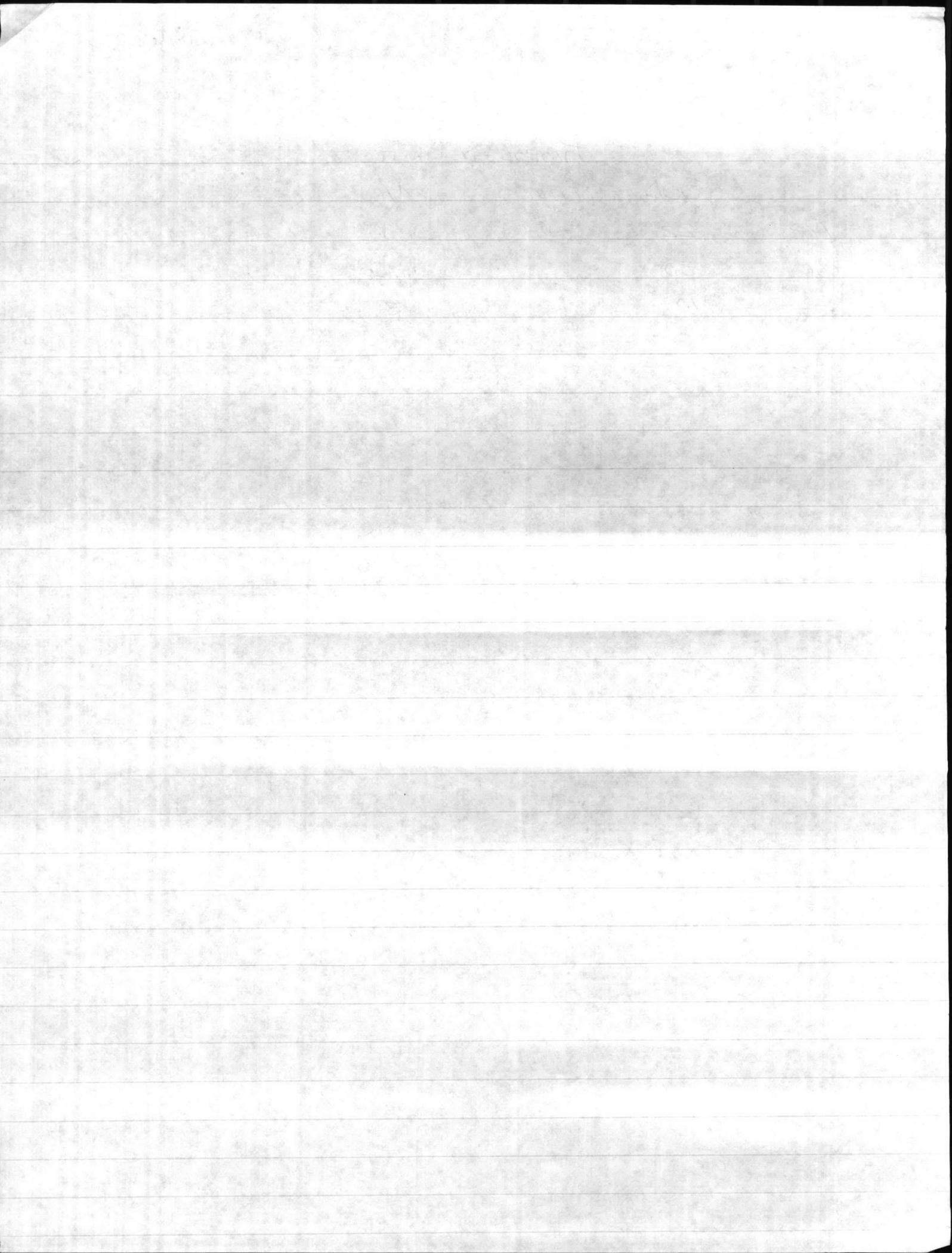


T-6282

PROPOSED LIMITS

	BOD	EFFLUENT	NH ₃
HP	22		13
CJ	30		NONE
CG	10		3





— ANALYTICAL RESULTS REPORT —

Mr. David Goodwin
Atlantic Division, Code 1143
Naval Facilities Engineering
Command
Norfolk, Virginia 23511

RE: Water Analysis
CAS Commission No. 6094

REPORT DATE/NUMBER: 02 October 1984/327

SAMPLE COLLECTED: 22 August 1984: 1450; 30 August 1984: 0910

BY: U. S. Navy Personnel

SAMPLE RECEIVED IN LAB: 24 August 1984: 1130; 05 September 1984: 0730

ANALYSIS FOR: Volatile Organics (VOA)

METHOD OF ANALYSIS: See enclosed data.

CAS No.	Description	VOA
41143	002 Tarawa Terrace	*
41695	007 Onslow Beach	*

* Report is enclosed from CompuChem Laboratories.

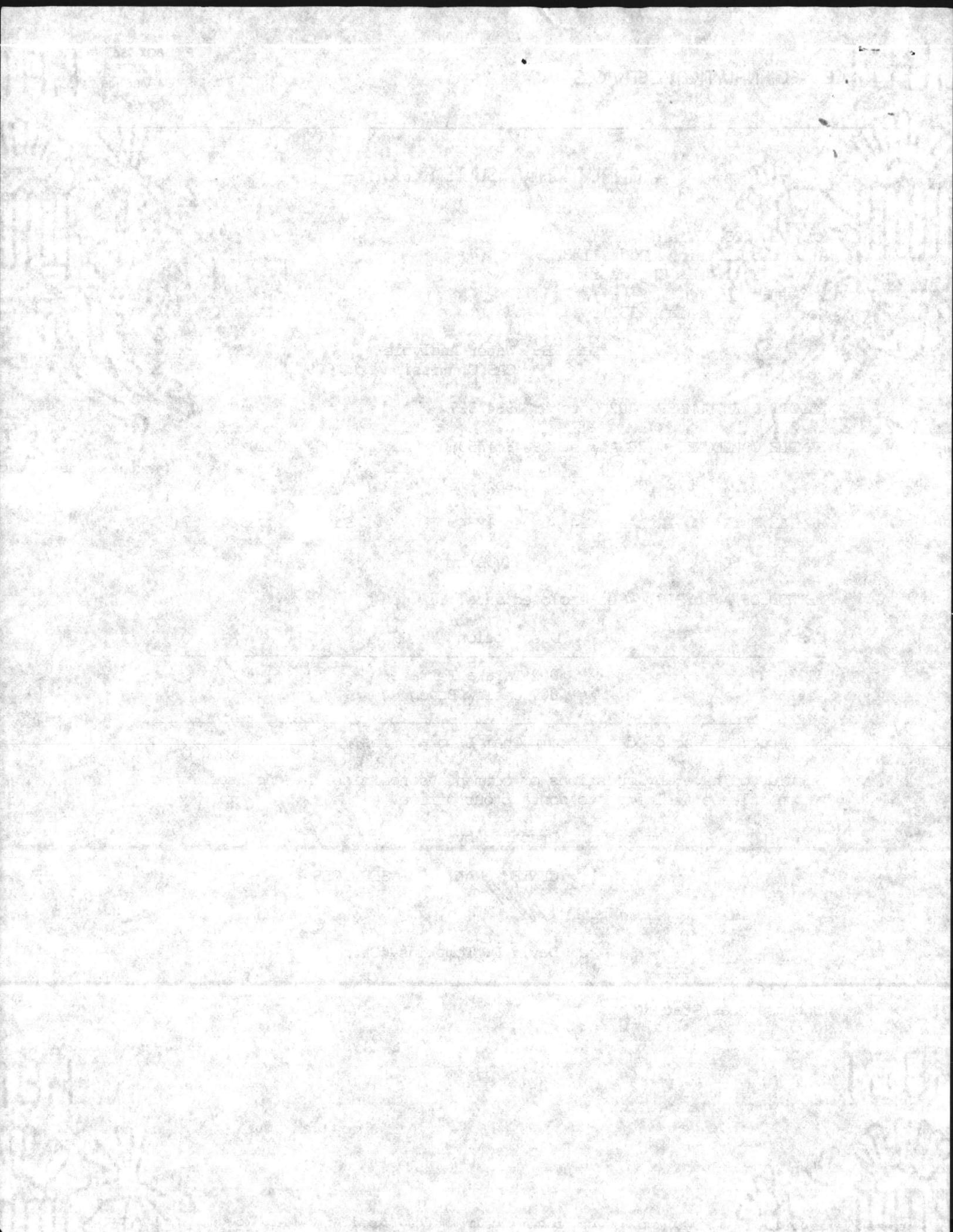
Should you have any questions or comments concerning the enclosed information, please feel free to contact our office.

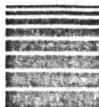
Prepared by:

CENTEC ANALYTICAL SERVICES

[Signature]
David F. Tompkins, Chemist

DFT;dlf
Enclosure as Stated





COMPUCHEM
LABORATORIES

September 25, 1984

Mr. David Tompkins
Centec
2160 Industrial Drive
Salem, VA 24153

Dear Mr. Tompkins:

Thank you for selecting CompuChem® Laboratories for your recent sample analysis. We have completed the analysis that you requested and have enclosed a summary of the CompuChem® data for your review. Additional data details are available for purchase if you require them.

As you know, EPA has proposed detection limits for the priority pollutants in the December 3, 1979, Federal Register, and we have reported all priority pollutant concentrations which have exceeded these limits (or their equivalent for solid matrices). In addition, we have permanently stored a complete record of your data on magnetic tape. This includes chromatograms, mass spectra, calibration and quality control data for the organics. Therefore, your original data is readily available for future reference. Should you require additional information from your data base, please contact us at 1/800-334-8525.

In order to expedite data to you, we have forwarded the results for all completed analyses. If you submitted more samples than are included in the enclosed results, the data will be forthcoming upon completion of our final review.

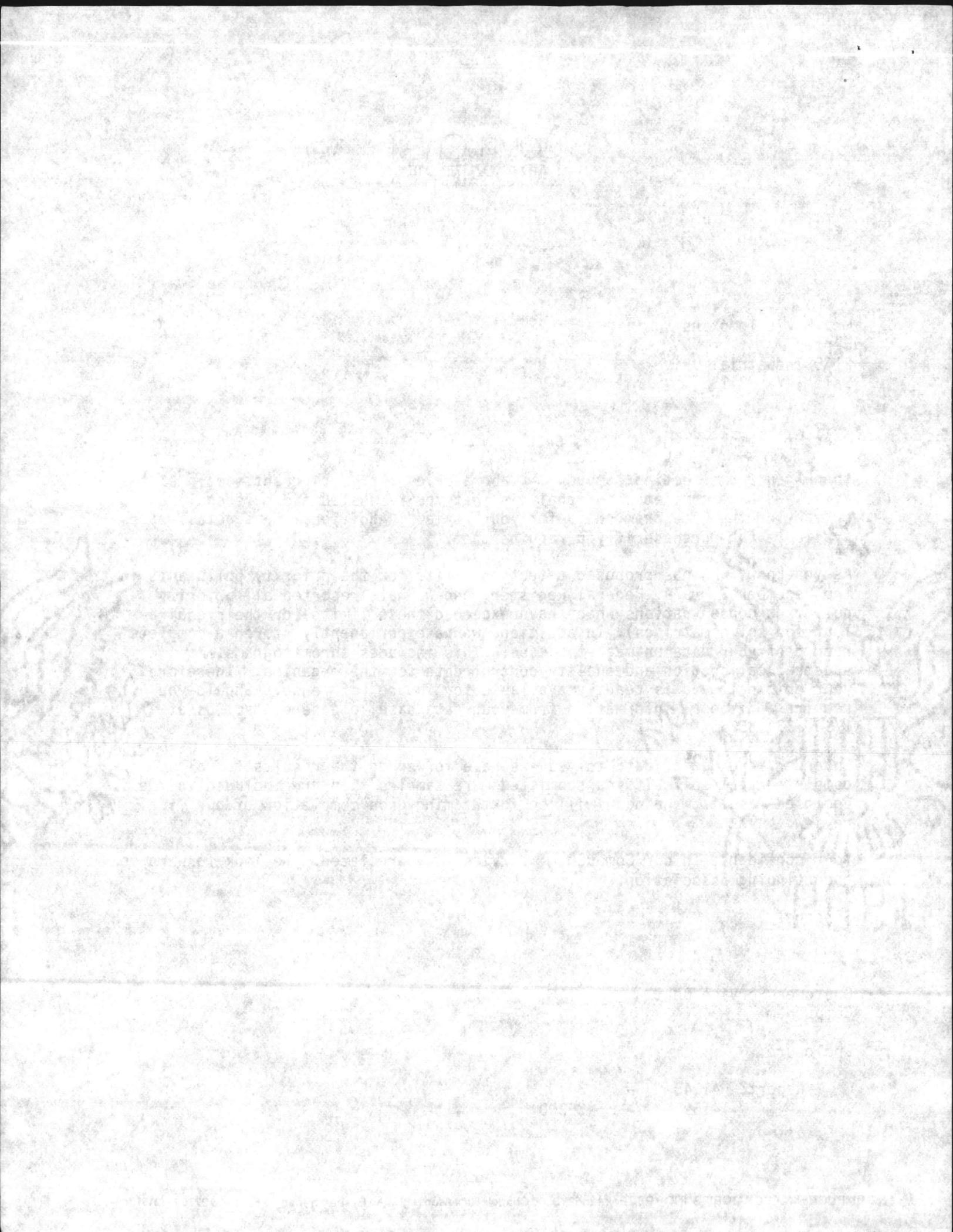
Your confidence in our CompuChem® service is appreciated. We look forward to a continuing association.

Sincerely,

Customer Service Dept.
CompuChem®

Enclosure:

Report: 41143 - 34592
41695 - 35300



DATA REPORT NOTICE

CompuChem employs Methods 624 and 625 for GC/MS analysis of organics in liquid matrices. These methods were proposed on December 3, 1979 by the U.S.E.P.A. in Volume 44 of the Federal Register. These methods were subsequently revised and reissued in July, 1982 as publication EPA-600/4-82-057. The EPA Environmental Monitoring and Support Laboratory (EMSL-Cincinnati) has subsequently issued method modifications which provide for the analysis of solid matrices. These modifications specify changes in the sample preparation procedures.

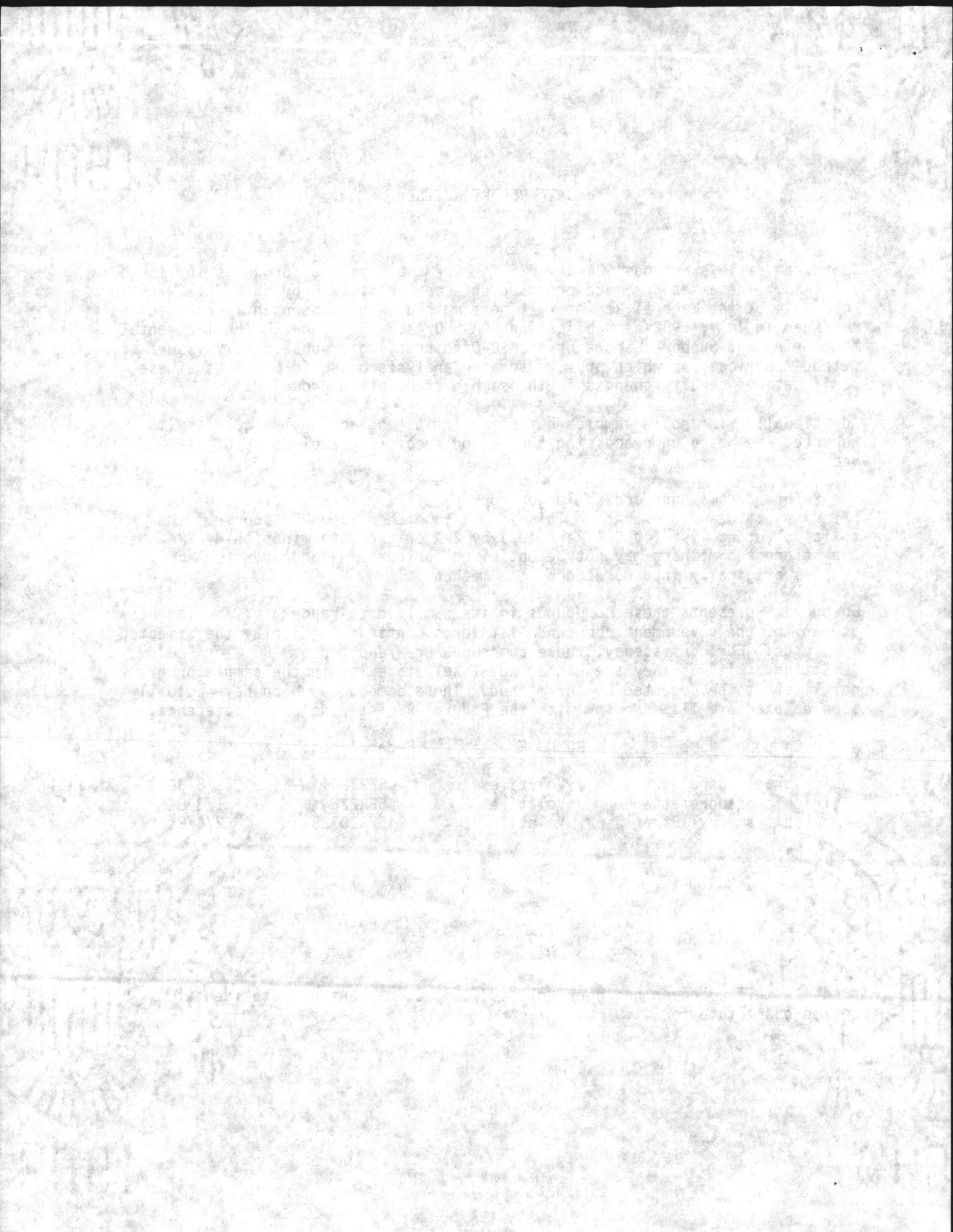
Additionally, for solid samples detection limits and any analytical results reported are based on processing the method specified sample size of as-received material.

The referenced methods are no longer appropriate for several of the original priority pollutant compounds. This is due to either the deletion from the toxic pollutant list (40 CFR Part 401) by EPA or the determination by EPA that the referenced methods may not be optimized for certain compounds (EPA-600/4-82-057) originally incorporated by the methods.

CompuChem® presents these compounds in its sample data report for completeness as many of the government compound list forms continue to display the affected compounds. For consistency, these compounds are reported as "BDL" or "Below Detection Limit" as they are either not likely to exist in the sample or are not likely to be detected by the method. Those compounds which have actually been deleted are listed below with the Federal Register deletion reference.

<u>Compound Name</u>	<u>GC/MS Fraction</u>	<u>Federal Register</u>	<u>Date</u>
Dichlorodifluoromethane	Volatile	46FR2264	1/8/81
*Trichlorofluoromethane	Volatile	46FR2264	1/8/81
Bis(Chloromethyl)Ether	Volatile	46FR10723	2/4/81

*While this compound has been deleted, CompuChem® continues to identify and quantitate for it.





COMPUCHEM
LABORATORIES

REPORT OF DATA

SAMPLE IDENTIFIER: 41143
41695

COMPUCHEM SAMPLE NUMBER: 34592
35300

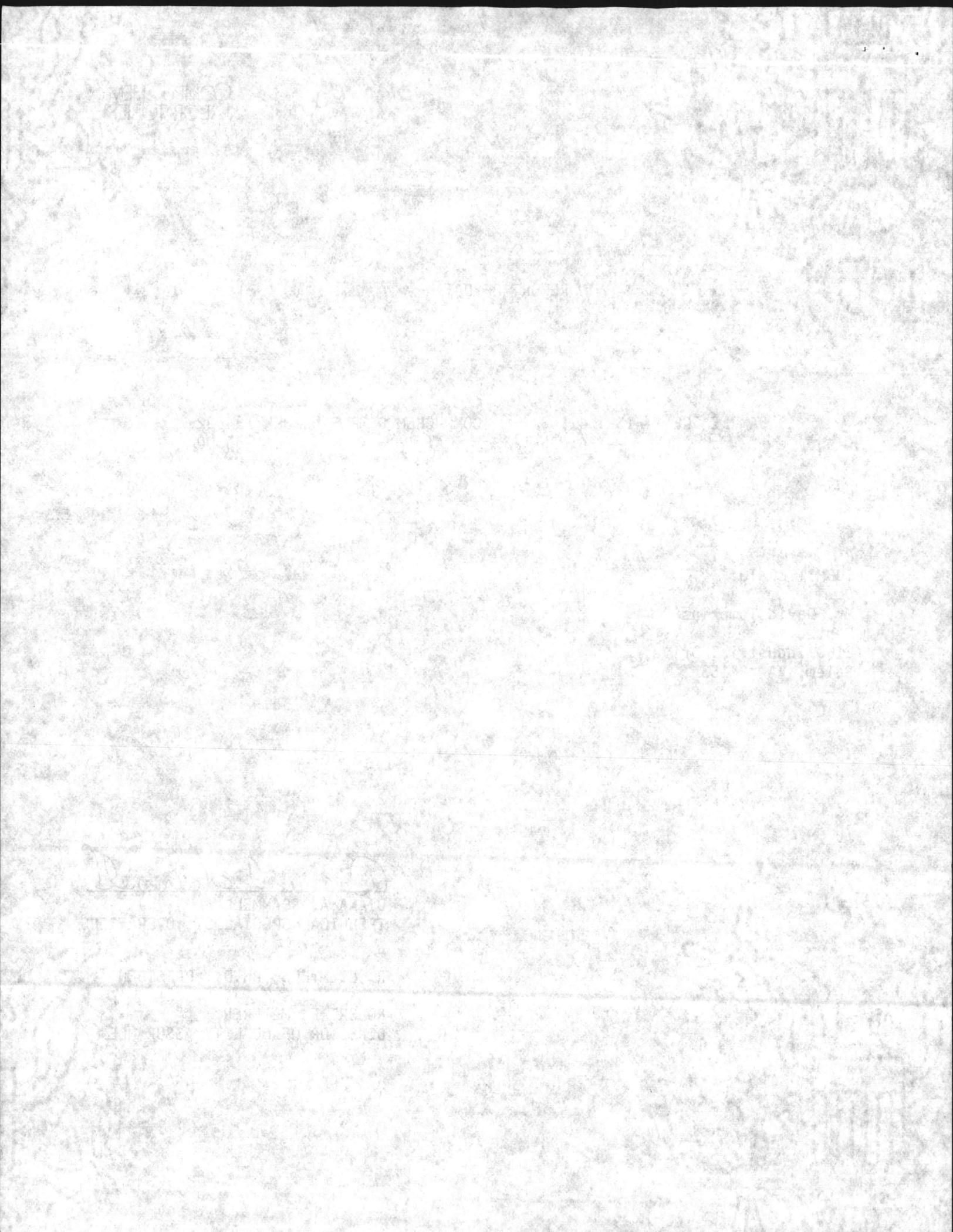
SUBMITTED TO:

Mr. David Tompkins
Centec
2160 Industrial Drive
Salem, VA 24153

Diana A. Scammell
DIANA A. SCAMMELL
TECHNICAL SPECIALIST, OPERATIONS

R. L. MYERS, PH.D., PRESIDENT

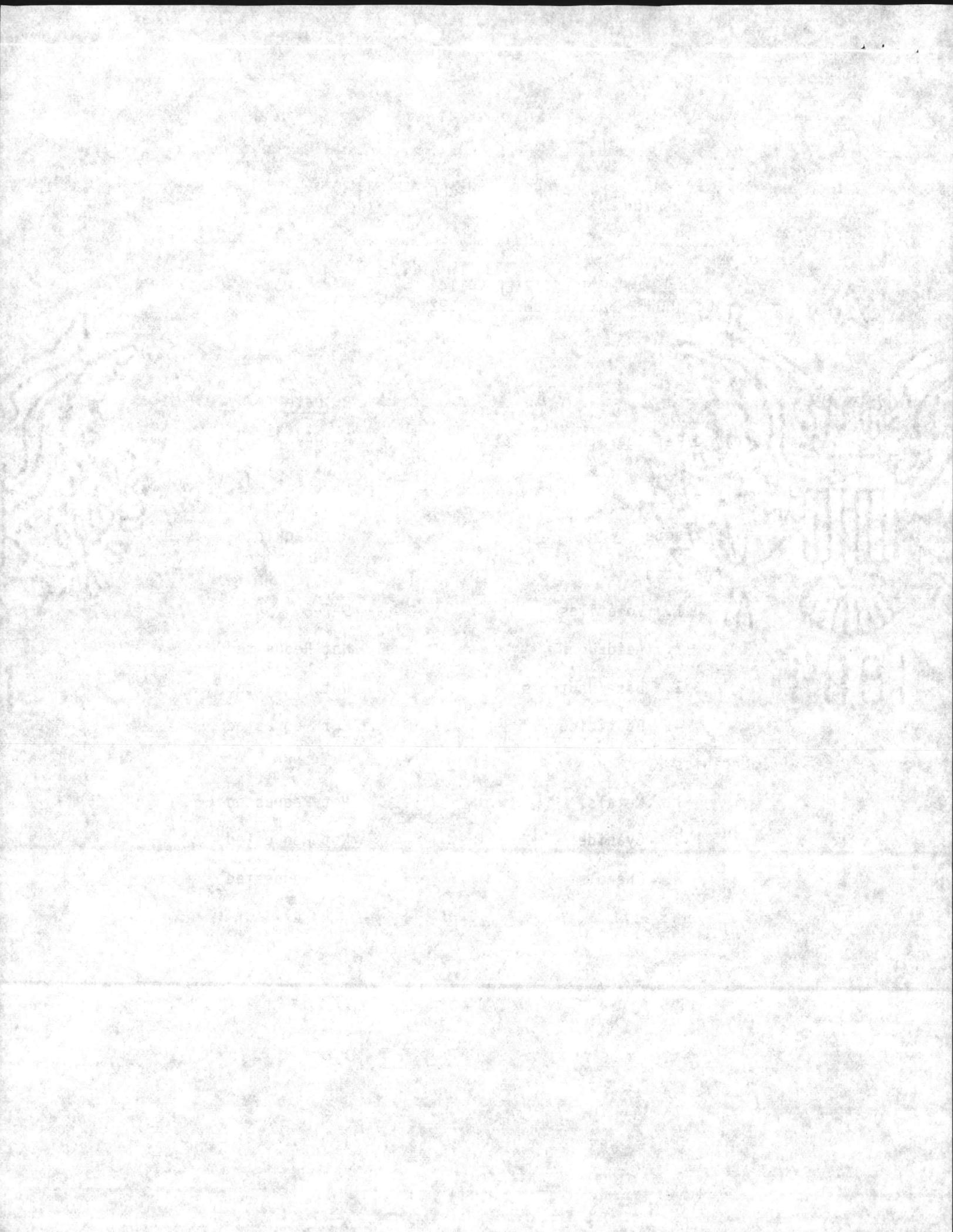
ROBERT E. MEIERER
DIRECTOR OF QUALITY ASSURANCE



LABORATORY CHRONICLE

SAMPLE IDENTIFIER: 41143
COMPUCHEM SAMPLE NUMBER: 34592

	<u>Date</u>
Received/Refrigerated	8-29-84
Organics	
Extracted	Not Required
Analyzed	
1. Volatiles	9-7-84
2. Acid	Not Requested
3. Base/Neutrals	Not Requested
4. Pesticides/PCBS	Not Requested
Inorganics	
1. Metals	Not Requested
2. Cyanide	Not Requested
3. Phenols	Not Requested



COMPOUND LIST

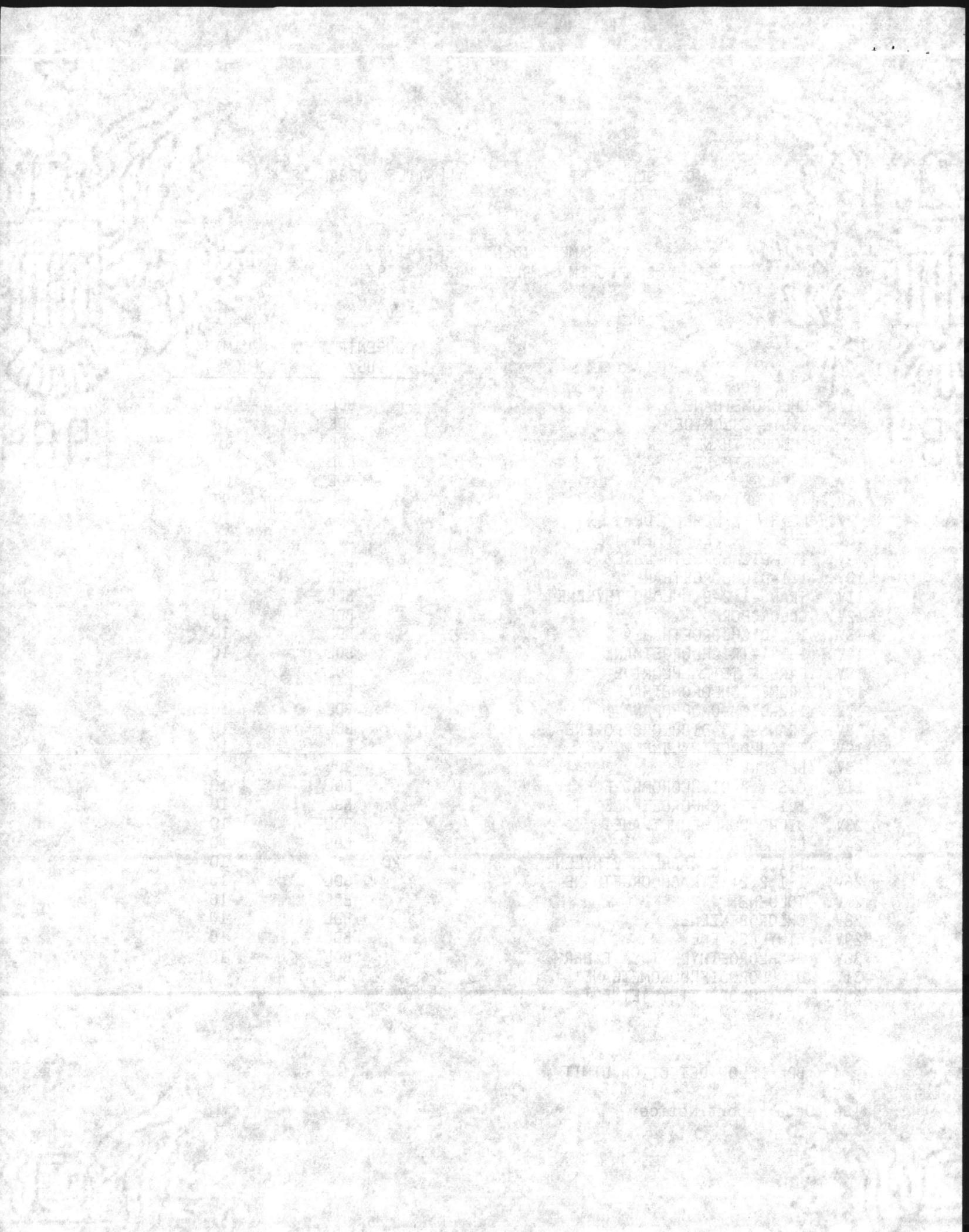
- VOLATILES ORGANICS

SAMPLE IDENTIFIER: 41143
COMPUCHEM SAMPLE NUMBER: 34592

	CONCENTRATION (UG/L)	DETECTION LIMIT (UG/L)
1V. CHLOROMETHANE	BDL	10
2V. VINYL CHLORIDE	BDL	10
3V. CHLOROETHANE	BDL	10
4V. BROMOMETHANE	BDL	10
5V. ACROLEIN	BDL	100
6V. ACRYLONITRILE	BDL	100
7V. METHYLENE CHLORIDE	BDL	10
8V. TRICHLOROFLUOROMETHANE	BDL	10
9V. 1,1-DICHLOROETHYLENE	BDL	10
10V. 1,1-DICHLOROETHANE	BDL	10
11V. TRANS-1,2-DICHLOROETHYLENE	BDL	10
12V. CHLOROFORM	BDL	10
13V. 1,2-DICHLOROETHANE	BDL	10
14V. 1,1,1-TRICHLOROETHANE	BDL	10
15V. CARBON TETRACHLORIDE	BDL	10
16V. BROMODICHLOROMETHANE	BDL	10
17V. 1,2-DICHLOROPROPANE	BDL	10
18V. TRANS-1,3-DICHLOROPROPENE	BDL	10
19V. TRICHLOROETHYLENE	BDL	10
20V. BENZENE	BDL	10
21V. CIS-1,3-DICHLOROPROPENE	BDL	10
22V. 1,1,2-TRICHLOROETHANE	BDL	10
23V. DIBROMOCHLOROMETHANE	BDL	10
24V. BROMOFORM	BDL	10
25V. 1,1,2,2-TETRACHLOROETHYLENE	20	10
26V. 1,1,2,2-TETRACHLOROETHANE	BDL	10
27V. TOLUENE	BDL	10
28V. CHLOROBENZENE	BDL	10
29V. ETHYLBENZENE	BDL	10
30V. 2-CHLOROETHYL VINYL ETHER	BDL	10
31V. DICHLORODIFLUOROMETHANE [†]	BDL	
32V. BIS(CHLOROMETHYL)ETHER [†]	BDL	

BDL=BELOW DETECTION LIMIT

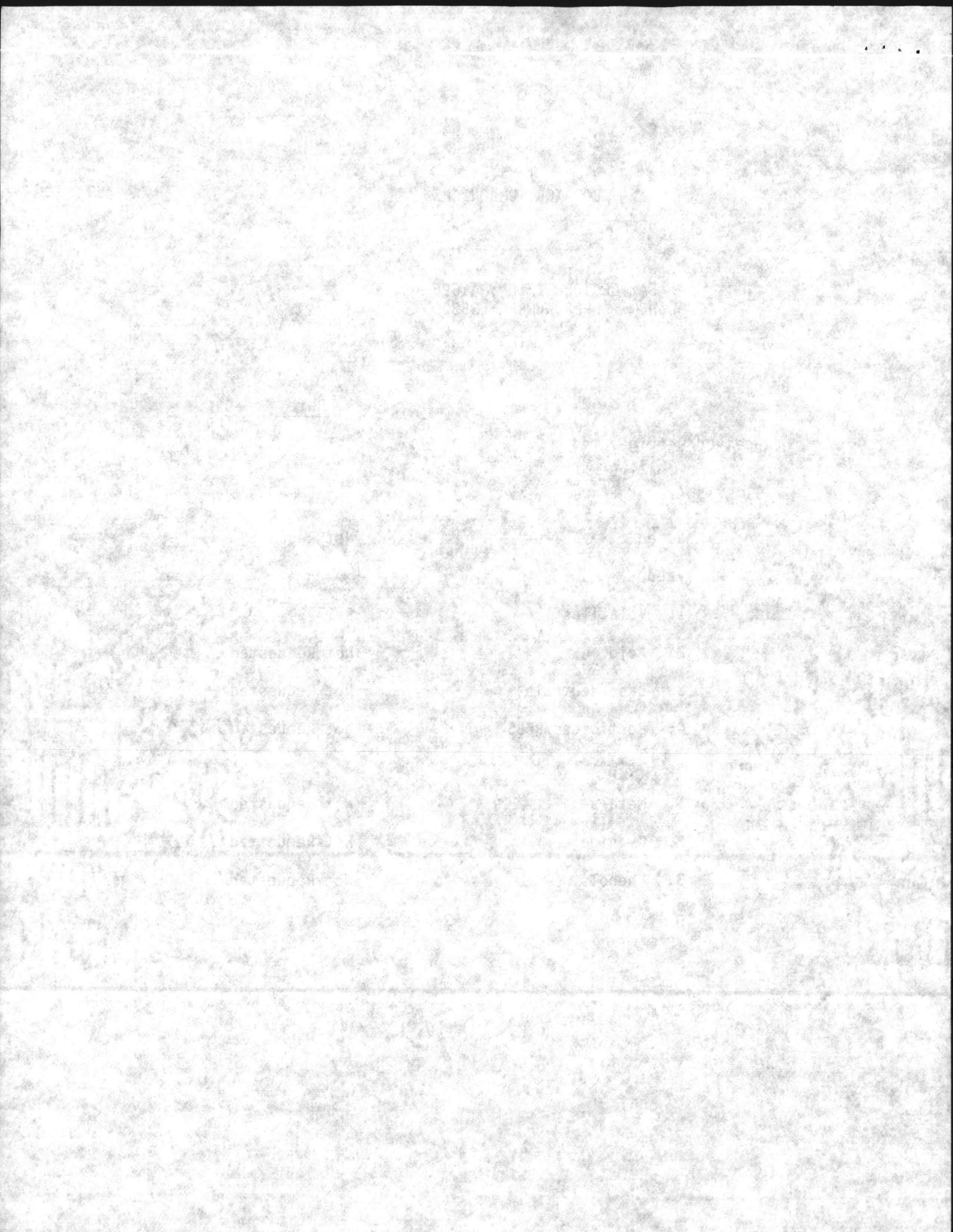
[†]See Data Report Notice



LABORATORY CHRONICLE

SAMPLE IDENTIFIER: 41695
COMPUCHEM SAMPLE NUMBER: 35300

	<u>Date</u>
Received/Refrigerated	9-10-84
Organics	
Extracted	Not Requested
Analyzed	
1. Volatiles	9-17-84
2. Acid	Not Requested
3. Base/Neutrals	Not Requested
4. Pesticides/PCBS	Not Requested
Inorganics	
1. Metals	Not Requested
2. Cyanide	Not Requested
3. Phenols	Not Requested



