



DEPARTMENT OF THE NAVY
ATLANTIC DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
NORFOLK, VIRGINIA 23511

TELEPHONE NO.

(804) 444-9561

IN REPLY REFER TO:

114:DPG:gmc
6280

2 6 JUL 1983

From: Commander, Atlantic Division, Naval Facilities Engineering Command
To: Commanding General, Marine Corps Base, Camp Lejeune

Subj: Hazardous Waste Testing

Encl: (1) Sample Sheet No. 99

1. For your information the enclosure (1) results and sample pickup totaled \$4,939.00, leaving \$61.00 of your funds on-hand.

David Gooden
for J. R. BAILEY
By direction

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CENTEC ANALYTICAL SERVICES, INC.
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— ANALYTICAL RESULTS REPORT —

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

Re: Water Analysis
CAS Commission No. 6094

REPORT DATE/NUMBER: 08 July 1983/99

SAMPLE COLLECTED: 19 April 1983: 1300

BY: Lachope/Hunekutt

SAMPLE RECEIVED AT LAB: 21 April 1983: 1500

ANALYSIS FOR: Mercury (Hg), Silver (Ag), Arsenic (As),
Beryllium (Be), Cadmium (Cd), Chromium (Cr),
Copper (Cu), Nickel (Ni), Lead (Pb), Selenium
(Se), Zinc (Zn), Antimony (Sb), and Thallium
(Tl)

METHOD OF ANALYSIS: Re: Federal Register, Vol. 41, No. 232,
1 December 1976

The results are shown on the following page.

If you have any questions or comments concerning this report,
please do not hesitate to contact us.

Prepared by:

CENTEC ANALYTICAL SERVICES

David F. Tompkins
Chemist

DFT/mls

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Marine Corps Base, Camp LeJeune, N.C.
 Naval Facilities Engineering Command
 08 July 1983
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CAS No.	Description	Ag (mg/l)	As (mg/l)	Be (mg/l)	Cd (mg/l)	Cr (mg/l)	Cu (mg/l)	Hg (mg/l)	Ni (mg/l)	Pb (mg/l)	Se (mg/l)	Zn (mg/l)	Sb (mg/l)	Tl (mg/l)
29372	Field # 15 Landfill L							0.0006						
29373	Field # 16 Landfill							0.0006						
29374	Field # 17 Landfill							<0.0005						
29375	RR-45							0.0006						
29376	RR-47							<0.0005						
29377	RR-92							0.0006						
29378	Rifle Range finished water	<0.01	<0.001	<0.01	<0.01	<0.05	0.02	0.0007	<0.05	<0.001	<0.005	0.08	<0.001	<0.001

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EXHIBIT II - COMPOUND LIST

SAMPLE IDENTIFIER: 29372
COMPUCHEM SAMPLE NUMBER: 3493

<u>VOLATILE ORGANICS</u>		<u>CONCENTRATION</u> <u>(UG/L)</u>	<u>DETECTION</u> <u>LIMIT</u> <u>(UG/L)</u>	<u>SCAN</u> <u>NUMBER</u>
1V.	ACROLEIN	BDL	100	
2V.	ACRYLONITRILE	BDL	100	
3V.	BENZENE	BDL	10	
4V.	BIS (CHLOROMETHYL) ETHER	BDL	10	
5V.	BROMOFORM	BDL	10	
6V.	CARBON TETRACHLORIDE	BDL	10	
7V.	CHLOROBENZENE	BDL	10	
8V.	CHLORODIBROMOMETHANE	BDL	10	
9V.	CHLOROETHANE	BDL	10	
10V.	2-CHLOROETHYL VINYL ETHER	BDL	10	
11V.	CHLOROFORM	BDL	10	
12V.	DICHLOROBROMOMETHANE	BDL	10	
13V.	DICHLORODIFLUOROMETHANE	BDL	10	
14V.	1,1-DICHLOROETHANE	BDL	10	
15V.	1,2-DICHLOROETHANE	BDL	10	
16V.	1,1-DICHLOROETHYLENE	BDL	10	
17V.	1,2-DICHLOROPROPANE	BDL	10	
18V.	1,3-DICHLOROPROPYLENE	BDL	10	
19V.	ETHYLBENZENE	BDL	10	
20V.	METHYL BROMIDE	BDL	10	
21V.	METHYL CHLORIDE	BDL	10	
22V.	METHYLENE CHLORIDE	BDL	10	
23V.	1,1,2,2-TETRACHLOROETHANE	BDL	10	
24V.	TETRACHLOROETHYLENE	BDL	10	
25V.	TOLUENE	BDL	10	
26V.	1,2-TRANS-DICHLOROETHYLENE	14	10	295
27V.	1,1,1-TRICHLOROETHANE	BDL	10	
28V.	1,1,2-TRICHLOROETHANE	BDL	10	
29V.	TRICHLOROETHYLENE	BDL	10	
30V.	TRICHLOROFLUOROMETHANE	BDL	10	
31V.	VINYL CHLORIDE	BDL	10	

