-Chloronaphthalene	350 U	350 U	360 U	350 U	350 U	330 U
2-Nitroaniline	870 U	880 U	900 U	880 U	880 U	840 U
Dimethylphthalate	350 U	350 U	360 U	350 U	350 U	330 U
Acenaphthylene	350 U	350 U	360 U	350 U	350 U	330 U
2,6-Dinitrotoluene	350 U	350 U	360 U	350 U	350 U	330 U
3-Nitroaniline	870 U	880 U	900 U	880 U	880 U	840 U
Acenaphthene	350 U	350 U	360 U	350 U	350 U	330 U
2,4-Dinitrophenol	870 U	880 U	900 U	880 U	880 U	840 U
4-Nitrophenol	870 U	880 U	900 U	880 U	880 U	840 U
Dibenzofuran	350 U	350 U	360 U	350 U	350 U	330 U
2,4-Dinitrotoluene	350 U	350 U	360 U	350 U	350 U	330 U
Diethylphthalate	350 U	350 U	360 U	350 U	350 U	330 U
4-Chlorophenyl-phenylether	350 U	350 U	360 U	350 U	350 U	330 U
Fluorene	350 U	350 U	360 U	350 U	350 U	330 U
4-Nitroaniline	870 U	880 U	900 U	880 U	880 U	840 U
4,6-Dinitro-2-methylphenol	870 U	880 U	900 U	880 U	880 U	840 U
N-Nitrosodiphenylamine (1)	350 U	350 U	360 U	350 U	350 U	330 U
4-Bromophenyl-phenylether	350 U	350 U	360 U	350 U	350 U	330 U
Hexachlorobenzene	350 U	350 U	360 U	350 U	350 U	330 U
Pentachlorophenol	870 U	880 U	900 U	880 U	880 U	840 U
Phenanthrene	350 U	350 U	360 U	350 U	350 U	330 U
Anthracene	350 U	350 U	360 U	350 U	350 U	330 U
Carbazole	350 U	350 U	360 U	350 U	350 U	330 U
Di-n-butylphthalate	350 U	350 U	360 U	350 U	350 U	330 U
Fluoranthene	350 U	350 U	360 U	350 U	350 U	330 U
Pyrene	350 U	350 U	360 U	350 U	350 U	330 U
Butylbenzylphthalate	350 U	350 U	360 U	350 U	350 U	330 U
3,3'-Dichlorobenzidine	350 U	350 U	360 U	350 U	350 U	330 U
Benzo(a)anthracene	350 U	350 U	360 U	350 U	350 U	330 U
Chrysene	350 U	350 U	360 U	350 U	350 U	330 U
bis(2-Ethylhexyl)phthalate	350 U	350 U	360 U	350 U	350 U	330 U
Di-n-octyl phthalate	350 U	350 U	360 U	350 U	350 U	330 U
Benzo(b)fluoranthene	350 U	350 U	360 U	350 U	350 U	330 U
Benzo(k)fluoranthene	350 U	350 U	360 U	350 U	350 U	330 U
Benzo(a)pyrene	350 U	350 U	360 U	350 U	350 U	330 U
Indeno(1,2,3-cd)pyrene	350 U	350 U	360 U	350 U	350 U	330 U
Dibenz(a,h)anthracene	350 U	350 U	360 U	350 U	350 U	330 U
Benzo(g,h,i)perylene	350 U	350 U	360 U	350 U	350 U	330 U

(1) - Cannot be separated from Diphenylamine. \*= Outside of EPA CLP QC limits.



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Cust ID:	B0W681	B0W681	B0W681	SBLKBY	SBLKBY BS
RFW#:	007	007 MS	007 MSD	99LE1063-MB1	99LE1063-MB1