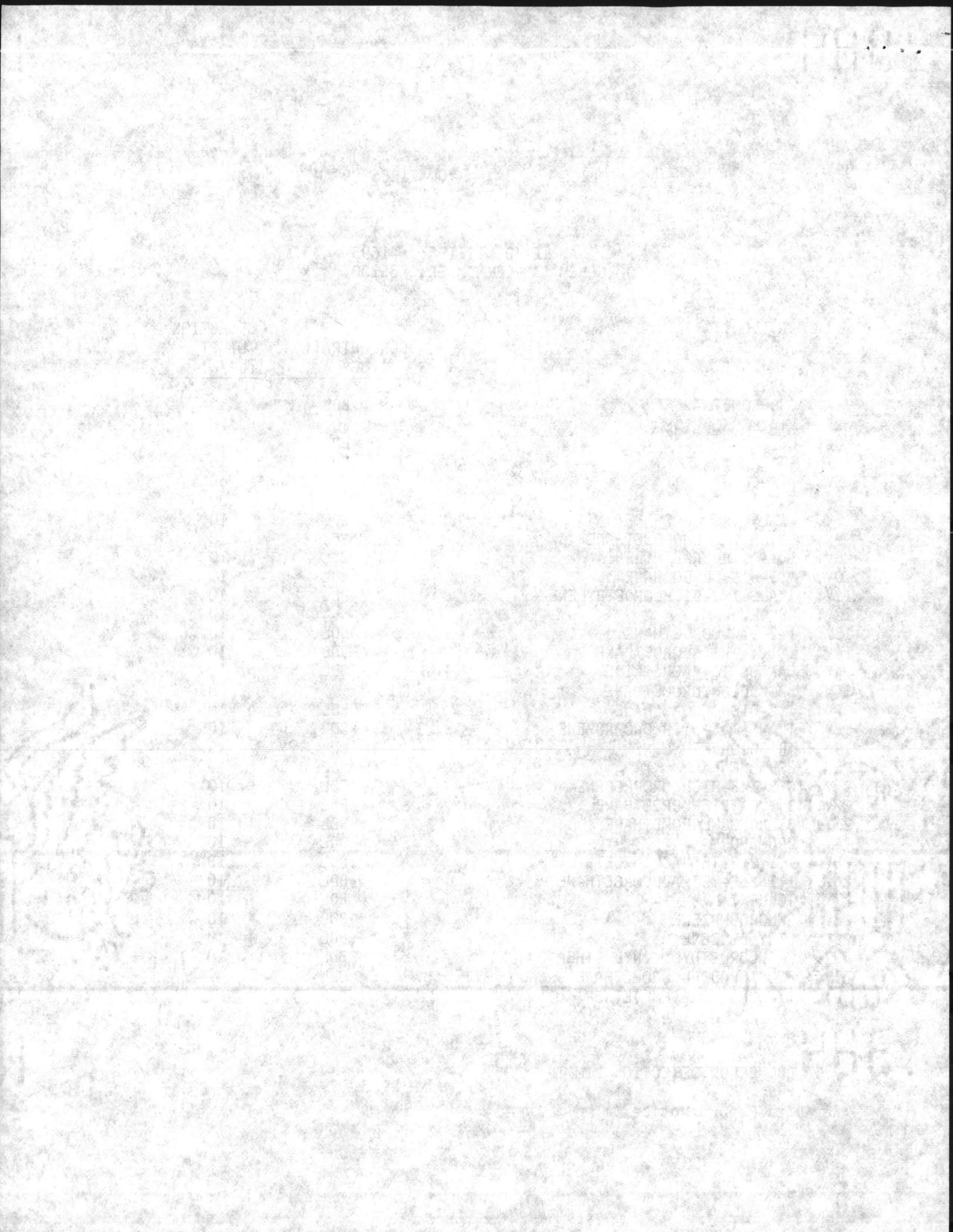
COMPOUND LIST - VOLATILES ORGANICS

SAMPLE IDENTIFIER: 41695
 COMPUCHEM SAMPLE NUMBER: 35300

	CONCENTRATION (UG/L)	DETECTION LIMIT (UG/L)
1V. CHLOROMETHANE	BDL	10
2V. VINYL CHLORIDE	BDL	10
3V. CHLOROETHANE	BDL	10
4V. BROMOMETHANE	BDL	10
5V. ACROLEIN	BDL	100
6V. ACRYLONITRILE	BDL	100
7V. METHYLENE CHLORIDE	BDL	10
8V. TRICHLOROFLUOROMETHANE	BDL	10
9V. 1,1-DICHLOROETHYLENE	BDL	10
10V. 1,1-DICHLOROETHANE	BDL	10
11V. TRANS-1,2-DICHLOROETHYLENE	BDL	10
12V. CHLOROFORM	51	10
13V. 1,2-DICHLOROETHANE	BDL	10
14V. 1,1,1-TRICHLOROETHANE	BDL	10
15V. CARBON TETRACHLORIDE	BDL	10
16V. BROMODICHLOROMETHANE	10	10
17V. 1,2-DICHLOROPROPANE	BDL	10
18V. TRANS-1,3-DICHLOROPROPENE	BDL	10
19V. TRICHLOROETHYLENE	BDL	10
20V. BENZENE	BDL	10
21V. CIS-1,3-DICHLOROPROPENE	BDL	10
22V. 1,1,2-TRICHLOROETHANE	BDL	10
23V. DIBROMOCHLOROMETHANE	BDL	10
24V. BROMOFORM	BDL	10
25V. 1,1,2,2-TETRACHLOROETHYLENE	BDL	10
26V. 1,1,2,2-TETRACHLOROETHANE	BDL	10
27V. TOLUENE	BDL	10
28V. CHLOROBENZENE	BDL	10
29V. ETHYLBENZENE	BDL	10
30V. 2-CHLOROETHYL VINYL ETHER	BDL	10
31V. DICHLORODIFLUOROMETHANE [†]	BDL	
32V. BIS(CHLOROMETHYL)ETHER [†]	BDL	

BDL=BELOW DETECTION LIMIT

[†]See Data Report Notice





CENTEC ANALYTICAL SERVICES, INC.
A SUBSIDIARY OF THE CENTEC CORPORATION

P. O. BOX 956
2160 INDUSTRIAL DRIVE
SALEM, VIRGINIA 24153
(703) 387-3995

— ANALYTICAL RESULTS REPORT —

Mr. David Goodwin
Atlantic Division, Code 1143
Naval Facilities Engineering
Command
Norfolk, Virginia 23511

RE: Water Analysis
CAS Commission No. 6094

REPORT DATE/NUMBER: 25 September 1984/323

SAMPLES COLLECTED: 22 August 1984: 0930
22 August 1984: 1135

BY: U. S. Navy Personnel

SAMPLES RECEIVED IN LAB: 24 August 1984: 1130

ANALYSIS FOR: Volatile Organics (VOA)*

METHOD OF ANALYSIS: See enclosed data.

CAS No.	Description	VOA
41145	004 Hadnot Point	*
41147	006 Coverhouse Bay	*

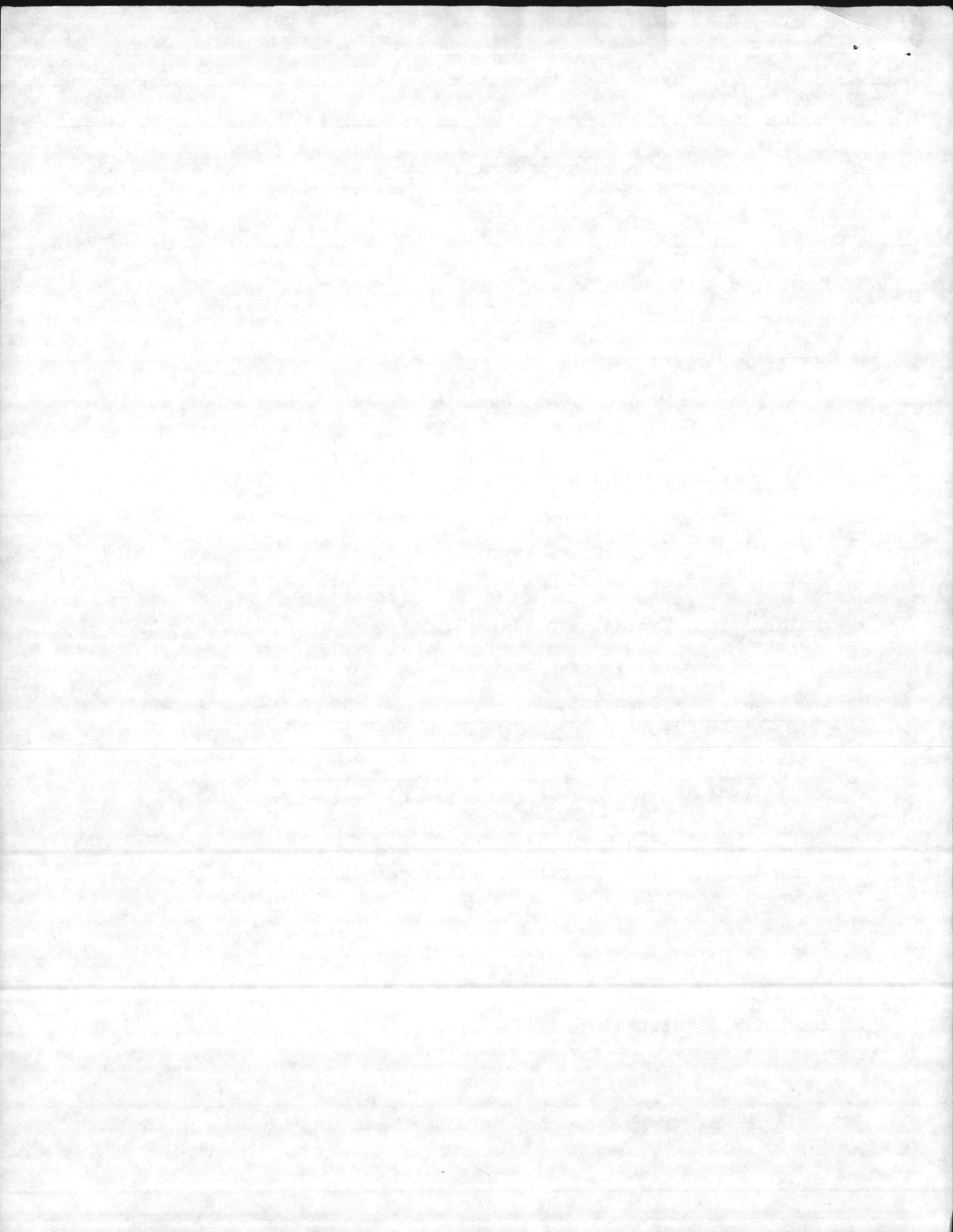
* Report is enclosed from CompuChem Laboratories.

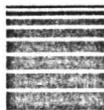
Prepared by:

CENTEC ANALYTICAL SERVICES


David F. Tompkins,
Chemist

DFT;dlf
Enclosure as Stated





COMPUCHEM
LABORATORIES

September 14, 1984

Mr. David Tompkins
Centec
2160 Industrial Drive
Salem, VA 24153

Dear Mr. Tompkins:

Thank you for selecting CompuChem® Laboratories for your recent sample analysis. We have completed the analysis that you requested and have enclosed a summary of the CompuChem® data for your review. Additional data details are available for purchase if you require them.

As you know, EPA has proposed detection limits for the priority pollutants in the December 3, 1979, Federal Register, and we have reported all priority pollutant concentrations which have exceeded these limits (or their equivalent for solid matrices). In addition, we have permanently stored a complete record of your data on magnetic tape. This includes chromatograms, mass spectra, calibration and quality control data for the organics. Therefore, your original data is readily available for future reference. Should you require additional information from your data base, please contact us at 1/800-334-8525.

In order to expedite data to you, we have forwarded the results for all completed analyses. If you submitted more samples than are included in the enclosed results, the data will be forthcoming upon completion of our final review.

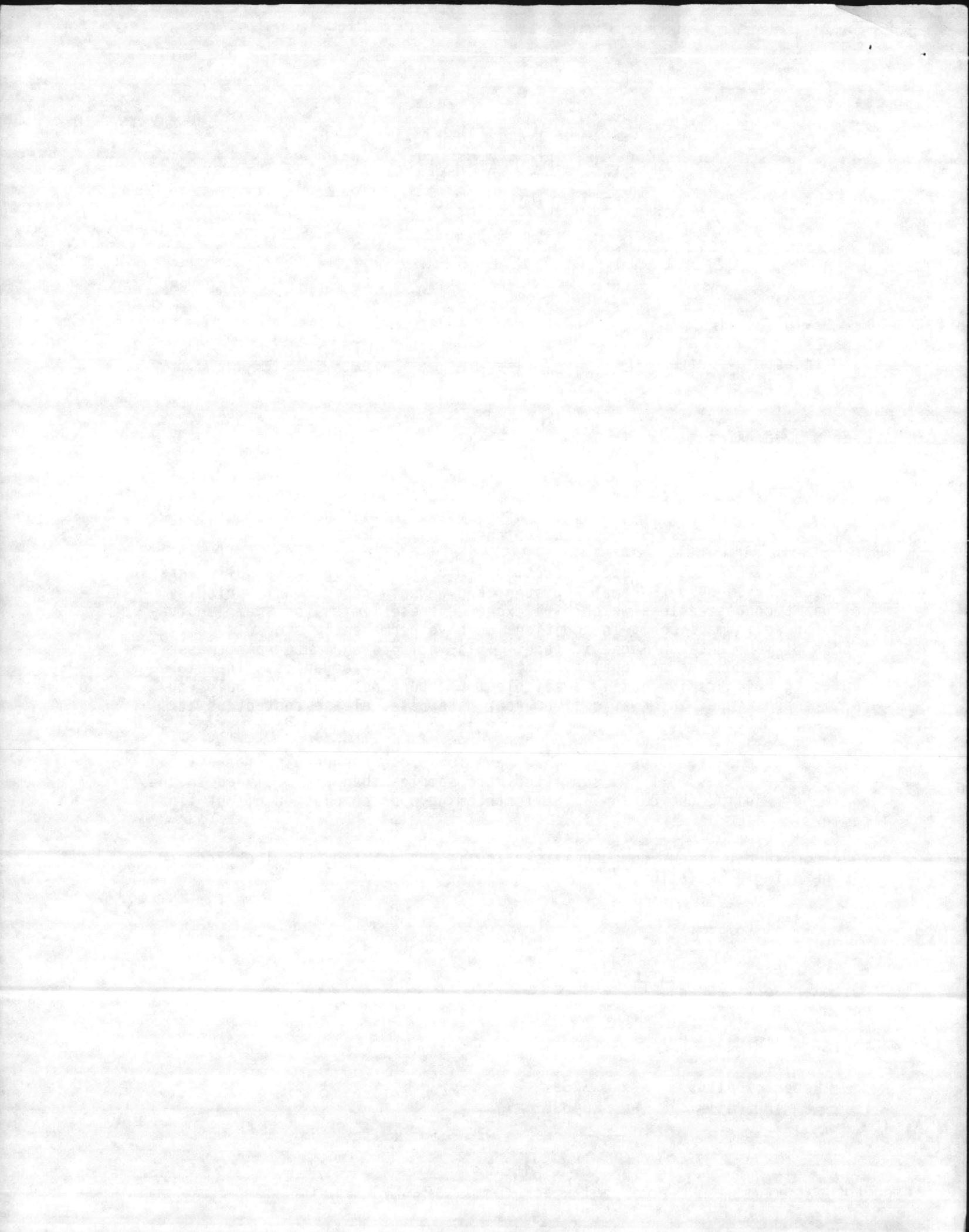
Your confidence in our CompuChem® service is appreciated. We look forward to a continuing association.

Sincerely,

Customer Service Dept.
CompuChem®

Enclosure:

Report: 41145 - 34594
41147 - 34596



DATA REPORT NOTICE

CompuChem employs Methods 624 and 625 for GC/MS analysis of organics in liquid matrices. These methods were proposed on December 3, 1979 by the U.S.E.P.A. in Volume 44 of the Federal Register. These methods were subsequently revised and reissued in July, 1982 as publication EPA-600/4-82-057. The EPA Environmental Monitoring and Support Laboratory (EMSL-Cincinnati) has subsequently issued method modifications which provide for the analysis of solid matrices. These modifications specify changes in the sample preparation procedures.

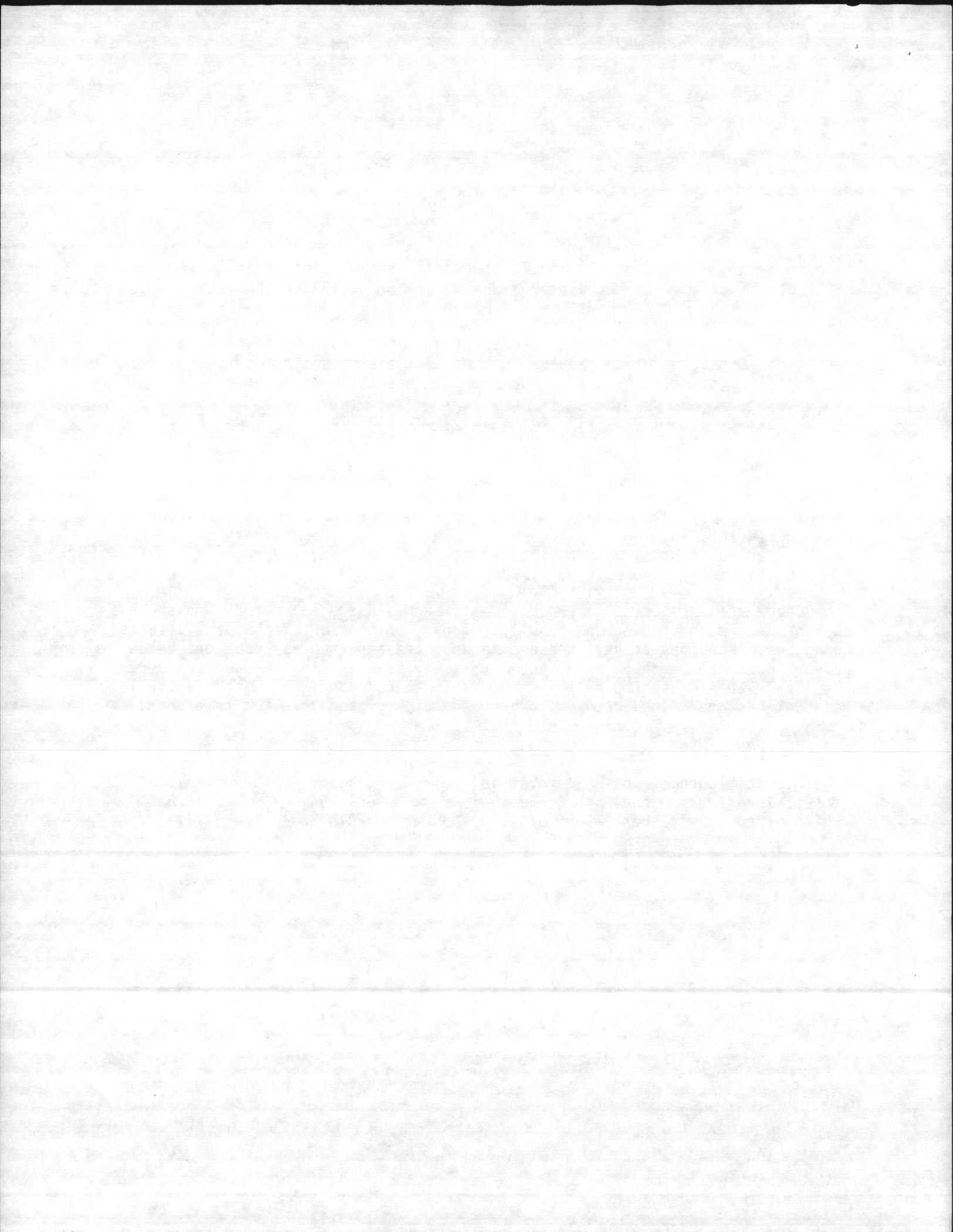
Additionally, for solid samples detection limits and any analytical results reported are based on processing the method specified sample size of as-received material.

The referenced methods are no longer appropriate for several of the original priority pollutant compounds. This is due to either the deletion from the toxic pollutant list (40 CFR Part 401) by EPA or the determination by EPA that the referenced methods may not be optimized for certain compounds (EPA-600/4-82-057) originally incorporated by the methods.

CompuChem® presents these compounds in its sample data report for completeness as many of the government compound list forms continue to display the affected compounds. For consistency, these compounds are reported as "BDL" or "Below Detection Limit" as they are either not likely to exist in the sample or are not likely to be detected by the method. Those compounds which have actually been deleted are listed below with the Federal Register deletion reference.

<u>Compound Name</u>	<u>GC/MS Fraction</u>	<u>Federal Register</u>	<u>Date</u>
Dichlorodifluoromethane	Volatile	46FR2264	1/8/81
*Trichlorofluoromethane	Volatile	46FR2264	1/8/81
Bis(Chloromethyl)Ether	Volatile	46FR10723	2/4/81

*While this compound has been deleted, CompuChem® continues to identify and quantitate for it.



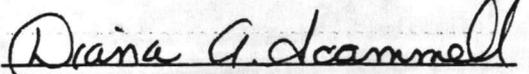
REPORT OF DATA

SAMPLE IDENTIFIER: 41145
41147

COMPUCHEM SAMPLE NUMBER: 34594
34596

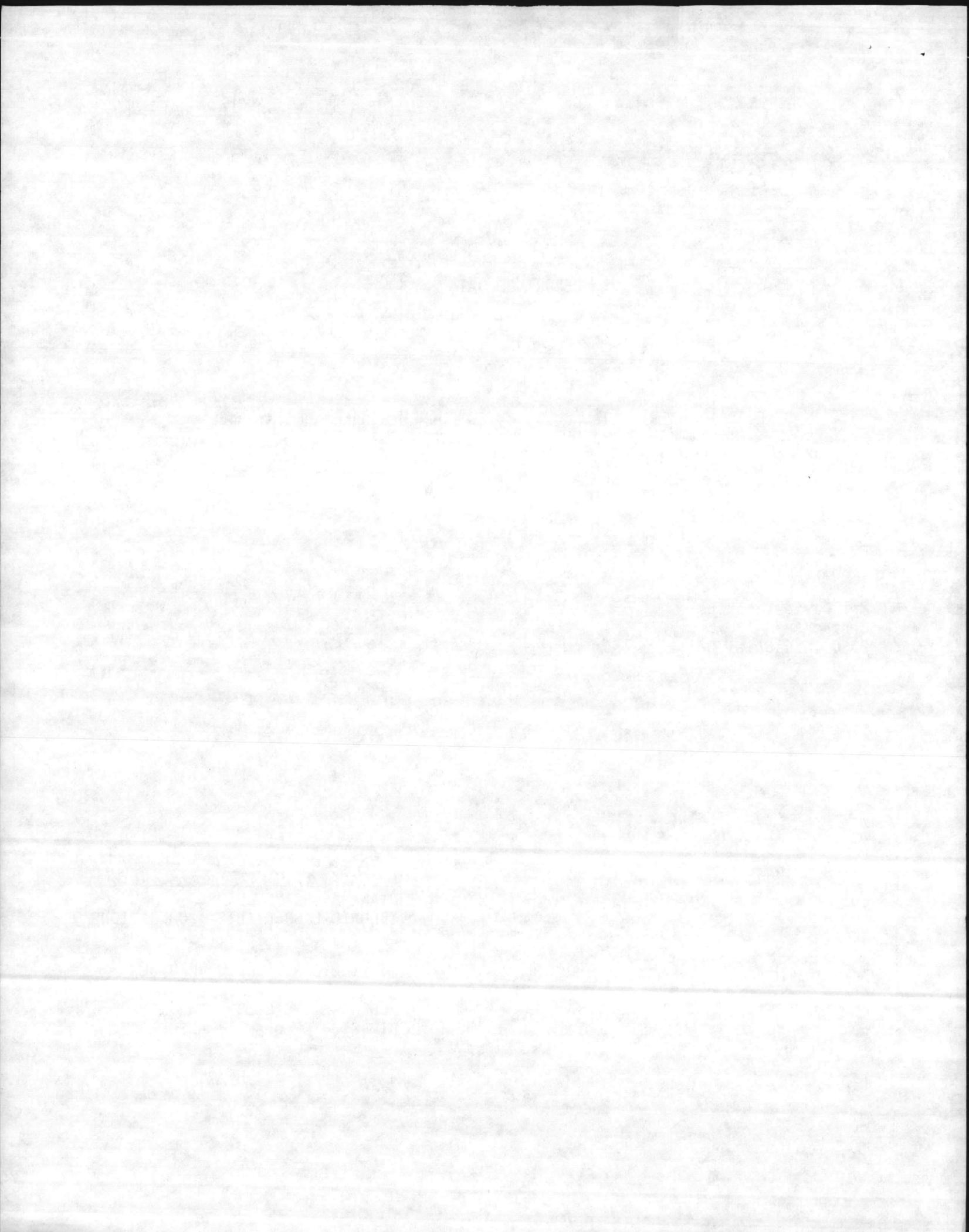
SUBMITTED TO:

Mr. David Tompkins
Centec
2160 Industrial Drive
Salem, VA 24153


DIANA A. SCAMMELL
TECHNICAL SPECIALIST, OPERATIONS

R. L. MYERS, PH.D., PRESIDENT

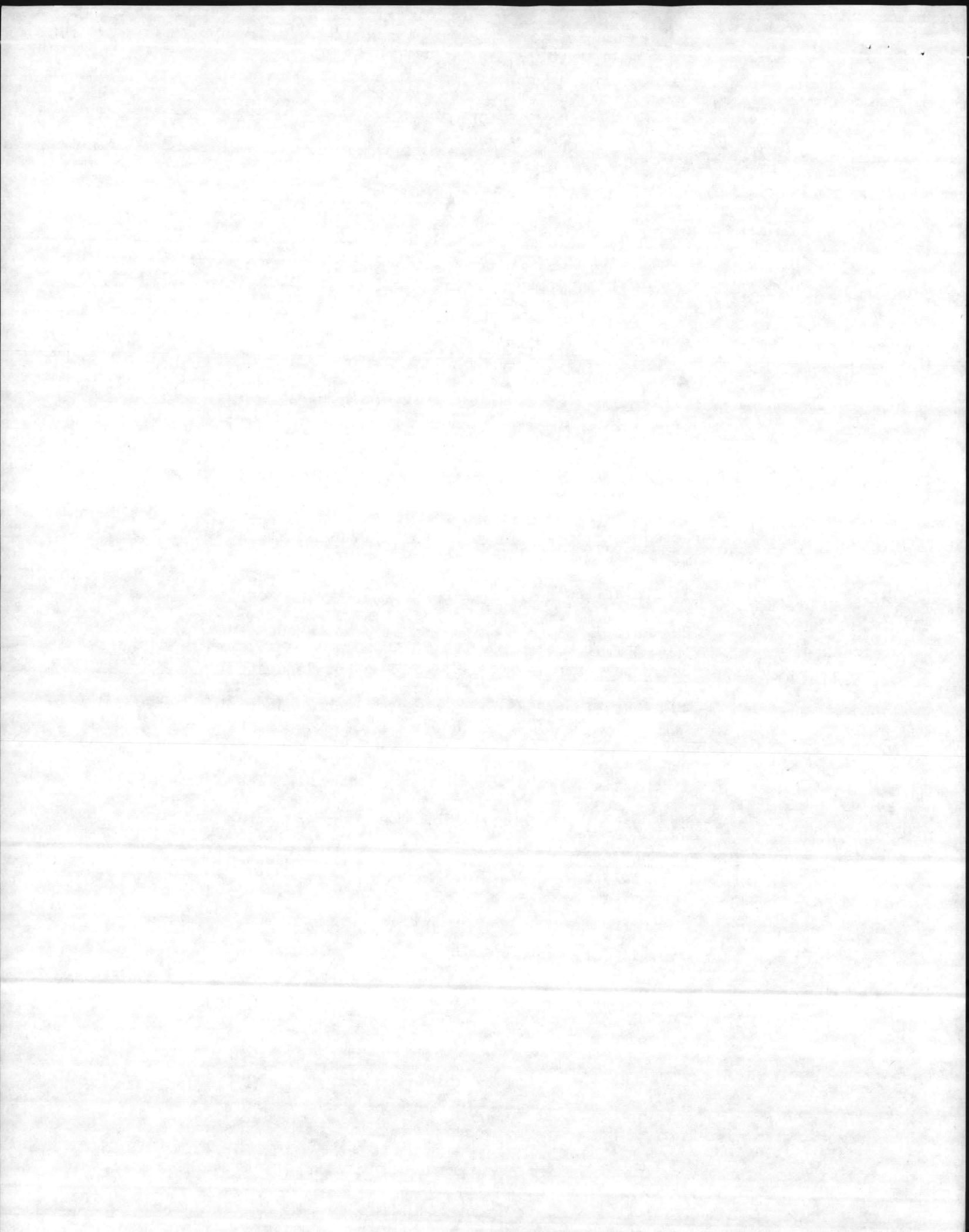
ROBERT E. MEIERER
DIRECTOR OF QUALITY ASSURANCE



LABORATORY CHRONICLE

SAMPLE IDENTIFIER: 41145
COMPUCHEM SAMPLE NUMBER: 34594

	<u>Date</u>
Received/Refrigerated	8-29-84
Organics	
Extracted	Not Required
Analyzed	
1. Volatiles	9-7-84
2. Acid	Not Requested
3. Base/Neutrals	Not Requested
4. Pesticides/PCBS	Not Requested
Inorganics	
1. Metals	Not Requested
2. Cyanide	Not Requested
3. Phenols	Not Requested



COMPOUND LIST

- VOLATILES ORGANICS

SAMPLE IDENTIFIER: 41145
COMPUCHEM SAMPLE NUMBER: 34594

	<u>CONCENTRATION</u> (UG/L)	<u>DETECTION</u> <u>LIMIT</u> (UG/L)
1V. CHLOROMETHANE	BDL	10
2V. VINYL CHLORIDE	BDL	10
3V. CHLOROETHANE	BDL	10
4V. BROMOMETHANE	BDL	10
5V. ACROLEIN	BDL	100
6V. ACRYLONITRILE	BDL	100
7V. METHYLENE CHLORIDE	BDL	10
8V. TRICHLOROFLUOROMETHANE	BDL	10
9V. 1,1-DICHLOROETHYLENE	BDL	10
10V. 1,1-DICHLOROETHANE	BDL	10
11V. TRANS-1,2-DICHLOROETHYLENE	17	10
12V. CHLOROFORM	BDL	10
13V. 1,2-DICHLOROETHANE	BDL	10
14V. 1,1,1-TRICHLOROETHANE	BDL	10
15V. CARBON TETRACHLORIDE	BDL	10
16V. BROMODICHLOROMETHANE	BDL	10
17V. 1,2-DICHLOROPROPANE	BDL	10
18V. TRANS-1,3-DICHLOROPROPENE	BDL	10
19V. TRICHLOROETHYLENE	30	10
20V. BENZENE	BDL	10
21V. CIS-1,3-DICHLOROPROPENE	BDL	10
22V. 1,1,2-TRICHLOROETHANE	BDL	10
23V. DIBROMOCHLOROMETHANE	BDL	10
24V. BROMOFORM	BDL	10
25V. 1,1,2,2-TETRACHLOROETHYLENE	BDL	10
26V. 1,1,2,2-TETRACHLOROETHANE	BDL	10
27V. TOLUENE	BDL	10
28V. CHLOROBENZENE	BDL	10
29V. ETHYLBENZENE	BDL	10
30V. 2-CHLOROETHYL VINYL ETHER	BDL	10
31V. DICHLORODIFLUOROMETHANE†	BDL	
32V. BIS(CHLOROMETHYL)ETHER†	BDL	

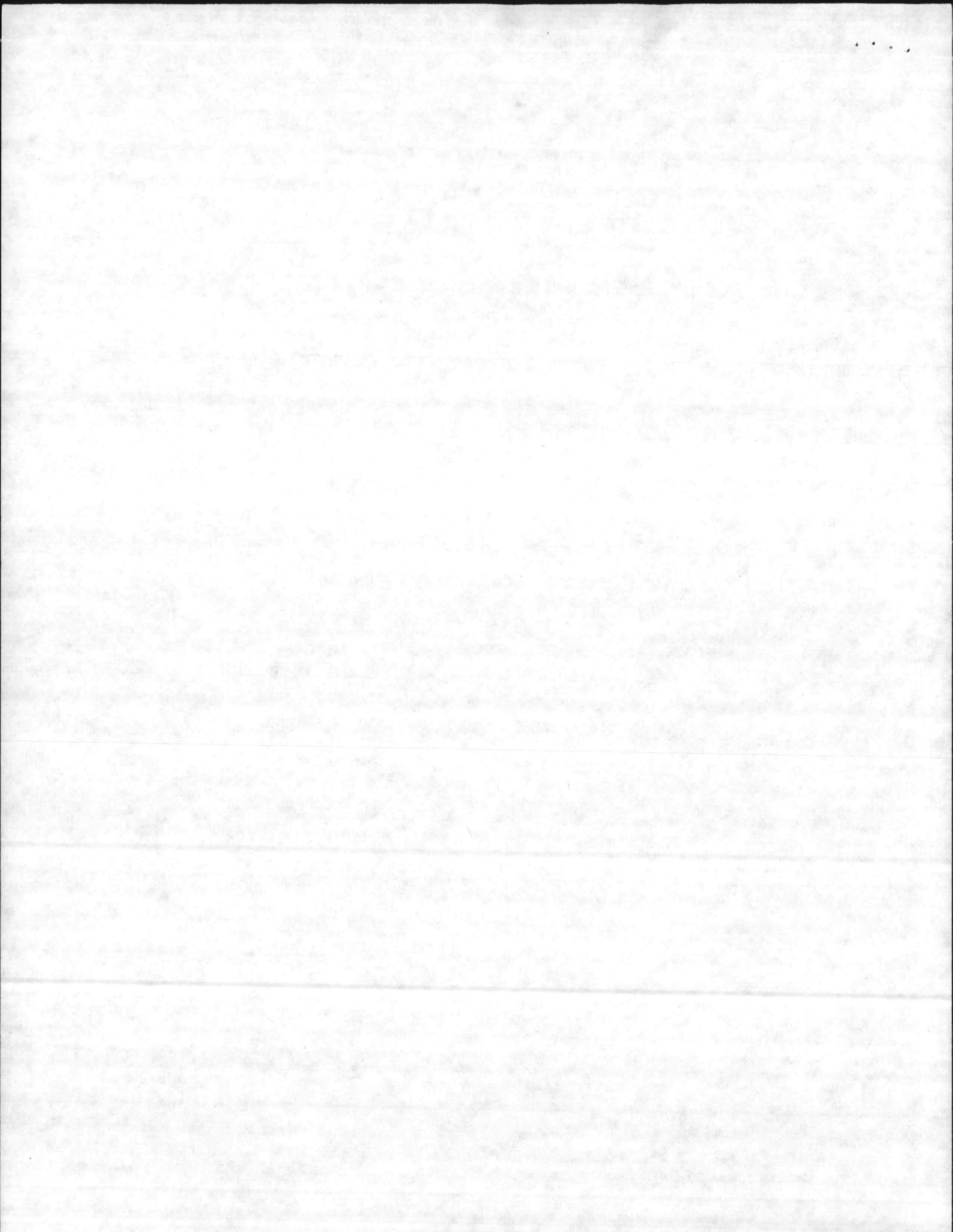
BDL=BELOW DETECTION LIMIT

†See Data Report Notice

LABORATORY CHRONICLE

SAMPLE IDENTIFIER: 41147
COMPUCHEM SAMPLE NUMBER: 34596

	<u>Date</u>
Received/Refrigerated	8-29-84
Organics	
Extracted	Not Required
Analyzed	
1. Volatiles	9-7-84
2. Acid	Not Requested
3. Base/Neutrals	Not Requested
4. Pesticides/PCBS	Not Requested
Inorganics	
1. Metals	Not Requested
2. Cyanide	Not Requested
3. Phenols	Not Requested



COMPOUND LIST

- VOLATILES ORGANICS

SAMPLE IDENTIFIER: 41147
COMPUCHEM SAMPLE NUMBER: 34596

	CONCENTRATION (UG/L)	DETECTION LIMIT (UG/L)
1V. CHLOROMETHANE	BDL	10
2V. VINYL CHLORIDE	BDL	10
3V. CHLOROETHANE	BDL	10
4V. BROMOMETHANE	BDL	10
5V. ACROLEIN	BDL	100
6V. ACRYLONITRILE	BDL	100
7V. METHYLENE CHLORIDE	BDL	10
8V. TRICHLOROFLUOROMETHANE	BDL	10
9V. 1,1-DICHLOROETHYLENE	BDL	10
10V. 1,1-DICHLOROETHANE	BDL	10
11V. TRANS-1,2-DICHLOROETHYLENE	BDL	10
12V. CHLOROFORM	110	10
13V. 1,2-DICHLOROETHANE	BDL	10
14V. 1,1,1-TRICHLOROETHANE	BDL	10
15V. CARBON TETRACHLORIDE	BDL	10
16V. BROMODICHLOROMETHANE	42	10
17V. 1,2-DICHLOROPROPANE	BDL	10
18V. TRANS-1,3-DICHLOROPROPENE	BDL	10
19V. TRICHLOROETHYLENE	BDL	10
20V. BENZENE	BDL	10
21V. CIS-1,3-DICHLOROPROPENE	BDL	10
22V. 1,1,2-TRICHLOROETHANE	BDL	10
23V. DIBROMOCHLOROMETHANE	10	10
24V. BROMOFORM	BDL	10
25V. 1,1,2,2-TETRACHLOROETHYLENE	BDL	10
26V. 1,1,2,2-TETRACHLOROETHANE	BDL	10
27V. TOLUENE	BDL	10
28V. CHLOROBENZENE	BDL	10
29V. ETHYLBENZENE	BDL	10
30V. 2-CHLOROETHYL VINYL ETHER	BDL	10
31V. DICHLORODIFLUOROMETHANE [†]	BDL	
32V. BIS(CHLOROMETHYL)ETHER [†]	BDL	

BDL=BELOW DETECTION LIMIT

[†]See Data Report Notice

27



CENTEC ANALYTICAL SERVICES, INC.
A SUBSIDIARY OF THE CENTEC CORPORATION

P. O. BOX 956
2160 INDUSTRIAL DRIVE
SALEM, VIRGINIA 24153
(703) 387-3995

— ANALYTICAL RESULTS REPORT —

Mr. David Goodwin
Atlantic Division, Code 1143
Naval Facilities Engineering
Command
Norfolk, Virginia 23511

RE: Water Analysis
CAS Commission No. 6094

REPORT DATE/NUMBER: 01 October 1984/325

SAMPLES COLLECTED: 22 August 1984: 0415: 1225: 1325

BY: U. S. Navy Personnel

SAMPLES RECEIVED IN LAB: 24 August 1984: 1130

ANALYSIS FOR: Volatile Organics (VOA)

METHOD OF ANALYSIS: See enclosed data.