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BDL = BELOW DETECTION LIMIT

EXHIBIT II - COMPOUND LIST

SAMPLE IDENTIFIER: 29372
 COMPUCHEM SAMPLE NUMBER: 3493

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

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BDL = BELOW DETECTION LIMIT

EXHIBIT II - COMPOUND LIST

SAMPLE IDENTIFIER: 29372
COMPUCHEM SAMPLE NUMBER: 3493

<u>PESTICIDES/PCB'S</u>	<u>CONCENTRATION</u> <u>(UG/L)</u>	<u>DETECTION</u> <u>LIMIT</u> <u>(UG/L)</u>
1P. ALDRIN	BDL	0.1
2P. ALPHA-BHC	BDL	0.1
3P. BETA-BHC	BDL	0.1
4P. GAMMA-BHC	BDL	0.1
5P. DELTA-BHC	BDL	0.1
6P. CHLORDANE	BDL	0.1
7P. 4,4'-DDT	BDL	0.1
8P. 4,4'-DDE	BDL	0.1
9P. 4,4'-DDD	BDL	0.1
10P. DIELDRIN	BDL	0.1
11P. ALPHA-ENDOSULFAN	BDL	0.1
12P. BETA-ENDOSULFAN	BDL	0.1
13P. ENDOSULFAN SULFATE	BDL	0.1
14P. ENDRIN	BDL	0.1
15P. ENDRIN ALDEHYDE	BDL	0.1
16P. HEPTACHLOR	BDL	0.1
17P. HEPTACHLOR EPOXIDE	BDL	0.1
18P. PCB-1242	BDL	0.1
19P. PCB-1254	BDL	0.1
20P. PCB-1221	BDL	0.1
21P. PCB-1232	BDL	0.1
22P. PCB-1248	BDL	0.1
23P. PCB-1260	BDL	0.1
24P. PCB-1016	BDL	0.1
25P. TOXAPHENE	BDL	0.1

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BDL = BELOW DETECTION LIMIT

EXHIBIT II - COMPOUND LIST

SAMPLE IDENTIFIER: 29373
COMPUCHEM SAMPLE NUMBER: 3494

<u>VOLATILE ORGANICS</u>		<u>CONCENTRATION</u> <u>(UG/L)</u>	<u>DETECTION</u> <u>LIMIT</u> <u>(UG/L)</u>	<u>SCAN</u> <u>NUMBER</u>
1V.	ACROLEIN	BDL	100	
2V.	ACRYLONITRILE	BDL	100	
3V.	BENZENE	BDL	10	
4V.	BIS (CHLOROMETHYL) ETHER	BDL	10	
5V.	BROMOFORM	BDL	10	
6V.	CARBON TETRACHLORIDE	BDL	10	
7V.	CHLOROBENZENE	BDL	10	
8V.	CHLORODIBROMOMETHANE	BDL	10	
9V.	CHLOROETHANE	BDL	10	
10V.	2-CHLOROETHYL VINYL ETHER	BDL	10	
11V.	CHLOROFORM	BDL	10	
12V.	DICHLOROBROMOMETHANE	BDL	10	
13V.	DICHLORODIFLUOROMETHANE	BDL	10	
14V.	1,1-DICHLOROETHANE	BDL	10	
15V.	1,2-DICHLOROETHANE	BDL	10	
16V.	1,1-DICHLOROETHYLENE	BDL	10	
17V.	1,2-DICHLOROPROPANE	BDL	10	
18V.	1,3-DICHLOROPROPYLENE	BDL	10	
19V.	ETHYLBENZENE	BDL	10	
20V.	METHYL BROMIDE	BDL	10	
21V.	METHYL CHLORIDE	BDL	10	
22V.	METHYLENE CHLORIDE	BDL	10	
23V.	1,1,2,2-TETRACHLOROETHANE	13	10	641
24V.	TETRACHLOROETHYLENE	BDL	10	
25V.	TOLUENE	43	10	677
26V.	1,2-TRANS-DICHLOROETHYLENE	450	10	301
27V.	1,1,1-TRICHLOROETHANE	BDL	10	
28V.	1,1,2-TRICHLOROETHANE	BDL	10	
29V.	TRICHLOROETHYLENE	31	10	470
30V.	TRICHLOROFLUOROMETHANE	BDL	10	
31V.	VINYL CHLORIDE	BDL	10	

