1520151

PHASE II REPORT

Chemical Pollution Control, Inc.
120 South Fourth Street
Bay Shore, NY 11706

RECEIVED
NOV 30 1989
HAZARDOUS WASTE REMEDIATION
NYSDEC REGION 1

SITE # 15015

Ground Water Study Period: May 1987 thru May 1988

Prepared for

Division of Solid and Hazardous Waste of
New York State Department of Environmental Conservation

By

Chemical Pollution Control, Inc., Volumetric Techniques, Ltd.
and American Consulting and Educational Services

306505

TABLE OF CONTENTS

I. Executive Summary

II. Purpose - Verify The Need - No Listing

III. Scope Of Work

Borings/Monitoring Well Placement and Drilling Logs

Well Sampling

Air Sampling

Soil Sampling

Puck Shaving Sampling

Boring Sampling

Blanks Sampling

IV. History

V. Site Assessment

VI. Narrative Summary

Appendix (es)

EXECUTIVE SUMMARY

The area is an old sand pit. Part of this sand pit was used as the Town of Islip Sonia Road Landfill. Also the area itself was used as an informal dumping ground by area residents. Phase II effort is concerned with proving this is insufficient reason for CPC being listed notwithstanding the area's poor history.

Five hundred (500) feet northeast of the site is an ongoing, air stripping operation at the former Baron Blakesley site. Baron Blakesley was a solvent distributor of flammable and chlorinated solvents.

One thousand feet to the northwest Suffolk County has installed a series of monitoring wells to verify suspected contamination by Dial Ace. Ranging from southeast to southwest approximately 500' is the closed down Sonia Road Landfill which is a superfund site. The entire surrounding area has documented contamination which predates CPC's operations. Our data is consistent with documented data of the area. It should be noted that CPC's water supply is and has always been drawn from a well on the premises.

An EPA funded Phase I Study was completed by NUS. NUS recommend our site as being low priority/no further action necessary. We agree; also our being listed was inappropriate and, at this time, we now wish to at least be delisted. CPC feels that it is in it's best interest to continue monitoring.

II

PURPOSE

The goal of our Phase II effort is to properly categorize Chemical Pollution Control Inc. as a commercial transfer site not as a hazardous waste final disposal or release site. We want to change our present status from its unwarranted 2A listing to one being unranked or not listed. As we understand, the premise for ranking is to list sites where a release has occurred; no such release has ever occurred here.

III

SCOPE OF WORK

1. Monitoring Wells: (see blue print for locations and appendix for analysis).

    a. The location of MW-2 was changed from the original work plan by mutual agreement.

    b. Drinking water well was replaced by MW-5.

    c. The locations of MW-3 and MW-4 were also changed by mutual agreement.

    d. Five shallow soil borings were drilled in front of the drum and tank storage areas.

2. Equipment decontamination was changed to the steam cleaning alternate from one which used acetone.

3. All of the above work was completed by outside contractors (Tyree Brothers Environmental). All well and boring locations were made by mutual agreement between New York State DEC and Chemical Pollution Control Inc. The entire installation, decontamination, and sampling procedure were observed by on-site DEC personnel.

SUMMARY OF FINDINGS IN MONITORING WELLS:

Monitoring Wells 1 - 5 were sampled between 5-8-87 to 4-10-88 and are herein summarized.

Conclusion: as expressed in our executive summary there is existing contamination which appears to result in slugs of contaminates passing under our site.

MONITORING WELLS

A. 1) Summary monitoring wells 1 - 5

2) Analytical report monitoring wells 1 - 5

3) Analytic Data

B. Summary of Baron Blakesley

Analytical Data

C. Summary of Dial Ace

Analytical Data

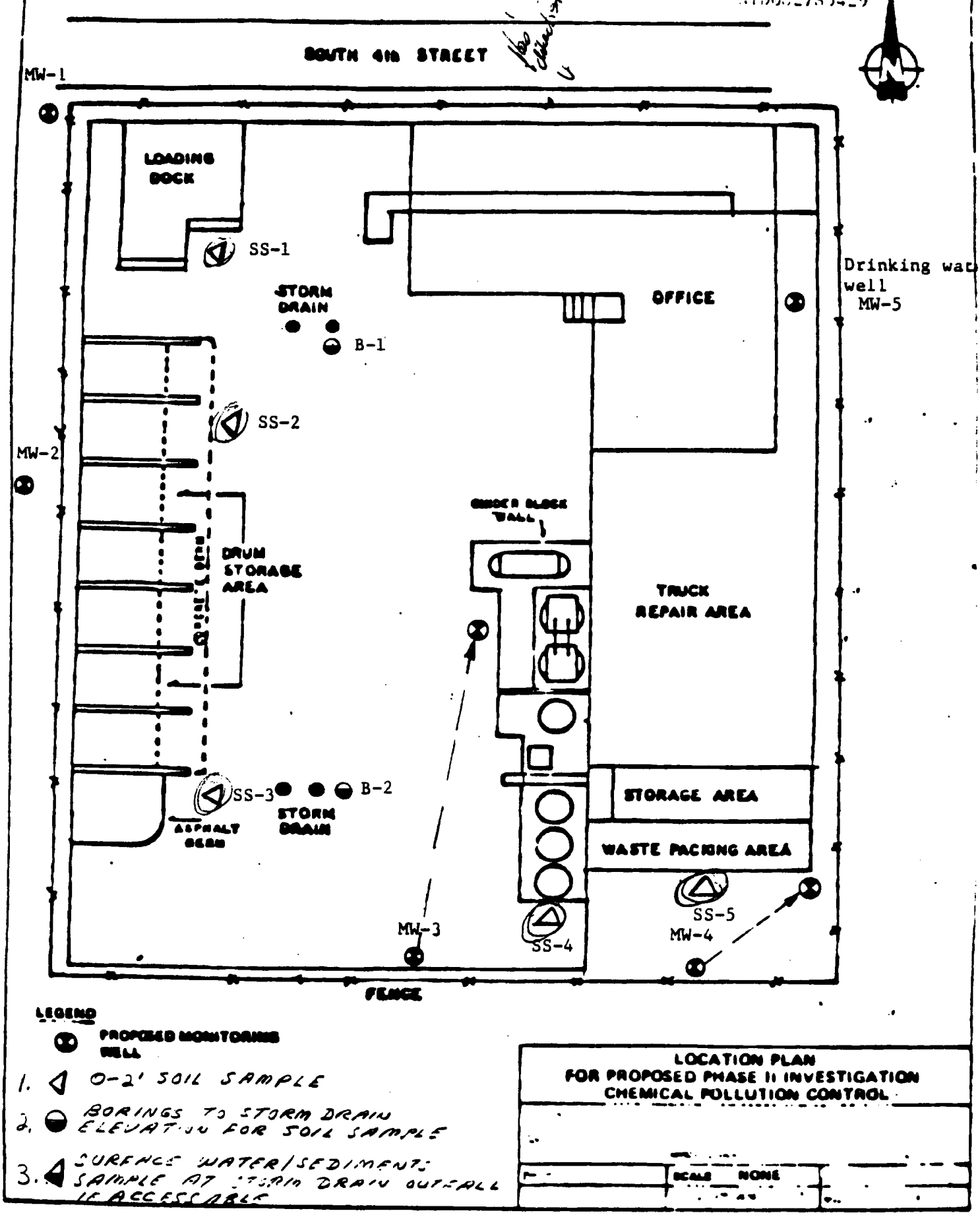

SOUTH 4th STREET
MW-1
LOADING DOCK
SS-1
STORM DRAIN
B-1
OFFICE
Drinking wat
well
MW-5
SS-2
MW-2
CINDER BLOCK WALL
DRUM STORAGE AREA
TRUCK REPAIR AREA
SS-3
B-2
STORM DRAIN
ASPHALT BERM
STORAGE AREA
WASTE PACKING AREA
SS-5
MW-4
MW-3
SS-4
FENCE
LEGEND
PROPOSED MONITORING WELL
1. 0-2' SOIL SAMPLE
2. BORINGS TO STORM DRAIN ELEVATION FOR SOIL SAMPLE
3. SURFACE WATER/SEDIMENTS SAMPLE AT STORM DRAIN OUTFALL IF ACCESSABLE
LOCATION PLAN
FOR PROPOSED PHASE II INVESTIGATION
CHEMICAL POLLUTION CONTROL
SCALE NONE