CAS No.	Description	VOA
41142	001 Camp Geiger	*
41144	003 Camp Johnson	*
41146	005 Rifle Range	*

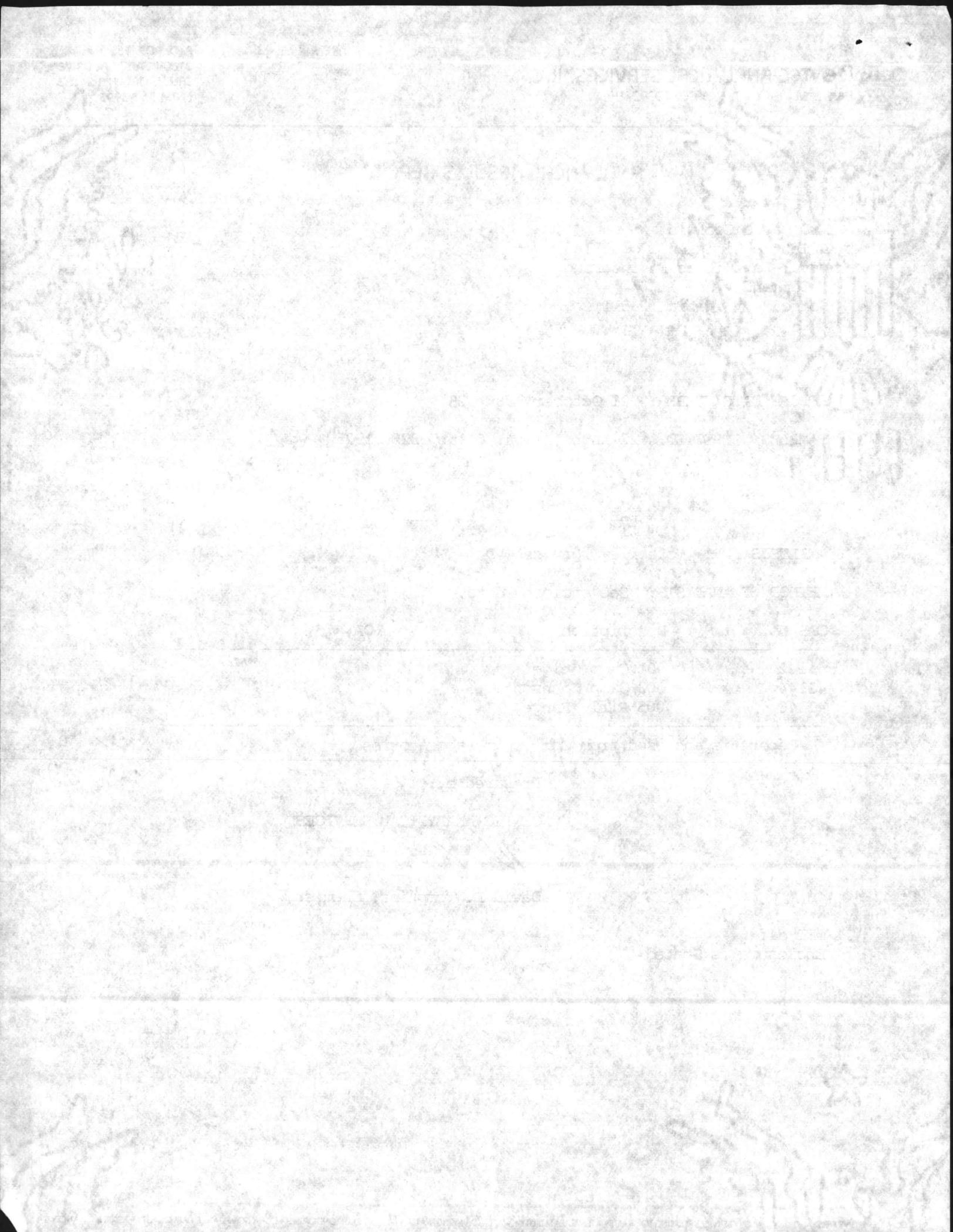
* Report is enclosed from CompuChem Laboratories.

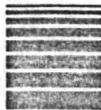
Prepared by:

CENTEC ANALYTICAL SERVICES

David F. Tompkins, Chemist

DFT;dlf
Enclosure as Stated





COMPUCHEM
LABORATORIES

September 19, 1984

Mr. David Tompkins
Centec
2160 Industrial Drive
Salem, VA 24153

Dear Mr. Tompkins:

Thank you for selecting CompuChem® Laboratories for your recent sample analysis. We have completed the analysis that you requested and have enclosed a summary of the CompuChem® data for your review. Additional data details are available for purchase if you require them.

As you know, EPA has proposed detection limits for the priority pollutants in the December 3, 1979, Federal Register, and we have reported all priority pollutant concentrations which have exceeded these limits (or their equivalent for solid matrices). In addition, we have permanently stored a complete record of your data on magnetic tape. This includes chromatograms, mass spectra, calibration and quality control data for the organics. Therefore, your original data is readily available for future reference. Should you require additional information from your data base, please contact us at 1/800-334-8525.

In order to expedite data to you, we have forwarded the results for all completed analyses. If you submitted more samples than are included in the enclosed results, the data will be forthcoming upon completion of our final review.

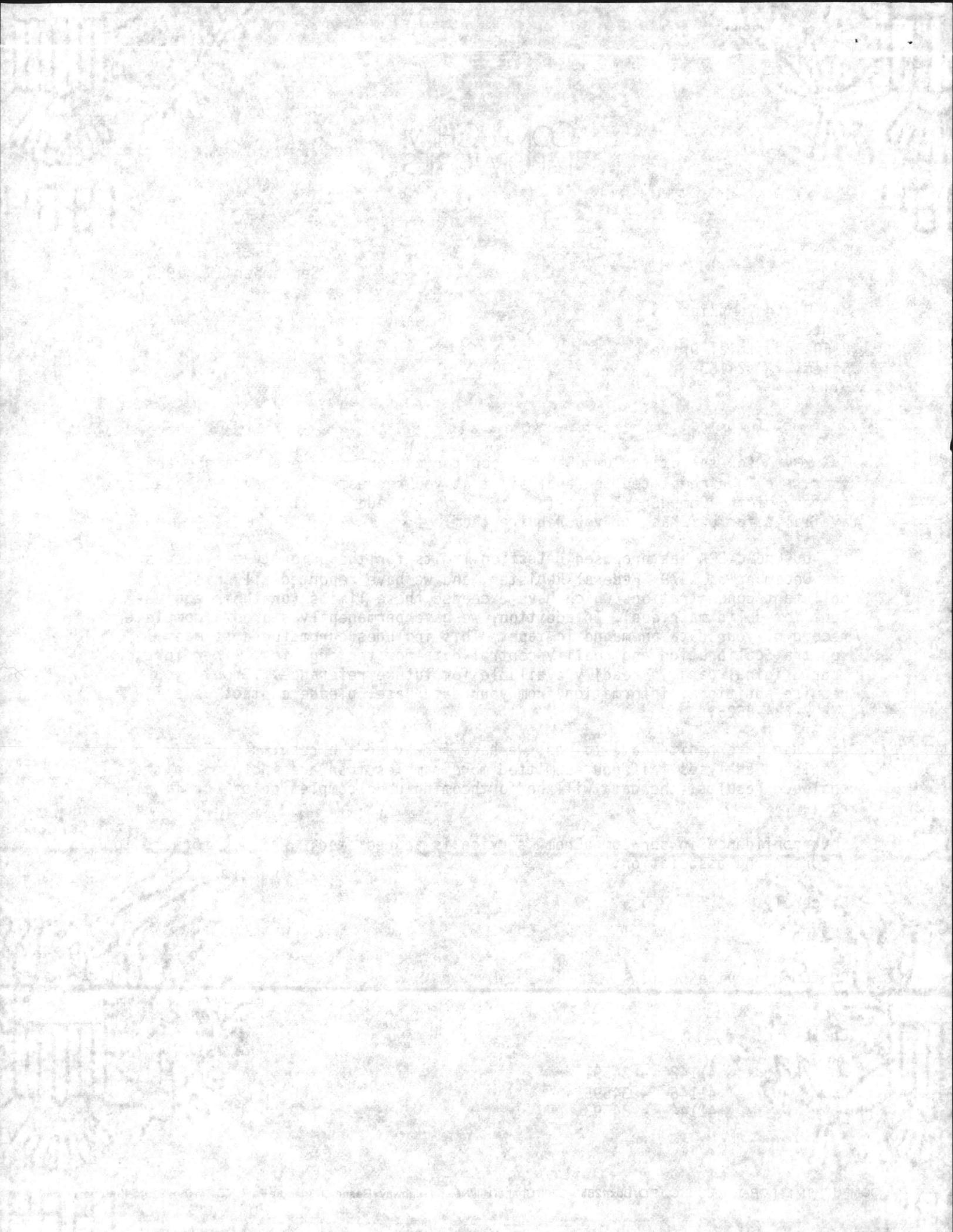
Your confidence in our CompuChem® service is appreciated. We look forward to a continuing association.

Sincerely,

Customer Service Dept.
CompuChem®

Enclosure:

Report: 41142 - 34591
41146 - 34595
41144 - 34593



DATA REPORT NOTICE

CompuChem employs Methods 624 and 625 for GC/MS analysis of organics in liquid matrices. These methods were proposed on December 3, 1979 by the U.S.E.P.A. in Volume 44 of the Federal Register. These methods were subsequently revised and reissued in July, 1982 as publication EPA-600/4-82-057. The EPA Environmental Monitoring and Support Laboratory (EMSL-Cincinnati) has subsequently issued method modifications which provide for the analysis of solid matrices. These modifications specify changes in the sample preparation procedures.

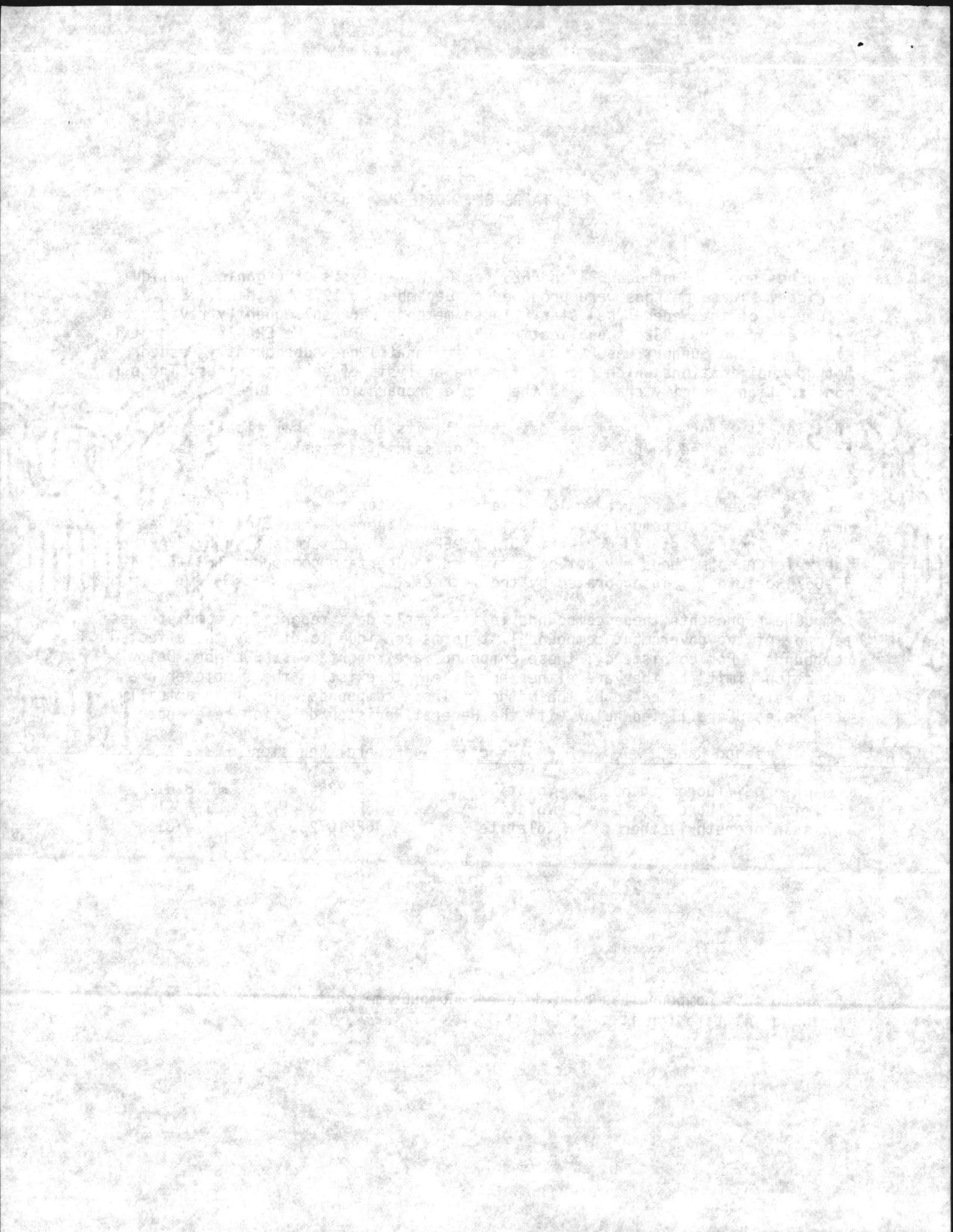
Additionally, for solid samples detection limits and any analytical results reported are based on processing the method specified sample size of as-received material.

The referenced methods are no longer appropriate for several of the original priority pollutant compounds. This is due to either the deletion from the toxic pollutant list (40 CFR Part 401) by EPA or the determination by EPA that the referenced methods may not be optimized for certain compounds (EPA-600/4-82-057) originally incorporated by the methods.

CompuChem® presents these compounds in its sample data report for completeness as many of the government compound list forms continue to display the affected compounds. For consistency, these compounds are reported as "BDL" or "Below Detection Limit" as they are either not likely to exist in the sample or are not likely to be detected by the method. Those compounds which have actually been deleted are listed below with the Federal Register deletion reference.

<u>Compound Name</u>	<u>GC/MS Fraction</u>	<u>Federal Register</u>	<u>Date</u>
Dichlorodifluoromethane	Volatile	46FR2264	1/8/81
*Trichlorofluoromethane	Volatile	46FR2264	1/8/81
Bis(Chloromethyl)Ether	Volatile	46FR10723	2/4/81

*While this compound has been deleted, CompuChem® continues to identify and quantitate for it.



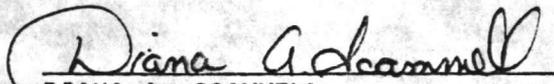
REPORT OF DATA

SAMPLE IDENTIFIER: 41142
41146
41144

COMPUCHEM SAMPLE NUMBER: 34591 *CG*
34595 *RR*
34593 *CS*

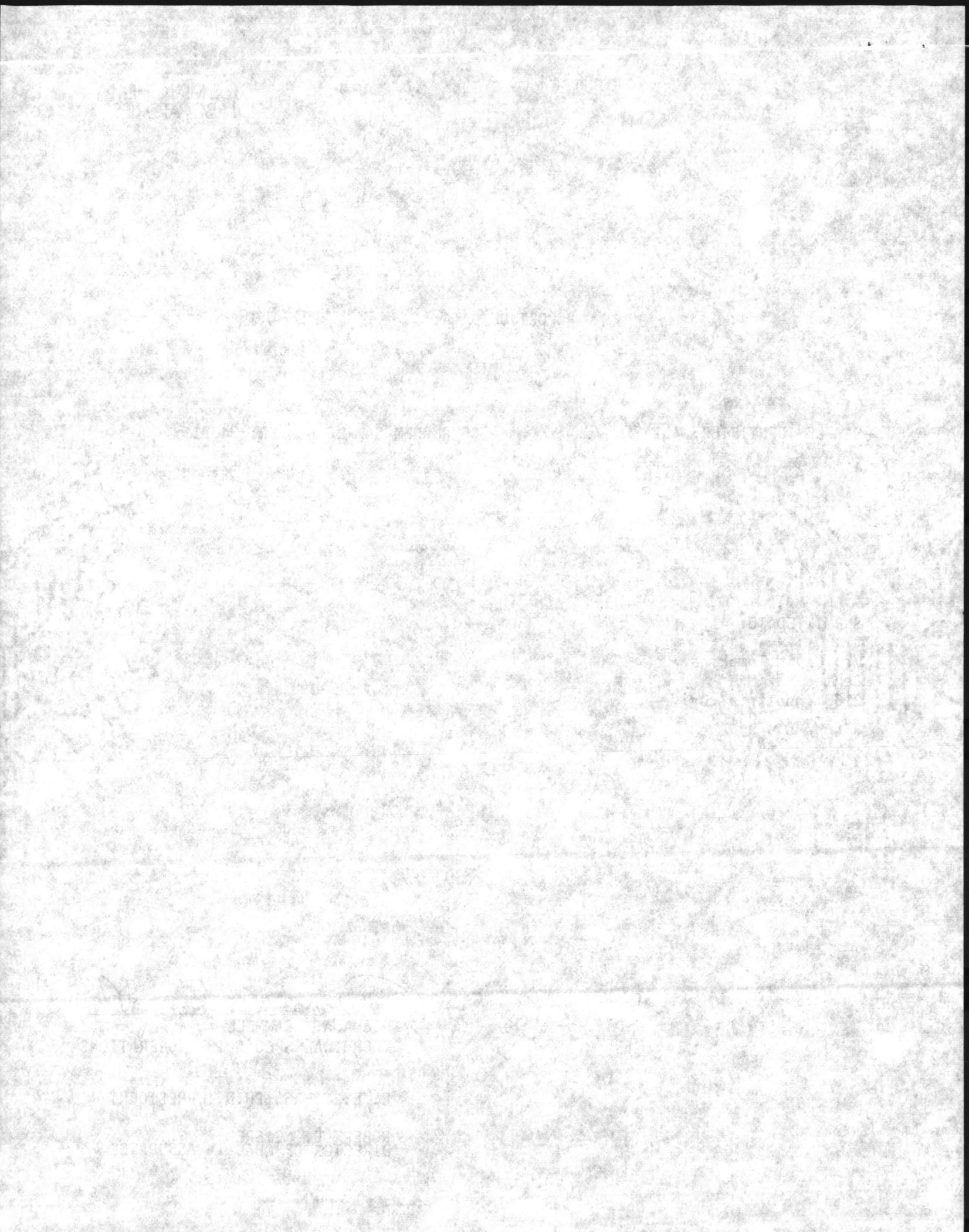
SUBMITTED TO:

Mr. David Tompkins
Centec
2160 Industrial Drive
Salem, VA 24153


DIANA A. SCAMMELL
TECHNICAL SPECIALIST, OPERATIONS

R. L. MYERS, PH.D., PRESIDENT

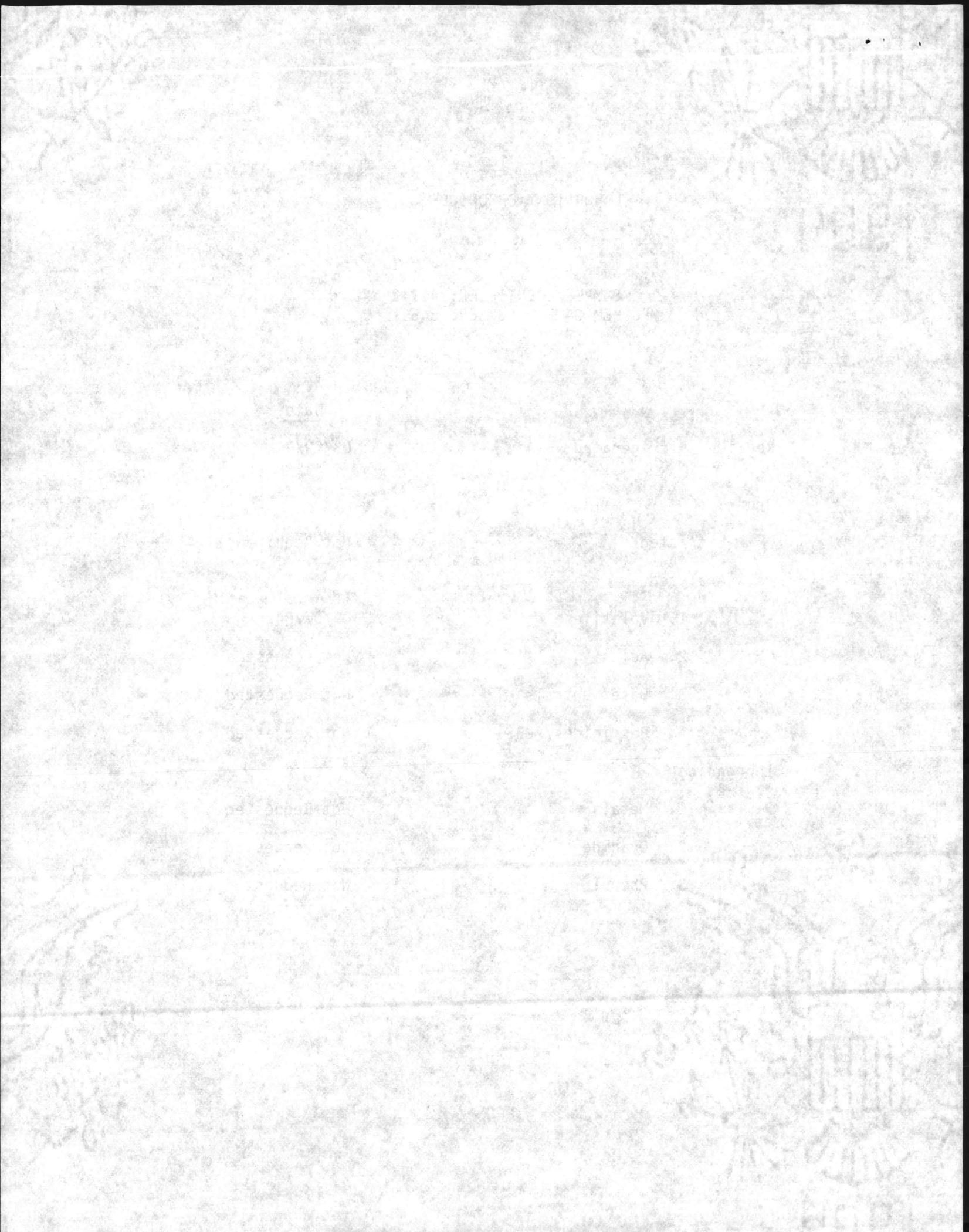
ROBERT E. MEIERER
DIRECTOR OF QUALITY ASSURANCE



LABORATORY CHRONICLE

SAMPLE IDENTIFIER: 41142
COMPUCHEM SAMPLE NUMBER: 34591

	<u>Date</u>
Received/Refrigerated	08/29/84
Organics	
Extracted	Not Required
Analyzed	
1. Volatiles	09/07/84
2. Acids	Not Requested
3. Base/Neutrals	Not Requested
4. Pesticides/PCBS	Not Requested
Inorganics	
1. Metals	Not Requested
2. Cyanide	Not Requested
3. Phenol	Not Requested



COMPOUND LIST

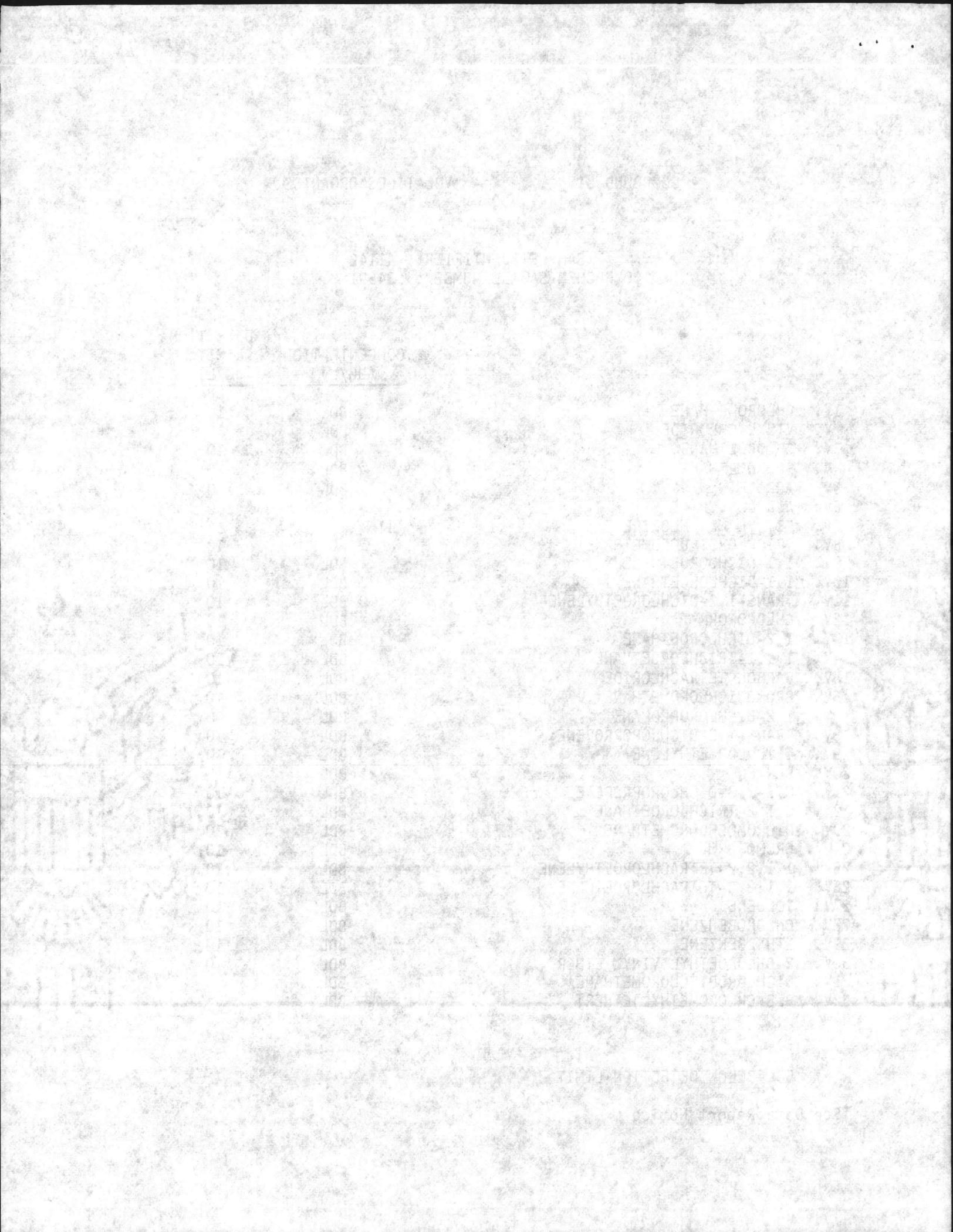
- VOLATILES ORGANICS

SAMPLE IDENTIFIER: 41142
COMPUCHEM SAMPLE NUMBER: 34591

	<u>CONCENTRATION (UG/L)</u>	<u>DETECTION LIMIT (UG/L)</u>
1V. CHLOROMETHANE	BDL	10
2V. VINYL CHLORIDE	BDL	10
3V. CHLOROETHANE	BDL	10
4V. BROMOMETHANE	BDL	10
5V. ACROLEIN	BDL	100
6V. ACRYLONITRILE	BDL	100
7V. METHYLENE CHLORIDE	11	10
8V. TRICHLOROFLUOROMETHANE	BDL	10
9V. 1,1-DICHLOROETHYLENE	BDL	10
10V. 1,1-DICHLOROETHANE	BDL	10
11V. TRANS-1,2-DICHLOROETHYLENE	BDL	10
12V. CHLOROFORM	BDL	10
13V. 1,2-DICHLOROETHANE	BDL	10
14V. 1,1,1-TRICHLOROETHANE	BDL	10
15V. CARBON TETRACHLORIDE	BDL	10
16V. BROMODICHLOROMETHANE	BDL	10
17V. 1,2-DICHLOROPROPANE	BDL	10
18V. TRANS-1,3-DICHLOROPROPENE	BDL	10
19V. TRICHLOROETHYLENE	BDL	10
20V. BENZENE	BDL	10
21V. CIS-1,3-DICHLOROPROPENE	BDL	10
22V. 1,1,2-TRICHLOROETHANE	BDL	10
23V. DIBROMOCHLOROMETHANE	BDL	10
24V. BROMOFORM	BDL	10
25V. 1,1,2,2-TETRACHLOROETHYLENE	BDL	10
26V. 1,1,2,2-TETRACHLOROETHANE	BDL	10
27V. TOLUENE	BDL	10
28V. CHLOROBENZENE	BDL	10
29V. ETHYLBENZENE	BDL	10
30V. 2-CHLOROETHYL VINYL ETHER	BDL	10
31V. DICHLORODIFLUOROMETHANE†	BDL	
32V. BIS(CHLOROMETHYL)ETHER†	BDL	