Chemical Name	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT
2-Chloronaphthalene	400	U	400	U	400	U	330	U
2-Nitroaniline	1000	U	1000	U	1000	U	840	U
Dimethylphthalate	400	U	400	U	400	U	330	U
Acenaphthylene	400	U	400	U	400	U	330	U
2,6-Dinitrotoluene	400	U	400	U	400	U	330	U
3-Nitroaniline	1000	U	1000	U	1000	U	840	U
Acenaphthene	400	U	75	%	73	%	330	U
2,4-Dinitrophenol	1000	U	1000	U	1000	U	840	U
4-Nitrophenol	1000	U	54	%	53	%	840	U
Dibenzofuran	400	U	400	U	400	U	330	U
2,4-Dinitrotoluene	400	U	79	%	76	%	330	U
Diethylphthalate	400	U	400	U	400	U	330	U
4-Chlorophenyl-phenylether	400	U	400	U	400	U	330	U
Fluorene	400	U	400	U	400	U	330	U
4-Nitroaniline	1000	U	1000	U	1000	U	840	U
4,6-Dinitro-2-methylphenol	1000	U	1000	U	1000	U	840	U
N-Nitrosodiphenylamine (1)	400	U	400	U	400	U	330	U
4-Bromophenyl-phenylether	400	U	400	U	400	U	330	U
Hexachlorobenzene	400	U	400	U	400	U	330	U
Pentachlorophenol	1000	U	71	%	78	%	840	U
Phenanthrene	400	U	400	U	400	U	330	U
Anthracene	400	U	400	U	400	U	330	U
Carbazole	400	U	400	U	400	U	330	U
Di-n-butylphthalate	400	U	400	U	400	U	330	U
Fluoranthene	400	U	400	U	400	U	330	U
Pyrene	400	U	79	%	76	%	330	U
Butylbenzylphthalate	400	U	400	U	400	U	330	U
3,3'-Dichlorobenzidine	400	U	400	U	400	U	330	U
Benzo(a)anthracene	400	U	400	U	400	U	330	U
Chrysene	400	U	400	U	400	U	330	U
bis(2-Ethylhexyl)phthalate	100	J	400	U	400	U	330	U
Di-n-octyl phthalate	400	U	400	U	400	U	330	U
Benzo(b)fluoranthene	400	U	400	U	400	U	330	U
Benzo(k)fluoranthene	400	U	400	U	400	U	330	U
Benzo(a)pyrene	400	U	400	U	400	U	330	U
Indeno(1,2,3-cd)pyrene	400	U	400	U	400	U	330	U
Dibenz(a,h)anthracene	400	U	400	U	400	U	330	U
Benzo(g,h,i)perylene	400	U	400	U	400	U	330	U

(1) - Cannot be separated from Diphenylamine. \*= Outside of EPA CLP QC limits.

1F  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

BOW5P4

Lab Name: Recra\_LabNet                      Work Order: 10985001001

Client: TNU-HANFORD B99-078

Matrix: (soil/water) SOIL                                      Lab Sample ID: 9908L850-001

Sample wt/vol: 30.1                      (g/mL) G                                      Lab File ID: A091714

Level:            (low/med) LOW                                      Date Received: 08/24/99

% Moisture: 5            decanted: (Y/N)                                          Date Extracted: 08/31/99

Concentrated Extract Volume: 1000 (uL)                                      Date Analyzed: 09/18/99

Injection Volume: 2.0 (uL)                                      Dilution Factor: 1.00

GPC Cleanup:    (Y/N) N                                      pH:       

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

Number TICs found: 1

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	ALDOL CONDENSATE	8.34	70	JA

1F  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

B0W5P2

Lab Name: Recra.LabNet                      Work Order: 10985001001

Client: TNU-HANFORD B99-078

Matrix: (soil/water) SOIL    Lab Sample ID: 9908L850-002

Sample wt/vol: 30.0                      (g/mL) G    Lab File ID: A091715

Level:            (low/med) LOW    Date Received: 08/24/99

% Moisture: 5    decanted: (Y/N)       Date Extracted: 08/31/99

Concentrated Extract Volume: 1000(uL)    Date Analyzed: 09/18/99

Injection Volume: 2.0(uL)    Dilution Factor: 1.00

GPC Cleanup:    (Y/N) N    pH:                             CONCENTRATION UNITS:  
Number TICs found: 2    (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	ALDOL CONDENSATE	8.35	90	JA
2.	UNKNOWN	24.36	90	JB

1F  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

BOW5M4

Lab Name: Recra.LabNet                      Work Order: 10985001001

Client: TNU-HANFORD B99-078

Matrix: (soil/water) SOIL    Lab Sample ID: 9908L850-003

Sample wt/vol: 30.1                      (g/mL) G    Lab File ID: A091716

Level:        (low/med) LOW    Date Received: 08/24/99

% Moisture: 8        decanted: (Y/N)       Date Extracted: 08/31/99

Concentrated Extract Volume: 1000(uL)    Date Analyzed: 09/18/99

Injection Volume: 2.0(uL)    Dilution Factor: 1.00

GPC Cleanup: (Y/N) N    pH:       

Number TICs found: 2    CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	ALDOL CONDENSATE	8.34	100	JA
2.	UNKNOWN	24.36	100	JB