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BDL = BELOW DETECTION LIMIT

EXHIBIT II - COMPOUND LIST

SAMPLE IDENTIFIER: 29373
COMPUCHEM SAMPLE NUMBER: 3494

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

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BDL = BELOW DETECTION LIMIT

EXHIBIT II - COMPOUND LIST

SAMPLE IDENTIFIER: 29373
COMPUCHEM SAMPLE NUMBER: 3494

<u>PESTICIDES/PCB'S</u>		<u>CONCENTRATION</u> <u>(UG/L)</u>	<u>DETECTION</u> <u>LIMIT</u> <u>(UG/L)</u>
1P.	ALDRIN	BDL	0.1
2P.	ALPHA-BHC	BDL	0.1
3P.	BETA-BHC	BDL	0.1
4P.	GAMMA-BHC	BDL	0.1
5P.	DELTA-BHC	BDL	0.1
6P.	CHLORDANE	BDL	0.1
7P.	4,4'-DDT	BDL	0.1
8P.	4,4'-DDE	BDL	0.1
9P.	4,4'-DDD	BDL	0.1
10P.	DIELDRIN	BDL	0.1
11P.	ALPHA-ENDOSULFAN	BDL	0.1
12P.	BETA-ENDOSULFAN	BDL	0.1
13P.	ENDOSULFAN SULFATE	BDL	0.1
14P.	ENDRIN	BDL	0.1
15P.	ENDRIN ALDEHYDE	BDL	0.1
16P.	HEPTACHLOR	BDL	0.1
17P.	HEPTACHLOR EPOXIDE	BDL	0.1
18P.	PCB-1242	BDL	0.1
19P.	PCB-1254	BDL	0.1
20P.	PCB-1221	BDL	0.1
21P.	PCB-1232	BDL	0.1
22P.	PCB-1248	BDL	0.1
23P.	PCB-1260	BDL	0.1
24P.	PCB-1016	BDL	0.1
25P.	TOXAPHENE	BDL	0.1

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BDL = BELOW DETECTION LIMIT

EXHIBIT II - COMPOUND LIST

SAMPLE IDENTIFIER: 29374
COMPUCHEM SAMPLE NUMBER: 3495

<u>VOLATILE ORGANICS</u>		<u>CONCENTRATION</u> <u>(UG/L)</u>	<u>DETECTION</u> <u>LIMIT</u> <u>(UG/L)</u>
1V. ACROLEIN		BDL	100
2V. ACRYLONITRILE		BDL	100
3V. BENZENE	13		10
4V. BIS (CHLOROMETHYL) ETHER		BDL	10
5V. BROMOFORM		BDL	10
6V. CARBON TETRACHLORIDE		BDL	10
7V. CHLOROBENZENE		BDL	10
8V. CHLORODIBROMOMETHANE		BDL	10
9V. CHLOROETHANE		BDL	10
10V. 2-CHLOROETHYL VINYL ETHER		BDL	10
11V. CHLOROFORM		BDL	10
12V. DICHLOROBROMOMETHANE		BDL	10
13V. DICHLORODIFLUOROMETHANE		BDL	10
14V. 1,1-DICHLOROETHANE		BDL	10
15V. 1,2-DICHLOROETHANE	21		10
16V. 1,1-DICHLOROETHYLENE		BDL	10
17V. 1,2-DICHLOROPROPANE		BDL	10
18V. 1,3-DICHLOROPROPYLENE		BDL	10
19V. ETHYLBENZENE		BDL	10
20V. METHYL BROMIDE		BDL	10
21V. METHYL CHLORIDE		BDL	10
22V. METHYLENE CHLORIDE		BDL	10
23V. 1,1,2,2-TETRACHLOROETHANE		BDL	10
24V. TETRACHLOROETHYLENE		BDL	10
25V. TOLUENE		BDL	10
26V. 1,2-TRANS-DICHLOROETHYLENE	4,700 1		10
27V. 1,1,1-TRICHLOROETHANE		BDL	10
28V. 1,1,2-TRICHLOROETHANE		BDL	10
29V. TRICHLOROETHYLENE		BDL	10
30V. TRICHLOROFLUOROMETHANE		BDL	10
31V. VINYL CHLORIDE	28		