BDL=BELOW DETECTION LIMIT

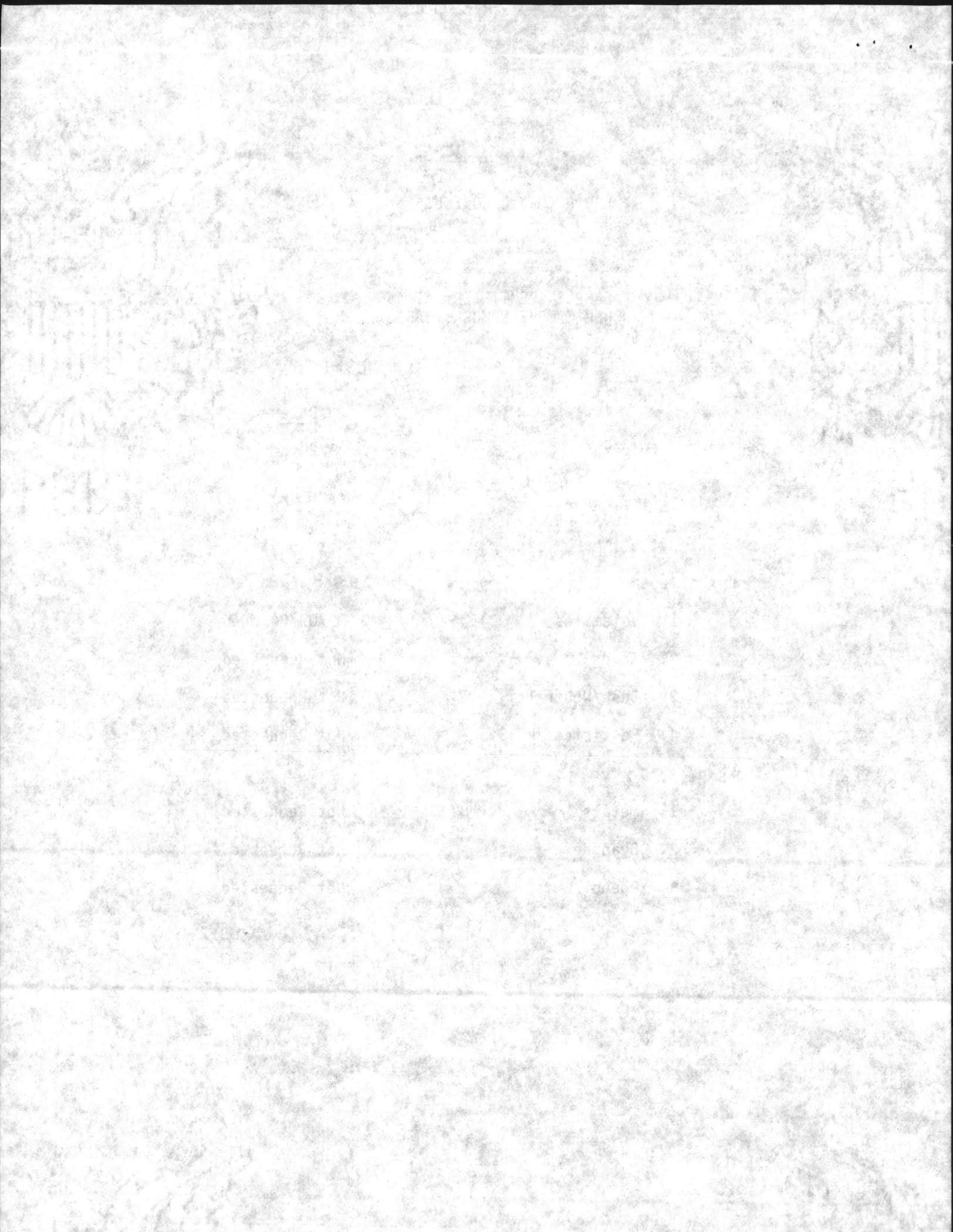
†See Data Report Notice



LABORATORY CHRONICLE

SAMPLE IDENTIFIER: 41144
COMPUCHEM SAMPLE NUMBER: 34593

	<u>Date</u>
Received/Refrigerated	08/29/84
Organics	
Extracted	Not Requested
Analyzed	
1. Volatiles	09/07/84
2. Acids	Not Requested
3. Base/Neutrals	Not Requested
4. Pesticides/PCBS	Not Requested
Inorganics	
1. Metals	Not Requested
2. Cyanide	Not Requested
3. Phenol	Not Requested



COMPOUND LIST

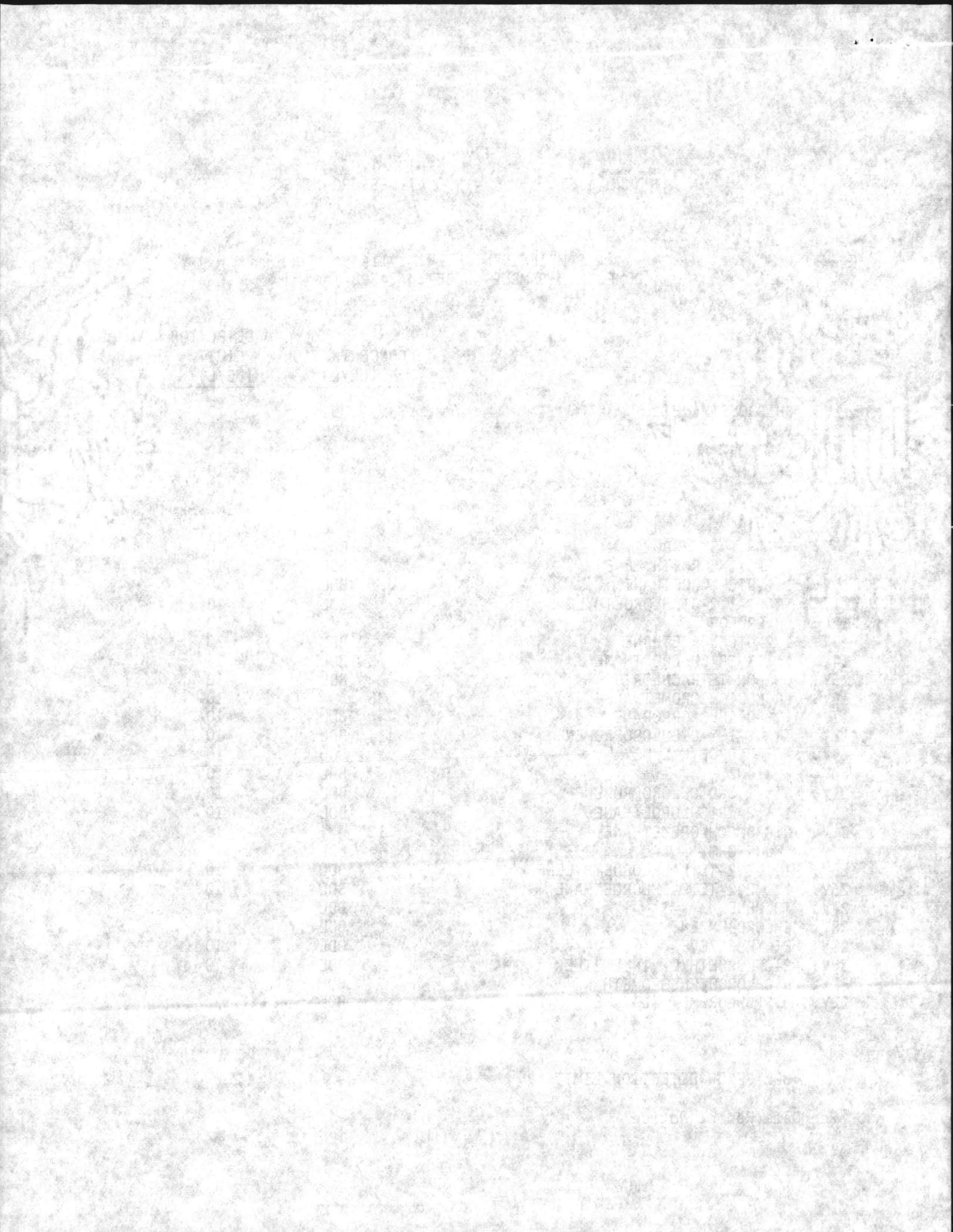
- VOLATILES ORGANICS

SAMPLE IDENTIFIER: 41144
 COMPUCHEM SAMPLE NUMBER: 34593

	CONCENTRATION (UG/L)	DETECTION LIMIT (UG/L)
1V. CHLOROMETHANE	BDL	10
2V. VINYL CHLORIDE	BDL	10
3V. CHLOROETHANE	BDL	10
4V. BROMOMETHANE	BDL	10
5V. ACROLEIN	BDL	100
6V. ACRYLONITRILE	BDL	100
7V. METHYLENE CHLORIDE	BDL	10
8V. TRICHLOROFLUOROMETHANE	BDL	10
9V. 1,1-DICHLOROETHYLENE	BDL	10
10V. 1,1-DICHLOROETHANE	BDL	10
11V. TRANS-1,2-DICHLOROETHYLENE	BDL	10
12V. CHLOROFORM	76	10
13V. 1,2-DICHLOROETHANE	BDL	10
14V. 1,1,1-TRICHLOROETHANE	BDL	10
15V. CARBON TETRACHLORIDE	BDL	10
16V. BROMODICHLOROMETHANE	35	10
17V. 1,2-DICHLOROPROPANE	BDL	10
18V. TRANS-1,3-DICHLOROPROPENE	BDL	10
19V. TRICHLOROETHYLENE	BDL	10
20V. BENZENE	BDL	10
21V. CIS-1,3-DICHLOROPROPENE	BDL	10
22V. 1,1,2-TRICHLOROETHANE	BDL	10
23V. DIBROMOCHLOROMETHANE	12	10
24V. BROMOFORM	BDL	10
25V. 1,1,2,2-TETRACHLOROETHYLENE	BDL	10
26V. 1,1,2,2-TETRACHLOROETHANE	BDL	10
27V. TOLUENE	BDL	10
28V. CHLOROBENZENE	BDL	10
29V. ETHYLBENZENE	BDL	10
30V. 2-CHLOROETHYL VINYL ETHER	BDL	10
31V. DICHLORODIFLUOROMETHANE†	BDL	
32V. BIS(CHLOROMETHYL)ETHER†	BDL	

BDL=BELOW DETECTION LIMIT

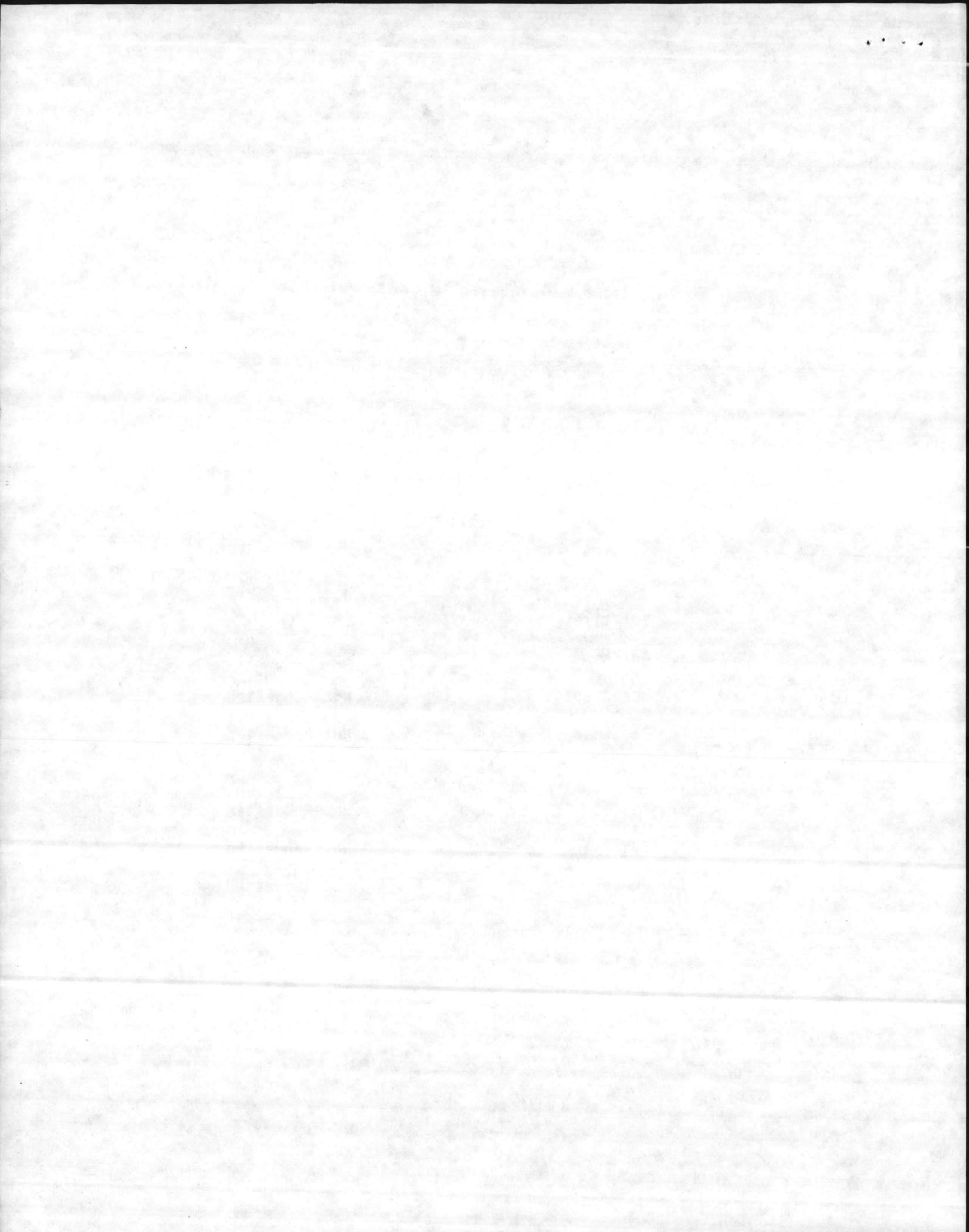
†See Data Report Notice



LABORATORY CHRONICLE

SAMPLE IDENTIFIER: 41146
COMPUCHEM SAMPLE NUMBER: 34595

	<u>Date</u>
Received/Refrigerated	08/29/84
Organics	
Extracted	Not Requested
Analyzed	
1. Volatiles	09/07/84
2. Acids	Not Requested
3. Base/Neutrals	Not Requested
4. Pesticides/PCBS	Not Requested
Inorganics	
1. Metals	Not Requested
2. Cyanide	Not Requested
3. Phenol	Not Requested



COMPOUND LIST

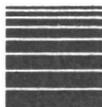
- VOLATILES ORGANICS

SAMPLE IDENTIFIER: 41146
 COMPUCHEM SAMPLE NUMBER: 34595

	CONCENTRATION (UG/L)	DETECTION LIMIT (UG/L)
1V. CHLOROMETHANE	BDL	10
2V. VINYL CHLORIDE	BDL	10
3V. CHLOROETHANE	BDL	10
4V. BROMOMETHANE	BDL	10
5V. ACROLEIN	BDL	100
6V. ACRYLONITRILE	BDL	100
7V. METHYLENE CHLORIDE	BDL	10
8V. TRICHLOROFLUOROMETHANE	BDL	10
9V. 1,1-DICHLOROETHYLENE	BDL	10
10V. 1,1-DICHLOROETHANE	BDL	10
11V. TRANS-1,2-DICHLOROETHYLENE	BDL	10
12V. CHLOROFORM	110	10
13V. 1,2-DICHLOROETHANE	BDL	10
14V. 1,1,1-TRICHLOROETHANE	BDL	10
15V. CARBON TETRACHLORIDE	BDL	10
16V. BROMODICHLOROMETHANE	22	10
17V. 1,2-DICHLOROPROPANE	BDL	10
18V. TRANS-1,3-DICHLOROPROPENE	BDL	10
19V. TRICHLOROETHYLENE	BDL	10
20V. BENZENE	BDL	10
21V. CIS-1,3-DICHLOROPROPENE	BDL	10
22V. 1,1,2-TRICHLOROETHANE	BDL	10
23V. DIBROMOCHLOROMETHANE	BDL	10
24V. BROMOFORM	BDL	10
25V. 1,1,2,2-TETRACHLOROETHYLENE	BDL	10
26V. 1,1,2,2-TETRACHLOROETHANE	BDL	10
27V. TOLUENE	BDL	10
28V. CHLOROBENZENE	BDL	10
29V. ETHYLBENZENE	BDL	10
30V. 2-CHLOROETHYL VINYL ETHER	BDL	10
31V. DICHLORODIFLUOROMETHANE†	BDL	
32V. BIS(CHLOROMETHYL)ETHER†	BDL	

BDL=BELOW DETECTION LIMIT

†See Data Report Notice



COMPUCHEM
LABORATORIES

November 15, 1984

Ms. Cheryl Daniel
Centec
2160 Industrial Drive
Salem, VA 24153

Dear Ms. Daniel:

Thank you for selecting CompuChem® Laboratories for your recent sample analysis. We have completed the analysis that you requested and have enclosed a summary of the CompuChem® data for your review. Additional data details are available for purchase if you require them.

As you know, EPA has proposed detection limits for the priority pollutants in the December 3, 1979, Federal Register, and we have reported all priority pollutant concentrations which have exceeded these limits (or their equivalent for solid matrices). In addition, we have permanently stored a complete record of your data on magnetic tape. This includes chromatograms, mass spectra, calibration and quality control data for the organics. Therefore, your original data is readily available for future reference. Should you require additional information from your data base, please contact us at 1/800-334-8525.

In order to expedite data to you, we have forwarded the results for all completed analyses. If you submitted more samples than are included in the enclosed results, the data will be forthcoming upon completion of our final review.

Your confidence in our CompuChem® service is appreciated. We look forward to a continuing association.

Sincerely,

Mary Mitchell for

Pamela S. Carrington
Manager, Report Preparation

Enclosure:

Report: 41149 - 37232 *CAMP GEIGER*



STRAIT LABORATORIES COMPANY

SECTION NUMBER 124

Faint, illegible text lines, possibly a header or introductory paragraph.

Faint, illegible text lines, possibly a paragraph of descriptive text.

Faint, illegible text lines, possibly a paragraph of descriptive text.

Faint, illegible text lines, possibly a paragraph of descriptive text.

Faint, illegible text lines, possibly a paragraph of descriptive text.

Faint, illegible text lines, possibly a paragraph of descriptive text.

Faint, illegible text lines, possibly a paragraph of descriptive text.

DATA REPORT NOTICE

CompuChem employs Methods 624 and 625 for GC/MS analysis of organics in liquid matrices. These methods were proposed on December 3, 1979 by the U.S.E.P.A. in Volume 44 of the Federal Register. These methods were subsequently revised and reissued in July, 1982 as publication EPA-600/4-82-057. The EPA Environmental Monitoring and Support Laboratory (EMSL-Cincinnati) has subsequently issued method modifications which provide for the analysis of solid matrices. These modifications specify changes in the sample preparation procedures.

Additionally, for solid samples detection limits and any analytical results reported are based on processing the method specified sample size of as-received material.

The referenced methods are no longer appropriate for several of the original priority pollutant compounds. This is due to either the deletion from the toxic pollutant list (40 CFR Part 401) by EPA or the determination by EPA that the referenced methods may not be optimized for certain compounds (EPA-600/4-82-057) originally incorporated by the methods.

CompuChem® presents these compounds in its sample data report for completeness as many of the government compound list forms continue to display the affected compounds. For consistency, these compounds are reported as "BDL" or "Below Detection Limit" as they are either not likely to exist in the sample or are not likely to be detected by the method. Those compounds which have actually been deleted are listed below with the Federal Register deletion reference.

<u>Compound Name</u>	<u>GC/MS Fraction</u>	<u>Federal Register</u>	<u>Date</u>
Dichlorodifluoromethane	Volatile	46FR2264	1/8/81
*Trichlorofluoromethane	Volatile	46FR2264	1/8/81
Bis(Chloromethyl)Ether	Volatile	46FR10723	2/4/81

*While this compound has been deleted, CompuChem® continues to identify and quantitate for it.

NOTICE

Public Hearing

Background: The Federal Register is published daily, in triplicate, except on Saturdays, Sundays, and public holidays. The first issue is published on Monday, October 7, 1979, in the U.S. Government Printing Office, Washington, D.C. 20540. The first issue is published on Monday, October 7, 1979, in the U.S. Government Printing Office, Washington, D.C. 20540.

A public hearing will be held on October 15, 1979, at 10:00 a.m. in Room 3527, Federal Building, 1000 Vermont Avenue, N.W., Washington, D.C. 20005. The hearing will be held on October 15, 1979, at 10:00 a.m. in Room 3527, Federal Building, 1000 Vermont Avenue, N.W., Washington, D.C. 20005.

The purpose of the hearing is to receive comments on the proposed rule. The hearing will be held on October 15, 1979, at 10:00 a.m. in Room 3527, Federal Building, 1000 Vermont Avenue, N.W., Washington, D.C. 20005. The hearing will be held on October 15, 1979, at 10:00 a.m. in Room 3527, Federal Building, 1000 Vermont Avenue, N.W., Washington, D.C. 20005.

Comments should be submitted to the Federal Register Commission, 1000 Vermont Avenue, N.W., Washington, D.C. 20005. Comments should be submitted to the Federal Register Commission, 1000 Vermont Avenue, N.W., Washington, D.C. 20005.

1000 Vermont Avenue, N.W.	Washington, D.C. 20005	Telephone: (202) 455-7000	Teletype: (202) 455-7000
1000 Vermont Avenue, N.W.	Washington, D.C. 20005	Telephone: (202) 455-7000	Teletype: (202) 455-7000
1000 Vermont Avenue, N.W.	Washington, D.C. 20005	Telephone: (202) 455-7000	Teletype: (202) 455-7000



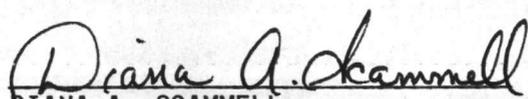
REPORT OF DATA

SAMPLE IDENTIFIER: 41149

COMPUCHEM SAMPLE NUMBER: 37232

SUBMITTED TO:

Ms. Cheryl Daniel
Centec
2160 Industrial Drive
Salem, VA 24153


DIANA A. SCAMMELL
TECHNICAL SPECIALIST, OPERATIONS

R. L. MYERS, PH.D., PRESIDENT

ROBERT E. MEIERER
DIRECTOR OF QUALITY ASSURANCE

STRAIGHT RAMPAGE BOND

COMMERCIAL FIBER USA

STRAIGHT RAMPAGE BOND

LABORATORY CHRONICLE

SAMPLE IDENTIFIER: 41149
COMPUCHEM SAMPLE NUMBER: 37232

	<u>Date</u>
Received/Refrigerated	10/24/84
Organics	
Extracted	10/25/84
Analyzed	
1. Volatiles	Not Requested
2. Acids	10/31/84
3. Base/Neutrals	10/31/84
4. Pesticides/PCBS	10/31/84
Inorganics	
1. Metals	Not Requested
2. Cyanide	Not Requested
3. Phenol	Not Requested

LAPORATORY CHRONICLE

LABORATORY CHRONICLE
NO. 1000

Date

1933

1933

1933

1933

1933

1933

1933

1933

1933

1933

1933

1933

1933

1933

1933

1933

1933

1933

1933

1933

1933

COMPOUND LIST

--

ACID EXTRACTABLE ORGANICS

SAMPLE IDENTIFIER: 41149
COMPUCHEM SAMPLE NUMBER: 37232

	CONCENTRATION (UG/L)	DETECTION* LIMIT (UG/L)
1A. PHENOL	BDL	325
2A. 2-CHLOROPHENOL	BDL	325
3A. 2-NITROPHENOL	BDL	325
4A. 2,4-DIMETHYLPHENOL	BDL	325
5A. 2,4-DICHLOROPHENOL	BDL	325
6A. P-CHLORO-M-CRESOL	BDL	325
7A. 2,4,6-TRICHLOROPHENOL	BDL	325
8A. 2,4-DINITROPHENOL	BDL	3250
9A. 4-NITROPHENOL	BDL	325
10A. 4,6-DINITRO-O-CRESOL	BDL	3250
11A. PENTACHLOROPHENOL	BDL	325

BDL=BELOW DETECTION LIMIT

*Detection limits raised due to less than required amount of sample available for extraction.

COMPOUND LIST: ACID EXTRACTABLE COMPONENTS

CORRECTED SAMPLE NUMBER: 1723
 SAMPLE IDENTIFIER: 2113

DETECTION LIMIT (UG/L)	CONCENTRATION (UG/L)	NAME	CLASS
352	352	PENTACHLOROPHENOL	PAH
302	302	4-tert-butylphenol	PAH
352	352	4-ethylphenol	PAH
352	352	2,4-dinitrophenol	PAH
352	352	2,6-dinitrophenol	PAH
352	352	2,4,6-trinitrophenol	PAH
352	352	2-nitrophenol	PAH
352	352	4-nitrophenol	PAH
352	352	2-chlorophenol	PAH
352	352	4-chlorophenol	PAH
352	352	2-methylphenol	PAH
352	352	4-methylphenol	PAH
352	352	2,4-dimethylphenol	PAH
352	352	2,6-dimethylphenol	PAH
352	352	2,4,6-trimethylphenol	PAH
352	352	2,4-dinitrophenol	PAH
352	352	2,6-dinitrophenol	PAH
352	352	2,4,6-trinitrophenol	PAH
352	352	2-nitrophenol	PAH
352	352	4-nitrophenol	PAH
352	352	2-chlorophenol	PAH
352	352	4-chlorophenol	PAH
352	352	2-methylphenol	PAH
352	352	4-methylphenol	PAH
352	352	2,4-dimethylphenol	PAH
352	352	2,6-dimethylphenol	PAH
352	352	2,4,6-trimethylphenol	PAH

ND=BELOW DETECTION LIMIT
 Detection limit raised to less than reported amount of 2 ng/g
 and 10 ng extraction

COMPOUND LIST -- BASE-NEUTRAL EXTRACTABLE ORGANICS

SAMPLE IDENTIFIER: 41149
 COMPUCHEM SAMPLE NUMBER: 37232

	CONCENTRATION (UG/L)	DETECTION* LIMIT (UG/L)
1B. N-NITROSODIMETHYLAMINE	BDL	130
2B. BIS (2-CHLOROETHYL) ETHER	BDL	130
3B. 1,3-DICHLOROBENZENE	BDL	130
4B. 1,4-DICHLOROBENZENE	BDL	130
5B. 1,2-DICHLOROBENZENE	BDL	130
6B. BIS (2-CHLOROISOPROPYL) ETHER	BDL	130
7B. HEXACHLOROETHANE	BDL	130
8B. N-NITROSODI-N-PROPYLAMINE	BDL	130
9B. NITROBENZENE	BDL	130
10B. ISOPHORONE	BDL	130
11B. BIS(2-CHLOROETHOXY) METHANE	BDL	130
12B. 1,2,4-TRICHLOROBENZENE	BDL	130
13B. NAPHTHALENE	BDL	130
14B. HEXACHLOROBUTADIENE	BDL	130
15B. HEXACHLOROCYCLOPENTADIENE	BDL	130
16B. 2-CHLORONAPHTHALENE	BDL	130
17B. DIMETHYLPHTHALATE	BDL	130
18B. ACENAPHTHYLENE	BDL	130
19B. 2,6-DINITROTOLUENE	BDL	130
20B. ACENAPHTHENE	BDL	130
21B. 2,4-DINITROTOLUENE	BDL	130
22B. DIETHYLPHTHALATE	BDL	130
23B. FLUORENE	BDL	130
24B. 4-CHLOROPHENYL PHENYL ETHER	BDL	130
25B. DIPHENYLAMINE (N-NITROSO)	BDL	130
26B. 1,2-DIPHENYLHYDRAZINE (AZOBENZENE)	BDL	130
27B. 4-BROMOPHENYL PHENYL ETHER	BDL	130
28B. HEXACHLOROBENZENE	BDL	130

(Continued)

BDL=BELOW DETECTION LIMIT

*Detection limits raised due to less than required amount of sample available for extraction.

COMPOUND LIST -- BASE-NEUTRAL EXTRACTABLE ORGANICS (Page Two)

SAMPLE IDENTIFIER: 41149
 COMPUCHEM SAMPLE NUMBER: 37232

		CONCENTRATION (UG/L)	DETECTION* LIMIT (UG/L)
29B.	PHENANTHRENE	BDL	130
30B.	ANTHRACENE	BDL	130
31B.	DI-N-BUTYLPHTHALATE	BDL	130
32B.	FLUORANTHENE	BDL	130
33B.	BENZIDINE	BDL	130
34B.	PYRENE	BDL	130
35B.	BUTYLBENZYLPHTHALATE	BDL	130
36B.	BENZO(A)ANTHRACENE	BDL	130
37B.	3,3'-DICHLOROBENZIDINE	BDL	130
38B.	CHRYSENE	BDL	130
39B.	BIS(2-ETHYLHEXYL)PHTHALATE	BDL	130
40B.	DI-N-OCTYLPHTHALATE	BDL	130
41B.	BENZO(B)FLUORANTHENE	BDL	130
42B.	BENZO(K)FLUORANTHENE	BDL	130
43B.	BENZO(A)PYRENE	BDL	130
44B.	INDENO(1,2,3-C,D)PYRENE	BDL	325
45B.	DIBENZO(A,H)ANTHRACENE	BDL	325
46B.	BENZO(G,H,I)PERYLENE	BDL	325

BDL=BELOW DETECTION LIMIT

*Detection limits raised due to less than required amount of sample available for extraction.

ENTOMOLOGICAL RESEARCH
BUREAU OF ENTOMOLOGICAL RESEARCH

COLLECTOR'S KEY

Inventory of Specimens

Specimen No.	Collector	Date	Locality	Host Plant	Sex	Age	Remarks
1001	J. H. REEVE	1952	INDONESIA	...	...	...	...
1002	J. H. REEVE	1952	INDONESIA	...	...	...	...
1003	J. H. REEVE	1952	INDONESIA	...	...	...	...
1004	J. H. REEVE	1952	INDONESIA	...	...	...	...
1005	J. H. REEVE	1952	INDONESIA	...	...	...	...
1006	J. H. REEVE	1952	INDONESIA	...	...	...	...
1007	J. H. REEVE	1952	INDONESIA	...	...	...	...
1008	J. H. REEVE	1952	INDONESIA	...	...	...	...
1009	J. H. REEVE	1952	INDONESIA	...	...	...	...
1010	J. H. REEVE	1952	INDONESIA	...	...	...	...
1011	J. H. REEVE	1952	INDONESIA	...	...	...	...
1012	J. H. REEVE	1952	INDONESIA	...	...	...	...
1013	J. H. REEVE	1952	INDONESIA	...	...	...	...
1014	J. H. REEVE	1952	INDONESIA	...	...	...	...
1015	J. H. REEVE	1952	INDONESIA	...	...	...	...
1016	J. H. REEVE	1952	INDONESIA	...	...	...	...
1017	J. H. REEVE	1952	INDONESIA	...	...	...	...
1018	J. H. REEVE	1952	INDONESIA	...	...	...	...
1019	J. H. REEVE	1952	INDONESIA	...	...	...	...
1020	J. H. REEVE	1952	INDONESIA	...	...	...	...

For further information, contact the Bureau of Entomological Research, Department of Agriculture, Washington, D.C. 20250.

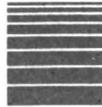
COMPOUND LIST -- PESTICIDES/PCB'S

SAMPLE IDENTIFIER: 41149
 COMPUCHEM SAMPLE NUMBER: 37232

	<u>CONCENTRATION (UG/L)</u>	<u>DETECTION* LIMIT (UG/L)</u>
1P. ALDRIN	BDL	130
2P. ALPHA-BHC	BDL	130
3P. BETA-BHC	BDL	130
4P. GAMMA-BHC	BDL	130
5P. DELTA-BHC	BDL	130
6P. CHLORDANE	BDL	130
7P. 4,4'-DDT	BDL	130
8P. 4,4'-DDE	BDL	130
9P. 4,4'-DDD	BDL	130
10P. DIELDRIN	BDL	130
11P. ALPHA-ENDOSULFAN	BDL	130
12P. BETA-ENDOSULFAN	BDL	130
13P. ENDOSULFAN SULFATE	BDL	130
14P. ENDRIN	BDL	130
15P. ENDRIN ALDEHYDE	BDL	130
16P. HEPTACHLOR	BDL	130
17P. HEPTACHLOR EPOXIDE	BDL	130
18P. PCB-1242	BDL	130
19P. PCB-1254	BDL	130
20P. PCB-1221	BDL	130
21P. PCB-1232	BDL	130
22P. PCB-1248	BDL	130
23P. PCB-1260	BDL	130
24P. PCB-1016	BDL	130
25P. TOXAPHENE	BDL	130

BDL=BELOW DETECTION LIMIT

*Detection limits raised due to less than required amount of sample available for extraction.



COMPUCHEM
LABORATORIES

November 19, 1984

Ms. Cheryl Daniel
Centec
2160 Industrial Drive
Salem, VA 24153

Dear Ms. Daniel:

Thank you for selecting CompuChem® Laboratories for your recent sample analysis. We have completed the analysis that you requested and have enclosed a summary of the CompuChem® data for your review. Additional data details are available for purchase if you require them.

As you know, EPA has proposed detection limits for the priority pollutants in the December 3, 1979, Federal Register, and we have reported all priority pollutant concentrations which have exceeded these limits (or their equivalent for solid matrices). In addition, we have permanently stored a complete record of your data on magnetic tape. This includes chromatograms, mass spectra, calibration and quality control data for the organics. Therefore, your original data is readily available for future reference. Should you require additional information from your data base, please contact us at 1/800-334-8525.

In order to expedite data to you, we have forwarded the results for all completed analyses. If you submitted more samples than are included in the enclosed results, the data will be forthcoming upon completion of our final review.

Your confidence in our CompuChem® service is appreciated. We look forward to a continuing association.

Sincerely,

Pamela S. Carrington
Pamela S. Carrington
Manager, Report Preparation

Enclosure:

Report: 41152 - 37235

DATA REPORT NOTICE

CompuChem employs Methods 624 and 625 for GC/MS analysis of organics in liquid matrices. These methods were proposed on December 3, 1979 by the U.S.E.P.A. in Volume 44 of the Federal Register. These methods were subsequently revised and reissued in July, 1982 as publication EPA-600/4-82-057. The EPA Environmental Monitoring and Support Laboratory (EMSL-Cincinnati) has subsequently issued method modifications which provide for the analysis of solid matrices. These modifications specify changes in the sample preparation procedures.

Additionally, for solid samples detection limits and any analytical results reported are based on processing the method specified sample size of as-received material.

The referenced methods are no longer appropriate for several of the original priority pollutant compounds. This is due to either the deletion from the toxic pollutant list (40 CFR Part 401) by EPA or the determination by EPA that the referenced methods may not be optimized for certain compounds (EPA-600/4-82-057) originally incorporated by the methods.

CompuChem® presents these compounds in its sample data report for completeness as many of the government compound list forms continue to display the affected compounds. For consistency, these compounds are reported as "BDL" or "Below Detection Limit" as they are either not likely to exist in the sample or are not likely to be detected by the method. Those compounds which have actually been deleted are listed below with the Federal Register deletion reference.

<u>Compound Name</u>	<u>GC/MS Fraction</u>	<u>Federal Register</u>	<u>Date</u>
Dichlorodifluoromethane	Volatile	46FR2264	1/8/81
*Trichlorofluoromethane	Volatile	46FR2264	1/8/81
Bis(Chloromethyl)Ether	Volatile	46FR10723	2/4/81

*While this compound has been deleted, CompuChem® continues to identify and quantitate for it.

Gilbert bond
25% cotton

DATA REPORT NOTICE

Forced-air samples were analyzed for 10-VMS analysis of organic in liquid. These methods were proposed on December 2, 1979 by the U.S. EPA. In June 88 of the Federal Register, these methods were subsequently revised and published in July, 1988 as subpart EPA-600/4-88-017A. The EPA Environmental Protection and Support Laboratory (EPA-ESL) has subsequently issued method modifications which provide for the analysis of solid samples. These modifications apply to the sample preparation procedures.

Additionally, for solid samples, detection limits and any analytical results reported are based on processing the method specified sample size of a... received during...

The proposed methods from former reports for... of the... primarily organic compounds. This is due to other substances from the... (EPA Part 401) by EPA or the determination by EPA that the proposed methods may not be suitable for... (EPA-600/4-88-017) originally incorporated by the method.

Compounds present in these compounds in the sample are reported for... as many of the government compound list forms contain to display the... compounds. For consistency, these compounds are reported as "ND" or "Below Detection Limit" as they are either not likely to exist in the sample or are not likely to be detected by the method. These compounds which have a... been detected are listed below with the Federal Register reference.

Compound Name	CCVMS Fraction	Federal Register	Date
1,1-Dichloroethene	Volatiles	482221	1/18/81
1,1-Dichloroethane	Volatiles	482222	1/18/81
1,1-Dichloroethylene	Volatiles	4821033	2/1/81

While this document is... and quantitative for...