1F  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

B0W5P3

Lab Name: Recra.LabNet                      Work Order: 10985001001

Client: TNU-HANFORD B99-078

Matrix: (soil/water) SOIL

Lab Sample ID: 99081850-004

Sample wt/vol: 30.1                      (g/mL) G

Lab File ID: A092011

Level:        (low/med) LOW

Date Received: 08/24/99

% Moisture: 5        decanted: (Y/N)   

Date Extracted: 08/31/99

Concentrated Extract Volume: 1000 (uL)

Date Analyzed: 09/20/99

Injection Volume: 2.0 (uL)

Dilution Factor: 1.00

GPC Cleanup:    (Y/N) N

pH:       

CONCENTRATION UNITS:

Number TICs found: 1

(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	ALDOL CONDENSATE	8.34	100	JA

1F  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

BOW5M5
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Lab Name: Recra.LabNet                      Work Order: 10985001001

Client: TNU-HANFORD B99-078

Matrix: (soil/water) SOIL    Lab Sample ID: 9908L850-005

Sample wt/vol: 30.0                      (g/mL) G    Lab File ID: A092012

Level:        (low/med) LOW    Date Received: 08/24/99

% Moisture: 5        decanted: (Y/N)       Date Extracted: 08/31/99

Concentrated Extract Volume: 1000(uL)    Date Analyzed: 09/20/99

Injection Volume: 2.0(uL)    Dilution Factor: 1.00

GPC Cleanup:    (Y/N) N    pH:       

Number TICs found: 0    CONCENTRATION UNITS:  
(ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.				

1F  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

BOW5P7

Lab Name: Recra.LabNet                      Work Order: 10985001001

Client: TNU-HANFORD B99-078

Matrix: (soil/water) SOIL    Lab Sample ID: 9908L850-006

Sample wt/vol: 30.0                      (g/mL) G    Lab File ID: A092013

Level:        (low/med) LOW    Date Received: 08/24/99

% Moisture: 0        decanted: (Y/N)       Date Extracted: 08/31/99

Concentrated Extract Volume: 1000 (uL)    Date Analyzed: 09/20/99

Injection Volume: 2.0 (uL)    Dilution Factor: 1.00

GPC Cleanup: (Y/N) N    pH:           CONCENTRATION UNITS:

Number TICs found: 4    (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	ALDOL CONDENSATE	8.34	200	JA
2.	ALDOL CONDENSATE	9.13	100	JA
3.	UNKNOWN	10.04	100	J
4.	UNKNOWN	24.38	100	JB

1F  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

B0W681

Lab Name: Recra.LabNet                      Work Order: 10985001001

Client: TNU-HANFORD B99-078

Matrix: (soil/water) SOIL                                      Lab Sample ID: 9908L850-007

Sample wt/vol: 30.0                      (g/mL) G                                      Lab File ID: A092014

Level:        (low/med) LOW                                      Date Received: 08/24/99

% Moisture: 16    decanted: (Y/N)                                         Date Extracted: 08/31/99

Concentrated Extract Volume: 1000 (uL)                                      Date Analyzed: 09/20/99

Injection Volume: 2.0 (uL)                                      Dilution Factor: 1.00

GPC Cleanup: (Y/N) N                                      pH:                                             CONCENTRATION UNITS:

Number TICs found: 4                                      (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	ALDOL CONDENSATE	8.35	200	JA
2.	ALDOL CONDENSATE	9.13	100	JA
3.	ORGANIC ACID	21.13	100	J
4.	UNKNOWN	24.36	200	JB

1F  
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET  
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

SBLKBY
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Lab Name: Recra.LabNet                      Work Order: 10985001001

Client: TNU-HANFORD B99-078

Matrix: (soil/water) SOIL    Lab Sample ID: 99LE1063-MB1

Sample wt/vol: 30.0                      (g/mL) G    Lab File ID: A090314

Level:        (low/med) LOW    Date Received: 08/31/99

% Moisture:               decanted: (Y/N) \_\_    Date Extracted: 08/31/99

Concentrated Extract Volume: 1000 (uL)    Date Analyzed: 09/03/99

Injection Volume: 2.0 (uL)    Dilution Factor: 1.00

GPC Cleanup: (Y/N) N    pH:           CONCENTRATION UNITS:

Number TICs found: 1    (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
1.	UNKNOWN	22.45	200	J

Recra LabNet - Lionville Laboratory  
 BNA ANALYTICAL DATA PACKAGE FOR  
 TNU-HANFORD B99-078