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¹ Compound calculated from a 1:10 dilution

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BDL = BELOW DETECTION LIMIT

EXHIBIT II - COMPOUND LIST

SAMPLE IDENTIFIER: 29374
COMPUCHEM SAMPLE NUMBER: 3495

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

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BDL = BELOW DETECTION LIMIT

EXHIBIT II - COMPOUND LIST

SAMPLE IDENTIFIER: 29374
COMPUCHEM SAMPLE NUMBER: 3495

	<u>PESTICIDES/PCB'S</u>	<u>CONCENTRATION</u> <u>(UG/L)</u>	<u>DETECTION</u> <u>LIMIT</u> <u>(UG/L)</u>
1P.	ALDRIN	BDL	0.1
2P.	ALPHA-BHC	BDL	0.1
3P.	BETA-BHC	BDL	0.1
4P.	GAMMA-BHC	BDL	0.1
5P.	DELTA-BHC	BDL	0.1
6P.	CHLORDANE	BDL	0.1
7P.	4,4'-DDT	BDL	0.1
8P.	4,4'-DDE	BDL	0.1
9P.	4,4'-DDD	BDL	0.1
10P.	DIELDRIN	BDL	0.1
11P.	ALPHA-ENDOSULFAN	BDL	0.1
12P.	BETA-ENDOSULFAN	BDL	0.1
13P.	ENDOSULFAN SULFATE	BDL	0.1
14P.	ENDRIN	BDL	0.1
15P.	ENDRIN ALDEHYDE	BDL	0.1
16P.	HEPTACHLOR	BDL	0.1
17P.	HEPTACHLOR EPOXIDE	BDL	0.1
18P.	PCB-1242	BDL	0.1
19P.	PCB-1254	BDL	0.1
20P.	PCB-1221	BDL	0.1
21P.	PCB-1232	BDL	0.1
22P.	PCB-1248	BDL	0.1
23P.	PCB-1260	BDL	0.1
24P.	PCB-1016	BDL	0.1
25P.	TOXAPHENE	BDL	0.1

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BDL = BELOW DETECTION LIMIT

EXHIBIT II - COMPOUND LIST

SAMPLE IDENTIFIER: 29375
COMPUCHEM SAMPLE NUMBER: 3496

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

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BDL = BELOW DETECTION LIMIT

EXHIBIT II - COMPOUND LIST

SAMPLE IDENTIFIER: 29375
COMPUCHEM SAMPLE NUMBER: 3496

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

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BDL = BELOW DETECTION LIMIT

EXHIBIT II - COMPOUND LIST

SAMPLE IDENTIFIER: 29375
COMPUCHEM SAMPLE NUMBER: 3496

<u>PESTICIDES/PCB'S</u>	<u>CONCENTRATION</u> <u>(UG/L)</u>	<u>DETECTION</u> <u>LIMIT</u> <u>(UG/L)</u>
1P. ALDRIN	BDL	0.1
2P. ALPHA-BHC	BDL	0.1
3P. BETA-BHC	BDL	0.1
4P. GAMMA-BHC	BDL	0.1
5P. DELTA-BHC	BDL	0.1
6P. CHLORDANE	BDL	0.1
7P. 4,4'-DDT	BDL	0.1
8P. 4,4'-DDE	BDL	0.1
9P. 4,4'-DDD	BDL	0.1
10P. DIELDRIN	BDL	0.1
11P. ALPHA-ENDOSULFAN	BDL	0.1
12P. BETA-ENDOSULFAN	BDL	0.1
13P. ENDOSULFAN SULFATE	BDL	0.1
14P. ENDRIN	BDL	0.1
15P. ENDRIN ALDEHYDE	BDL	0.1
16P. HEPTACHLOR	BDL	0.1
17P. HEPTACHLOR EPOXIDE	BDL	0.1
18P. PCB-1242	BDL	0.1
19P. PCB-1254	BDL	0.1
20P. PCB-1221	BDL	0.1
21P. PCB-1232	BDL	0.1
22P. PCB-1248	BDL	0.1
23P. PCB-1260	BDL	0.1
24P. PCB-1016	BDL	0.1
25P. TOXAPHENE	BDL	0.1