FIGURE I

MW #1

Results in ppb (ug/l)	5-8-87	4-10-88	
Methylene Chloride			
1,1 Dichloroethylene			
1,1-Dichlorethane			
trans-1,2-Dichloroethylene			
Chloroform			
1,2-Dichloroethane (Ethylene Chloride)			
1,1,1-Trichloroethane	6.8	2.03	
Carbon tetrachloride			
Bromodichloromethane			
1,2-Dichloropropane			
trans-1,3-Dichloropropylene			
Trichloroethylene	7.3		
Dibromochlormoethane			
1,1,2-Trichlroethane			
cis-1,3-Dichlorepropylene			
2-Chlorovinyl ether			
Bromoform			
1,1,2,2-Tetrachloroethane			
Tetrachloroethylene			
Chlorobenzene			
Dichlorodifluoromethane (Freon-12)			
Chloromethane			
Vinyl chloride			
Bromomethane			
Chloroethane			
Trichlorofluoromethane (Freon-11)			
Trichlorotrifluoroethane (Freon TF)			
Benzene			
Chlorobenzene			
1,2-Dichlorobenzene			
1,3-Dichlorobenzene			
1,4-Dichlorobenzene			
Ethylbenzene			
Toluene			
Xylene			
cis-Dichlorethylene			
1,1,2-Trichlroethylene			
Chlorotoluene			
Unidentified Hydrocarbons		7.0	

MW #2

Results in ppb (ug/l)	10-8-87	10-21-87	4-10-88
Methylene Chloride			
1,1 Dichloroethylene			7.47
1,1-Dichlorethane			4.90
trans-1,2-Dichloroethylene			
Chloroform			
1,2-Dichloroethane (Ethylene Chloride)			
1,1,1-Trichloroethane	40.23	85.59	173.51
Carbon tetrachloride			
Bromodichloromethane			
1,2-Dichloropropane			
trans-1,3-Dichloropropylene			
Trichloroethylene		1.09	
Dibromochlormoethane			
1,1,2-Trichlroethane			
cis-1,3-Dichlorepropylene			
2-Chlorovinyl ether			
Bromoform			
1,1,2,2-Tetrachloroethane			
Tetrachloroethylene			
Chlorobenzene			
Dichlorodifluoromethane (Freon-12)			
Chloromethane			
Vinyl chloride			
Bromomethane			
Chloroethane			
Trichlorofluoromethane (Freon-11)			
Trichlorotrifluoroethane (Freon TF)			
Benzene			
Chlorobenzene			
1,2-Dichlorobenzene			
1,3-Dichlorobenzene			
1,4-Dichlorobenzene			
Ethylbenzene			
Toluene			
Xylene			
cis-Dichlorethylene			
1,1,2-Trichlroethylene			
Chlorotoluene			
Unidentified Hydrocarbons			

MW #3

Results in ppb(ug/l)	8-25-87	10-8-87	7-21-88
Methylene Chloride			
1,1 Dichloroethylene			
1,1-Dichlorethane	116.43	2.53	
trans-1,2-Dichloroethylene		2.72	
Chloroform		6.64	
1,2-Dichloroethane (Ethylene Chloride)			
1,1,1-Trichloroethane		32.43	3.17
Carbon tetrachloride			
Bromodichloromethane			
1,2-Dichloropropane			
trans-1,3-Dichloropropylene			
Trichloroethylene	143.4	79.07	2.66
Dibromochlormoethane			
1,1,2-Trichlroethane			
cis-1,3-Dichlorepropylene			
2-Chlorovinyl ether			
Bromoform			
1,1,2,2-Tetrachloroethane	17.7	9.93	
Tetrachloroethylene			
Chlorobenzene			
Dichlorodifluoromethane (Freon-12)			
Chloromethane			
Vinyl chloride			
Bromomethane			
Chloroethane			
Trichlorofluoromethane (Freon-11)			
Trichlorotrifluoroethane (Freon TF)			
Benzene			
Chlorobenzene			
1,2-Dichlorobenzene			
1,3-Dichlorobenzene			
1,4-Dichlorobenzene			
Ethylbenzene			
Toluene			
Xylene			
cis-Dichlorethylene			
1,1,2-Trichlroethylene			
Chlorotoluene			
Unidentified Hydrocarbons (aromatics)	23.3	28.47	

MW #4

Results in ppb (ug/l)	7-21-87	9-25-87	10-8-87
Methylene Chloride			
1,1 Dichloroethylene	5.02	5.5	
1,1-Dichlorethane	4.9		2.97
trans-1,2-Dichloroethylene			6.4
Chloroform			18.1
1,2-Dichloroethane (Ethylene Chloride)			
1,1,1-Trichloroethane	158.0	188.76	70.9
Carbon tetrachloride			
Bromodichloromethane			
1,2-Dichloropropane			
trans-1,3-Dichloropropylene			
Trichloroethylene	216.0	304.58	140.25
Dibromochlormoethane			
1,1,2-Trichlroethane			
cis-1,3-Dichlorepropylene			
2-Chlorovinyl ether			
Bromoform			
1,1,2,2-Tetrachloroethane	15.8	8.7	4.96
Tetrachloroethylene			
Chlorobenzene			
Dichlorodifluoromethane (Freon-12)			
Chloromethane			
Vinyl chloride			
Bromomethane			
Chloroethane			
Trichlorofluoromethane (Freon-11)			
Trichlorotrifluoroethane (Freon TF)			
Benzene	187.25		
Chlorobenzene			
1,2-Dichlorobenzene			
1,3-Dichlorobenzene			
1,4-Dichlorobenzene			
Ethylbenzene			
Toluene			
Xylene			
cis-Dichlorethylene			
1,1,2-Trichlroethylene			
Chlorotoluene			
Unidentified Hydrocarbons (Aromatics)	115	42.75	49.77

MW #5

Results in ppb (ug/l)	7-21-87	10-8-87	4-10-88
Methylene Chloride			
1,1 Dichloroethylene			
1,1-Dichlorethane	4.4		
trans-1,2-Dichloroethylene			
Chloroform	7.21		
1,2-Dichloroethane (Ethylene Chloride)			
1,1,1-Trichloroethane	91.68		
Carbon tetrachloride			
Bromodichloromethane			
1,2-Dichloropropane			
trans-1,3-Dichloropropylene			
Trichloroethylene	252.48		
Dibromochlormoethane			
1,1,2-Trichlroethane			
cis-1,3-Dichlorepropylene			
2-Chlorovinyl ether			
Bromoform			
1,1,2,2-Tetrachloroethane	8.3		
Tetrachloroethylene			
Chlorobenzene			
Dichlorodifluoromethane (Freon-12)			
Chloromethane			
Vinyl chloride			
Bromomethane			
Chloroethane			
Trichlorofluoromethane (Freon-11)			
Trichlorotrifluoroethane (Freon TF)			
Benzene	216.0		
Chlorobenzene			
1,2-Dichlorobenzene			
1,3-Dichlorobenzene			
1,4-Dichlorobenzene			
Ethylbenzene			
Toluene			
Xylene			
cis-Dichlorethylene			
1,1,2-Trichlroethylene			
Unidentified Aromatics	32.34		
Chlorotoluene			
Unidentified Hydrocarbons		1.55	

VOLUMETRIC TECHNIQUES, Ltd.

SANDER H. STER
Director of Laborato

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705 • (516) 472-

OVA Testing At Chemical Pollution Control, Inc.

OVA Air monitoring was conducted during well placement and soil borings from May 8, 1987 to May 15, 1987 at Chemical Pollution Control Inc. of 120 South Fourth Street, Bay Shore, NY.