© 1981 EPA
 Environmental Protection Agency
 Washington, D.C. 20460



REPORT OF DATA

SAMPLE IDENTIFIER: 41152

COMPUCHEM SAMPLE NUMBER: 37235

SUBMITTED TO:

Ms. Cheryl Daniel
Centec
2160 Industrial Drive
Salem, VA 24153

DIANA A. SCAMMELL
TECHNICAL SPECIALIST, OPERATIONS

R. L. MYERS, PH.D., PRESIDENT

ROBERT E. MEIERER
DIRECTOR OF QUALITY ASSURANCE



REPORT OF DATA

DATE OF TEST: APR 1964
TEST NO: 100-100000-1000

SUBMITTED TO:

STRATTON INDUSTRIES, INC.

100 Industrial Blvd.
Columbus, Ohio 43215

LABORATORY FILE NO.

RECEIVED APR 22 1964
FEDERAL BUREAU OF INVESTIGATION
WASHINGTON, D.C.

ROBERT E. McNEELY
FISHERIES - QUALITY & SERVICE

LABORATORY CHRONICLE

SAMPLE IDENTIFIER: 41152
COMPUCHEM SAMPLE NUMBER: 37235

	<u>Date</u>
Received/Refrigerated	10/24/84
Organics	
Extracted	10/25/84
Analyzed	
1. Volatiles	Not Requested
2. Acids	10/31/84
3. Base/Neutrals	11/01/84
4. Pesticides/PCBS	11/01/84
Inorganics	
1. Metals	Not Requested
2. Cyanide	Not Requested
3. Phenol	Not Requested

LABORATORY CHRONICLE

SAMPLE IDENTIFIER: 01125
CONDUCHT SAMPLE NUMBER: 3732

Gilbert band

Date: _____
Received/Requested: 25% cotton

Organics

105254

Extracted

Analyzed

Not Requested

1. Volatiles

105255

2. Acids

105256

3. Base/Inorganics

105257

4. Residual loss

Inorganics

Not Requested

1. Metals

Not Requested

2. Cyanide

Not Requested

3. Phosphorus

COMPOUND LIST

--

ACID EXTRACTABLE ORGANICS

SAMPLE IDENTIFIER: 41152
COMPUCHEM SAMPLE NUMBER: 37235

	CONCENTRATION (UG/L)	DETECTION LIMIT (UG/L)
1A. PHENOL	36	25
2A. 2-CHLOROPHENOL	BDL	25
3A. 2-NITROPHENOL	BDL	25
4A. 2,4-DIMETHYLPHENOL	BDL	25
5A. 2,4-DICHLOROPHENOL	BDL	25
6A. P-CHLORO-M-CRESOL	BDL	25
7A. 2,4,6-TRICHLOROPHENOL	BDL	25
8A. 2,4-DINITROPHENOL	BDL	250
9A. 4-NITROPHENOL	BDL	25
10A. 4,6-DINITRO-O-CRESOL	BDL	250
11A. PENTACHLOROPHENOL	BDL	25

BDL=BELOW DETECTION LIMIT

COMPOUND LIST - ACID EXTRACTABLE ORGANICS

COMPARISON SAMPLE NUMBER: 3542
 SAMPLE IDENTIFIER: 0115

RETENTION TIME (MIN)	CONCENTRATION (PPM)	IDENTIFICATION
1.1	30	PHTHALIC ACID
1.2	30	PHTHALIC ACID
1.3	30	PHTHALIC ACID
1.4	30	PHTHALIC ACID
1.5	30	PHTHALIC ACID
1.6	30	PHTHALIC ACID
1.7	30	PHTHALIC ACID
1.8	30	PHTHALIC ACID
1.9	30	PHTHALIC ACID
1.10	30	PHTHALIC ACID
1.11	30	PHTHALIC ACID
1.12	30	PHTHALIC ACID
1.13	30	PHTHALIC ACID
1.14	30	PHTHALIC ACID
1.15	30	PHTHALIC ACID
1.16	30	PHTHALIC ACID
1.17	30	PHTHALIC ACID
1.18	30	PHTHALIC ACID
1.19	30	PHTHALIC ACID
1.20	30	PHTHALIC ACID
1.21	30	PHTHALIC ACID
1.22	30	PHTHALIC ACID
1.23	30	PHTHALIC ACID
1.24	30	PHTHALIC ACID
1.25	30	PHTHALIC ACID
1.26	30	PHTHALIC ACID
1.27	30	PHTHALIC ACID
1.28	30	PHTHALIC ACID
1.29	30	PHTHALIC ACID
1.30	30	PHTHALIC ACID
1.31	30	PHTHALIC ACID
1.32	30	PHTHALIC ACID
1.33	30	PHTHALIC ACID
1.34	30	PHTHALIC ACID
1.35	30	PHTHALIC ACID
1.36	30	PHTHALIC ACID
1.37	30	PHTHALIC ACID
1.38	30	PHTHALIC ACID
1.39	30	PHTHALIC ACID
1.40	30	PHTHALIC ACID
1.41	30	PHTHALIC ACID
1.42	30	PHTHALIC ACID
1.43	30	PHTHALIC ACID
1.44	30	PHTHALIC ACID
1.45	30	PHTHALIC ACID
1.46	30	PHTHALIC ACID
1.47	30	PHTHALIC ACID
1.48	30	PHTHALIC ACID
1.49	30	PHTHALIC ACID
1.50	30	PHTHALIC ACID
1.51	30	PHTHALIC ACID
1.52	30	PHTHALIC ACID
1.53	30	PHTHALIC ACID
1.54	30	PHTHALIC ACID
1.55	30	PHTHALIC ACID
1.56	30	PHTHALIC ACID
1.57	30	PHTHALIC ACID
1.58	30	PHTHALIC ACID
1.59	30	PHTHALIC ACID
1.60	30	PHTHALIC ACID
1.61	30	PHTHALIC ACID
1.62	30	PHTHALIC ACID
1.63	30	PHTHALIC ACID
1.64	30	PHTHALIC ACID
1.65	30	PHTHALIC ACID
1.66	30	PHTHALIC ACID
1.67	30	PHTHALIC ACID
1.68	30	PHTHALIC ACID
1.69	30	PHTHALIC ACID
1.70	30	PHTHALIC ACID
1.71	30	PHTHALIC ACID
1.72	30	PHTHALIC ACID
1.73	30	PHTHALIC ACID
1.74	30	PHTHALIC ACID
1.75	30	PHTHALIC ACID
1.76	30	PHTHALIC ACID
1.77	30	PHTHALIC ACID
1.78	30	PHTHALIC ACID
1.79	30	PHTHALIC ACID
1.80	30	PHTHALIC ACID
1.81	30	PHTHALIC ACID
1.82	30	PHTHALIC ACID
1.83	30	PHTHALIC ACID
1.84	30	PHTHALIC ACID
1.85	30	PHTHALIC ACID
1.86	30	PHTHALIC ACID
1.87	30	PHTHALIC ACID
1.88	30	PHTHALIC ACID
1.89	30	PHTHALIC ACID
1.90	30	PHTHALIC ACID
1.91	30	PHTHALIC ACID
1.92	30	PHTHALIC ACID
1.93	30	PHTHALIC ACID
1.94	30	PHTHALIC ACID
1.95	30	PHTHALIC ACID
1.96	30	PHTHALIC ACID
1.97	30	PHTHALIC ACID
1.98	30	PHTHALIC ACID
1.99	30	PHTHALIC ACID
2.00	30	PHTHALIC ACID

30 = 30% DETECTION LIMIT

Good for...

COMPOUND LIST -- BASE-NEUTRAL EXTRACTABLE ORGANICS

SAMPLE IDENTIFIER: 41152
 COMPUCHEM SAMPLE NUMBER: 37235

	<u>CONCENTRATION (UG/L)</u>	<u>DETECTION LIMIT (UG/L)</u>
1B. N-NITROSODIMETHYLAMINE	BDL	10
2B. BIS (2-CHLOROETHYL) ETHER	BDL	10
3B. 1,3-DICHLOROBENZENE	BDL	10
4B. 1,4-DICHLOROBENZENE	BDL	10
5B. 1,2-DICHLOROBENZENE	BDL	10
6B. BIS (2-CHLOROISOPROPYL) ETHER	BDL	10
7B. HEXACHLOROETHANE	BDL	10
8B. N-NITROSODI-N-PROPYLAMINE	BDL	10
9B. NITROBENZENE	BDL	10
10B. ISOPHORONE	BDL	10
11B. BIS(2-CHLOROETHOXY) METHANE	BDL	10
12B. 1,2,4-TRICHLOROBENZENE	BDL	10
13B. NAPHTHALENE	BDL	10
14B. HEXACHLOROBUTADIENE	BDL	10
15B. HEXACHLOROCYCLOPENTADIENE	BDL	10
16B. 2-CHLORONAPHTHALENE	BDL	10
17B. DIMETHYLPHTHALATE	BDL	10
18B. ACENAPHTHYLENE	BDL	10
19B. 2,6-DINITROTOLUENE	BDL	10
20B. ACENAPHTHENE	BDL	10
21B. 2,4-DINITROTOLUENE	BDL	10
22B. DIETHYLPHTHALATE	BDL	10
23B. FLUORENE	BDL	10
24B. 4-CHLOROPHENYL PHENYL ETHER	BDL	10
25B. DIPHENYLAMINE (N-NITROSO)	BDL	10
26B. 1,2-DIPHENYLHYDRAZINE (AZOBENZENE)	BDL	10
27B. 4-BROMOPHENYL PHENYL ETHER	BDL	10
28B. HEXACHLOROBENZENE	BDL	10

(Continued)

BDL=BELOW DETECTION LIMIT

COMPOUND LIST -- BASE-NEUTRAL EXTRACTABLE ORGANICS (Page Two)

SAMPLE IDENTIFIER: 41152
 COMPUCHEM SAMPLE NUMBER: 37235

	CONCENTRATION (UG/L)	DETECTION LIMIT (UG/L)
29B. PHENANTHRENE	BDL	10
30B. ANTHRACENE	BDL	10
31B. DI-N-BUTYLPHTHALATE	BDL	10
32B. FLUORANTHENE	BDL	10
33B. BENZIDINE	BDL	10
34B. PYRENE	BDL	10
35B. BUTYLBENZYLPHTHALATE	BDL	10
36B. BENZO(A)ANTHRACENE	BDL	10
37B. 3,3'-DICHLOROBENZIDINE	BDL	10
38B. CHRYSENE	BDL	10
39B. BIS(2-ETHYLHEXYL)PHTHALATE	13	10
40B. DI-N-OCTYLPHTHALATE	BDL	10
41B. BENZO(B)FLUORANTHENE	BDL	10
42B. BENZO(K)FLUORANTHENE	BDL	10
43B. BENZO(A)PYRENE	BDL	10
44B. INDENO(1,2,3-C,D)PYRENE	BDL	25
45B. DIBENZO(A,H)ANTHRACENE	BDL	25
46B. BENZO(G,H,I)PERYLENE	BDL	25

BDL=BELOW DETECTION LIMIT

COMPOUND LIST -- PESTICIDES/PCB'S

SAMPLE IDENTIFIER: 41152
 COMPUCHEM SAMPLE NUMBER: 37235

	<u>CONCENTRATION</u> (UG/L)	<u>DETECTION</u> <u>LIMIT</u> (UG/L)
1P. ALDRIN	BDL	10
2P. ALPHA-BHC	BDL	10
3P. BETA-BHC	BDL	10
4P. GAMMA-BHC	BDL	10
5P. DELTA-BHC	BDL	10
6P. CHLORDANE	BDL	10
7P. 4,4'-DDT	BDL	10
8P. 4,4'-DDE	BDL	10
9P. 4,4'-DDD	BDL	10
10P. DIELDRIN	BDL	10
11P. ALPHA-ENDOSULFAN	BDL	10
12P. BETA-ENDOSULFAN	BDL	10
13P. ENDOSULFAN SULFATE	BDL	10
14P. ENDRIN	BDL	10
15P. ENDRIN ALDEHYDE	BDL	10
16P. HEPTACHLOR	BDL	10
17P. HEPTACHLOR EPOXIDE	BDL	10
18P. PCB-1242	BDL	10
19P. PCB-1254	BDL	10
20P. PCB-1221	BDL	10
21P. PCB-1232	BDL	10
22P. PCB-1248	BDL	10
23P. PCB-1260	BDL	10
24P. PCB-1016	BDL	10
25P. TOXAPHENE	BDL	10

BDL=BELOW DETECTION LIMIT

COMPOUND LIST -- PESTICIDES

COMPOUND SAMPLE NUMBER: 3333
SAMPLE IDENTIFIER: 4135

DETECTION LIMIT (PPM)	CONCENTRATION (PPM)	NAME
10	100	ALDRIN
10	100	DELTA
10	100	BETA
10	100	CHLORPYRIFOS
10	100	CHLORPYRIFOS-METHYL
10	100	4'-DDT
10	100	4'-DDE
10	100	4'-DDD
10	100	DIBROMIN
10	100	ALPHA-ENDOSULFAN
10	100	BETA-ENDOSULFAN
10	100	ENDOSULFAN SULFATE
10	100	ENDRIN
10	100	ENDRIN ALDEHYDE
10	100	HEPTACHLOR
10	100	HEPTACHLOR EPOXYDE
10	100	PCP-1313
10	100	PCP-1324
10	100	PCP-1321
10	100	PCP-1322
10	100	PCP-1323
10	100	PCP-1324
10	100	PCP-1325
10	100	PCP-1326
10	100	PCP-1327
10	100	TOXAPHENE

100 = BELOW DETECTION LIMIT

DATA REPORT NOTICE

CompuChem employs Methods 624 and 625 for GC/MS analysis of organics in liquid matrices. These methods were proposed on December 3, 1979 by the U.S.E.P.A. in Volume 44 of the Federal Register. These methods were subsequently revised and reissued in July, 1982 as publication EPA-600/4-82-057. The EPA Environmental Monitoring and Support Laboratory (EMSL-Cincinnati) has subsequently issued method modifications which provide for the analysis of solid matrices. These modifications specify changes in the sample preparation procedures.

Additionally, for solid samples detection limits and any analytical results reported are based on processing the method specified sample size of as-received material.

The referenced methods are no longer appropriate for several of the original priority pollutant compounds. This is due to either the deletion from the toxic pollutant list (40 CFR Part 401) by EPA or the determination by EPA that the referenced methods may not be optimized for certain compounds (EPA-600/4-82-057) originally incorporated by the methods.

CompuChem® presents these compounds in its sample data report for completeness as many of the government compound list forms continue to display the affected compounds. For consistency, these compounds are reported as "BDL" or "Below Detection Limit" as they are either not likely to exist in the sample or are not likely to be detected by the method. Those compounds which have actually been deleted are listed below with the Federal Register deletion reference.

<u>Compound Name</u>	<u>GC/MS Fraction</u>	<u>Federal Register</u>	<u>Date</u>
Dichlorodifluoromethane	Volatile	46FR2264	1/8/81
*Trichlorofluoromethane	Volatile	46FR2264	1/8/81
Bis(Chloromethyl)Ether	Volatile	46FR10723	2/4/81

*While this compound has been deleted, CompuChem® continues to identify and quantitate for it.

DATA REPORT NOTICE

Comparative analysis Methods 284 and 285 for GC/MS analysis of opiates in fluids. These methods were proposed on December 1, 1978 by the U.S. Environmental Protection Agency. These methods were subsequently revised and Volume 4 of the Federal Register. The EPA Environmental Monitoring and Support Laboratory (EMSL-Incinerator) has subsequently revised method modifications which provide for the analysis of solid matrices. These modifications specify changes in the sample preparation procedures.

Additionally, for solid matrix detection limits and analytical results reported are based on processing the solid matrixed samples as if they were liquid.

The proposed method and an interim report for several of the opiates. This is due to either the detection limit or the detection limit by EPA test (10 EPA Part 401) by EPA or the detection limit by EPA test. The proposed method may not be suitable for certain compounds (EPA-0004-35-021) originally incorporated by the method.

Concluded presents these compounds in its sample data report for compounds as many of the government compound list forms continue to display the detection limit. For compounds, these compounds are reported as "ND" or "Below Detection Limit" as they are either not likely to exist in the sample or are not likely to be detected by the method. Those compounds which have actually been detected are listed below with the Federal Register detection methods.

Compound Name	GC/MS Fraction	Federal Register	Date
Dibenzoylmorphine	Volatile	488224	1/8/78
6-Acetylmorphine	Volatile	488224	1/8/78
3-Acetylmorphine	Volatile	4881023	2/1/78

and duplicate for it. Values are continuous to identify



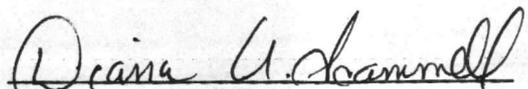
REPORT OF DATA

SAMPLE IDENTIFIER: 41151

COMPUCHEM SAMPLE NUMBER: 37234

SUBMITTED TO:

Ms. Cheryl Daniel
Centec
2160 Industrial Drive
Salem, VA 24153


DIANA A. SCAMMELL
TECHNICAL SPECIALIST, OPERATIONS

R. L. MYERS, PH.D., PRESIDENT

ROBERT E. MEIERER
DIRECTOR OF QUALITY ASSURANCE



COMMUNICATIONS
LABORATORIES

STATEMENT OF WORK

FOR THE YEAR 2000

DATE: 10/15/99

BY: [Signature]

10/15/99

COMMUNICATIONS
LABORATORIES
2100 Industrial Drive
Farmingdale, NY 11735

STATEMENT OF WORK
FOR THE YEAR 2000

DATE: 10/15/99

BY: [Signature]

LABORATORY CHRONICLE

SAMPLE IDENTIFIER: 41151
COMPUCHEM SAMPLE NUMBER: 37234

	<u>Date</u>
Received/Refrigerated	10/24/84
Organics	
Extracted	10/25/84
Analyzed	
1. Volatiles	Not Requested
2. Acids	11/06/84
3. Base/Neutrals	11/01/84
4. Pesticides/PCBS	11/01/84
Inorganics	
1. Metals	Not Requested
2. Cyanide	Not Requested
3. Phenol	Not Requested

LABORATORY REPORT

COMPONENT NAME: _____
SAMPLE IDENTIFIER: _____

Date: _____

11/18/2011

Positive Identification

Dynamics

11/18/2011

Expanded

Analysis

Not Requested

1. Volatiles

11/18/2011

2. Acids

11/18/2011

3. Base Anionics

11/18/2011

4. Residuals

Dynamics

Not Requested

1. Metals

Not Requested

2. Carbon

Gilbert Bond

LABORATORY

COMPOUND LIST

--

ACID EXTRACTABLE ORGANICS

SAMPLE IDENTIFIER: 41151
COMPUCHEM SAMPLE NUMBER: 37234

	<u>CONCENTRATION</u> (UG/L)	<u>DETECTION</u> <u>LIMIT</u> (UG/L)
1A. PHENOL	BDL	25
2A. 2-CHLOROPHENOL	BDL	25
3A. 2-NITROPHENOL	BDL	25
4A. 2,4-DIMETHYLPHENOL	BDL	25
5A. 2,4-DICHLOROPHENOL	BDL	25
6A. P-CHLORO-M-CRESOL	BDL	25
7A. 2,4,6-TRICHLOROPHENOL	BDL	25
8A. 2,4-DINITROPHENOL	BDL	250
9A. 4-NITROPHENOL	BDL	25
10A. 4,6-DINITRO-O-CRESOL	BDL	250
11A. PENTACHLOROPHENOL	BDL	25

BDL=BELOW DETECTION LIMIT

COMPOUND LIST

--

BASE-NEUTRAL EXTRACTABLE ORGANICS

SAMPLE IDENTIFIER: 41151
COMPUCHEM SAMPLE NUMBER: 37234

	<u>CONCENTRATION</u> (UG/L)	<u>DETECTION</u> <u>LIMIT</u> (UG/L)
1B. N-NITROSODIMETHYLAMINE	BDL	10
2B. BIS (2-CHLOROETHYL) ETHER	BDL	10
3B. 1,3-DICHLOROBENZENE	BDL	10
4B. 1,4-DICHLOROBENZENE	BDL	10
5B. 1,2-DICHLOROBENZENE	BDL	10
6B. BIS (2-CHLOROISOPROPYL) ETHER	BDL	10
7B. HEXACHLOROETHANE	BDL	10
8B. N-NITROSODI-N-PROPYLAMINE	BDL	10
9B. NITROBENZENE	BDL	10
10B. ISOPHORONE	BDL	10
11B. BIS(2-CHLOROETHOXY) METHANE	BDL	10
12B. 1,2,4-TRICHLOROBENZENE	BDL	10
13B. NAPHTHALENE	BDL	10
14B. HEXACHLOROBUTADIENE	BDL	10
15B. HEXACHLOROCYCLOPENTADIENE	BDL	10
16B. 2-CHLORONAPHTHALENE	BDL	10
17B. DIMETHYLPHTHALATE	BDL	10
18B. ACENAPHTHYLENE	BDL	10
19B. 2,6-DINITROTOLUENE	BDL	10
20B. ACENAPHTHENE	BDL	10
21B. 2,4-DINITROTOLUENE	BDL	10
22B. DIETHYLPHTHALATE	BDL	10
23B. FLUORENE	BDL	10
24B. 4-CHLOROPHENYL PHENYL ETHER	BDL	10
25B. DIPHENYLAMINE (N-NITROSO)	BDL	10
26B. 1,2-DIPHENYLHYDRAZINE (AZOBENZENE)	BDL	10
27B. 4-BROMOPHENYL PHENYL ETHER	BDL	10
28B. HEXACHLOROBENZENE	BDL	10

(Continued)

BDL=BELOW DETECTION LIMIT

COMPOUND LIST -- BASE-NEUTRAL EXTRACTABLE ORGANICS (Page Two)

SAMPLE IDENTIFIER: 41151
 COMPUCHEM SAMPLE NUMBER: 37234

	<u>CONCENTRATION</u> (UG/L)	<u>DETECTION</u> <u>LIMIT</u> (UG/L)
29B. PHENANTHRENE	BDL	10
30B. ANTHRACENE	BDL	10
31B. DI-N-BUTYLPHTHALATE	BDL	10
32B. FLUORANTHENE	BDL	10
33B. BENZIDINE	BDL	10
34B. PYRENE	BDL	10
35B. BUTYLBENZYLPHTHALATE	BDL	10
36B. BENZO(A)ANTHRACENE	BDL	10
37B. 3,3'-DICHLOROBENZIDINE	BDL	10
38B. CHRYSENE	BDL	10
39B. BIS(2-ETHYLHEXYL)PHTHALATE	BDL	10
40B. DI-N-OCTYLPHTHALATE	BDL	10
41B. BENZO(B)FLUORANTHENE	BDL	10
42B. BENZO(K)FLUORANTHENE	BDL	10
43B. BENZO(A)PYRENE	BDL	10
44B. INDENO(1,2,3-C,D)PYRENE	BDL	25
45B. DIBENZO(A,H)ANTHRACENE	BDL	25
46B. BENZO(G,H,I)PERYLENE	BDL	25

BDL=BELOW DETECTION LIMIT

COMPOUND LIST -- BASELINE/EXTRACTABLE ORGANICS (B/E/O) (2 of 2)

COMPOUND SAMPLE WEIGHT = 0.0001
SAMPLE IDENTIFIER = 1111

DETECTION
LIMIT
(PPM)

Gilbert bond

Retention Time	Peak	Compound Name	Weight
10.10	10.10	BENZENE	0.01
10.15	10.15	ETHYLENE	0.01
10.20	10.20	PROPANE	0.01
10.25	10.25	BUTANE	0.01
10.30	10.30	PENTANE	0.01
10.35	10.35	HEXANE	0.01
10.40	10.40	HEPTANE	0.01
10.45	10.45	OCTANE	0.01
10.50	10.50	NONANE	0.01
10.55	10.55	DECANE	0.01
10.60	10.60	UNIDENTIFIED	0.01
10.65	10.65	UNIDENTIFIED	0.01
10.70	10.70	UNIDENTIFIED	0.01
10.75	10.75	UNIDENTIFIED	0.01
10.80	10.80	UNIDENTIFIED	0.01
10.85	10.85	UNIDENTIFIED	0.01
10.90	10.90	UNIDENTIFIED	0.01
10.95	10.95	UNIDENTIFIED	0.01
11.00	11.00	UNIDENTIFIED	0.01
11.05	11.05	UNIDENTIFIED	0.01
11.10	11.10	UNIDENTIFIED	0.01
11.15	11.15	UNIDENTIFIED	0.01
11.20	11.20	UNIDENTIFIED	0.01
11.25	11.25	UNIDENTIFIED	0.01
11.30	11.30	UNIDENTIFIED	0.01
11.35	11.35	UNIDENTIFIED	0.01
11.40	11.40	UNIDENTIFIED	0.01
11.45	11.45	UNIDENTIFIED	0.01
11.50	11.50	UNIDENTIFIED	0.01
11.55	11.55	UNIDENTIFIED	0.01
11.60	11.60	UNIDENTIFIED	0.01
11.65	11.65	UNIDENTIFIED	0.01
11.70	11.70	UNIDENTIFIED	0.01
11.75	11.75	UNIDENTIFIED	0.01
11.80	11.80	UNIDENTIFIED	0.01
11.85	11.85	UNIDENTIFIED	0.01
11.90	11.90	UNIDENTIFIED	0.01
11.95	11.95	UNIDENTIFIED	0.01
12.00	12.00	UNIDENTIFIED	0.01
12.05	12.05	UNIDENTIFIED	0.01
12.10	12.10	UNIDENTIFIED	0.01
12.15	12.15	UNIDENTIFIED	0.01
12.20	12.20	UNIDENTIFIED	0.01
12.25	12.25	UNIDENTIFIED	0.01
12.30	12.30	UNIDENTIFIED	0.01
12.35	12.35	UNIDENTIFIED	0.01
12.40	12.40	UNIDENTIFIED	0.01
12.45	12.45	UNIDENTIFIED	0.01
12.50	12.50	UNIDENTIFIED	0.01
12.55	12.55	UNIDENTIFIED	0.01
12.60	12.60	UNIDENTIFIED	0.01
12.65	12.65	UNIDENTIFIED	0.01
12.70	12.70	UNIDENTIFIED	0.01
12.75	12.75	UNIDENTIFIED	0.01
12.80	12.80	UNIDENTIFIED	0.01
12.85	12.85	UNIDENTIFIED	0.01
12.90	12.90	UNIDENTIFIED	0.01
12.95	12.95	UNIDENTIFIED	0.01
13.00	13.00	UNIDENTIFIED	0.01
13.05	13.05	UNIDENTIFIED	0.01
13.10	13.10	UNIDENTIFIED	0.01
13.15	13.15	UNIDENTIFIED	0.01
13.20	13.20	UNIDENTIFIED	0.01
13.25	13.25	UNIDENTIFIED	0.01
13.30	13.30	UNIDENTIFIED	0.01
13.35	13.35	UNIDENTIFIED	0.01
13.40	13.40	UNIDENTIFIED	0.01
13.45	13.45	UNIDENTIFIED	0.01
13.50	13.50	UNIDENTIFIED	0.01
13.55	13.55	UNIDENTIFIED	0.01
13.60	13.60	UNIDENTIFIED	0.01
13.65	13.65	UNIDENTIFIED	0.01
13.70	13.70	UNIDENTIFIED	0.01
13.75	13.75	UNIDENTIFIED	0.01
13.80	13.80	UNIDENTIFIED	0.01
13.85	13.85	UNIDENTIFIED	0.01
13.90	13.90	UNIDENTIFIED	0.01
13.95	13.95	UNIDENTIFIED	0.01
14.00	14.00	UNIDENTIFIED	0.01
14.05	14.05	UNIDENTIFIED	0.01
14.10	14.10	UNIDENTIFIED	0.01
14.15	14.15	UNIDENTIFIED	0.01
14.20	14.20	UNIDENTIFIED	0.01
14.25	14.25	UNIDENTIFIED	0.01
14.30	14.30	UNIDENTIFIED	0.01
14.35	14.35	UNIDENTIFIED	0.01
14.40	14.40	UNIDENTIFIED	0.01
14.45	14.45	UNIDENTIFIED	0.01
14.50	14.50	UNIDENTIFIED	0.01
14.55	14.55	UNIDENTIFIED	0.01
14.60	14.60	UNIDENTIFIED	0.01
14.65	14.65	UNIDENTIFIED	0.01
14.70	14.70	UNIDENTIFIED	0.01
14.75	14.75	UNIDENTIFIED	0.01
14.80	14.80	UNIDENTIFIED	0.01
14.85	14.85	UNIDENTIFIED	0.01
14.90	14.90	UNIDENTIFIED	0.01
14.95	14.95	UNIDENTIFIED	0.01
15.00	15.00	UNIDENTIFIED	0.01
15.05	15.05	UNIDENTIFIED	0.01
15.10	15.10	UNIDENTIFIED	0.01
15.15	15.15	UNIDENTIFIED	0.01
15.20	15.20	UNIDENTIFIED	0.01
15.25	15.25	UNIDENTIFIED	0.01
15.30	15.30	UNIDENTIFIED	0.01
15.35	15.35	UNIDENTIFIED	0.01
15.40	15.40	UNIDENTIFIED	0.01
15.45	15.45	UNIDENTIFIED	0.01
15.50	15.50	UNIDENTIFIED	0.01
15.55	15.55	UNIDENTIFIED	0.01
15.60	15.60	UNIDENTIFIED	0.01
15.65	15.65	UNIDENTIFIED	0.01
15.70	15.70	UNIDENTIFIED	0.01
15.75	15.75	UNIDENTIFIED	0.01
15.80	15.80	UNIDENTIFIED	0.01
15.85	15.85	UNIDENTIFIED	0.01
15.90	15.90	UNIDENTIFIED	0.01
15.95	15.95	UNIDENTIFIED	0.01
16.00	16.00	UNIDENTIFIED	0.01
16.05	16.05	UNIDENTIFIED	0.01
16.10	16.10	UNIDENTIFIED	0.01
16.15	16.15	UNIDENTIFIED	0.01
16.20	16.20	UNIDENTIFIED	0.01
16.25	16.25	UNIDENTIFIED	0.01
16.30	16.30	UNIDENTIFIED	0.01
16.35	16.35	UNIDENTIFIED	0.01
16.40	16.40	UNIDENTIFIED	0.01
16.45	16.45	UNIDENTIFIED	0.01
16.50	16.50	UNIDENTIFIED	0.01
16.55	16.55	UNIDENTIFIED	0.01
16.60	16.60	UNIDENTIFIED	0.01
16.65	16.65	UNIDENTIFIED	0.01
16.70	16.70	UNIDENTIFIED	0.01
16.75	16.75	UNIDENTIFIED	0.01
16.80	16.80	UNIDENTIFIED	0.01
16.85	16.85	UNIDENTIFIED	0.01
16.90	16.90	UNIDENTIFIED	0.01
16.95	16.95	UNIDENTIFIED	0.01
17.00	17.00	UNIDENTIFIED	0.01
17.05	17.05	UNIDENTIFIED	0.01
17.10	17.10	UNIDENTIFIED	0.01
17.15	17.15	UNIDENTIFIED	0.01
17.20	17.20	UNIDENTIFIED	0.01
17.25	17.25	UNIDENTIFIED	0.01
17.30	17.30	UNIDENTIFIED	0.01
17.35	17.35	UNIDENTIFIED	0.01
17.40	17.40	UNIDENTIFIED	0.01
17.45	17.45	UNIDENTIFIED	0.01
17.50	17.50	UNIDENTIFIED	0.01
17.55	17.55	UNIDENTIFIED	0.01
17.60	17.60	UNIDENTIFIED	0.01
17.65	17.65	UNIDENTIFIED	0.01
17.70	17.70	UNIDENTIFIED	0.01
17.75	17.75	UNIDENTIFIED	0.01
17.80	17.80	UNIDENTIFIED	0.01
17.85	17.85	UNIDENTIFIED	0.01
17.90	17.90	UNIDENTIFIED	0.01
17.95	17.95	UNIDENTIFIED	0.01
18.00	18.00	UNIDENTIFIED	0.01
18.05	18.05	UNIDENTIFIED	0.01
18.10	18.10	UNIDENTIFIED	0.01
18.15	18.15	UNIDENTIFIED	0.01
18.20	18.20	UNIDENTIFIED	0.01
18.25	18.25	UNIDENTIFIED	0.01
18.30	18.30	UNIDENTIFIED	0.01
18.35	18.35	UNIDENTIFIED	0.01
18.40	18.40	UNIDENTIFIED	0.01
18.45	18.45	UNIDENTIFIED	0.01
18.50	18.50	UNIDENTIFIED	0.01
18.55	18.55	UNIDENTIFIED	0.01
18.60	18.60	UNIDENTIFIED	0.01
18.65	18.65	UNIDENTIFIED	0.01
18.70	18.70	UNIDENTIFIED	0.01
18.75	18.75	UNIDENTIFIED	0.01
18.80	18.80	UNIDENTIFIED	0.01
18.85	18.85	UNIDENTIFIED	0.01
18.90	18.90	UNIDENTIFIED	0.01
18.95	18.95	UNIDENTIFIED	0.01
19.00	19.00	UNIDENTIFIED	0.01
19.05	19.05	UNIDENTIFIED	0.01
19.10	19.10	UNIDENTIFIED	0.01
19.15	19.15	UNIDENTIFIED	0.01
19.20	19.20	UNIDENTIFIED	0.01
19.25	19.25	UNIDENTIFIED	0.01
19.30	19.30	UNIDENTIFIED	0.01
19.35	19.35	UNIDENTIFIED	0.01
19.40	19.40	UNIDENTIFIED	0.01
19.45	19.45	UNIDENTIFIED	0.01
19.50	19.50	UNIDENTIFIED	0.01
19.55	19.55	UNIDENTIFIED	0.01
19.60	19.60	UNIDENTIFIED	0.01
19.65	19.65	UNIDENTIFIED	0.01
19.70	19.70	UNIDENTIFIED	0.01
19.75	19.75	UNIDENTIFIED	0.01
19.80	19.80	UNIDENTIFIED	0.01
19.85	19.85	UNIDENTIFIED	0.01
19.90	19.90	UNIDENTIFIED	0.01
19.95	19.95	UNIDENTIFIED	0.01
20.00	20.00	UNIDENTIFIED	0.01

50% BELOW DETECTION LIMIT

COMPOUND LIST -- PESTICIDES/PCB'S

SAMPLE IDENTIFIER: 41151
 COMPUCHEM SAMPLE NUMBER: 37234

	<u>CONCENTRATION</u> (UG/L)	<u>DETECTION</u> <u>LIMIT</u> (UG/L)
1P. ALDRIN	BDL	10
2P. ALPHA-BHC	BDL	10
3P. BETA-BHC	BDL	10
4P. GAMMA-BHC	BDL	10
5P. DELTA-BHC	BDL	10
6P. CHLORDANE	BDL	10
7P. 4,4'-DDT	BDL	10
8P. 4,4'-DDE	BDL	10
9P. 4,4'-DDD	BDL	10
10P. DIELDRIN	BDL	10
11P. ALPHA-ENDOSULFAN	BDL	10
12P. BETA-ENDOSULFAN	BDL	10
13P. ENDOSULFAN SULFATE	BDL	10
14P. ENDRIN	BDL	10
15P. ENDRIN ALDEHYDE	BDL	10
16P. HEPTACHLOR	BDL	10
17P. HEPTACHLOR EPOXIDE	BDL	10
18P. PCB-1242	BDL	10
19P. PCB-1254	BDL	10
20P. PCB-1221	BDL	10
21P. PCB-1232	BDL	10
22P. PCB-1248	BDL	10
23P. PCB-1260	BDL	10
24P. PCB-1016	BDL	10
25P. TOXAPHENE	BDL	10