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BDL = BELOW DETECTION LIMIT

EXHIBIT II - COMPOUND LIST

SAMPLE IDENTIFIER: 29376
COMPUCEM SAMPLE NUMBER: 3497

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

CLW

0000006054

BDL = BELOW DETECTION LIMIT

EXHIBIT II - COMPOUND LIST

SAMPLE IDENTIFIER: 29376
 COMPUCHEM SAMPLE NUMBER: 3497

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

CLW

0000006055

BDL = BELOW DETECTION LIMIT

EXHIBIT II - COMPOUND LIST

SAMPLE IDENTIFIER: 29376
COMPUCHEM SAMPLE NUMBER: 3497

<u>PESTICIDES/PCB'S</u>	<u>CONCENTRATION (UG/L)</u>	<u>DETECTION LIMIT (UG/L)</u>
1P. ALDRIN	BDL	0.1
2P. ALPHA-BHC	BDL	0.1
3P. BETA-BHC	BDL	0.1
4P. GAMMA-BHC	BDL	0.1
5P. DELTA-BHC	BDL	0.1
6P. CHLORDANE	BDL	0.1
7P. 4,4'-DDT	BDL	0.1
8P. 4,4'-DDE	BDL	0.1
9P. 4,4'-DDD	BDL	0.1
10P. DIELDRIN	BDL	0.1
11P. ALPHA-ENDOSULFAN	BDL	0.1
12P. BETA-ENDOSULFAN	BDL	0.1
13P. ENDOSULFAN SULFATE	BDL	0.1
14P. ENDRIN	BDL	0.1
15P. ENDRIN ALDEHYDE	BDL	0.1
16P. HEPTACHLOR	BDL	0.1
17P. HEPTACHLOR EPOXIDE	BDL	0.1
18P. PCB-1242	BDL	0.1
19P. PCB-1254	BDL	0.1
20P. PCB-1221	BDL	0.1
21P. PCB-1232	BDL	0.1
22P. PCB-1248	BDL	0.1
23P. PCB-1260	BDL	0.1
24P. PCB-1016	BDL	0.1
25P. TOXAPHENE	BDL	0.1