A Foxboro OVA 128 gas chromatograph was used for continuous air monitoring during the entire time or the Phase II soil borings and well placement.

Findings: at no time were there any VOC readings observed during the operation in excess of 0.2 ppm.

SUMMARY OF UPGRADIENT WELLS

Summarized are the results of analysis performed by SCDHS of groundwater at the Baron Blakesley site located to our northeast and at the Dial Ace monitoring wells located to our northwest.

should be shown on location map

As expressed in our executive summary this data appears to be similar to our own data and therefore supports our conclusion.

COUNTY OF SUFFOLK

PETER F. COHALAN
SUFFOLK COUNTY EXECUTIVE

DEPARTMENT OF HEALTH SERVICES

DAVID HARRIS, M.D., M.P.H.
COMMISSIONER

November 21, 1984

Mr. John Sabatino, Manager
Chemical Pollution Control Inc.
120 South Fourth Street
Bay Shore, NY 11706

Dear Mr. Sabatino:

As per our discussion of November 20, 1984, enclosed please find the Deer Park Sand and Gravel well data that you requested in your letter of November 16, 1984.

As I mentioned to you, the Baron Blakslee data must be obtained from Baron Blakslee and the Corbin Avenue and South Third Street Data is not available at this time due to possible litigation in this matter.

Should you have any other questions, please contact the undersigned.

Very truly yours,

Richard Markel

Richard Markel, P.E.
Public Health Engineer
Bureau of Water Resources

RM/vc

Enclosure

225 RABRO DRIVE EAST
HAUPPAUGE, N.Y. 11788
(516) 348-2917

wells sampled 1/9/84

	② Chemical Waste Control 120 54 st	Deer Park Sp. & Genesee 105 54 st		
coliform	<2.2	<2.2		
free ammonia	0.57	<0.04		
nitrate	2.5	<0.4		
pH	6.3	5.7		
specific conductivity	220.	100.		
chloride	13.	17.		
sulfate	20.	8.		
iron	0.19	0.13		
manganese	0.26	0.12		
copper	0.21	<0.10		
zinc	<0.4	<0.4		
sodium	10.6	10.9		
vinyl chloride		17		
methylene chloride				
bromochloromethane				
1,1 dichloroethane		2		
trans dichloroethylene				
chloroform				
1,2 dichloroethane				
1,1,1 trichloroethane	6	79		
carbon tetrachloride				
1 bromo 2 chloroethane				
1,2 dichloropropane				
1,1,2 trichloroethylen		44		
chlorodibromomethane				
1,2 dibromoethane				
2 bromo 1 chloropropan				
bromoform				
tetrachloroethylene		9000		
cis dichloroethylene		120		
freon 113				
dibromomethane				
1,1 dichloroethylene		10		
bromodichloromethane				
2,3 dichloropropene				
cis dichloropropene				
trans dichloropropene				
1,1,2 trichloroethane				
benzene				
toluene				
chlorobenzene				
ethylbenzene				
xylenes				
bromobenzene				
chlorotoluenes				
1,3,5 trimethylbenzene				
1,2,4 trimethylbenzene				
m,p dichlorobenzene				
o dichlorobenzene				
p diethylbenzene				
1,2,4,5 tetrmethylbenze				
1,2,4 trichlorobenzene				
1,2,3 trichlorobenzene				
1,1,1,2 tetrchlorethane				
1,2,2,3 tetrchlorpropan				

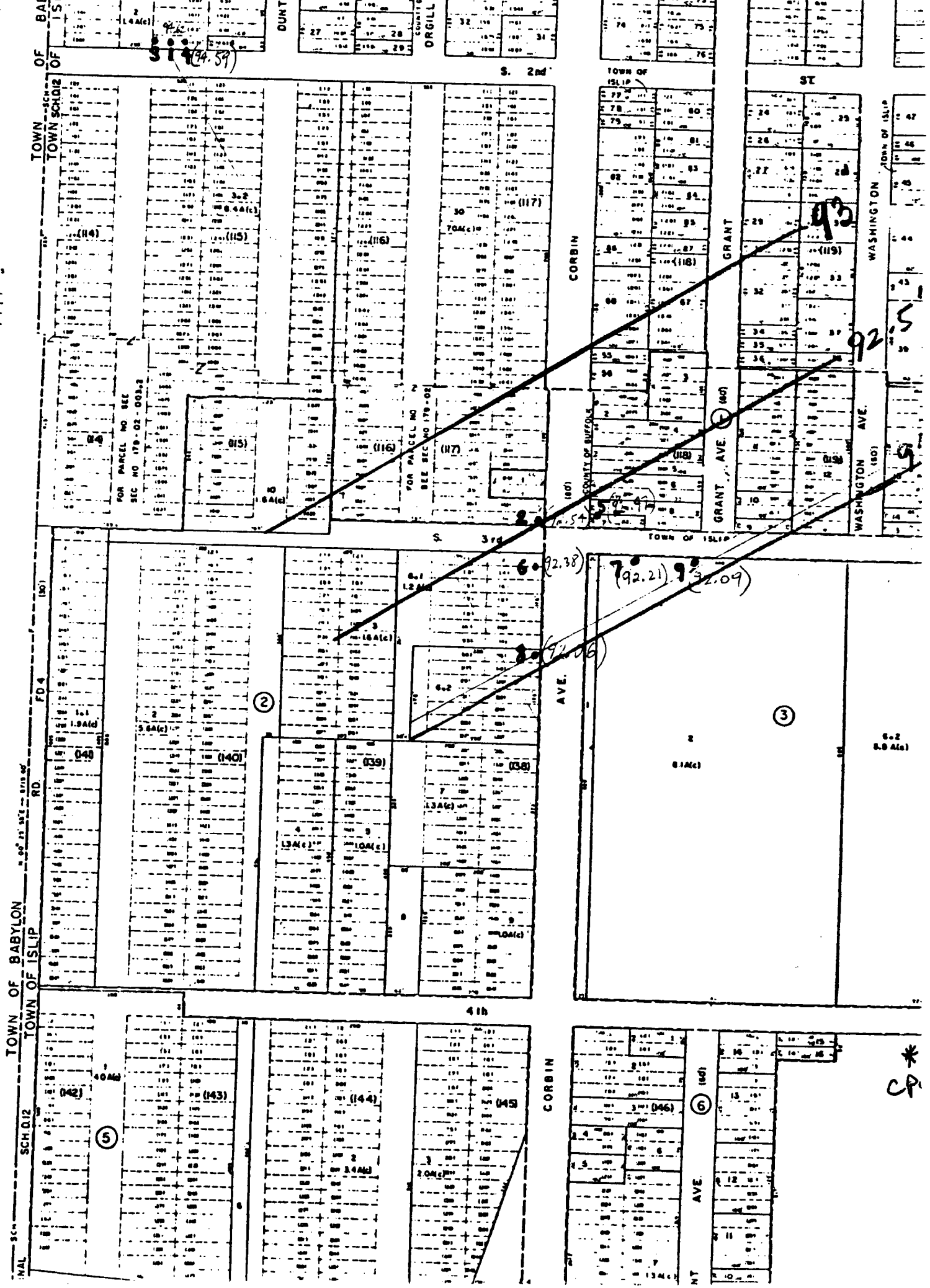
* Organics none detected unless noted.

Baron Blakesly - 105 S. Fourth St., Bsy Shore, Suffolk County Health Dept.