BDL=BELOW DETECTION LIMIT

COMPOUND LIST -- PESTICIDES/VERB'S

COMPOUND NAME: 11111
COMPOUND NAME: 11111

DETECTION LIMIT (UG/L)	CONCENTRATION (UG/L)	NAME
10	300	ALDRIN
10	30	ALPHA-BHC
10	30	BETA-BHC
10	30	GAMMA-BHC
10	30	DELTA-BHC
10	30	CYFLUTHRIN
10	30	4'-DDE
10	30	4'-DDD
10	30	4'-DDE
10	30	4'-DDD
10	30	DIENDRIN
10	30	ALPHA-ENDOSULFAN
10	30	BETA-ENDOSULFAN
10	30	EMBOSULFAN SULFATE
10	30	ENDRIN
10	30	ENDRIN ALDEHYDE
10	30	HEPTACHLOR
10	30	HEPTACHLOR EPOXIDE
10	30	PCB-1248
10	30	PCB-1254
10	30	PCB-1261
10	30	PCB-1282
10	30	PCB-1299
10	30	PCB-1306
10	30	PCB-1312
10	30	PCB-1318
10	30	PCB-1324
10	30	PCB-1330
10	30	PCB-1336
10	30	PCB-1342
10	30	PCB-1348
10	30	PCB-1354
10	30	PCB-1360
10	30	PCB-1366
10	30	PCB-1372
10	30	PCB-1378
10	30	PCB-1384
10	30	PCB-1390
10	30	PCB-1396
10	30	PCB-1402
10	30	PCB-1408
10	30	PCB-1414
10	30	PCB-1420
10	30	PCB-1426
10	30	PCB-1432
10	30	PCB-1438
10	30	PCB-1444
10	30	PCB-1450
10	30	PCB-1456
10	30	PCB-1462
10	30	PCB-1468
10	30	PCB-1474
10	30	PCB-1480
10	30	PCB-1486
10	30	PCB-1492
10	30	PCB-1498
10	30	PCB-1504
10	30	PCB-1510
10	30	PCB-1516
10	30	PCB-1522
10	30	PCB-1528
10	30	PCB-1534
10	30	PCB-1540
10	30	PCB-1546
10	30	PCB-1552
10	30	PCB-1558
10	30	PCB-1564
10	30	PCB-1570
10	30	PCB-1576
10	30	PCB-1582
10	30	PCB-1588
10	30	PCB-1594
10	30	PCB-1600
10	30	PCB-1606
10	30	PCB-1612
10	30	PCB-1618
10	30	PCB-1624
10	30	PCB-1630
10	30	PCB-1636
10	30	PCB-1642
10	30	PCB-1648
10	30	PCB-1654
10	30	PCB-1660
10	30	PCB-1666
10	30	PCB-1672
10	30	PCB-1678
10	30	PCB-1684
10	30	PCB-1690
10	30	PCB-1696
10	30	PCB-1702
10	30	PCB-1708
10	30	PCB-1714
10	30	PCB-1720
10	30	PCB-1726
10	30	PCB-1732
10	30	PCB-1738
10	30	PCB-1744
10	30	PCB-1750
10	30	PCB-1756
10	30	PCB-1762
10	30	PCB-1768
10	30	PCB-1774
10	30	PCB-1780
10	30	PCB-1786
10	30	PCB-1792
10	30	PCB-1798
10	30	PCB-1804
10	30	PCB-1810
10	30	PCB-1816
10	30	PCB-1822
10	30	PCB-1828
10	30	PCB-1834
10	30	PCB-1840
10	30	PCB-1846
10	30	PCB-1852
10	30	PCB-1858
10	30	PCB-1864
10	30	PCB-1870
10	30	PCB-1876
10	30	PCB-1882
10	30	PCB-1888
10	30	PCB-1894
10	30	PCB-1900
10	30	PCB-1906
10	30	PCB-1912
10	30	PCB-1918
10	30	PCB-1924
10	30	PCB-1930
10	30	PCB-1936
10	30	PCB-1942
10	30	PCB-1948
10	30	PCB-1954
10	30	PCB-1960
10	30	PCB-1966
10	30	PCB-1972
10	30	PCB-1978
10	30	PCB-1984
10	30	PCB-1990
10	30	PCB-1996
10	30	PCB-2002
10	30	PCB-2008
10	30	PCB-2014
10	30	PCB-2020
10	30	PCB-2026
10	30	PCB-2032
10	30	PCB-2038
10	30	PCB-2044
10	30	PCB-2050
10	30	PCB-2056
10	30	PCB-2062
10	30	PCB-2068
10	30	PCB-2074
10	30	PCB-2080
10	30	PCB-2086
10	30	PCB-2092
10	30	PCB-2098
10	30	PCB-2104
10	30	PCB-2110
10	30	PCB-2116
10	30	PCB-2122
10	30	PCB-2128
10	30	PCB-2134
10	30	PCB-2140
10	30	PCB-2146
10	30	PCB-2152
10	30	PCB-2158
10	30	PCB-2164
10	30	PCB-2170
10	30	PCB-2176
10	30	PCB-2182
10	30	PCB-2188
10	30	PCB-2194
10	30	PCB-2200
10	30	PCB-2206
10	30	PCB-2212
10	30	PCB-2218
10	30	PCB-2224
10	30	PCB-2230
10	30	PCB-2236
10	30	PCB-2242
10	30	PCB-2248
10	30	PCB-2254
10	30	PCB-2260
10	30	PCB-2266
10	30	PCB-2272
10	30	PCB-2278
10	30	PCB-2284
10	30	PCB-2290
10	30	PCB-2296
10	30	PCB-2302
10	30	PCB-2308
10	30	PCB-2314
10	30	PCB-2320
10	30	PCB-2326
10	30	PCB-2332
10	30	PCB-2338
10	30	PCB-2344
10	30	PCB-2350
10	30	PCB-2356
10	30	PCB-2362
10	30	PCB-2368
10	30	PCB-2374
10	30	PCB-2380
10	30	PCB-2386
10	30	PCB-2392
10	30	PCB-2398
10	30	PCB-2404
10	30	PCB-2410
10	30	PCB-2416
10	30	PCB-2422
10	30	PCB-2428
10	30	PCB-2434
10	30	PCB-2440
10	30	PCB-2446
10	30	PCB-2452
10	30	PCB-2458
10	30	PCB-2464
10	30	PCB-2470
10	30	PCB-2476
10	30	PCB-2482
10	30	PCB-2488
10	30	PCB-2494
10	30	PCB-2500
10	30	PCB-2506
10	30	PCB-2512
10	30	PCB-2518
10	30	PCB-2524
10	30	PCB-2530
10	30	PCB-2536
10	30	PCB-2542
10	30	PCB-2548
10	30	PCB-2554
10	30	PCB-2560
10	30	PCB-2566
10	30	PCB-2572
10	30	PCB-2578
10	30	PCB-2584
10	30	PCB-2590
10	30	PCB-2596
10	30	PCB-2602
10	30	PCB-2608
10	30	PCB-2614
10	30	PCB-2620
10	30	PCB-2626
10	30	PCB-2632
10	30	PCB-2638
10	30	PCB-2644
10	30	PCB-2650
10	30	PCB-2656
10	30	PCB-2662
10	30	PCB-2668
10	30	PCB-2674
10	30	PCB-2680
10	30	PCB-2686
10	30	PCB-2692
10	30	PCB-2698
10	30	PCB-2704
10	30	PCB-2710
10	30	PCB-2716
10	30	PCB-2722
10	30	PCB-2728
10	30	PCB-2734
10	30	PCB-2740
10	30	PCB-2746
10	30	PCB-2752
10	30	PCB-2758
10	30	PCB-2764
10	30	PCB-2770
10	30	PCB-2776
10	30	PCB-2782
10	30	PCB-2788
10	30	PCB-2794
10	30	PCB-2800
10	30	PCB-2806
10	30	PCB-2812
10	30	PCB-2818
10	30	PCB-2824
10	30	PCB-2830
10	30	PCB-2836
10	30	PCB-2842
10	30	PCB-2848
10	30	PCB-2854
10	30	PCB-2860
10	30	PCB-2866
10	30	PCB-2872
10	30	PCB-2878
10	30	PCB-2884
10	30	PCB-2890
10	30	PCB-2896
10	30	PCB-2902
10	30	PCB-2908
10	30	PCB-2914
10	30	PCB-2920
10	30	PCB-2926
10	30	PCB-2932
10	30	PCB-2938
10	30	PCB-2944
10	30	PCB-2950
10	30	PCB-2956
10	30	PCB-2962
10	30	PCB-2968
10	30	PCB-2974
10	30	PCB-2980
10	30	PCB-2986
10	30	PCB-2992
10	30	PCB-2998
10	30	PCB-3004
10	30	PCB-3010
10	30	PCB-3016
10	30	PCB-3022
10	30	PCB-3028
10	30	PCB-3034
10	30	PCB-3040
10	30	PCB-3046
10	30	PCB-3052
10	30	PCB-3058
10	30	PCB-3064
10	30	PCB-3070
10	30	PCB-3076
10	30	PCB-3082
10	30	PCB-3088
10	30	PCB-3094
10	30	PCB-3100
10	30	PCB-3106
10	30	PCB-3112
10	30	PCB-3118
10	30	PCB-3124
10	30	PCB-3130
10	30	PCB-3136
10	30	PCB-3142
10	30	PCB-3148
10	30	PCB-3154
10	30	PCB-3160
10	30	PCB-3166
10	30	PCB-3172
10	30	PCB-3178
10	30	PCB-3184
10	30	PCB-3190
10	30	PCB-3196
10	30	PCB-3202
10	30	PCB-3208
10	30	PCB-3214
10	30	PCB-3220
10	30	PCB-3226
10	30	PCB-3232
10	30	PCB-3238
10	30	PCB-3244
10	30	PCB-3250
10	30	PCB-3256
10	30	PCB-3262
10	30	PCB-3268
10	30	PCB-3274
10	30	PCB-3280
10	30	PCB-3286
10	30	PCB-3292
10	30	PCB-3298
10	30	PCB-3304
10	30	PCB-3310
10	30	PCB-3316
10	30	PCB-3322
10	30	PCB-3328
10	30	PCB-3334
10	30	PCB-3340
10	30	PCB-3346
10	30	PCB-3352
10	30	PCB-3358
10	30	PCB-3364
10	30	PCB-3370
10	30	PCB-3376
10	30	PCB-3382
10	30	PCB-3388
10	30	PCB-3394
10	30	PCB-3400
10	30	PCB-3406
10	30	PCB-3412
10	30	PCB-3418
10	30	PCB-3424
10	30	PCB-3430
10	30	PCB-3436
10	30	PCB-3442
10	30	PCB-3448
10	30	PCB-3454
10	30	PCB-3460
10	30	PCB-3466
10	30	PCB-3472
10	30	PCB-3478
10	30	PCB-3484
10	30	PCB-3490
10	30	PCB-3496
10	30	PCB-3502
10	30	PCB-3508
10	30	PCB-3514
10	30	PCB-3520
10	30	PCB-3526
10	30	PCB-3532
10	30	PCB-3538
10	30	PCB-3544
10	30	PCB-3550
10	30	PCB-3556
10	30	PCB-3562
10	30	PCB-3568
10	30	PCB-3574
10	30	PCB-3580
10	30	PCB-3586
10	30	PCB-3592
10	30	PCB-3598
10	30	PCB-3604
10	30	PCB-3610
10</		



November 17, 1984

Ms. Cheryl Daniel
Centec
2160 Industrial Drive
Salem, VA 24153

Dear Ms. Daniel:

Thank you for selecting CompuChem® Laboratories for your recent sample analysis. We have completed the analysis that you requested and have enclosed a summary of the CompuChem® data for your review. Additional data details are available for purchase if you require them.

As you know, EPA has proposed detection limits for the priority pollutants in the December 3, 1979, Federal Register, and we have reported all priority pollutant concentrations which have exceeded these limits (or their equivalent for solid matrices). In addition, we have permanently stored a complete record of your data on magnetic tape. This includes chromatograms, mass spectra, calibration and quality control data for the organics. Therefore, your original data is readily available for future reference. Should you require additional information from your data base, please contact us at 1/800-334-8525.

In order to expedite data to you, we have forwarded the results for all completed analyses. If you submitted more samples than are included in the enclosed results, the data will be forthcoming upon completion of our final review.

Your confidence in our CompuChem® service is appreciated. We look forward to a continuing association.

Sincerely,

Pamela S. Carrington
Pamela S. Carrington
Manager, Report Preparation

Enclosure:

Report: 41151 - 37234



COMPU CHEM
LABORATORIES

November 17, 1984

Dr. George S. Butler
Director
U.S. Geological Survey
Water Resources Division
1225 North 17th Street
Denver, Colorado 80202

Dear Dr. Butler:

I am pleased to hear that you are interested in the services of COMPU CHEM LABORATORIES. We are a laboratory specializing in the analysis of water quality data. Our services include the analysis of water quality data for a variety of parameters, including pH, temperature, conductivity, and dissolved oxygen. We also offer a variety of other services, including the analysis of water quality data for a variety of parameters, including pH, temperature, conductivity, and dissolved oxygen.

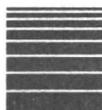
As you know, EPA has proposed a new method for the analysis of water quality data. This method is based on the use of a computerized data analysis system. We have developed a computerized data analysis system that is capable of analyzing water quality data for a variety of parameters, including pH, temperature, conductivity, and dissolved oxygen. This system is designed to be user-friendly and easy to use. It is also capable of handling large amounts of data. We would be pleased to provide you with a demonstration of our system.

In order to expedite this process, we have prepared the following information for your review. If you are interested in our services, please contact us at the address listed below. We will be happy to provide you with a demonstration of our system and to discuss our services in more detail.

Your confidence in our services is appreciated. We look forward to a continued association.

Respectfully,
James J. Cunningham
Director, Quality Division

COMPU CHEM LABORATORIES
1225 North 17th Street
Denver, Colorado 80202
(303) 733-1111



COMPUCHEM
LABORATORIES

November 14, 1984

Ms. Cheryl Daniel
Centec
2160 Industrial Drive
Salem, VA 24153

Dear Ms. Daniel:

Thank you for selecting CompuChem® Laboratories for your recent sample analysis. We have completed the analysis that you requested and have enclosed a summary of the CompuChem® data for your review. Additional data details are available for purchase if you require them.

As you know, EPA has proposed detection limits for the priority pollutants in the December 3, 1979, Federal Register, and we have reported all priority pollutant concentrations which have exceeded these limits (or their equivalent for solid matrices). In addition, we have permanently stored a complete record of your data on magnetic tape. This includes chromatograms, mass spectra, calibration and quality control data for the organics. Therefore, your original data is readily available for future reference. Should you require additional information from your data base, please contact us at 1/800-334-8525.

In order to expedite data to you, we have forwarded the results for all completed analyses. If you submitted more samples than are included in the enclosed results, the data will be forthcoming upon completion of our final review.

Your confidence in our CompuChem® service is appreciated. We look forward to a continuing association.

Sincerely,

Pamela S. Carrington
Pamela S. Carrington
Manager, Report Preparation

Enclosure:

Report: 41155 - 37239

STRATHELMITE BOARD
COMPUTER
LABORATORY
NEWINGTON, N.H. USA

MEMORANDUM FOR THE BOARD
SUBJECT: [Illegible]

The following information was obtained from a review of the records of the Laboratory for the period of [Illegible]. It is noted that the Laboratory has received a total of [Illegible] samples for analysis during the period [Illegible]. The results of the analysis of these samples are summarized in the attached report. It is noted that the majority of the samples analyzed were of the [Illegible] type. The results of the analysis of these samples are summarized in the attached report. It is noted that the majority of the samples analyzed were of the [Illegible] type. The results of the analysis of these samples are summarized in the attached report.

Very truly yours,
[Illegible Signature]

DATA REPORT NOTICE

CompuChem employs Methods 624 and 625 for GC/MS analysis of organics in liquid matrices. These methods were proposed on December 3, 1979 by the U.S.E.P.A. in Volume 44 of the Federal Register. These methods were subsequently revised and reissued in July, 1982 as publication EPA-600/4-82-057. The EPA Environmental Monitoring and Support Laboratory (EMSL-Cincinnati) has subsequently issued method modifications which provide for the analysis of solid matrices. These modifications specify changes in the sample preparation procedures.

Additionally, for solid samples detection limits and any analytical results reported are based on processing the method specified sample size of as-received material.

The referenced methods are no longer appropriate for several of the original priority pollutant compounds. This is due to either the deletion from the toxic pollutant list (40 CFR Part 401) by EPA or the determination by EPA that the referenced methods may not be optimized for certain compounds (EPA-600/4-82-057) originally incorporated by the methods.

CompuChem® presents these compounds in its sample data report for completeness as many of the government compound list forms continue to display the affected compounds. For consistency, these compounds are reported as "BDL" or "Below Detection Limit" as they are either not likely to exist in the sample or are not likely to be detected by the method. Those compounds which have actually been deleted are listed below with the Federal Register deletion reference.

<u>Compound Name</u>	<u>GC/MS Fraction</u>	<u>Federal Register</u>	<u>Date</u>
Dichlorodifluoromethane	Volatile	46FR2264	1/8/81
*Trichlorofluoromethane	Volatile	46FR2264	1/8/81
Bis(Chloromethyl)Ether	Volatile	46FR10723	2/4/81

*While this compound has been deleted, CompuChem® continues to identify and quantitate for it.

Gilbert bond

Company employee records for the year 1970, a list of names of employees in 1970, and a list of names of employees in 1971. The list of names of employees in 1970 is on page 1 and the list of names of employees in 1971 is on page 2. The list of names of employees in 1970 is on page 1 and the list of names of employees in 1971 is on page 2.

Additional information regarding the above mentioned items and any other matters that may be pertinent to the above mentioned items is being furnished to you for your information. The information is being furnished to you for your information and is not to be used for any other purpose. The information is being furnished to you for your information and is not to be used for any other purpose.

Company records for the year 1970, a list of names of employees in 1970, and a list of names of employees in 1971. The list of names of employees in 1970 is on page 1 and the list of names of employees in 1971 is on page 2. The list of names of employees in 1970 is on page 1 and the list of names of employees in 1971 is on page 2.

Company Name	Year	Employee Name	Employee ID
Chromatography	1970	John Doe	12345
Chromatography	1971	Jane Smith	67890
Chromatography	1972	Bob Johnson	11111

This document contains confidential information and is intended for the use of the recipient only. It is not to be distributed to other personnel without the express written consent of the sender.



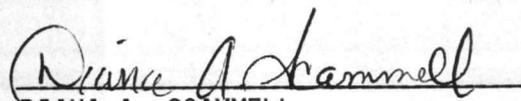
REPORT OF DATA

SAMPLE IDENTIFIER: 41155

COMPUCHEM SAMPLE NUMBER: 37239

SUBMITTED TO:

Ms. Cheryl Daniel
Centec
2160 Industrial Drive
Salem, VA 24153


DIANA A. SCAMMELL
TECHNICAL SPECIALIST, OPERATIONS

R. L. MYERS, PH.D., PRESIDENT

ROBERT E. MEIERER
DIRECTOR OF QUALITY ASSURANCE



MEMORANDUM
FOR THE RECORD

MEMORANDUM FOR THE RECORD

MEMORANDUM FOR THE RECORD

MEMORANDUM FOR THE RECORD

LABORATORY CHRONICLE

SAMPLE IDENTIFIER: 41155
COMPUCHEM SAMPLE NUMBER: 37239

	<u>Date</u>
Received/Refrigerated	10-24-84
Organics	
Extracted	10-25-84
Analyzed	
1. Volatiles	Not Requested
2. Acid	10-31-84
3. Base/Neutrals	11-01-84
4. Pesticides/PCBS	11-01-84
Inorganics	
1. Metals	Not Requested
2. Cyanide	Not Requested
3. Phenols	Not Requested

LABORATORY REPORT

SAMPLE NUMBER: 4115
CONTROL SAMPLE NO: 3739

DATE	ANALYSIS	STATUS
10-11-84	Reactive/Residual	not requested
10-11-84	Organics	not requested
10-11-84	Extracted	not requested
10-11-84	Analyzed	not requested
10-11-84	1. Volatiles	not requested
10-11-84	2. Acids	not requested
11-01-84	3. Organometals	not requested
11-01-84	4. Residuals/PCBs	not requested
	Metals	not requested
	1. Metals	not requested
	2. Cyanide	not requested
	3. Phenols	not requested

COMPOUND LIST -- ACID EXTRACTABLE ORGANICS

SAMPLE IDENTIFIER: 41155
 COMPUCHEM SAMPLE NUMBER: 37239

	<u>CONCENTRATION (UG/L)</u>	<u>DETECTION LIMIT (UG/L)</u>
1A. PHENOL	BDL	25
2A. 2-CHLOROPHENOL	BDL	25
3A. 2-NITROPHENOL	BDL	25
4A. 2,4-DIMETHYLPHENOL	BDL	25
5A. 2,4-DICHLOROPHENOL	BDL	25
6A. P-CHLORO-M-CRESOL	BDL	25
7A. 2,4,6-TRICHLOROPHENOL	BDL	25
8A. 2,4-DINITROPHENOL	BDL	250
9A. 4-NITROPHENOL	BDL	25
10A. 4,6-DINITRO-O-CRESOL	BDL	250
11A. PENTACHLOROPHENOL	BDL	25

BDL=BELOW DETECTION LIMIT

QUALITY CONTROL

CONTRACT NO. 1234567890

SAMPLING LOCATION: W-123
 DATE OF ANALYSIS: 10/25/2023

DEFLECTION	CONCENTRATION	TEST
(MM)	(%)	
1.5	0.1	1.0
2.0	0.2	2.0
2.5	0.3	3.0
3.0	0.4	4.0
3.5	0.5	5.0
4.0	0.6	6.0
4.5	0.7	7.0
5.0	0.8	8.0
5.5	0.9	9.0
6.0	1.0	10.0

COMPOUND LIST -- BASE-NEUTRAL EXTRACTABLE ORGANICS

SAMPLE IDENTIFIER: 41155
 COMPUCHEM SAMPLE NUMBER: 37239

	<u>CONCENTRATION</u> (UG/L)	<u>DETECTION</u> <u>LIMIT</u> (UG/L)
1B. N-NITROSODIMETHYLAMINE	BDL	10
2B. BIS (2-CHLOROETHYL) ETHER	BDL	10
3B. 1,3-DICHLOROBENZENE	BDL	10
4B. 1,4-DICHLOROBENZENE	BDL	10
5B. 1,2-DICHLOROBENZENE	BDL	10
6B. BIS (2-CHLOROISOPROPYL) ETHER	BDL	10
7B. HEXACHLOROETHANE	BDL	10
8B. N-NITROSODI-N-PROPYLAMINE	BDL	10
9B. NITROBENZENE	BDL	10
10B. ISOPHORONE	BDL	10
11B. BIS(2-CHLOROETHOXY) METHANE	BDL	10
12B. 1,2,4-TRICHLOROBENZENE	BDL	10
13B. NAPHTHALENE	BDL	10
14B. HEXACHLOROBUTADIENE	BDL	10
15B. HEXACHLOROCYCLOPENTADIENE	BDL	10
16B. 2-CHLORONAPHTHALENE	BDL	10
17B. DIMETHYLPHTHALATE	BDL	10
18B. ACENAPHTHYLENE	BDL	10
19B. 2,6-DINITROTOLUENE	BDL	10
20B. ACENAPHTHENE	BDL	10
21B. 2,4-DINITROTOLUENE	BDL	10
22B. DIETHYLPHTHALATE	BDL	10
23B. FLUORENE	BDL	10
24B. 4-CHLOROPHENYL PHENYL ETHER	BDL	10
25B. DIPHENYLAMINE (N-NITROSO)	BDL	10
26B. 1,2-DIPHENYLHYDRAZINE (AZOBENZENE)	BDL	10
27B. 4-BROMOPHENYL PHENYL ETHER	BDL	10
28B. HEXACHLOROBENZENE	BDL	10

(Continued)

BDL=BELOW DETECTION LIMIT

COMPOUND LIST -- BASE-NEUTRAL EXTRACTABLE ORGANICS (Page Two)

SAMPLE IDENTIFIER: 41155
 COMPUCHEM SAMPLE NUMBER: 37239

	<u>CONCENTRATION (UG/L)</u>	<u>DETECTION LIMIT (UG/L)</u>
29B. PHENANTHRENE	BDL	10
30B. ANTHRACENE	BDL	10
31B. DI-N-BUTYLPHthalate	BDL	10
32B. FLUORANTHENE	BDL	10
33B. BENZIDINE	BDL	10
34B. PYRENE	BDL	10
35B. BUTYLBENZYLPHthalate	BDL	10
36B. BENZO(A)ANTHRACENE	BDL	10
37B. 3,3'-DICHLOROBENZIDINE	BDL	10
38B. CHRYSENE	BDL	10
39B. BIS(2-ETHYLHEXYL)PHthalate	BDL	10
40B. DI-N-OCTYLPHthalate	BDL	10
41B. BENZO(B)FLUORANTHENE	BDL	10
42B. BENZO(K)FLUORANTHENE	BDL	10
43B. BENZO(A)PYRENE	BDL	10
44B. INDENO(1,2,3-C,D)PYRENE	BDL	25
45B. DIBENZO(A,H)ANTHRACENE	BDL	25
46B. BENZO(G,H,I)PERYLENE	BDL	25

BDL=BELOW DETECTION LIMIT

COMPOUND LIST -- BASE-NEUTRAL EXTACTABLE ORGANICS (P&S) (15)

COMPOUND SAMPLE NUMBER: 3530
 SAMPLE IDENTIFIER: 4113

RETENTION TIME (MIN)	CONCENTRATION (PPM)	IDENTIFICATION
10	0.0	ETHANOL
11	0.0	ACETONE
12	0.0	DIETHYL ETHER
13	0.0	DIETHYL SULFIDE
14	0.0	DIETHYL CARBONATE
15	0.0	DIETHYL SEBACATE
16	0.0	DIETHYL GLYCOL SEBACATE
17	0.0	DIETHYL TEREPHTHALATE
18	0.0	DIETHYL PHTHALATE
19	0.0	DIETHYL TEREPHTHALATE
20	0.0	DIETHYL TEREPHTHALATE
21	0.0	DIETHYL TEREPHTHALATE
22	0.0	DIETHYL TEREPHTHALATE
23	0.0	DIETHYL TEREPHTHALATE
24	0.0	DIETHYL TEREPHTHALATE
25	0.0	DIETHYL TEREPHTHALATE
26	0.0	DIETHYL TEREPHTHALATE
27	0.0	DIETHYL TEREPHTHALATE
28	0.0	DIETHYL TEREPHTHALATE
29	0.0	DIETHYL TEREPHTHALATE
30	0.0	DIETHYL TEREPHTHALATE
31	0.0	DIETHYL TEREPHTHALATE
32	0.0	DIETHYL TEREPHTHALATE
33	0.0	DIETHYL TEREPHTHALATE
34	0.0	DIETHYL TEREPHTHALATE
35	0.0	DIETHYL TEREPHTHALATE
36	0.0	DIETHYL TEREPHTHALATE
37	0.0	DIETHYL TEREPHTHALATE
38	0.0	DIETHYL TEREPHTHALATE
39	0.0	DIETHYL TEREPHTHALATE
40	0.0	DIETHYL TEREPHTHALATE
41	0.0	DIETHYL TEREPHTHALATE
42	0.0	DIETHYL TEREPHTHALATE
43	0.0	DIETHYL TEREPHTHALATE
44	0.0	DIETHYL TEREPHTHALATE
45	0.0	DIETHYL TEREPHTHALATE
46	0.0	DIETHYL TEREPHTHALATE
47	0.0	DIETHYL TEREPHTHALATE
48	0.0	DIETHYL TEREPHTHALATE
49	0.0	DIETHYL TEREPHTHALATE
50	0.0	DIETHYL TEREPHTHALATE
51	0.0	DIETHYL TEREPHTHALATE
52	0.0	DIETHYL TEREPHTHALATE
53	0.0	DIETHYL TEREPHTHALATE
54	0.0	DIETHYL TEREPHTHALATE
55	0.0	DIETHYL TEREPHTHALATE
56	0.0	DIETHYL TEREPHTHALATE
57	0.0	DIETHYL TEREPHTHALATE
58	0.0	DIETHYL TEREPHTHALATE
59	0.0	DIETHYL TEREPHTHALATE
60	0.0	DIETHYL TEREPHTHALATE
61	0.0	DIETHYL TEREPHTHALATE
62	0.0	DIETHYL TEREPHTHALATE
63	0.0	DIETHYL TEREPHTHALATE
64	0.0	DIETHYL TEREPHTHALATE
65	0.0	DIETHYL TEREPHTHALATE
66	0.0	DIETHYL TEREPHTHALATE
67	0.0	DIETHYL TEREPHTHALATE
68	0.0	DIETHYL TEREPHTHALATE
69	0.0	DIETHYL TEREPHTHALATE
70	0.0	DIETHYL TEREPHTHALATE
71	0.0	DIETHYL TEREPHTHALATE
72	0.0	DIETHYL TEREPHTHALATE
73	0.0	DIETHYL TEREPHTHALATE
74	0.0	DIETHYL TEREPHTHALATE
75	0.0	DIETHYL TEREPHTHALATE
76	0.0	DIETHYL TEREPHTHALATE
77	0.0	DIETHYL TEREPHTHALATE
78	0.0	DIETHYL TEREPHTHALATE
79	0.0	DIETHYL TEREPHTHALATE
80	0.0	DIETHYL TEREPHTHALATE
81	0.0	DIETHYL TEREPHTHALATE
82	0.0	DIETHYL TEREPHTHALATE
83	0.0	DIETHYL TEREPHTHALATE
84	0.0	DIETHYL TEREPHTHALATE
85	0.0	DIETHYL TEREPHTHALATE
86	0.0	DIETHYL TEREPHTHALATE
87	0.0	DIETHYL TEREPHTHALATE
88	0.0	DIETHYL TEREPHTHALATE
89	0.0	DIETHYL TEREPHTHALATE
90	0.0	DIETHYL TEREPHTHALATE
91	0.0	DIETHYL TEREPHTHALATE
92	0.0	DIETHYL TEREPHTHALATE
93	0.0	DIETHYL TEREPHTHALATE
94	0.0	DIETHYL TEREPHTHALATE
95	0.0	DIETHYL TEREPHTHALATE
96	0.0	DIETHYL TEREPHTHALATE
97	0.0	DIETHYL TEREPHTHALATE
98	0.0	DIETHYL TEREPHTHALATE
99	0.0	DIETHYL TEREPHTHALATE
100	0.0	DIETHYL TEREPHTHALATE

BASE-NEUTRAL EXTACTABLE ORGANICS

COMPOUND LIST -- PESTICIDES/PCB'S

SAMPLE IDENTIFIER: 41155
 COMPUCHEM SAMPLE NUMBER: 37239

	<u>CONCENTRATION</u> (UG/L)	<u>DETECTION</u> <u>LIMIT</u> (UG/L)
1P. ALDRIN	BDL	10
2P. ALPHA-BHC	BDL	10
3P. BETA-BHC	BDL	10
4P. GAMMA-BHC	BDL	10
5P. DELTA-BHC	BDL	10
6P. CHLORDANE	BDL	10
7P. 4,4'-DDT	BDL	10
8P. 4,4'-DDE	BDL	10
9P. 4,4'-DDD	BDL	10
10P. DIELDRIN	BDL	10
11P. ALPHA-ENDOSULFAN	BDL	10
12P. BETA-ENDOSULFAN	BDL	10
13P. ENDOSULFAN SULFATE	BDL	10
14P. ENDRIN	BDL	10
15P. ENDRIN ALDEHYDE	BDL	10
16P. HEPTACHLOR	BDL	10
17P. HEPTACHLOR EPOXIDE	BDL	10
18P. PCB-1242	BDL	10
19P. PCB-1254	BDL	10
20P. PCB-1221	BDL	10
21P. PCB-1232	BDL	10
22P. PCB-1248	BDL	10
23P. PCB-1260	BDL	10
24P. PCB-1016	BDL	10
25P. TOXAPHENE	BDL	10

BDL=BELOW DETECTION LIMIT



November 15, 1984

Ms. Cheryl Daniel
Centec
2160 Industrial Drive
Salem, VA 24153

Dear Ms. Daniel:

Thank you for selecting CompuChem® Laboratories for your recent sample analysis. We have completed the analysis that you requested and have enclosed a summary of the CompuChem® data for your review. Additional data details are available for purchase if you require them.

As you know, EPA has proposed detection limits for the priority pollutants in the December 3, 1979, Federal Register, and we have reported all priority pollutant concentrations which have exceeded these limits (or their equivalent for solid matrices). In addition, we have permanently stored a complete record of your data on magnetic tape. This includes chromatograms, mass spectra, calibration and quality control data for the organics. Therefore, your original data is readily available for future reference. Should you require additional information from your data base, please contact us at 1/800-334-8525.

In order to expedite data to you, we have forwarded the results for all completed analyses. If you submitted more samples than are included in the enclosed results, the data will be forthcoming upon completion of our final review.

Your confidence in our CompuChem® service is appreciated. We look forward to a continuing association.

Sincerely,

Pamela S. Carrington
Manager, Report Preparation

Enclosure:

Report: 41150 - 37233
41153 - 37237
41154 - 37238

STRAVANTHORE BRAND



S.S. COMPTON CHEMICAL USA
LABORATORIES

November 1, 1951

Mr. [Name]

210 [Address]

[City]

The following information is being furnished to you for your information and is not intended to constitute an offer of insurance or any other financial product. It is for informational purposes only and should not be used as a basis for any investment decision.

The information contained herein is based on the best available information at the time of preparation. It is subject to change without notice. The information is not intended to be a substitute for professional advice. You should consult with your professional advisor before making any investment decision.

In order to receive the benefits of this plan, you must meet the requirements set forth in the plan document. The plan document is available for review upon request.

For a complete description of the plan, please refer to the plan document. It is your responsibility to read and understand the plan document.