CLW

0000006056

BDL = BELOW DETECTION LIMIT

EXHIBIT II - COMPOUND LIST

SAMPLE IDENTIFIER: 29377
COMPUCHEM SAMPLE NUMBER: 3498

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

CLW

0000006057

BDL = BELOW DETECTION LIMIT

EXHIBIT II - COMPOUND LIST

SAMPLE IDENTIFIER: 29377
COMPUCHEM SAMPLE NUMBER: 3498

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

CLW

0000006058

BDL = BELOW DETECTION LIMIT

EXHIBIT II - COMPOUND LIST

SAMPLE IDENTIFIER: 29377
COMPUCHEM SAMPLE NUMBER: 3498

PESTICIDES/PCB'S	CONCENTRATION (UG/L)	DETECTION
		LIMIT (UG/L)
1P. ALDRIN	BDL	0.1
2P. ALPHA-BHC	BDL	0.1
3P. BETA-BHC	BDL	0.1
4P. GAMMA-BHC	BDL	0.1
5P. DELTA-BHC	BDL	0.1
6P. CHLORDANE	BDL	0.1
7P. 4,4'-DDT	BDL	0.1
8P. 4,4'-DDE	BDL	0.1
9P. 4,4'-DDD	BDL	0.1
10P. DIELDRIN	BDL	0.1
11P. ALPHA-ENDOSULFAN	BDL	0.1
12P. BETA-ENDOSULFAN	BDL	0.1
13P. ENDOSULFAN SULFATE	BDL	0.1
14P. ENDRIN	BDL	0.1
15P. ENDRIN ALDEHYDE	BDL	0.1
16P. HEPTACHLOR	BDL	0.1
17P. HEPTACHLOR EPOXIDE	BDL	0.1
18P. PCB-1242	BDL	0.1
19P. PCB-1254	BDL	0.1
20P. PCB-1221	BDL	0.1
21P. PCB-1232	BDL	0.1
22P. PCB-1248	BDL	0.1
23P. PCB-1260	BDL	0.1
24P. PCB-1016	BDL	0.1
25P. TOXAPHENE	BDL	0.1

CLW

0000006059

BDL = BELOW DETECTION LIMIT

EXHIBIT II - COMPOUND LIST

SAMPLE IDENTIFIER: 29378
COMPUCHEM SAMPLE NUMBER: 3499

VOLATILE ORGANICS		CONCENTRATION (UG/L)	DETECTION LIMIT (UG/L)	SCAN NUMBER
1V.	ACROLEIN	BDL	100	
2V.	ACRYLONITRILE	BDL	100	
3V.	BENZENE	BDL	10	
4V.	BIS (CHLOROMETHYL) ETHER	BDL	10	
5V.	BROMOFORM	BDL	10	
6V.	CARBON TETRACHLORIDE	BDL	10	
7V.	CHLOROBENZENE	BDL	10	
8V.	CHLORODIBROMOMETHANE	BDL	10	
9V.	CHLOROETHANE	BDL	10	
10V.	2-CHLOROETHYL VINYL ETHER	BDL	10	
11V.	CHLOROFORM	50	10	319
12V.	DICHLOROBROMOMETHANE	14	10	406
13V.	DICHLORODIFLUOROMETHANE		10	
14V.	1,1-DICHLOROETHANE	BDL	10	
15V.	1,2-DICHLOROETHANE	BDL	10	
16V.	1,1-DICHLOROETHYLENE	BDL	10	
17V.	1,2-DICHLOROPROPANE	BDL	10	
18V.	1,3-DICHLOROPROPYLENE	BDL	10	
19V.	ETHYLBENZENE	BDL	10	
20V.	METHYL BROMIDE	BDL	10	
21V.	METHYL CHLORIDE	BDL	10	
22V.	METHYLENE CHLORIDE	BDL	10	
23V.	1,1,2,2-TETRACHLOROETHANE	BDL	10	
24V.	TETRACHLOROETHYLENE	BDL	10	
25V.	TOLUENE	BDL	10	
26V.	1,2-TRANS-DICHLOROETHYLENE	BDL	10	
27V.	1,1,1-TRICHLOROETHANE	BDL	10	
28V.	1,1,2-TRICHLOROETHANE	BDL	10	
29V.	TRICHLOROETHYLENE	BDL	10	
30V.	TRICHLOROFLUOROMETHANE	BDL	10	
31V.	VINYL CHLORIDE	BDL	10	