1-9-84

Methylene Chloride		
1,1 Dichloroethylene	10	
1,1-Dichlorethane	2	
trans-1,2-Dichloroethylene		
Chloroform		
1,2-Dichloroethane (Ethylene Chloride)		
1,1,1-Trichloroethane	79	
Carbon tetrachloride		
Bromodichloromethane		
1,2-Dichloropropane		
trans-1,3-Dichloropropylene		
Trichloroethylene		
Dibromochlormoethane		
1,1,2-Trichlroethane		
cis-1,3-Dichlorepropylene		
2-Chlorovinyl ether		
Bromoform		
1,1,2,2-Tetrachloroethane		
Tetrachloroethylene	9000	
Chlorobenzene		
Dichlorodifluoromethane (Freon-12)		
Chloromethane		
Vinyl chloride	17	
Bromomethane		
Chloroethane		
Trichlorofluoromethane (Freon-11)		
Trichlorotrifluoroethane (Freon TF)		
Benzene		
Chlorobenzene		
1,2-Dichlorobenzene		
1,3-Dichlorobenzene		
1,4-Dichlorobenzene		
Ethylbenzene		
Toluene		
Xylene		
cis-Dichlorethylene	120	
1,1,2-Trichlroethylene	44	
Chlorotoluene		
Unidentified Hydrocarbons		

This material was obtained from Suffolk County Department of Health Services. It shows their well location, for Dial Ace groundwater monitoring and the following analytical results.


TOWN OF BABYLON
TOWN OF ISLIP
TOWN SCH012
S. 2nd
S. 3rd
4th
CORBIN
GRANT
AVE.
WASHINGTON
AVE.
TOWN OF ISLIP
COUNTY OF SUFFOLK
FOR PARCEL NO SEE SEC NO 179-02-003.2
FOR PARCEL NO SEE SEC NO 179-02
(114)
(115)
(116)
(117)
(118)
(119)
(140)
(139)
(138)
(142)
(143)
(144)
(145)
(146)
(94.59)
(92.38)
(92.21)
(92.09)
(92.06)
93
92.5
92
SCH 012
FD 4
RD.

SUFFOLK COUNTY HEALTH DEPT.
Well #2 - 4-3-84 - Dial Ace

	12 p.m.	1 p.m.	2 p.m.
Methylene Chloride			
1,1 Dichloroethylene			
1,1-Dichlorethane			
trans-1,2-Dichloroethylene			
Chloroform			6
1,2-Dichloroethane (Ethylene Chloride)			
1,1,1-Trichloroethane		3	53
Carbon tetrachloride			
Bromodichloromethane			
1,2-Dichloropropane			
trans-1,3-Dichloropropylene			
Trichloroethylene			
Dibromochlormoethane			
1,1,2-Trichlroethane			
cis-1,3-Dichlorepropylene			
2-Chlorovinyl ether			
Bromoform			
1,1,2,2-Tetrachloroethane			
Tetrachloroethylene			
Chlorobenzene			
Dichlorodifluoromethane (Freon-12)			
Chloromethane			
Vinyl chloride	5		
Bromomethane			
Chloroethane			
Trichlorofluoromethane (Freon-11)			
Trichlorotrifluoroethane (Freon TF)			
Benzene			
Chlorobenzene			
1,2-Dichlorobenzene			
1,3-Dichlorobenzene			
1,4-Dichlorobenzene			
Ethylbenzene			
Toluene			
Xylene			
cis-Dichlorethylene	15	2	
1,1,2-Trichlroethylene			
Chlorotoluene			
Unidentified Hydrocarbons			

SUFFOLK COUNTY HEALTH DEPT.
Well #5 - 3-15-84 - Dial Ace

	11:45	N.T
Methylene Chloride		
1,1 Dichloroethylene		
1,1-Dichlorethane		
trans-1,2-Dichloroethylene		
Chloroform		
1,2-Dichloroethane (Ethylene Chloride)		
1,1,1-Trichloroethane		110
Carbon tetrachloride		
Bromodichloromethane		
1,2-Dichloropropane		
trans-1,3-Dichloropropylene		
Trichloroethylene		
Dibromochlormoethane		
1,1,2-Trichlroethane		
cis-1,3-Dichlorepropylene		
2-Chlorovinyl ether		
Bromoform		
1,1,2,2-Tetrachloroethane		
Tetrachloroethylene		
Chlorobenzene		
Dichlorodifluoromethane (Freon-12)		
Chloromethane		
Vinyl chloride		
Bromomethane		
Chloroethane		
Trichlorofluoromethane (Freon-11)		
Trichlorotrifluoroethane (Freon TF)		
Benzene		
Chlorobenzene		
1,2-Dichlorobenzene		
1,3-Dichlorobenzene		
1,4-Dichlorobenzene		
Ethylbenzene		
Toluene		
Xylene		
cis-Dichlorethylene		
1,1,2-Trichlroethylene		
Chlorotoluene		
Unidentified Hydrocarbons		

SUFFOLK COUNTY HEALTH DEPT.
Well #6 - 4-2-84 - Dial Ace

	12 p.m.	1 p.m.	2 p.m.
Methylene Chloride			
1,1 Dichloroethylene			
1,1-Dichlorethane			
trans-1,2-Dichloroethylene			
Chloroform			3
1,2-Dichloroethane (Ethylene Chloride)		12	
1,1,1-Trichloroethane			
Carbon tetrachloride			
Bromodichloromethane			
1,2-Dichloropropane			
trans-1,3-Dichloropropylene			
Trichloroethylene			
Dibromochlormoethane			
1,1,2-Trichlroethane			
cis-1,3-Dichlorepropylene			
2-Chlorovinyl ether			
Bromoform			
1,1,2,2-Tetrachloroethane			
Tetrachloroethylene			
Chlorobenzene			
Dichlorodifluoromethane (Freon-12)			
Chloromethane			
Vinyl chloride			
Bromomethane			
Chloroethane			
Trichlorofluoromethane (Freon-11)			
Trichlorotrifluoroethane (Freon TF)			
Benzene			
Chlorobenzene			
1,2-Dichlorobenzene			
1,3-Dichlorobenzene			
1,4-Dichlorobenzene			
Ethylbenzene			
Toluene			
Xylene			
cis-Dichlorethylene			
1,1,2-Trichlroethylene	5	130	
Chlorotoluene			
Unidentified Hydrocarbons			

SUFFOLK COUNTY HEALTH DEPT.
Well #8 - 4-4-84 - Dial Ace

	12 p.m.	1 p.m.	2 p.m.
Methylene Chloride			
1,1 Dichloroethylene		4	
1,1-Dichlorethane		11	5
trans-1,2-Dichloroethylene			
Chloroform		9	
1,2-Dichloroethane (Ethylene Chloride)			3
1,1,1-Trichloroethane		110	29
Carbon tetrachloride			
Bromodichloromethane			
1,2-Dichloropropane			
trans-1,3-Dichloropropylene			
Trichloroethylene			
Dibromochlormoethane			
1,1,2-Trichlroethane			
cis-1,3-Dichlorepropylene			
2-Chlorovinyl ether			
Bromoform			
1,1,2,2-Tetrachloroethane			
Tetrachloroethylene			
Chlorobenzene			
Dichlorodifluoromethane (Freon-12)			
Chloromethane			
Vinyl chloride			
Bromomethane			
Chloroethane			
Trichlorofluoromethane (Freon-11)			
Trichlorotrifluoroethane (Freon TF)			
Benzene			
Chlorobenzene			
1,2-Dichlorobenzene			
1,3-Dichlorobenzene			
1,4-Dichlorobenzene			
Ethylbenzene			
Toluene			
Xylene			
cis-Dichlorethylene			
1,1,2-Trichlroethylene			
Chlorotoluene			
Unidentified Hydrocarbons			