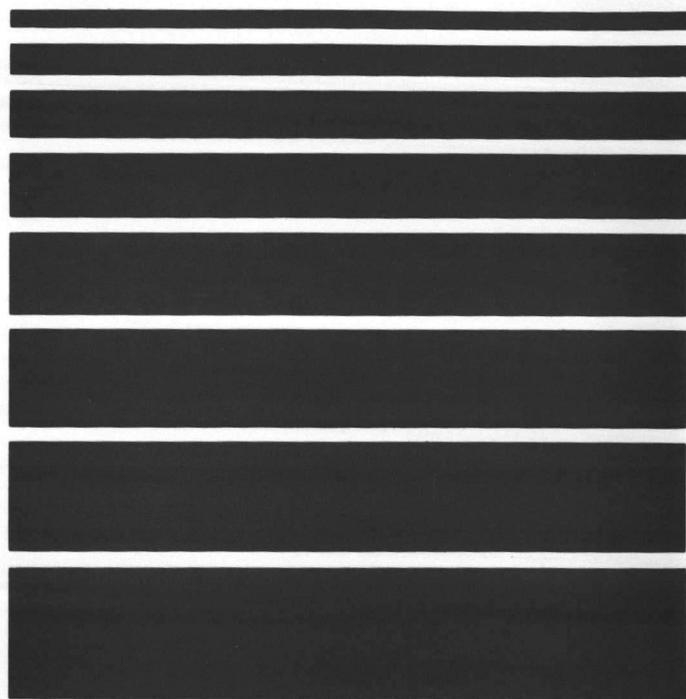
Sincerely,

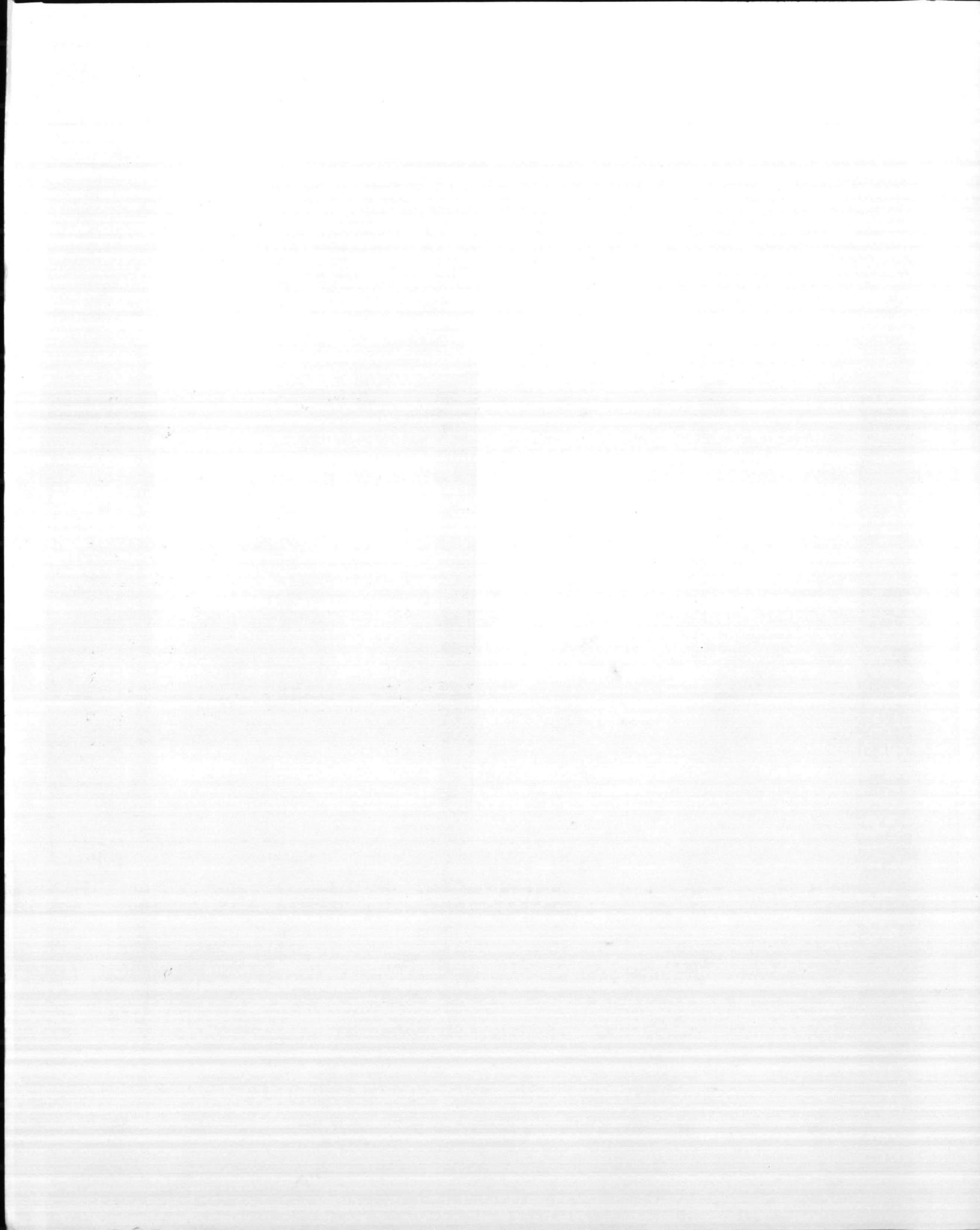
[Signature]

[Title]

[Address]

COMPUCHEM LABORATORIES





DATA REPORT NOTICE

CompuChem employs Methods 624 and 625 for GC/MS analysis of organics in liquid matrices. These methods were proposed on December 3, 1979 by the U.S.E.P.A. in Volume 44 of the Federal Register. These methods were subsequently revised and reissued in July, 1982 as publication EPA-600/4-82-057. The EPA Environmental Monitoring and Support Laboratory (EMSL-Cincinnati) has subsequently issued method modifications which provide for the analysis of solid matrices. These modifications specify changes in the sample preparation procedures.

Additionally, for solid samples detection limits and any analytical results reported are based on processing the method specified sample size of as-received material.

The referenced methods are no longer appropriate for several of the original priority pollutant compounds. This is due to either the deletion from the toxic pollutant list (40 CFR Part 401) by EPA or the determination by EPA that the referenced methods may not be optimized for certain compounds (EPA-600/4-82-057) originally incorporated by the methods.

CompuChem® presents these compounds in its sample data report for completeness as many of the government compound list forms continue to display the affected compounds. For consistency, these compounds are reported as "BDL" or "Below Detection Limit" as they are either not likely to exist in the sample or are not likely to be detected by the method. Those compounds which have actually been deleted are listed below with the Federal Register deletion reference.

<u>Compound Name</u>	<u>GC/MS Fraction</u>	<u>Federal Register</u>	<u>Date</u>
Dichlorodifluoromethane	Volatile	46FR2264	1/8/81
*Trichlorofluoromethane	Volatile	46FR2264	1/8/81
Bis(Chloromethyl)Ether	Volatile	46FR10723	2/4/81

*While this compound has been deleted, CompuChem® continues to identify and quantitate for it.



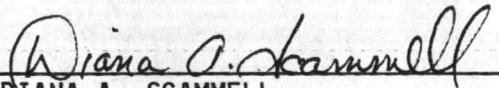
REPORT OF DATA

SAMPLE IDENTIFIER: 41150
41153
41154

COMPUCHEM SAMPLE NUMBER: 37233
37237
37238

SUBMITTED TO:

Ms. Cheryl Daniel
Centec
2160 Industrial Drive
Salem, VA 24153


DIANA A. SCAMMELL
TECHNICAL SPECIALIST, OPERATIONS

R. L. MYERS, PH.D., PRESIDENT

ROBERT E. MEIERER
DIRECTOR OF QUALITY ASSURANCE



COMPUTER
LABORERS

STANDARD
FIBER

STANDARD
FIBER

STANDARD
FIBER

STANDARD
FIBER

LABORATORY CHRONICLE

SAMPLE IDENTIFIER: 41150
COMPUCHEM SAMPLE NUMBER: 37233

	<u>Date</u>
Received/Refrigerated	10/24/84
Organics	
Extracted	10/25/84
Analyzed	
1. Volatiles	Not Requested
2. Acids	10/31/84
3. Base/Neutrals	10/31/84
4. Pesticides/PCBS	10/31/84
Inorganics	
1. Metals	Not Requested
2. Cyanide	Not Requested
3. Phenol	Not Requested

LABORATORY REPORT

CONDUCTED SAMPLE NUMBER: 12345
SAMPLE IDENTIFIER: ABCD

Date:

12/15/2023

Reference Information:

Analysis:

1023-V01

Extracted

Analyzed

Not Requested

1. Volatiles

1023-V02

2. Acids

1023-V03

3. Carbohydrates

1023-V04

4. Sulfides

Inventory:

Not Requested

1. Metals

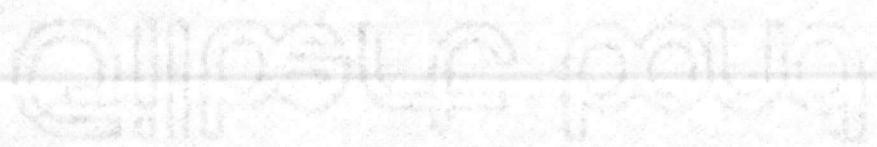
Not Requested

2. Cyanides

Not Requested

3. Chlorides

NOTICE



COMPOUND LIST

--

ACID EXTRACTABLE ORGANICS

SAMPLE IDENTIFIER: 41150
COMPUCHEM SAMPLE NUMBER: 37233

	<u>CONCENTRATION (UG/L)</u>	<u>DETECTION* LIMIT (UG/L)</u>
1A. PHENOL	BDL	60
2A. 2-CHLOROPHENOL	BDL	60
3A. 2-NITROPHENOL	BDL	60
4A. 2,4-DIMETHYLPHENOL	BDL	60
5A. 2,4-DICHLOROPHENOL	BDL	60
6A. P-CHLORO-M-CRESOL	BDL	60
7A. 2,4,6-TRICHLOROPHENOL	BDL	60
8A. 2,4-DINITROPHENOL	BDL	600
9A. 4-NITROPHENOL	BDL	60
10A. 4,6-DINITRO-O-CRESOL	BDL	600
11A. PENTACHLOROPHENOL	BDL	60

BDL=BELOW DETECTION LIMIT

*Less than the required volume of sample was available for extraction,
thus, higher than normal detection limits.

COMPOUND LIST

--

BASE-NEUTRAL EXTRACTABLE ORGANICS

SAMPLE IDENTIFIER: 41150
COMPUCHEM SAMPLE NUMBER: 37233

	CONCENTRATION (UG/L)	DETECTION* LIMIT (UG/L)
1B. N-NITROSODIMETHYLAMINE	BDL	25
2B. BIS (2-CHLOROETHYL) ETHER	BDL	25
3B. 1,3-DICHLOROBENZENE	BDL	25
4B. 1,4-DICHLOROBENZENE	BDL	25
5B. 1,2-DICHLOROBENZENE	BDL	25
6B. BIS (2-CHLOROISOPROPYL) ETHER	BDL	25
7B. HEXACHLOROETHANE	BDL	25
8B. N-NITROSODI-N-PROPYLAMINE	BDL	25
9B. NITROBENZENE	BDL	25
10B. ISOPHORONE	BDL	25
11B. BIS(2-CHLOROETHOXY) METHANE	BDL	25
12B. 1,2,4-TRICHLOROBENZENE	BDL	25
13B. NAPHTHALENE	BDL	25
14B. HEXACHLOROBUTADIENE	BDL	25
15B. HEXACHLOROCYCLOPENTADIENE	BDL	25
16B. 2-CHLORONAPHTHALENE	BDL	25
17B. DIMETHYLPHTHALATE	BDL	25
18B. ACENAPHTHYLENE	BDL	25
19B. 2,6-DINITROTOLUENE	BDL	25
20B. ACENAPHTHENE	BDL	25
21B. 2,4-DINITROTOLUENE	BDL	25
22B. DIETHYLPHTHALATE	BDL	25
23B. FLUORENE	BDL	25
24B. 4-CHLOROPHENYL PHENYL ETHER	BDL	25
25B. DIPHENYLAMINE (N-NITROSO)	BDL	25
26B. 1,2-DIPHENYLHYDRAZINE (AZOBENZENE)	BDL	25
27B. 4-BROMOPHENYL PHENYL ETHER	BDL	25
28B. HEXACHLOROBENZENE	BDL	25

(Continued)

BDL=BELOW DETECTION LIMIT

*Less than the required volume of sample was available for extraction,
thus, higher than normal detection limits.

COMPOUND LIST -- BASE-NEUTRAL EXTRACTABLE ORGANICS (Page Two)

SAMPLE IDENTIFIER: 41150
 COMPUCHEM SAMPLE NUMBER: 37233

	CONCENTRATION (UG/L)	DETECTION* LIMIT (UG/L)
29B. PHENANTHRENE	BDL	25
30B. ANTHRACENE	BDL	25
31B. DI-N-BUTYLPHTHALATE	BDL	25
32B. FLUORANTHENE	BDL	25
33B. BENZIDINE	BDL	25
34B. PYRENE	BDL	25
35B. BUTYLBENZYLPHTHALATE	BDL	25
36B. BENZO(A)ANTHRACENE	BDL	25
37B. 3,3'-DICHLOROBENZIDINE	BDL	25
38B. CHRYSENE	BDL	25
39B. BIS(2-ETHYLHEXYL)PHTHALATE	BDL	25
40B. DI-N-OCTYLPHTHALATE	BDL	25
41B. BENZO(B)FLUORANTHENE	BDL	25
42B. BENZO(K)FLUORANTHENE	BDL	25
43B. BENZO(A)PYRENE	BDL	25
44B. INDENO(1,2,3-C,D)PYRENE	BDL	60
45B. DIBENZO(A,H)ANTHRACENE	BDL	60
46B. BENZO(G,H,I)PERYLENE	BDL	60

BDL=BELOW DETECTION LIMIT

*Less than the required volume of sample was available for extraction, thus, higher than normal detection limits.

COMPOUND LIST -- BASE-METHANOL EXTRACTABLE ORGANICS (PART 1)

COMPOUND SAMPLE NUMBER: 23233
 SAMPLE IDENTIFIER: 1110

COMPOUND	CONCENTRATION (UG/L)	DETECTION LIMIT (UG/L)
208	NDL	25
209	NDL	25
210	NDL	25
211	NDL	25
212	NDL	25
213	NDL	25
214	NDL	25
215	NDL	25
216	NDL	25
217	NDL	25
218	NDL	25
219	NDL	25
220	NDL	25
221	NDL	25
222	NDL	25
223	NDL	25
224	NDL	25
225	NDL	25
226	NDL	25
227	NDL	25
228	NDL	25
229	NDL	25
230	NDL	25
231	NDL	25
232	NDL	25
233	NDL	25
234	NDL	25
235	NDL	25
236	NDL	25
237	NDL	25
238	NDL	25
239	NDL	25
240	NDL	25
241	NDL	25
242	NDL	25
243	NDL	25
244	NDL	25
245	NDL	25
246	NDL	25
247	NDL	25
248	NDL	25
249	NDL	25
250	NDL	25
251	NDL	25
252	NDL	25
253	NDL	25
254	NDL	25
255	NDL	25
256	NDL	25
257	NDL	25
258	NDL	25
259	NDL	25
260	NDL	25
261	NDL	25
262	NDL	25
263	NDL	25
264	NDL	25
265	NDL	25
266	NDL	25
267	NDL	25
268	NDL	25
269	NDL	25
270	NDL	25
271	NDL	25
272	NDL	25
273	NDL	25
274	NDL	25
275	NDL	25
276	NDL	25
277	NDL	25
278	NDL	25
279	NDL	25
280	NDL	25
281	NDL	25
282	NDL	25
283	NDL	25
284	NDL	25
285	NDL	25
286	NDL	25
287	NDL	25
288	NDL	25
289	NDL	25
290	NDL	25
291	NDL	25
292	NDL	25
293	NDL	25
294	NDL	25
295	NDL	25
296	NDL	25
297	NDL	25
298	NDL	25
299	NDL	25
300	NDL	25

NDL = BELOW DETECTION LIMIT
 All data are reported unless a sample was analyzed for extraction, then, higher than normal detection limits.

COMPOUND LIST -- PESTICIDES/PCB'S

SAMPLE IDENTIFIER: 41150
 COMPUCHEM SAMPLE NUMBER: 37233

	CONCENTRATION (UG/L)	DETECTION* LIMIT (UG/L)
1P. ALDRIN	BDL	25
2P. ALPHA-BHC	BDL	25
3P. BETA-BHC	BDL	25
4P. GAMMA-BHC	BDL	25
5P. DELTA-BHC	BDL	25
6P. CHLORDANE	BDL	25
7P. 4,4'-DDT	BDL	25
8P. 4,4'-DDE	BDL	25
9P. 4,4'-DDD	BDL	25
10P. DIELDRIN	BDL	25
11P. ALPHA-ENDOSULFAN	BDL	25
12P. BETA-ENDOSULFAN	BDL	25
13P. ENDOSULFAN SULFATE	BDL	25
14P. ENDRIN	BDL	25
15P. ENDRIN ALDEHYDE	BDL	25
16P. HEPTACHLOR	BDL	25
17P. HEPTACHLOR EPOXIDE	BDL	25
18P. PCB-1242	BDL	25
19P. PCB-1254	BDL	25
20P. PCB-1221	BDL	25
21P. PCB-1232	BDL	25
22P. PCB-1248	BDL	25
23P. PCB-1260	BDL	25
24P. PCB-1016	BDL	25
25P. TOXAPHENE	BDL	25

BDL=BELOW DETECTION LIMIT

*Less than the required volume of sample was available for extraction,
 thus, higher than normal detection limits.

GROUNDWATER PESTICIDE ANALYSIS

GROUNDWATER SAMPLE NUMBER: 02033
 SAMPLE IDENTIFIER: 4117

DETECTION LIMIT (PPB)	CONCENTRATION (PPB)	NAME	STATUS
25	ND	ALDRIN	17
25	ND	ALDRIN	20
25	ND	BETA-SIC	30
25	ND	BETA-SIC	40
25	ND	BETA-SIC	50
25	ND	BETA-SIC	60
25	ND	BETA-SIC	70
25	ND	BETA-SIC	80
25	ND	BETA-SIC	90
25	ND	BETA-SIC	100
25	ND	BETA-SIC	110
25	ND	BETA-SIC	120
25	ND	BETA-SIC	130
25	ND	BETA-SIC	140
25	ND	BETA-SIC	150
25	ND	BETA-SIC	160
25	ND	BETA-SIC	170
25	ND	BETA-SIC	180
25	ND	BETA-SIC	190
25	ND	BETA-SIC	200
25	ND	BETA-SIC	210
25	ND	BETA-SIC	220
25	ND	BETA-SIC	230
25	ND	BETA-SIC	240
25	ND	BETA-SIC	250
25	ND	BETA-SIC	260
25	ND	BETA-SIC	270
25	ND	BETA-SIC	280
25	ND	BETA-SIC	290
25	ND	BETA-SIC	300
25	ND	BETA-SIC	310
25	ND	BETA-SIC	320
25	ND	BETA-SIC	330
25	ND	BETA-SIC	340
25	ND	BETA-SIC	350
25	ND	BETA-SIC	360
25	ND	BETA-SIC	370
25	ND	BETA-SIC	380
25	ND	BETA-SIC	390
25	ND	BETA-SIC	400
25	ND	BETA-SIC	410
25	ND	BETA-SIC	420
25	ND	BETA-SIC	430
25	ND	BETA-SIC	440
25	ND	BETA-SIC	450
25	ND	BETA-SIC	460
25	ND	BETA-SIC	470
25	ND	BETA-SIC	480
25	ND	BETA-SIC	490
25	ND	BETA-SIC	500
25	ND	BETA-SIC	510
25	ND	BETA-SIC	520
25	ND	BETA-SIC	530
25	ND	BETA-SIC	540
25	ND	BETA-SIC	550
25	ND	BETA-SIC	560
25	ND	BETA-SIC	570
25	ND	BETA-SIC	580
25	ND	BETA-SIC	590
25	ND	BETA-SIC	600
25	ND	BETA-SIC	610
25	ND	BETA-SIC	620
25	ND	BETA-SIC	630
25	ND	BETA-SIC	640
25	ND	BETA-SIC	650
25	ND	BETA-SIC	660
25	ND	BETA-SIC	670
25	ND	BETA-SIC	680
25	ND	BETA-SIC	690
25	ND	BETA-SIC	700
25	ND	BETA-SIC	710
25	ND	BETA-SIC	720
25	ND	BETA-SIC	730
25	ND	BETA-SIC	740
25	ND	BETA-SIC	750
25	ND	BETA-SIC	760
25	ND	BETA-SIC	770
25	ND	BETA-SIC	780
25	ND	BETA-SIC	790
25	ND	BETA-SIC	800
25	ND	BETA-SIC	810
25	ND	BETA-SIC	820
25	ND	BETA-SIC	830
25	ND	BETA-SIC	840
25	ND	BETA-SIC	850
25	ND	BETA-SIC	860
25	ND	BETA-SIC	870
25	ND	BETA-SIC	880
25	ND	BETA-SIC	890
25	ND	BETA-SIC	900
25	ND	BETA-SIC	910
25	ND	BETA-SIC	920
25	ND	BETA-SIC	930
25	ND	BETA-SIC	940
25	ND	BETA-SIC	950
25	ND	BETA-SIC	960
25	ND	BETA-SIC	970
25	ND	BETA-SIC	980
25	ND	BETA-SIC	990
25	ND	BETA-SIC	1000

and record retention...
 these data are not to be used for...
 the...
 the...
 the...

LABORATORY CHRONICLE

SAMPLE IDENTIFIER: 41153
COMPUCHEM SAMPLE NUMBER: 37237

	<u>Date</u>
Received/Refrigerated	10/24/84
Organics	
Extracted	10/25/84
Analyzed	
1. Volatiles	Not Requested
2. Acids	10/31/84
3. Base/Neutrals	11/01/84
4. Pesticides/PCBS	11/01/84
Inorganics	
1. Metals	Not Requested
2. Cyanide	Not Requested
3. Phenol	Not Requested

LABORATORY CHRONICLE

CONDUCTED SAMPLE NUMBER: 11113
SAMPLE IDENTIFIER: 11113

Date

11/13/84

Location

Physics

11/13/84

Expected

Analysis

Not Requested

11/13/84

11/13/84

11/13/84

11/13/84

11/13/84

11/13/84

11/13/84

Not Requested

11/13/84

Not Requested

11/13/84

Not Requested

11/13/84

COMPOUND LIST

--

ACID EXTRACTABLE ORGANICS

SAMPLE IDENTIFIER: 41153
COMPUCHEM SAMPLE NUMBER: 37237

		<u>CONCENTRATION</u> <u>(UG/L)</u>	<u>DETECTION</u> <u>LIMIT</u> <u>(UG/L)</u>
1A.	PHENOL	BDL	25
2A.	2-CHLOROPHENOL	BDL	25
3A.	2-NITROPHENOL	BDL	25
4A.	2,4-DIMETHYLPHENOL	BDL	25
5A.	2,4-DICHLOROPHENOL	BDL	25
6A.	P-CHLORO-M-CRESOL	BDL	25
7A.	2,4,6-TRICHLOROPHENOL	BDL	25
8A.	2,4-DINITROPHENOL	BDL	250
9A.	4-NITROPHENOL	BDL	25
10A.	4,6-DINITRO-O-CRESOL	BDL	250
11A.	PENTACHLOROPHENOL	BDL	25

BDL=BELOW DETECTION LIMIT

COMPOUND LIST

--

BASE-NEUTRAL EXTRACTABLE ORGANICS

SAMPLE IDENTIFIER: 41153
COMPUCHEM SAMPLE NUMBER: 37237

	CONCENTRATION (UG/L)	DETECTION LIMIT (UG/L)
1B. N-NITROSODIMETHYLAMINE	BDL	10
2B. BIS (2-CHLOROETHYL) ETHER	BDL	10
3B. 1,3-DICHLOROBENZENE	BDL	10
4B. 1,4-DICHLOROBENZENE	BDL	10
5B. 1,2-DICHLOROBENZENE	BDL	10
6B. BIS (2-CHLOROISOPROPYL) ETHER	BDL	10
7B. HEXACHLOROETHANE	BDL	10
8B. N-NITROSODI-N-PROPYLAMINE	BDL	10
9B. NITROBENZENE	BDL	10
10B. ISOPHORONE	BDL	10
11B. BIS(2-CHLOROETHOXY) METHANE	BDL	10
12B. 1,2,4-TRICHLOROBENZENE	BDL	10
13B. NAPHTHALENE	BDL	10
14B. HEXACHLOROBUTADIENE	BDL	10
15B. HEXACHLOROCYCLOPENTADIENE	BDL	10
16B. 2-CHLORONAPHTHALENE	BDL	10
17B. DIMETHYLPHTHALATE	BDL	10
18B. ACENAPHTHYLENE	BDL	10
19B. 2,6-DINITROTOLUENE	BDL	10
20B. ACENAPHTHENE	BDL	10
21B. 2,4-DINITROTOLUENE	BDL	10
22B. DIETHYLPHTHALATE	BDL	10
23B. FLUORENE	BDL	10
24B. 4-CHLOROPHENYL PHENYL ETHER	BDL	10
25B. DIPHENYLAMINE (N-NITROSO)	BDL	10
26B. 1,2-DIPHENYLHYDRAZINE (AZOBENZENE)	BDL	10
27B. 4-BROMOPHENYL PHENYL ETHER	BDL	10
28B. HEXACHLOROBENZENE	BDL	10

(Continued)

BDL=BELOW DETECTION LIMIT

COMPOUND LIST -- BASE-NEUTRAL EXTRACTABLE ORGANICS (Page Two)

SAMPLE IDENTIFIER: 41153
 COMPUCHEM SAMPLE NUMBER: 37237

	CONCENTRATION (UG/L)	DETECTION LIMIT (UG/L)
29B. PHENANTHRENE	BDL	10
30B. ANTHRACENE	BDL	10
31B. DI-N-BUTYLPHTHALATE	BDL	10
32B. FLUORANTHENE	BDL	10
33B. BENZIDINE	BDL	10
34B. PYRENE	BDL	10
35B. BUTYLBENZYLPHTHALATE	BDL	10
36B. BENZO(A)ANTHRACENE	BDL	10
37B. 3,3'-DICHLOROBENZIDINE	BDL	10
38B. CHRYSENE	BDL	10
39B. BIS(2-ETHYLHEXYL)PHTHALATE	11	10
40B. DI-N-OCTYLPHTHALATE	BDL	10
41B. BENZO(B)FLUORANTHENE	BDL	10
42B. BENZO(K)FLUORANTHENE	BDL	10
43B. BENZO(A)PYRENE	BDL	10
44B. INDENO(1,2,3-C,D)PYRENE	BDL	25
45B. DIBENZO(A,H)ANTHRACENE	BDL	25
46B. BENZO(G,H,I)PERYLENE	BDL	25

BDL=BELOW DETECTION LIMIT

COMPOUND LIST -- BASE-NEUTRAL EXTRACTABLE BRONCHITIS (9909 T.00)

SAMPLE IDENTIFIER: 41153
 CONCHOH # SAMPLE NUMBER: 37233

DETECTION LIMIT (UOV)	CONCENTRATION (UOV)	IDENTIFICATION
10	BDL	BENZO(A)PYRENE
10	BDL	ANTHRACENE
10	BDL	FLUORANTHENE
10	BDL	PHENANTHRENE
10	BDL	FLUORANTHENE
10	BDL	PERYLENE
10	BDL	BENZO(A)ANTHRACENE
10	BDL	BENZO(B)FLUORANTHENE
10	BDL	BENZO(K)FLUORANTHENE
10	BDL	BENZO(E)FLUORANTHENE
10	BDL	BENZO(A)PYRENE
10	BDL	INDENO(1,2,3-cd)PYRENE
10	BDL	DIBENZO(A,H)ANTHRACENE
10	BDL	BENZO(G,H,I)PERYLENE
10	BDL	BENZO(A)ANTHRACENE
10	BDL	3,4-DIBENZO(P,Q)ANTHRACENE
10	BDL	CHRYSENE
10	BDL	BIS(2-ETHYLHEXYL)PHTHALATE
10	BDL	DI-N-OCTYL PHTHALATE
10	BDL	BENZO(A)FLUORANTHENE
10	BDL	BENZO(K)FLUORANTHENE
10	BDL	BENZO(A)PYRENE
10	BDL	INDENO(1,2,3-cd)PYRENE
10	BDL	DIBENZO(A,H)ANTHRACENE
10	BDL	BENZO(G,H,I)PERYLENE

BDL-BELOW DETECTION LIMIT

9909 T.00

COMPOUND LIST -- PESTICIDES/PCB'S

SAMPLE IDENTIFIER: 41153
 COMPUCHEM SAMPLE NUMBER: 37237

	CONCENTRATION (UG/L)	DETECTION LIMIT (UG/L)
1P. ALDRIN	BDL	10
2P. ALPHA-BHC	BDL	10
3P. BETA-BHC	BDL	10
4P. GAMMA-BHC	BDL	10
5P. DELTA-BHC	BDL	10
6P. CHLORDANE	BDL	10
7P. 4,4'-DDT	BDL	10
8P. 4,4'-DDE	BDL	10
9P. 4,4'-DDD	BDL	10
10P. DIELDRIN	BDL	10
11P. ALPHA-ENDOSULFAN	BDL	10
12P. BETA-ENDOSULFAN	BDL	10
13P. ENDOSULFAN SULFATE	BDL	10
14P. ENDRIN	BDL	10
15P. ENDRIN ALDEHYDE	BDL	10
16P. HEPTACHLOR	BDL	10
17P. HEPTACHLOR EPOXIDE	BDL	10
18P. PCB-1242	BDL	10
19P. PCB-1254	BDL	10
20P. PCB-1221	BDL	10
21P. PCB-1232	BDL	10
22P. PCB-1248	BDL	10
23P. PCB-1260	BDL	10
24P. PCB-1016	BDL	10
25P. TOXAPHENE	BDL	10

BDL=BELOW DETECTION LIMIT

LABORATORY CHRONICLE

SAMPLE IDENTIFIER: 41154
COMPUCHEM SAMPLE NUMBER: 37238

	<u>Date</u>
Received/Refrigerated	10/24/84
Organics	
Extracted	10/25/84
Analyzed	
1. Volatiles	Not Requested
2. Acids	10/31/84
3. Base/Neutrals	11/01/84
4. Pesticides/PCBS	11/01/84
Inorganics	
1. Metals	Not Requested
2. Cyanide	Not Requested
3. Phenol	Not Requested

POND APPLIED

LABORATORY REPORT

COMPOUND SAMPLE NUMBER: 1124
 SAMPLE IDENTIFIER: 1124

Date	Concentration	Order	Analysis
10/24/84	100000	1. Volatiles	Not Requested
10/24/84	100000	2. Acids	100000
10/24/84	100000	3. Base/Neutral	100000
10/24/84	100000	4. Residues/PCs	100000
		Inorganics	
		1. Metals	Not Requested
		2. Cyanide	Not Requested
		3. Phosph	Not Requested

COMPOUND LIST

--

ACID EXTRACTABLE ORGANICS

SAMPLE IDENTIFIER: 41154
COMPUCHEM SAMPLE NUMBER: 37238

	<u>CONCENTRATION</u> <u>(UG/L)</u>	<u>DETECTION</u> <u>LIMIT</u> <u>(UG/L)</u>
1A. PHENOL	BDL	25
2A. 2-CHLOROPHENOL	BDL	25
3A. 2-NITROPHENOL	BDL	25
4A. 2,4-DIMETHYLPHENOL	BDL	25
5A. 2,4-DICHLOROPHENOL	BDL	25
6A. P-CHLORO-M-CRESOL	BDL	25
7A. 2,4,6-TRICHLOROPHENOL	BDL	25
8A. 2,4-DINITROPHENOL	BDL	250
9A. 4-NITROPHENOL	BDL	25
10A. 4,6-DINITRO-O-CRESOL	BDL	250
11A. PENTACHLOROPHENOL	BDL	25

BDL=BELOW DETECTION LIMIT

COMPOUND SAMPLE NUMBER: 11328
SAMPLE IDENTIFY: 11328

DEFINITION	CONCENTRATION (UG/L)	DEFINITION	CONCENTRATION (UG/L)
97	301	11	21.00
98	302	12	21.00
99	303	13	21.00
100	304	14	21.00
101	305	15	21.00
102	306	16	21.00
103	307	17	21.00
104	308	18	21.00
105	309	19	21.00
106	310	20	21.00
107	311	21	21.00
108	312	22	21.00
109	313	23	21.00
110	314	24	21.00
111	315	25	21.00
112	316	26	21.00
113	317	27	21.00
114	318	28	21.00
115	319	29	21.00
116	320	30	21.00
117	321	31	21.00
118	322	32	21.00
119	323	33	21.00
120	324	34	21.00
121	325	35	21.00
122	326	36	21.00
123	327	37	21.00
124	328	38	21.00
125	329	39	21.00
126	330	40	21.00
127	331	41	21.00
128	332	42	21.00
129	333	43	21.00
130	334	44	21.00
131	335	45	21.00
132	336	46	21.00
133	337	47	21.00
134	338	48	21.00
135	339	49	21.00
136	340	50	21.00
137	341	51	21.00
138	342	52	21.00
139	343	53	21.00
140	344	54	21.00
141	345	55	21.00
142	346	56	21.00
143	347	57	21.00
144	348	58	21.00
145	349	59	21.00
146	350	60	21.00
147	351	61	21.00
148	352	62	21.00
149	353	63	21.00
150	354	64	21.00
151	355	65	21.00
152	356	66	21.00
153	357	67	21.00
154	358	68	21.00
155	359	69	21.00
156	360	70	21.00
157	361	71	21.00
158	362	72	21.00
159	363	73	21.00
160	364	74	21.00
161	365	75	21.00
162	366	76	21.00
163	367	77	21.00
164	368	78	21.00
165	369	79	21.00
166	370	80	21.00
167	371	81	21.00
168	372	82	21.00
169	373	83	21.00
170	374	84	21.00
171	375	85	21.00
172	376	86	21.00
173	377	87	21.00
174	378	88	21.00
175	379	89	21.00
176	380	90	21.00
177	381	91	21.00
178	382	92	21.00
179	383	93	21.00
180	384	94	21.00
181	385	95	21.00
182	386	96	21.00
183	387	97	21.00
184	388	98	21.00
185	389	99	21.00
186	390	100	21.00

11/11/2005

11/11/2005

11/11/2005

COMPOUND LIST

--

BASE-NEUTRAL EXTRACTABLE ORGANICS

SAMPLE IDENTIFIER: 41154
COMPUCHEM SAMPLE NUMBER: 37238

	CONCENTRATION (UG/L)	DETECTION LIMIT (UG/L)
1B. N-NITROSODIMETHYLAMINE	BDL	10
2B. BIS (2-CHLOROETHYL) ETHER	BDL	10
3B. 1,3-DICHLOROBENZENE	BDL	10
4B. 1,4-DICHLOROBENZENE	BDL	10
5B. 1,2-DICHLOROBENZENE	BDL	10
6B. BIS (2-CHLOROISOPROPYL) ETHER	BDL	10
7B. HEXACHLOROETHANE	BDL	10
8B. N-NITROSODI-N-PROPYLAMINE	BDL	10
9B. NITROBENZENE	BDL	10
10B. ISOPHORONE	BDL	10
11B. BIS(2-CHLOROETHOXY) METHANE	BDL	10
12B. 1,2,4-TRICHLOROBENZENE	BDL	10
13B. NAPHTHALENE	BDL	10
14B. HEXACHLOROBUTADIENE	BDL	10
15B. HEXACHLOROCYCLOPENTADIENE	BDL	10
16B. 2-CHLORONAPHTHALENE	BDL	10
17B. DIMETHYLPHTHALATE	BDL	10
18B. ACENAPHTHYLENE	BDL	10
19B. 2,6-DINITROTOLUENE	BDL	10
20B. ACENAPHTHENE	BDL	10
21B. 2,4-DINITROTOLUENE	BDL	10
22B. DIETHYLPHTHALATE	BDL	10
23B. FLUORENE	BDL	10
24B. 4-CHLOROPHENYL PHENYL ETHER	BDL	10
25B. DIPHENYLAMINE (N-NITROSO)	BDL	10
26B. 1,2-DIPHENYLHYDRAZINE (AZOBENZENE)	BDL	10
27B. 4-BROMOPHENYL PHENYL ETHER	BDL	10
28B. HEXACHLOROBENZENE	BDL	10

(Continued)

BDL=BELOW DETECTION LIMIT

COMPOUND LIST -- BASE-NEUTRAL EXTRACTABLE ORGANICS (Page Two)