CLW

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BDL = BELOW DETECTION LIMIT

EXHIBIT II - COMPOUND LIST

SAMPLE IDENTIFIER: 29378
COMPUCHEM SAMPLE NUMBER: 3499

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

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BDL = BELOW DETECTION LIMIT

EXHIBIT II - COMPOUND LIST

SAMPLE IDENTIFIER: 29378
COMPUCHEM SAMPLE NUMBER: 3499

<u>BASE-NEUTRAL EXTRACTABLE ORGANICS</u>		<u>CONCENTRATION (UG/L)</u>	<u>DETECTION LIMIT (UG/L)</u>	<u>SCAN NUMBER</u>
1B.	ACENAPHTHENE	BDL	10	
2B.	ACENAPHTHYLENE	BDL	10	
3B.	ANTHRACENE	BDL	10	
4B.	BENZIDINE	BDL	10	
5B.	BENZO (A) ANTHRACENE	BDL	10	
6B.	BENZO (A) PYRENE	BDL	10	
7B.	3,4-BENZOFUORANTHENE	BDL	10	
8B.	BENZO (GHI) PERYLENE	BDL	25	
9B.	BENZO (K) FLUORANTHENE	BDL	10	
10B.	BIS (2-CHLOROETHOXY) METHANE	BDL	10	
11B.	BIS (2-CHLOROETHYL) ETHER	BDL	10	
12B.	BIS (2-CHLOROISOPROPYL) ETHER	BDL	10	
13B.	BIS (2-ETHYLHEXYL) PHTHALATE	BDL	10	
14B.	4-BROMOPHENYL PHENYL ETHER	BDL	10	
15B.	BUTYL BENZYL PHTHALATE	BDL	10	
16B.	2-CHLORONAPHTHALENE	BDL	10	
17B.	4-CHLOROPHENYL PHENYL ETHER	BDL	10	
18B.	CHRYSENE	BDL	10	
19B.	DIBENZO (A,H) ANTHRACENE	BDL	25	
20B.	1,2-DICHLOROBENZENE	BDL	10	
21B.	1,3-DICHLOROBENZENE	BDL	10	
22B.	1,4-DICHLOROBENZENE	BDL	10	
23B.	3,3'-DICHLOROBENZIDINE	BDL	10	
24B.	DIETHYL PHTHALATE	BDL	10	
25B.	DIMETHYL PHTHALATE	BDL	10	
26B.	DI-N-BUTYL PHTHALATE	BDL	10	
27B.	2,4-DINITROTOLUENE	BDL	10	
28B.	2,6-DINITROTOLUENE	BDL	10	
29B.	DI-N-OCTYL PHTHALATE	BDL	10	
30B.	1,2-DIPHENYLHYDRAZINE	BDL	10	
31B.	FLUORANTHENE	BDL	10	
32B.	FLUORENE	BDL	10	
33B.	HEXACHLOROBENZENE	BDL	10	
34B.	HEXACHLOROBUTADIENE	BDL	10	
35B.	HEXACHLOROCYCLOPENTADIENE	BDL	10	

Continued...

CLW

BDL = BELOW DETECTION LIMIT

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EXHIBIT II - COMPOUND LIST

SAMPLE IDENTIFIER: 29378
COMPUCHEM SAMPLE NUMBER: 3499

BASE-NEUTRAL EXTRACTABLE ORGANICS (Continued)		CONCENTRATION (UG/L)	DETECTION LIMIT (UG/L)	SCAN NUMBER
36B.	HEXACHLOROETHANE	BDL	10	
37B.	INDENO (1,2,3-CD) PYRENE	BDL	25	
38B.	ISOPHORONE	BDL	10	
39B.	NAPHTHALENE	BDL	10	
40B.	NITROBENZENE	BDL	10	
41B.	N-NITROSODIMETHYLAMINE	BDL	10	
42B.	N-NITROSODI-N-PROPYLAMINE	BDL	10	
43B.	N-NITROSODIPHENYLAMINE	BDL	10	
44B.	PHENANTHRENE	BDL	10	
45B.	PYRENE	BDL	10	
46B.	1,2,4-TRICHLOROBENZENE	BDL	10	

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BDL = BELOW DETECTION LIMIT

EXHIBIT II - COMPOUND LIST

SAMPLE IDENTIFIER: 29378
COMPUCHEM SAMPLE NUMBER: 3499

PESTICIDES/PCB'S	CONCENTRATION (UG/L)	DETECTION	SCAN NUMBER
		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	

CLW

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BDL = BELOW DETECTION LIMIT

EXHIBIT II - COMPOUND LIST

SAMPLE IDENTIFIER: 29378
COMPUCHEM SAMPLE NUMBER: 3499

<u>INORGANICS PRIORITY POLLUTANTS</u>	<u>CONCENTRATION (MG/L)</u>	<u>DETECTION LIMIT (MG/L)</u>
4M. CYANIDE, TOTAL	BDL	0.01

INORGANICS
CONVENTIONALS

(NONE ORDERED)

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EXHIBIT II - COMPOUND LIST

SAMPLE IDENTIFIER: 29378
COMPUCEM SAMPLE NUMBER: 3499

<u>INORGANICS PRIORITY POLLUTANTS</u>	<u>CONCENTRATION (MG/L)</u>	<u>DETECTION LIMIT (MG/L)</u>
15. PHENOLS, TOTAL	BDL	0.01

INORGANICS
CONVENTIONALS

(NONE REQUESTED)

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