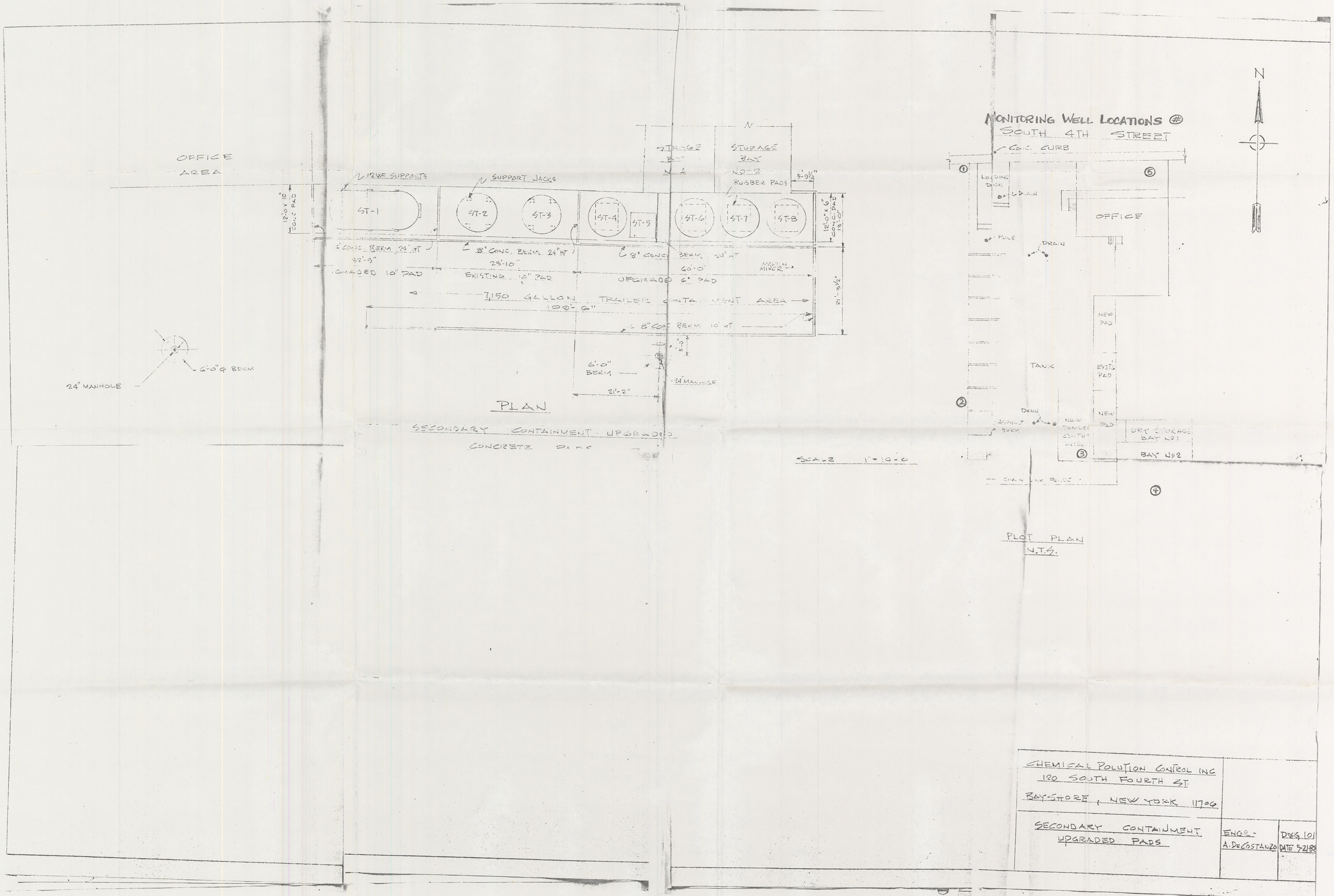
SUFFOLK COUNTY HEALTH DEPT.
Well #9 - 4-9-84 - Dial Ace

	11 a.m.	12 p.m.	1 p.m.
Methylene Chloride			
1,1 Dichloroethylene			
1,1-Dichlorethane	9.0	14	
trans-1,2-Dichloroethylene			
Chloroform			
1,2-Dichloroethane (Ethylene Chloride)			
1,1,1-Trichloroethane		33	
Carbon tetrachloride			
Bromodichloromethane			
1,2-Dichloropropane			
trans-1,3-Dichloropropylene			
Trichloroethylene			
Dibromochlormoethane			
1,1,2-Trichlroethane			
cis-1,3-Dichlorepropylene			
2-Chlorovinyl ether			
Bromoform			
1,1,2,2-Tetrachloroethane			
Tetrachloroethylene	8.0		
Chlorobenzene			
Dichlorodifluoromethane (Freon-12)			
Chloromethane			
Vinyl chloride			
Bromomethane			
Chloroethane			
Trichlorofluoromethane (Freon-11)			
Trichlorotrifluoroethane (Freon TF)			
Benzene			
Chlorobenzene			
1,2-Dichlorobenzene	5.0		
1,3-Dichlorobenzene			
1,4-Dichlorobenzene			
Ethylbenzene			
Toluene			
Xylene	7.0		
cis-Dichlorethylene			
1,1,2-Trichlroethylene		33	
Chlorotoluene	6.0		
Unidentified Hydrocarbons			

SOIL SAMPLES

Location plan and analytical data of soil taken from five CPC site locations.

Conclusions - soil samples data shows no significant contamination.


OFFICE AREA
12'-0" x 10' CONC. PAD
24" MANHOLE
6'-0" ϕ BERM
12WE SUPPORTS
SUPPORT JACKS
ST-1
ST-2
ST-3
ST-4
ST-5
ST-6
ST-7
ST-8
STORAGE BAY No 1
STORAGE BAY No 2
RUBBER PADS
5'-5 1/2"
12'-0" x 6' CONC. PAD 13'-0"
8" CONC. BERM 24" HT
8" CONC. BERM 10" HT
32'-9"
23'-10"
60'-0"
GRADED 10' PAD
EXISTING 10' PAD
UPGRADED 6" PAD
MAIN MIXER
7,150 GALLON TRAILER CONTAINMENT AREA
100'-6"
21'-3 1/2"
6" CONC BERM 10" HT
5'-0"
6'-0" BERM
24" MANHOLE
21'-2"
PLAN
SECONDARY CONTAINMENT - UPGRADED CONCRETE DIKE
SCALE 1" = 10'-0"
MONITORING WELL LOCATIONS #
SOUTH 4TH STREET
CONC. CURB
LOADING DOCK
DRAIN
OFFICE
POLE
DRAIN
NEW PAD
TANK
EXST. PAD
DRAIN
ASPHALT BERM
NEW TRAILER CONTAINMENT AREA
NEW PAD
DRY STORAGE BAY No 1
BAY No 2
SHAN LINE BRIDGE
N
PLOT PLAN
N.T.S.
CHEMICAL POLUTION CONTROL INC
120 SOUTH FOURTH ST.
BAY SHORE, NEW YORK 11706
SECONDARY CONTAINMENT UPGRADED PADS
ENGR:- A. DECOSTANZO
DWG 101
DATE 5-2-88

PUCK SHAVINGS FROM WELL INSTALLATIONS

Pucks used in the installation of monitoring wells 3 and 4 were tested to determine possible interference from CCA lumber.

Conclusion - mild contamination of heavy metals was detected and attributed to CCA lumber.

BORINGS ADJACENT TO STORM DRAINS

Borings #1 and #2 were made by machine auger adjacent to each of the storm drains at a depth of approximately 8 feet.

Conclusion - no significant contamination was found except for iron.