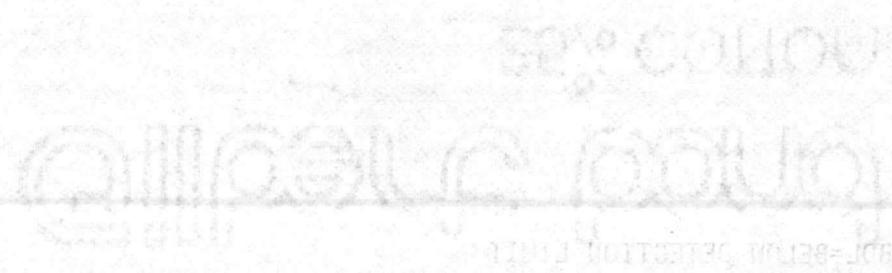
SAMPLE IDENTIFIER: 41154
 COMPUCHEM SAMPLE NUMBER: 37238

	CONCENTRATION (UG/L)	DETECTION LIMIT (UG/L)
29B. PHENANTHRENE	BDL	10
30B. ANTHRACENE	BDL	10
31B. DI-N-BUTYLPHTHALATE	BDL	10
32B. FLUORANTHENE	BDL	10
33B. BENZIDINE	BDL	10
34B. PYRENE	BDL	10
35B. BUTYLBENZYLPHTHALATE	BDL	10
36B. BENZO(A)ANTHRACENE	BDL	10
37B. 3,3'-DICHLOROBENZIDINE	BDL	10
38B. CHRYSENE	BDL	10
39B. BIS(2-ETHYLHEXYL)PHTHALATE	13	10
40B. DI-N-OCTYLPHTHALATE	BDL	10
41B. BENZO(B)FLUORANTHENE	BDL	10
42B. BENZO(K)FLUORANTHENE	BDL	10
43B. BENZO(A)PYRENE	BDL	10
44B. INDENO(1,2,3-C,D)PYRENE	BDL	25
45B. DIBENZO(A,H)ANTHRACENE	BDL	25
46B. BENZO(G,H,I)PERYLENE	BDL	25

BDL=BELOW DETECTION LIMIT

CONDUCHEN SAMPLE NUMBER: 34338
 SAMPLE IDENTIFIER: 115A

DETECTION LIMIT (UG/L)	CONCENTRATION (UG/L)	NAME	NO.
10	ND	PHENANTHRENE	188
10	ND	ANTHRACENE	189
10	ND	DI-BENZYL PHTHALATE	190
10	ND	FLUORANTHENE	191
10	ND	ACETOPHENONE	192
10	ND	CHRYSENE	193
10	ND	BUTYL-BENZYL PHTHALATE	194
10	ND	BENZO(A)ANTHRACENE	195
10	ND	2,9-DICHLOROBENZOTHIAZOLE	196
10	ND	CHRYSENE	197
10	13	DI(2-ETHYLHEXYL)PHTHALATE	198
10	ND	DI-N-OCTYL PHTHALATE	199
10	ND	BENZO(B)FLUORANTHENE	200
10	ND	BENZO(K)FLUORANTHENE	201
10	ND	BENZO(A)PYRENE	202
25	ND	INDENOL(1,2,3-C)PYRENE	203
25	ND	DI-BENZO(A)HETEROCYCLOPENTADIENE	204
25	ND	BENZO(G)HETEROCYCLOPENTADIENE	205



COMPOUND LIST -- PESTICIDES/PCB'S

SAMPLE IDENTIFIER: 41154
 COMPUCHEM SAMPLE NUMBER: 37238

	<u>CONCENTRATION</u> (UG/L)	<u>DETECTION</u> <u>LIMIT</u> (UG/L)
1P. ALDRIN	BDL	10
2P. ALPHA-BHC	BDL	10
3P. BETA-BHC	BDL	10
4P. GAMMA-BHC	BDL	10
5P. DELTA-BHC	BDL	10
6P. CHLORDANE	BDL	10
7P. 4,4'-DDT	BDL	10
8P. 4,4'-DDE	BDL	10
9P. 4,4'-DDD	BDL	10
10P. DIELDRIN	BDL	10
11P. ALPHA-ENDOSULFAN	BDL	10
12P. BETA-ENDOSULFAN	BDL	10
13P. ENDOSULFAN SULFATE	BDL	10
14P. ENDRIN	BDL	10
15P. ENDRIN ALDEHYDE	BDL	10
16P. HEPTACHLOR	BDL	10
17P. HEPTACHLOR EPOXIDE	BDL	10
18P. PCB-1242	BDL	10
19P. PCB-1254	BDL	10
20P. PCB-1221	BDL	10
21P. PCB-1232	BDL	10
22P. PCB-1248	BDL	10
23P. PCB-1260	BDL	10
24P. PCB-1016	BDL	10
25P. TOXAPHENE	BDL	10

BDL=BELOW DETECTION LIMIT

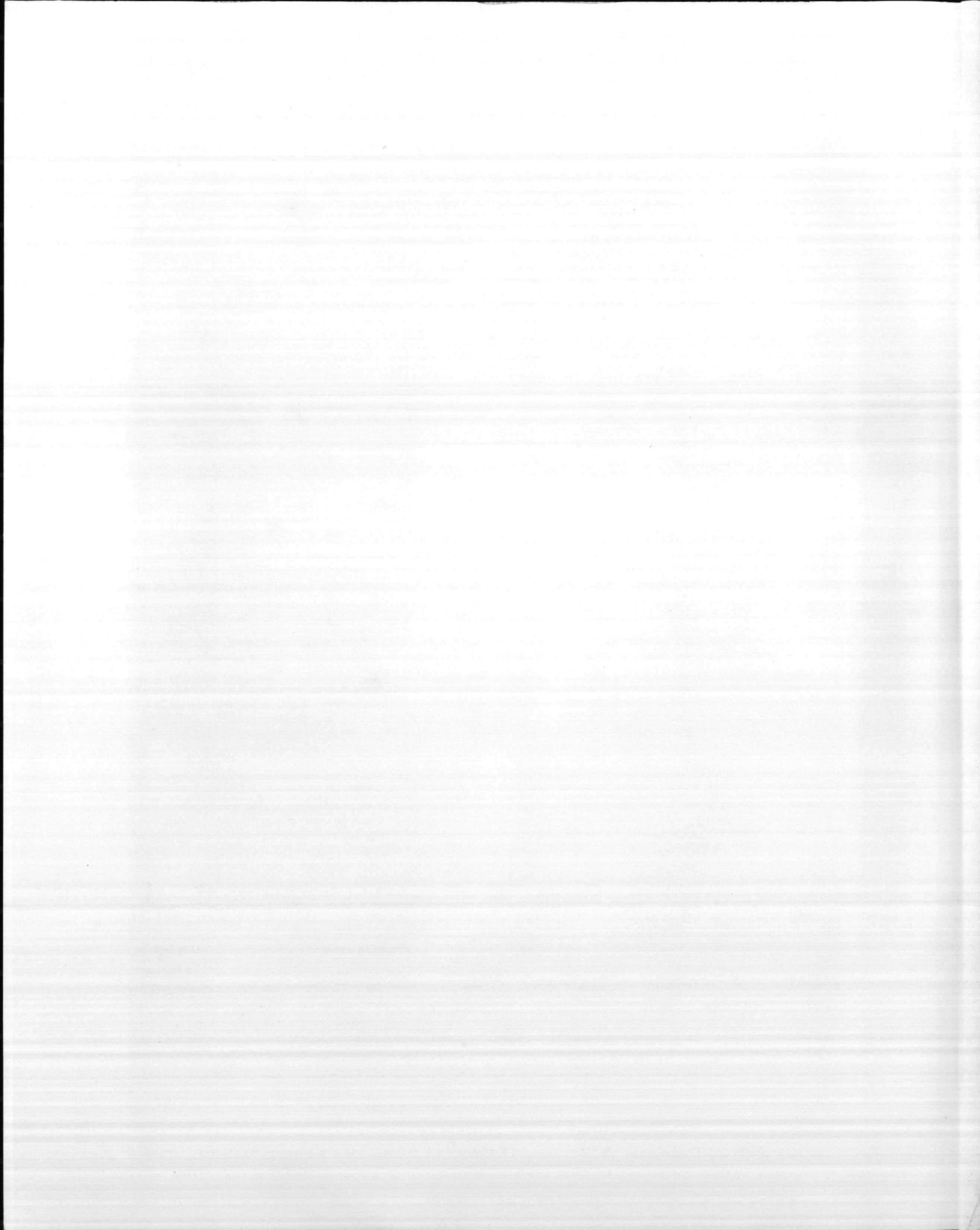
NO. 100-23

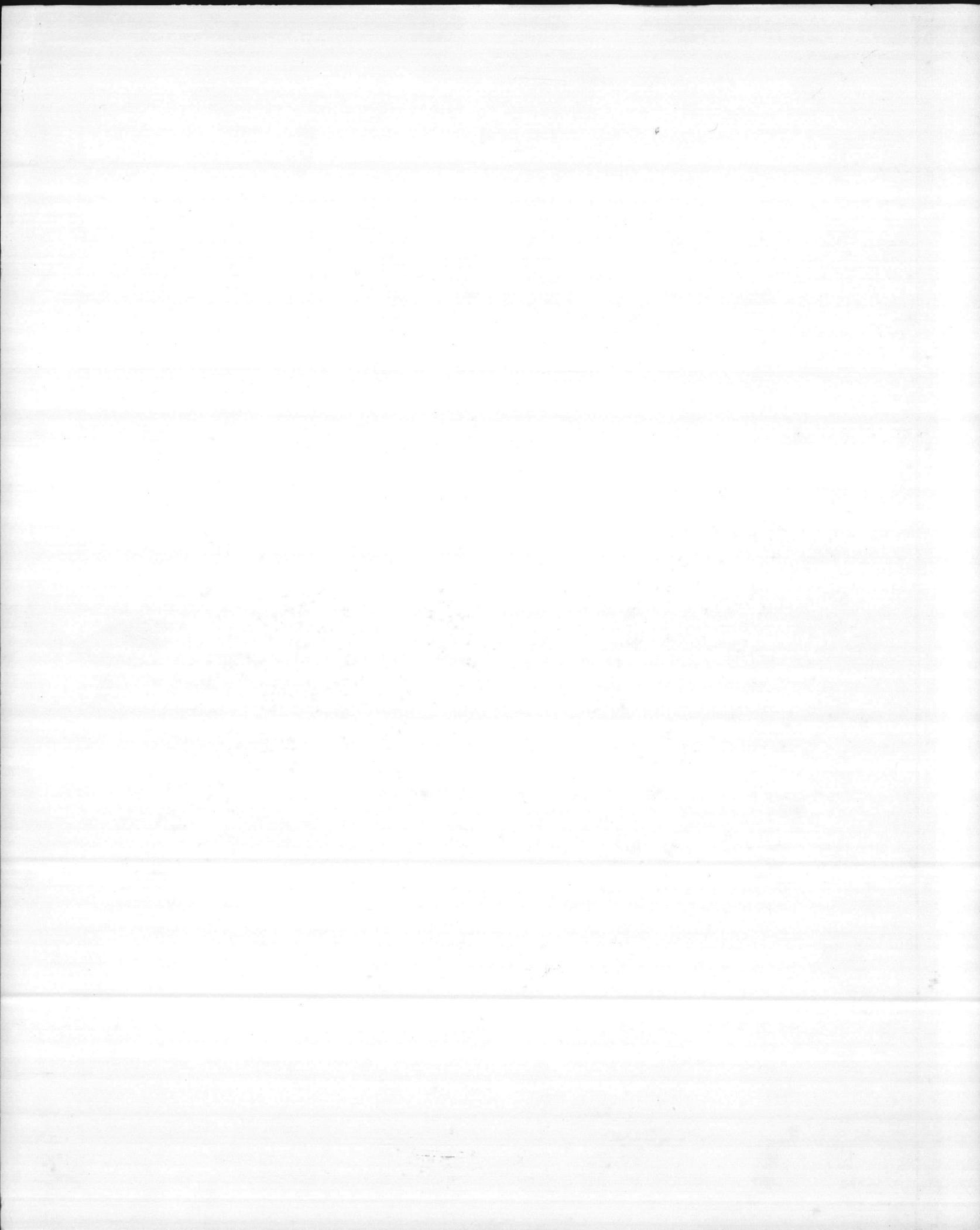
RESISTOR WORKS
1000 1/2 ST. N. W. ALBANY, N. Y.

CONDUIT SAMPLE NUMBER: 37-38
SAMPLE IDENTIFIER: 117A

DETECTION LIMIT (UG/L)	CONCENTRATION (UG/L)		
10	BDL	ALCOHOL	10
10	BDL	ALPHA-9HC	20
10	BDL	BETA-9HC	20
10	BDL	GAMMA-9HC	40
10	BDL	DELTA-9HC	20
10	BDL	CHLORANE	20
10	BDL	A, 1'-DIT	20
10	BDL	A, 1'-DDE	20
10	BDL	A, 2'-DDE	20
10	BDL	DIBENZIN	100
10	BDL	ALPHA-ENOSULFAN	100
10	BDL	BETA-ENOSULFAN	100
10	BDL	ENOSULFAN SULFATE	100
10	BDL	ENONIN	100
10	BDL	ENONIN ALCOHOL	100
10	BDL	HEPACHLOR	100
10	BDL	HEPTACHLOR EPOXIDE	100
10	BDL	PCB-1543	100
10	BDL	PCB-1574	100
10	BDL	PCB-1577	100
10	BDL	PCB-1580	100
10	BDL	PCB-1582	100
10	BDL	PCB-1586	100
10	BDL	PCB-1016	100
10	BDL	TOXAPHEN	100

BDL=BELOW DETECTION LIMIT







UNITED STATES MARINE CORPS
Natural Resources and Environmental Affairs Division
Marine Corps Base
Camp Lejeune, North Carolina 29542

IN REPLY REFER TO:

5200
NREAD
22 August 1984

From: Director, Natural Resources and Environmental Affairs
Division
To: Traffic Management Officer, Marine Corps Base, Camp Lejeune
Subj: TRANSPORTATION OF LABORATORY SAMPLES; REQUEST FOR

1. Request shipment of 20 water samples by bus to CENTEC, Post Office Box 956, 2160 Industrial Drive, Salem, Virginia 24153. Point of contact Dave Thompkins, telephone (703) 387-3995.

P. E. Black

P. E. BLACK
Acting

TCN: M31000 4235 0238 XXX



RECEIVED
AUG 29 1984
PP&P
FEDERAL BUREAU OF INVESTIGATION
U.S. DEPARTMENT OF JUSTICE

PACKAGING AND PRESERVATION WORK REQUEST
 MCBCL 4020 (REV 3-70)

TO: PRESERVATION, PACKAGING AND PACKING BRANCH, MOWASP DIV., BMATBN, MCB, CLNC

FROM (UNIT) Quality Control Laboratory Natural Resources & EnvironAffairsDiv	DATE 22 August 1984	UNIT PRIORITY DESIGNATOR ASAP
PERSON FAMILIAR WITH WORK REQUESTED Ms. Elizabeth Betz	PHONE - 451-5977	BLDG NO. 65

FOLLOWING WORK IS REQUESTED

Package seven gallon jars, six quart jars and seven vials for shipment by bus by Freight Traffic

TYPE WORK REQUESTED (X)		(-)PACK <input type="checkbox"/>		LEVEL <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C		(-)PACK <input type="checkbox"/>		LEVEL <input type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> C	
CONSTRUCT	BOXES <input type="checkbox"/>	CRATES <input type="checkbox"/>	PAINT AND MARK <input type="checkbox"/>	TACTICAL MARK	<input type="checkbox"/> YES <input type="checkbox"/> NO				

DETAILS (LIST INSIDE DIMENSIONS IF CONSTRUCTION IS DESIRED; COLOR OF PAINT, PATTERN AND NUMBER OF TACTICAL MARK, ANY SPECIAL INSTRUCTIONS)

Container(s) must be insulated and large enough to hold samples and ice sufficient to keep samples cool for 32 hours. Ice will be provided by Laboratory.

*AA 432 0525 3228 T/4
 Ja Bluck*

DEAD LINE DELIVERY DATE 23 August 1984	WR NO.	SIGNATURE ELIZABETH BETZ					
Spaces On and Below This Line For P&P Use Only		JON CHARGEABLE					
		P&P CONTROL NO.					
WORK MEASUREMENT INFO PROJ 12				WORK MEASUREMENT INFO PROJ 11 & 94 TOTALS (LESS PROJ 12).			
NO. OF ITEMS	TONS	NO. OF PKGS		CUBE	WEIGHT	VEHICLES	BOXES BUILT



IF SPACES MARKED WITH AN ASTERISK (*) ARE FILLED IN, COMPLETE REVERSE SIDE

200

RECEIVED

1914

NOV 11 1914

RECEIVED

[Faint handwritten text]

NOV 11 1914

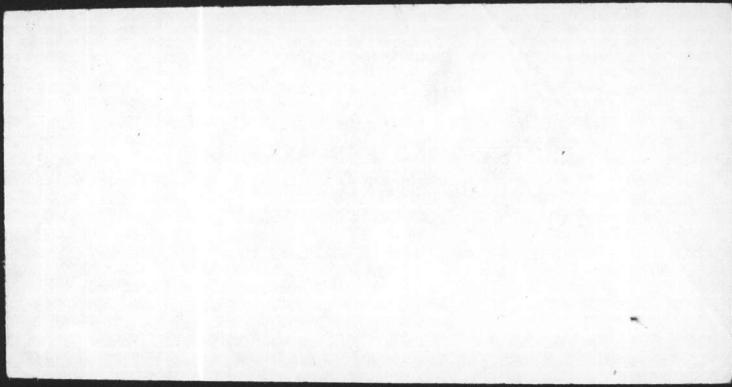
RECEIVED

NOV 11 1914

NOV 11 1914



LARRY F. BRANNEN
US-EPA
ENVIRONMENTAL SERVICES DIVISION
ENGINEERING SUPPORT BRANCH
COLLEGE STATION ROAD
ATHENS, GEORGIA 30613
1-404-546-3588/3117
FTS: 250-3588



W. E. ROWE, ENVIRONMENTAL ENGINEER

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

~~ENFORCEMENT DIVISION~~

Fed Act Coord.

3776

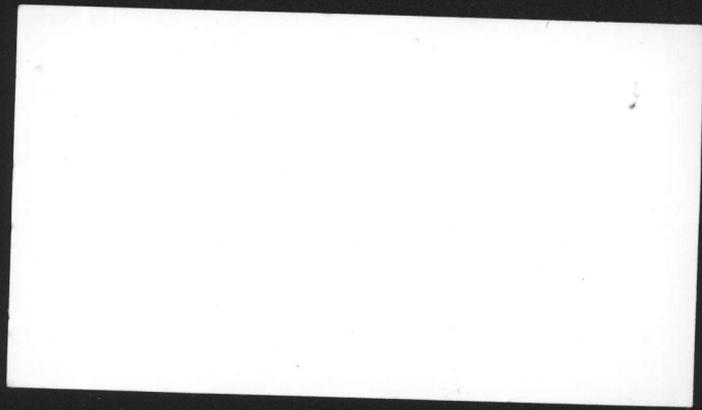
TELEPHONE: 404/881-4288

FTS/257-4898

3776

345 COURTLAND ST., N.E.

ATLANTA, GA 30365



Betsy: I will be using
This form to MAKE
Assignments to you, Ken
and New Soil Cons. Tech.

UNITED STATES MARINE CORPS
Resources and Environmental Affairs Division
Marine Corps Base
Camp Lejeune, North Carolina 29542

IN REPLY REFER TO:
5200
NREAD

24 July 1984

ologist
mist

at the work described in paragraph 2 below
be completed not later than 3 August 1984.

2. Description of assignment: Collect samples of effluent
from applicable point sources as required for
renewal of NPDES Permit, ship samples to
Centec Laboratories.

3. Please notify supervisor of any problems incurred relative to meeting deadline.

D. D. Sharpe
D. D. SHARPE

1911

1620.58

9376011

Betsy



UNITED STATES MARINE CORPS
Natural Resources and Environmental Affairs Division
Marine Corps Base
Camp Lejeune, North Carolina 29542

IN REPLY REFER TO:

5200
NREAD

24 July 1984

From: Supervisory Ecologist
To: Supervisory Chemist

Subj: WORK ASSIGNMENT

1. It is requested that the work described in paragraph 2 below be completed not later than 3 August 1984.

2. Description of assignment: Collect samples of effluent
from applicable point sources as required for
renewal of NPDES Permit, ship samples to
Centec Laboratories.

3. Please notify supervisor of any problems incurred relative to meeting deadline.

D. D. Sharpe
D. D. SHARPE

1680, 58

9376011

Betsy

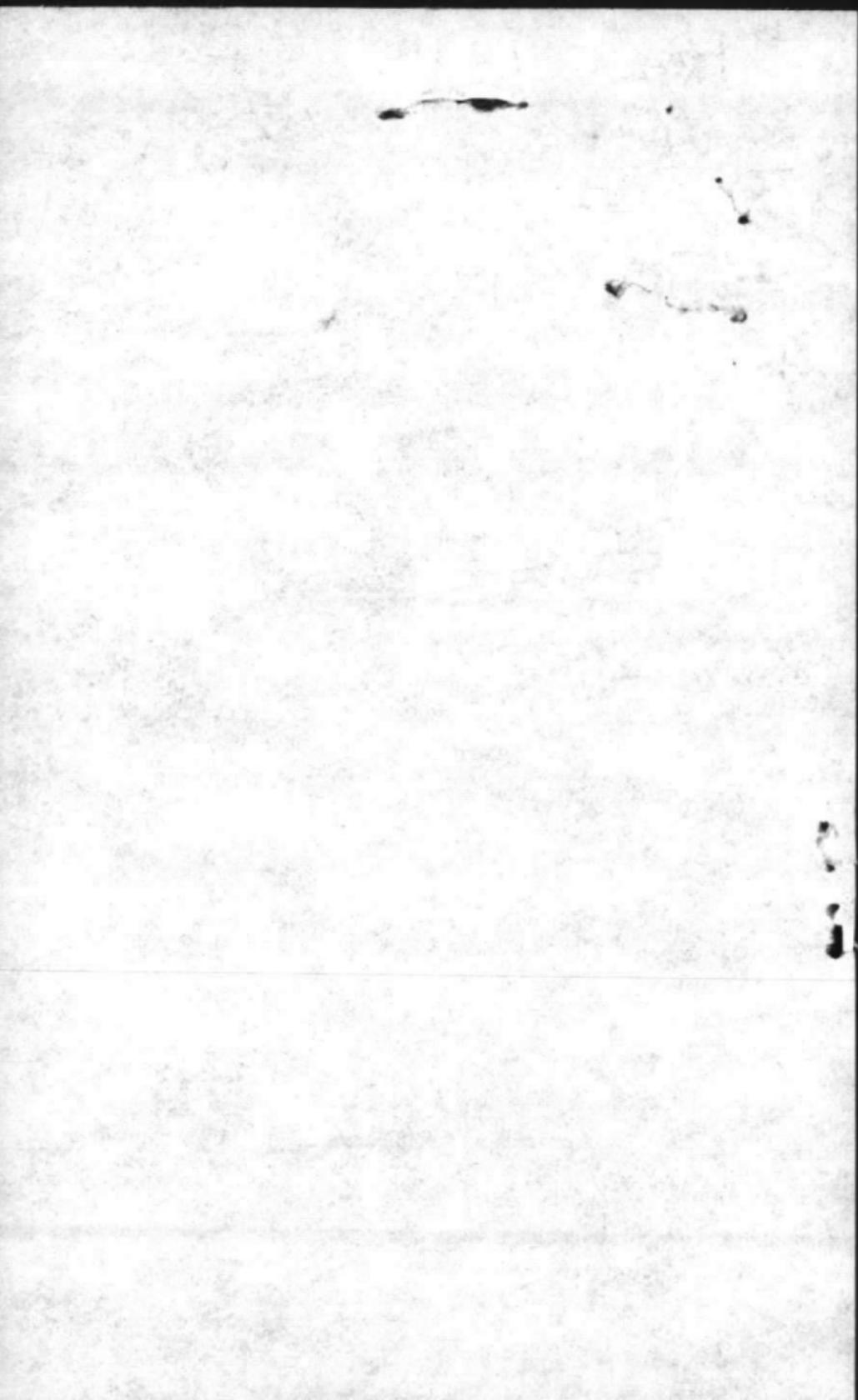
F&L
PARKER 564-9559

→ COMPOSITE (ZHR)

→ GRAB

OUR APPLICATION?
FORM

min. 8 ~~+~~ 100 ml



Centec 703-387-3995

Ref Sample Sheet 2/0 (Centec)

POC Dave Thompson

ICING for shipment

VOA - Vials 100 mL

US NAVY Contr 62470-82-7867

Water Plant
(Believed absent) for priority pollutants.

- MCAS pool
- Heating plant
- Bld. 1450

MAIN PLANT
(BLON DONN)

SEWAGE EFFLUENT - { 4 MASON JARS
1 VOA - VIALS

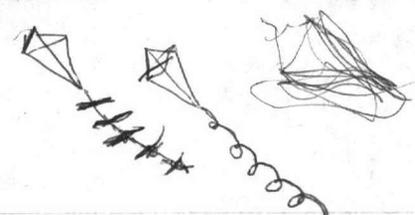
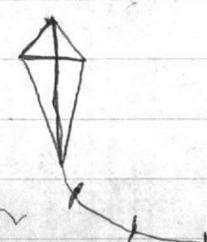
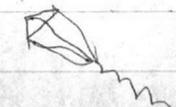
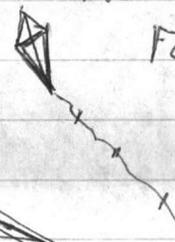
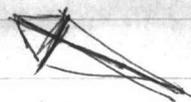
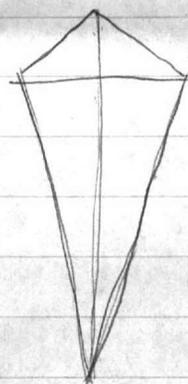
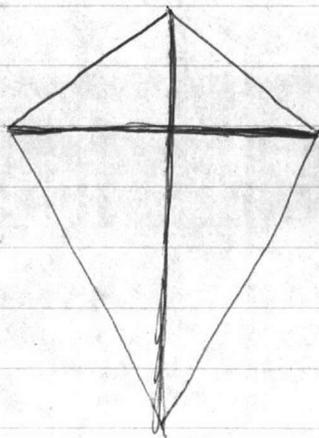
PLAN
COAL PILE RUNOFF
WATER EFFLUENT - { 2 MASON JARS
(BACKWASH D)

WATER TREATMENT @ ONGLOW BEACH

TOC
RE-NITRATE
FLUORIDES

CENTEC
P.O. Box 956
2100 INDUSTRIAL DR.
SALEM, VA 24153

DAVID



1411

1915

1915

1915

1915

1915

1915





UNITED STATES MARINE CORPS
Natural Resources and Environmental Affairs Division
Marine Corps Base
Camp Lejeune, North Carolina 29542

IN REPLY REFER TO:

5200
NREAD
30 Aug 1984

From: Director, Natural Resources and Environmental Affairs
Division
To: Traffic Management Officer, Marine Corps Base, Camp
Lejeune, North Carolina

Subj: TRANSPORTATION OF LABORATORY SAMPLES; REQUEST FOR

1. Request shipment of one carton containing two vials of water by bus to CENTEC, Post Office Box 956, 2160 Industrial Drive, Salem, Virginia 24153. Point of contact, Dave Thompkins, telephone (703)-387-3995.

J. I. Wooten
J. I. WOOTEN

TCN: M31000 4243 0245 XXX



XXX 2450 5192 000751 1001



PACKAGING AND PRESERVATION WORK REQUEST

MCBCL 4030 (REV 3 - 70)

TO: PRESERVATION, PACKAGING AND PACKING BRANCH, MOWASP DIV., BMBTBN, MCB, CLNC

FROM (UNIT) Quality Control Laboratory, NREAD	DATE 30 Aug 1984	UNIT PRIORITY DESIGNATOR ASAP
PERSON FAMILIAR WITH WORK REQUESTED Elizabeth Betz	PHONE 5977	BLDG NO. 65

FOLLOWING WORK IS REQUESTED

Package two vials for shipment by bus by Freight Traffic

TYPE WORK REQUESTED (X)							
(*)PACKAGE AND PRESERVE <input type="checkbox"/>	LEVEL <input type="checkbox"/> A	<input type="checkbox"/> B	<input type="checkbox"/> C	(*)PACK <input type="checkbox"/>	LEVEL <input type="checkbox"/> A	<input type="checkbox"/> B	<input type="checkbox"/> C
CONSTRUCT	BOXES <input type="checkbox"/>	CRATES <input type="checkbox"/>		PAINT AND MARK <input type="checkbox"/>	TACTICAL MARK	<input type="checkbox"/> YES	<input type="checkbox"/> NO

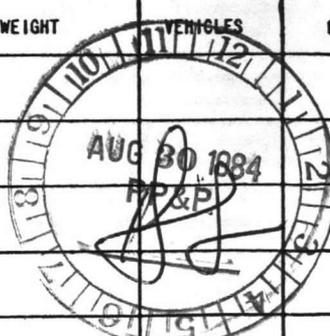
DETAILS (LIST INSIDE DIMENSIONS IF CONSTRUCTION IS DESIRED; COLOR OF PAINT, PATTERN AND NUMBER OF TACTICAL MARK, ANY SPECIAL INSTRUCTIONS)

Container must be insulated and large enough to hold samples and ice sufficient to keep samples cool for 32 hours. Ice will be provided by Laboratory.

AAA 32 0527 3228 T/U

DEAD LINE DELIVERY DATE 30 Aug 1984	WR NO.	SIGNATURE <i>Elizabeth Betz</i> ELIZABETH BETZ
Spaces On and Below This Line For P&P Use Only	JOB CHARGEABLE	P&P CONTROL NO.

WORK MEASUREMENT INFO PROJ 12				WORK MEASUREMENT INFO PROJ 11 & 94 TOTALS (LESS PROJ 12)			
NO. OF ITEMS	TONS	NO. OF PKGS		CUBE	WEIGHT	VEHICLES	BOXES BUILT



IF SPACES MARKED WITH AN ASTERISK (*) ARE FILLED IN, COMPLETE REVERSE SIDE

UNIVERSITY OF CALIFORNIA

OF THE

DEPARTMENT OF



Oil and Grease Analysis

Collected: 14 March 1985

Analyzed: 15 March 1985

Collected by: Huneycutt & Barbee

Analyzed by: Huneycutt

Procedure: Gravimetric, Separatory Funnel Extraction

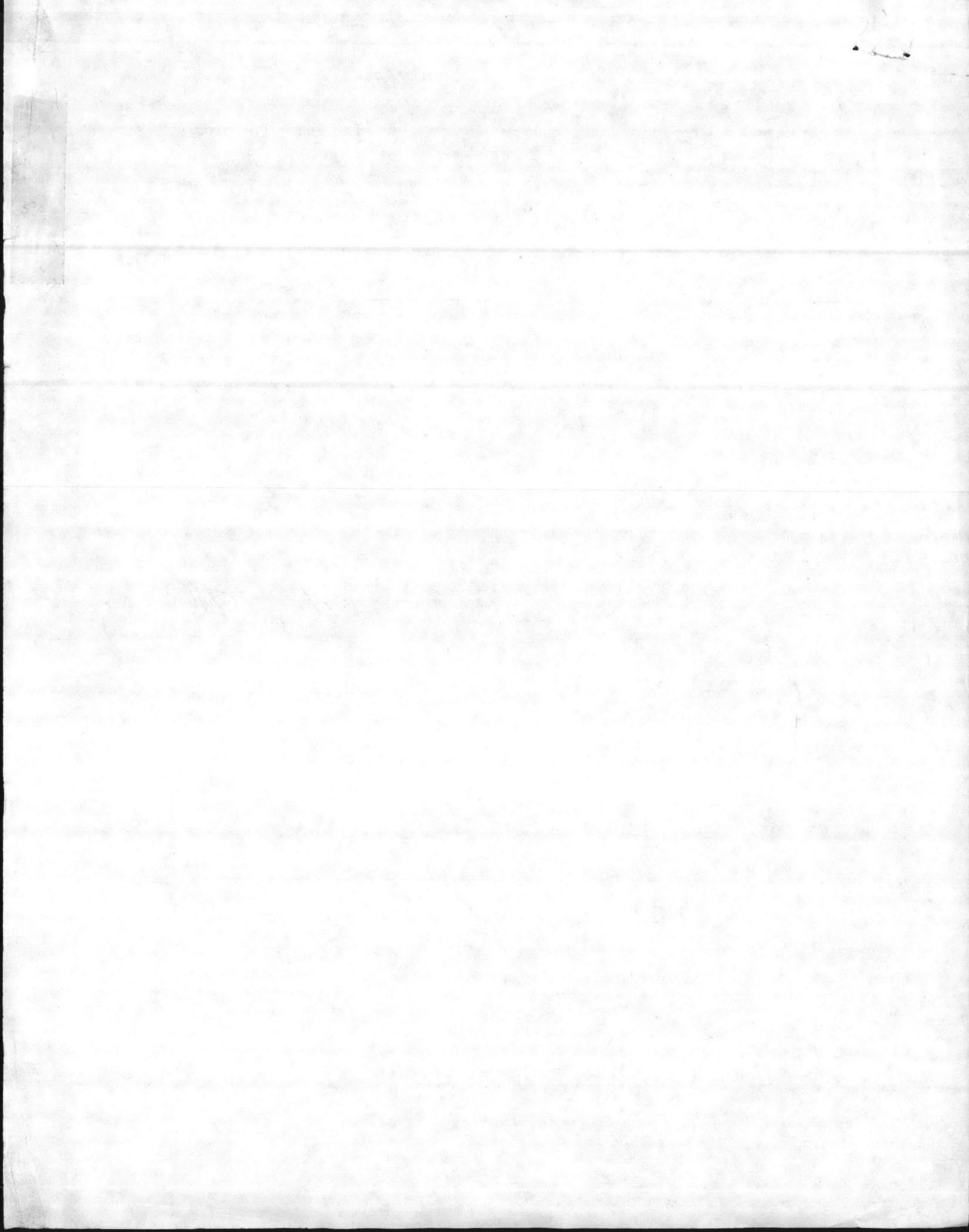
Reference: Method 413.1, EPA Methods for Chemical Analysis of Water and Wastes, March 1983

<u>Plant</u>	<u>O&G, mg/l</u>
Camp Geiger	<0.2
Tarawa Terrace	2.0
Camp Johnson	0.6
Hdnot Point	1.8
Rifle Range	<0.2
Courthouse Bay	<0.2
Onslow Beach	0.4

Report Date: 19 March 1985

Report By:


Elizabeth Betz



QUALITY CONTROL LAB - STORM SEWER DISCHARGES - WORK SHEET

MCBCL 11345/7

DATE COLLECTED	STORM SEWER NUMBER	FLOW RATE GALLONS PER DAY	SAMPLE COLLECTOR	TOTAL SUSPENDED SOLIDS (TSS)							OIL AND GREASE					pH	
				DISH NUMBER	ml SAMPLE	DISH & SOLID	DISH	WEIGHT GAIN	TSS mg/l	ANALYST	FLASK NUMBER	FLASK & OIL	FLASK	mg/l OIL	ANALYST		
3/14/85	SD-OBWWTP		Horsingelt Barber									6	⁷⁸ 5005	⁷⁸ 4999	0.4	H	
	SD-HPWWTP											3	⁷⁸ 9650	⁷⁸ 9630	1.8		
	SD-CJWWTP											4	⁷⁸ 1341	⁷⁸ 1333	0.6		
	SD-TTWWTP											5	⁶⁸ 4318	⁶⁸ 4296	2.0		
	SD-CHBWWTP											8	⁷⁸ 8045	⁷⁸ 8064	0.0		
	SD-CGWWTP											7	⁷⁸ 1371	⁷⁸ 1371	0.0		
	SD-RRWWTP											9	⁷⁸ 4477	⁷⁸ 4486	0.0		
	SD-Blank											1	²⁵ 1175	²⁵ 1173	0.2		
	SD-Standard											10	⁷⁸ 1264	⁷⁸ 1008	25.6		
	SD-																
	SD-																
	SD-																
	SD-																
	SD-																
	SD-																
	SD-																
	SD-																
	SD-																
	SD-																
	SD-																

Mslc adjusted for
Blank (H)