DATE RECEIVED: 08/24/99

RFW LOT # :9908L850

CLIENT ID	RFW #	MTX	PREP #	COLLECTION	EXTR/PREP	ANALYSIS
B0W5P4	001	S	99LE1063	08/19/99	08/31/99	09/18/99
B0W5P2	002	S	99LE1063	08/19/99	08/31/99	09/18/99
B0W5M4	003	S	99LE1063	08/19/99	08/31/99	09/18/99
B0W5P3	004	S	99LE1063	08/19/99	08/31/99	09/20/99
B0W5M5	005	S	99LE1063	08/19/99	08/31/99	09/20/99
B0W5P7	006	S	99LE1063	08/19/99	08/31/99	09/20/99
B0W681	007	S	99LE1063	08/19/99	08/31/99	09/20/99
B0W681	007 MS	S	99LE1063	08/19/99	08/31/99	09/20/99
B0W681	007 MSD	S	99LE1063	08/19/99	08/31/99	09/20/99

LAB QC:

SBLKBY	MB1	S	99LE1063	N/A	08/31/99	09/03/99
SBLKBY	MB1 BS	S	99LE1063	N/A	08/31/99	09/03/99



9908L850

**ALL** FIELD PERSONNEL: COMPLETE ONLY SHADED AREAS

Client <u>TNU-Hanford B99-078</u>	Refrigerator #	1	6					6	6	6			
Est. Final Proj. Sampling Date	#/Type Container	Liquid											
Project # <u>10985-001-001-9999-00</u>		Solid	1g	1g	-1			1g	1g	1g			
Project Contact/Phone #	Volume	Liquid											
RECRA Project Manager <u>OT</u>		Solid	250	500	-1			500	250	1000			
QC <u>Spec</u> Del <u>std</u> TAT <u>30 days</u>	Preservatives												
Date Rec'd <u>8/24/99</u> Date Due <u>9/23/99</u>	ANALYSES REQUESTED	ORGANIC					INORG						
Account #		VOA	BNA	Pest/PCB	Herb		Metal	CN					

MATRIX CODES: S - Soil SE - Sediment SO - Solid SL - Sludge W - Water O - Oil A - Air DS - Drum DL - Drum L - EP/TCLP WI - Wipe X - Other F - Fish	Lab ID	Client ID/Description	Matrix QC Chosen (✓) MS MSD	Matrix	Date Collected	Time Collected	RECRA LabNet Use Only										
							VOA	BNA	Pest/PCB	Herb	Metals	CN	9Met	1PH	Ang		
							00284H	00254H	00283B	00283C	00280	9Met	1PH	Ang			
	001	BOW SPA		S	8/19/99	1145	X	X	X	X	X	X	X	X	X		
	2	5P2				1105											
	3	5M4				1025											
	4	5P3				1121											
	5	5M5				1050											
	6	5P7				0900											
	7	681				0900											

Run matrix QC

Special Instructions:

Ref # B99-078

**COMPOSITE WASTE**

DATE/REVISIONS:

- 9Met<sup>1</sup> = As, Ba, Be, Cd, Cr, Cu, Pb, Ni, Se.
- Ag, V, Zn, Hg, ICR6
- Ang<sup>3</sup> = IN3N2, ICCL, ICFL, ICNO2, ICNO3,
- ICPO4, IC504, ISFD, INH3N, ICNT0
- \* 423579528602-3.70C
- 423579528598-4.20C

RECRA LabNet Use Only

Samples were 1) Shipped <input checked="" type="checkbox"/> or Hand Delivered <input type="checkbox"/>	COC Tape was: 1) Present on Outer Package <input checked="" type="checkbox"/> or N
Airbill # *	2) Unbroken on Outer Package <input checked="" type="checkbox"/> or N
2) Ambient or Chilled	3) Present on Sample <input checked="" type="checkbox"/> or N
3) Received in Good Condition <input checked="" type="checkbox"/> or N	4) Unbroken on Sample <input checked="" type="checkbox"/> or N
4) Labels Indicate Properly Preserved <input checked="" type="checkbox"/> or N	COC Record Present Upon Sample Rec't <input checked="" type="checkbox"/> or N
5) Received Within Holding Times <input checked="" type="checkbox"/> or N	Cooler Temp. <u>5.1</u> °C

Relinquished by	Received by	Date	Time	Relinquished by	Received by	Date	Time
FedEx	Janson	8/24/99	0930		ORIGINAL		
					REWRITTEN		

Discrepancies Between Samples Labels and COC Record? Y or  N  
 NOTES:  
 \*4019645195