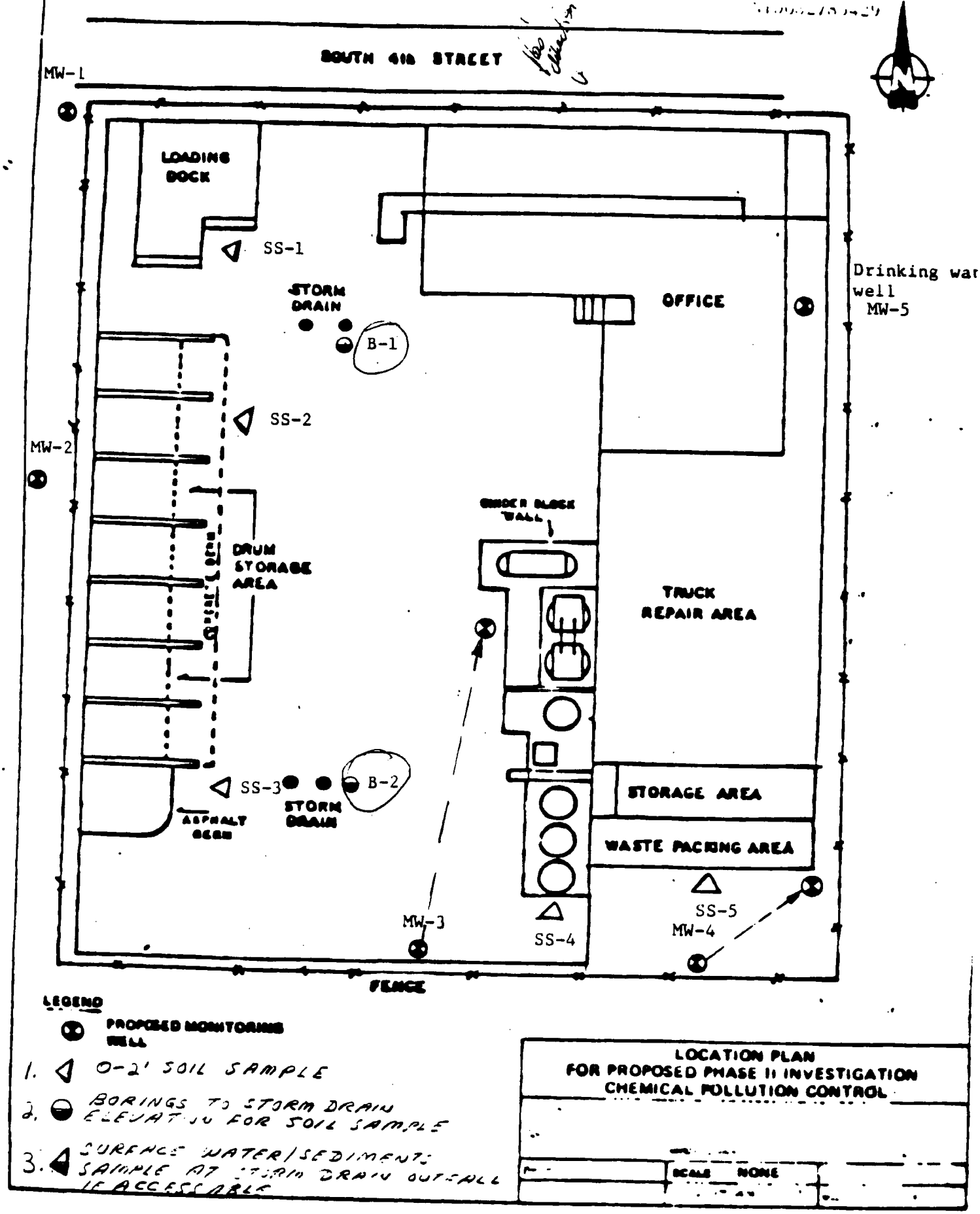

SOUTH 41st STREET
MW-1
LOADING DOCK
SS-1
STORM DRAIN
B-1
OFFICE
Drinking water well MW-5
SS-2
MW-2
CINDER BLOCK WALL
DRUM STORAGE AREA
TRUCK REPAIR AREA
SS-3
B-2
STORM DRAIN
ASPHALT BERM
STORAGE AREA
WASTE PACKING AREA
SS-5
MW-4
MW-3
SS-4
FENCE
LEGEND
PROPOSED MONITORING WELL
1. 0-2' SOIL SAMPLE
2. BORINGS TO STORM DRAIN ELEVATION FOR SOIL SAMPLE
3. SURFACE WATER/SEDIMENT SAMPLE AT STORM DRAIN OUTFALL IF ACCESSIBLE
LOCATION PLAN
FOR PROPOSED PHASE II INVESTIGATION
CHEMICAL POLLUTION CONTROL
SCALE NONE

FIGURE I

BLANKS

1. Moray sand was used as back fill material for packing the wells.
2. Incoming water consisted of pump priming, cement mixing and steam cleaning.

DRILLING LOGS

Data from Tyree Brothers well placement indicating soil characteristics.

SPLIT SPOON SAMPLES

Split spoon samples were continuously analyzed using a HNU photoionizer, although this was not part of the original work plan. Only samples which showed significant readings with the photoionizer were retained for lab analysis.

Retained samples were limited to 2' to 4' and 6' to 8' for MW #1; 2' to 4' and 10' - 12' for MW #2', 12' - 14' for MW #3; and 10' - 12' for MW #4. Monitoring well #5 showed no HNU readings, therefore no samples were retained for further lab analysis. The attached analysis is consequently only for those samples which had shown HNU readings.

In addition, metals analysis was performed to provide additional surety that no contamination existed.

IV

HISTORY/LOCATION

Chemical Pollution Control (CPC) is an operating TRANSFER STATION (TSDF) in Bay Shore, NY. This facility stores, blends, solidifies, consolidates and then transports hazardous wastes OFF-SITE FOR DISPOSAL.

Located at 120 South Fourth St., Bay Shore, NY 11706 (figure 2-1) the site includes a building 3,000 square ft. of storage and work areas; a loading dock, a bermed compartmented drum storage area, eight above-ground bermed storage tanks, a dry storage area, and a waste packing area (figure 2-2). The facility is immediately surrounded by a scrap metal yard to the west, trucking company to the east, and a cement company to the northeast, a bottled gas company to the north and the Sonia Road Landfill to the south. This landfill is listed by DEC as an abandoned hazardous waste site that is a significant threat to the public health or the environment.

This whole general area had been used for many years as an informal dump site for disposal of household items: appliance & furniture, auto parts: tires, bumpers, chassis; pails and cans: paints, solvents; demolition debris: concrete, wood; and just about everything else a modern technological society discards.

The property formerly housed a milk bottling and distribution company and a truck tire sales and service company. CPC started business in December 1975 and started its waste handling operations in 1976.

V

SITE ASSESSMENT

The general area is flat and is reflective of its being a former sand pit. To the west, north and east of CPC are a variety of heavy industries including but not limited to a precast concrete operation, an asphalt plant and a concrete plant, etc. To the south is the closed Sonia Road Landfill. Depth to ground water is 10' - 12' (CPC's drinking water well). Depth to bedrock is 1,350'.

There is an aquifer of moderatley well-drained, sandy soils to about 60', followed by Pleistocene glacial deposits to about 700 feet; this is then separated from the two primary aquifers by 75 feet of Gardiners Clay. These aquifers: Magothy and Lloyed are separated by the Raritan Clay. Wells screened in these aquifers yield as much as 1500 gallons per minute and are Suffolk County's major water bearing units.

All sampling was performed under observation, supervision and direction of DEC; the analysis performed by a NY State approved lab. The assessment of contamination is as follows: Analysis of our wells indicates that we are comparable to wells at Dial Ace to northwest and Baron Blakesley to the north east, (both with participation of Suffolk County Dept. of Health Services).

Public water supply wells within a three mile radius have been located on geological survey map (exhibit 2).

The following data is found in the appendix:

1. Monitoring wells data
   (a) CPC (Volumetric Techniques Ltd.)
   (b) Suff. County data at Baron Blakesley
   (c) Suff. County data at Dial Ace
2. Boring logs and soil test data (Tyree Brothers)
3. Air Sampling findings (Volumetric Techniques Ltd.)
4. NUS Phase findings. (Recommendations)

NUS CORPORATION

POTENTIAL HAZARDOUS WASTE SITE

EXECUTIVE SUMMARY

Chemical Pollution Control Site Name	NY D082785429 EPA Site ID Number
120 South Fourth Street Address	02-8303-24 TDD Number
Bay Shore, NY 11706	

Date of Site Visit: 4/15/83

SITE DESCRIPTION

Chemical Pollution Control is an approved Hazardous Waste Storer and Transporter. The site is about 0.5 acres in size, and stores large quantities of hazardous materials.

PRIORITY FOR FURTHER ACTION: High ____ Medium ____ Low x

RECOMMENDATIONS

Since this site is routinely inspected by the New York Department of Environmental Conservation (DEC) and the Suffolk County Department of Health Services, no further action is recommended.

Prepared by: William U. Russell of NUS Corporation Date: 5/3/83

NARRATIVE SUMMARY FOR FINAL APPLICATION

Section VI:

We the operators of Chemical Pollution Control (CPC) selected the name from a group of names we discussed. We felt this name was the most descriptive name for the work we intended to perform.

CPC is approximately a one half acre site located in Bay Shore in the County of Suffolk in the State of New York.

CPC acts as a transfer station, whose trucks pick up a variety of wastes from many different generators. In the vast majority of cases the material is brought to our site for consolidation into economical truck load quantities. All these various wastes are shipped for off-site: burning, solvent recovery or secure burial. We started our operations, as a private corporation in 1975, permitted to transport and handle industrial/hazardous wastes and have continuously done so.

We handle a large variety of wastes on a routine basis which fall into the following groups: liquids and solids which are ignitable, corrosive or toxic. All our wastes are held, above ground, in tanks or drums in contained areas until they are transported to the appropriate disposal site, therefore, CPC does not effect the local media.

We are located above a sole source aquifer but are not near any wet-lands or surface water. The land use, in the surrounding area, is that of heavy industry and commerce.

No enforcement actions have ever been taken against CPC but we are performing Phase II report under an order on consent.

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 5/08/87
RECEIVED 5/08/87
COMPLETED 6/24/87
REPORTED BY

TO:
Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE:	SAMPLE No.
Cust. #MW #1	87050818

PARAMETERS	RESULTS ug/kg	DETECTION LIMIT ug/kg	PARAMETERS	RESULTS ug/kg	DETECTION LIMIT ug/kg
Methylene chloride (II)	*	1	Bromoform	*	1
1,1-Dichloroethylene	*	1	1,1,2,2-Tetrachloroethane Tetrachloroethylene (I)	 *	1 1
1,1-Dichloroethane	*	1	Chlorobenzene	*	1
trans-1,2-Dichloroethylene	*	1	Dichlorodifluoromethane (Freon-12)	*	10
Chloroform (III)	*	1	Chloromethane	*	1
1,2-Dichloroethane (Ethylene chloride)	*	1	Vinyl chloride (I) Bromomethane (II)	*	1 1
1,1,1-Trichloroethane	6.8	1	Chloroethane	*	1
Carbon tetrachloride	*	1	Trichlorofluoromethane (III) (Freon-11)	*	1
Bromodichloromethane	*	1	Trichlorotrifluoroethane (Freon TF)	*	---
1,2-Dichloropropane	*	1			
trans-1,3-Dichloropropylene	*	1			
Trichloroethylene	7.3	1			
Dibromochlormoethane 1,1,2-Trichloroethane (I) cis-1,3-Dichloropropylene	* * *	1 1 1			
2-Chlorovinyl ether	*	---			

* Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

VOLUMETRIC TECHNIQUES, LTD.
317 BERNICE DRIVE
BAYPORT, NEW YORK 11705
16-472-4848

SANDER R. STERNIG
DIRECTOR OF LABORATORIES

SAMPLED BY CPC
DATE:
COLLECTED 7/21/87
RECEIVED 7/21/87
COMPLETED 7/31/87
REPORTED BY

TO:
Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE: Cust. # MW #1

SAMPLE No. 87072127

PARAMETERS	RESULTS	PARAMETERS	RESULTS ppm (mg/l)*
pH		Total Dissolved Solids	
	ppm (mg/l)*	Color	
Cadmium	<0.01	Atmospheric Pressure	—
Chromium, Total	0.01	Viscosity: SSU	
Chromium, Hexavalent	0.01	Organic	
Copper	<0.01	Layered	
Iron	0.50	BTU/GAL.	
Nickel	<0.01	Flash Point, °C	
Silver	<0.01	Chloride Halogenated, %	
Zinc	<0.01	Sulfur Halogenated, %	
Lead	<0.01	Cyanide	
Mercury		Ash %	
Selenium		Specific Gravity	
Arsenic		Make-Up %	
Barium	0.04		

Unless otherwise noted

Comments: TESTS ARE CONDUCTED IN ACCORDANCE WITH 40 CFR 261 APPENDIX II, EPA TOXICITY TEST PROCEDURE. AND SW-846 "TEST METHODS FOR EVALUATING SOLID WASTE"

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 7/21/87
RECEIVED 7/21/87
COMPLETED 7/24/87
REPORTED BY

TO: Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE: Cust. #MW 1

SAMPLE No. 87072127

PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)	PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
A-BHC	*	1			
Lindane	*	1			
B-BHC	*	1			
Heptachlor	*	1			
Aldrin	*	1			
Hep.-epoxide	*	1			
p,p'-DDE	*	1			
Dieldrin	*	1			
o,p'-DDD (TDE)	*	1			
Endrin	*	1			
o,p'-DDT	*	1			
p,p'-DDD (TDE)	*	1			
p,p'-DDT	*	1			

* Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 7/21/87
RECEIVED 7/21/87
COMPLETED 7/31/87
REPORTED BY

TO Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE:	SAMPLE No.
Cust. #MW #1	87072127

PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)	PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
Benzene	*	1			
Chlorobenzene	*	1			
1,2-Dichlorobenzene	*	1			
1,3-Dichlorobenzene	*	1			
1,4-Dichlorbenzene	*	1			
Ethylbenzene	*	1			
Toluene	*	1			
Xylene	*	1			

* Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 7/21/87
RECEIVED 7/21/87
COMPLETED 7/23/87
REPORTED BY

TO
Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE: Cust. # MW #1

SAMPLE No. 87072127

PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)	PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
Arochlor 1016	<1	1			
Arochlor 1254	<1	1			
Mixed Arochlor	<1	1			

• Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 10/08/87
RECEIVED 10/08/87
COMPLETED 10/15/87
REPORTED BY

TO: Chemical Pollution Control, Inc.
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE: Cust. MW #1

SAMPLE No. 87100803

PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
Methylene chloride (II)	*	1
1,1-Dichloroethylene	*	1
1,1-Dichloroethane	*	1
ans-1,2-Dichloroethylene	*	1
Chloroform (III)	*	1
1,2-Dichloroethane. (Ethylene chloride)	*	1
1,1,1-Trichloroethane	*	1
Carbon tetrachloride	*	1
Bromodichloromethane	*	1
1,2-Dichloropropane	*	1
trans-1,3-Dichloropropylene	*	1
Trichloroethylene	*	1
Dibromochlormoethane 1,1,2-Trichloroethane (I) cis-1,3-Dichloropropylene	* * *	1 1 1
2-Chlorovinyl ether	*	---

PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
Bromoform	*	1
1,1,2,2-Tetrachloroethane Tetrachloroethylene (I)	* *	1 1
Chlorobenzene	*	1
Dichlorodifluoromethane (Freon-12)	*	10
Chloromethane	*	1
Vinyl chloride (I) Bromomethane (II)	*	1 1
Chloroethane	*	1
Trichlorofluoromethane (III) (Freon-11)	*	1
Trichlorotrifluoroethane (Freon TF)	*	---
BTX	*	

Less than detection limit

(I) Concentration may be of one, two or three components in group

(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

Volumetric Techniques, LTD.

317 Bernice Drive • Bayport, New York 11705 • (516) 472-4848

To:Chemical Pollution Control
120 South Fourth St.
Baysnore NY 11706
C P C

Date:
Collected:04/10/88
Received :04/11/88
Completed:04/14/88

Sample Taken By
Client

Reported By:

Additional Lab No.:

Sample:C P C Well#1-H20 Sample
From Existing Well
4/8/88 1:03 Pm

Sample Number 14578804

Parameters	Results ppb	Parameters	Results ppb
Vinyl Chloride	*	Ethybenzene	*
Methylene Chloride	*	1,1,2 Trichloroethane	*
Chloroform	*	Chlorobenzene	*
1,1 Dichloroethylene	*	O-Xylene	*
Trans Dichloroethylene	*	M-Xylene	*
1,2 Dichloroethane	*	P-Xylene	*
1,1,1 Trichloroethane	2.03	Total Xylenes	*
Carbon Tectrachloride	*	O-Chlorotoluene	*
1 Bromo 2 Chloroethane	*	M-Chlorotoluene	*
1,1,2 Trichloroethylene	*	P-Chlorotoluene	*
Chlorodibromomethane	*	Total Chlorotoluene	*
1,2 Dibromoethane	*	1,3,5 Trimethylbenzene	*
2 Bromo 1 Chloropropane	*	1,2,4 Trimethylbenzene	*
Bromoform	*	M,P-Dichlorobenzene	*
Tetrachloroethylene	*	O-Dichlorobenzene	*
Cis Dichloroethylene	*	P-Diethylbenzene	*
Freon 113	*	1,2,4,5 Tetramethylbenzene	*
Dibromoethane	*	1,2,4 Trichlorobenzene	*
1,1 Dichloroethylene	*	1,2,3 Trichlorobenzene	*
Bromodichloromethane	*	1,1,1,2 Tetrachloroethane	*
2,3 Dichloropropene	*	1,2,3 Trichloropropane	*
Benzene	*	Unidentified Hydrocarbons	APPROX.7.0
Cis Dichloropropene	*		
Trans Dichloropropene	*		
Toluene	*		

Comments

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 5/08/87
RECEIVED 5/08/87
COMPLETED 6/24/87
REPORTED BY

TO:
Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE: Cust. #NW #2

SAMPLE No. 87050817

PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
Methylene chloride (II)	*	1
1,1-Dichloroethylene	*	1
1,1-Dichloroethane	*	1
trans-1,2-Dichloroethylene	*	1
Chloroform (III)	*	1
1,2-Dichloroethane (Ethylene chloride)	*	1
1,1,1-Trichloroethane	*	1
Carbon tetrachloride	*	1
Bromodichloromethane	*	1
1,2-Dichloropropane	*	1
trans-1,3-Dichloropropylene	*	1
Trichloroethylene	*	1
Dibromochlormoethane 1,1,2-Trichloroethane (I) cis-1,3-Dichloropropylene	* * *	1 1 1
2-Chlorovinyl ether	*	---

PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
Bromoform	*	1
1,1,2,2-Tetrachloroethane Tetrachloroethylene (I)	*	1 1
Chlorobenzene	*	1
Dichlorodifluoromethane (Freon-12)	*	10
Chloromethane	*	1
Vinyl chloride (I) Bromomethane (II)	*	1 1
Chloroethane	*	1
Trichlorofluoromethane (III) (Freon-11)	*	1
Trichlorotrifluoroethane (Freon TF)	*	---
Pentachlorophenol	<0.001 ppm	1
Other Phenol	*	1

* Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 5/08/87
RECEIVED 5/08/87
COMPLETED 6/24/87
REPORTED BY

TO Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE:	SAMPLE No.
Cust. #MW #2	87050817

PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)	PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
Benzene	*	1			
Chlorobenzene	*	1			
1,2-Dichlorobenzene	*	1			
1,3-Dichlorobenzene	*	1			
1,4-Dichlorobenzene	*	1			
Ethylbenzene	*	1			
Toluene	*	1			
Xylene	*	1			
Pentachlorophenol	<0.001ppm	1			
Other Phenol	*	1			

* Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

VOLUMETRIC TECHNIQUES, LTD.
317 BERNICE DRIVE
BAYPORT, NEW YORK 11705
516-472-4848

SAMPLED BY CPC
DATE:
COLLECTED 5/08/87
RECEIVED 5/08/87
COMPLETED 6/24/87
REPORTED BY

SANDER R. STERNIG
DIRECTOR OF LABORATORIES

TO:
Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE: Cust. # MW #2

SAMPLE No. 87050817

PARAMETERS	RESULTS	PARAMETERS	RESULTS ppm (mg/l)*
pH		Total Dissolved Solids	
	ppm (mg/l)*	Color	
Cadmium	1.28	Atmospheric Pressure	—
Chromium, Total	11.91	Viscosity: SSU	
Chromium, Hexavalent		Organic	
Copper	0.19	Layered	
Iron	5.14	BTU/GAL.	
Nickel	<0.01	Flash Point, °C	
Silver	<0.01	Chloride Halogenated, %	
Zinc	2.83	Sulfur Halogenated, %	
Lead	0.25	Cyanide	
Mercury	<0.001	Ash %	
Selenium	<0.01	Specific Gravity	
Arsenic	<0.01	Make-Up %	
Barium	0.44		

*Unless otherwise noted

Comments: TESTS ARE CONDUCTED IN ACCORDANCE WITH 40 CFR 261 APPENDIX II, EPA TOXICITY TEST PROCEDURE. AND SW-846 "TEST METHODS FOR EVALUATING SOLID WASTE"

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 7/21/87
RECEIVED 7/21/87
COMPLETED 7/23/87
REPORTED BY

TO: Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE: Cust. # MW #2

SAMPLE No. 87072128

PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)	PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
Arochlor 1016	<1	1			
Arochlor 1254	<1	1			
Mixed Arochlor	<1	1			

* Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 7/21/87
RECEIVED 7/21/87
COMPLETED 7/31/87
REPORTED BY

TO:
Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE: Cust. #MW #2

SAMPLE No. 87072128

PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)	PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
Methylene chloride (II)	7	1	Bromoform	*	1
1,1-Dichloroethylene	*	1	1,1,2,2-Tetrachloroethane Tetrachloroethylene (I)	*	1 1
1,1-Dichloroethane	*	1	Chlorobenzene	*	1
ns-1,2-Dichloroethylene	*	1	Dichlorodifluoromethane (Freon-12)	*	10
Chloroform (III)	[illegible]	1	Chloromethane	*	1
1,2-Dichloroethane (Ethylene chloride)	*	1	Vinyl chloride (I) Bromomethane (II)	*	1 1
1,1,1-Trichloroethane	*	1	Chloroethane	*	1
Carbon tetrachloride	*	1	Trichlorofluoromethane (III) (Freon-11)	*	1
Bromodichloromethane	*	1	Trichlorotrifluoroethane (Freon TF)	*	---
1,2-Dichloropropane	*	1			
trans-1,3-Dichloropropylene	*	1			
Trichloroethylene	*	1			
Dibromochlormoethane 1,1,2-Trichloroethane (I) cis-1,3-Dichloropropylene	* * *	1 1 1			
2-Chlorovinyl ether	*	---			

Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 7/21/87
RECEIVED 7/21/87
COMPLETED 7/24/87
REPORTED BY

TO Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE: Cust. #MW 2

SAMPLE No. 87072128

PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)	PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
A-BHC	*	1			
Lindane	*	1			
B-BHC	*	1			
Heptachlor	*	1			
Aldrin	*	1			
Hep.-epoxide	*	1			
p,p'-DDE	*	1			
Dieldrin	*	1			
o,p'-DDD (TDE)	*	1			
Endrin	*	1			
o,p'-DDT	*	1			
p,p'-DDD (TDE)	*	1			
p,p'-DDT	*	1			

* Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 7/21/87
RECEIVED 7/21/87
COMPLETED 7/31/87
REPORTED BY

TO Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE: Cust. #MW #2

SAMPLE No. 87072128

PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)	PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
Benzene	*	1			
Chlorobenzene	*	1			
1,2-Dichlorobenzene	*	1			
1,3-Dichlorobenzene	*	1			
1,4-Dichlorbenzene	*	1			
Ethylbenzene	*	1			
Toluene	*	1			
Xylene	*	1			

* Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

VOLUMETRIC TECHNIQUES, LTD.
317 BERNICE DRIVE
BAYPORT, NEW YORK 11705
'6-472-4848

SAMPLED BY CPC
DATE:
COLLECTED 7/21/87
RECEIVED 7/21/87
COMPLETED 7/31/87
REPORTED BY

SANDER R. STERNIG
DIRECTOR OF LABORATORIES

TO:
Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE:	SAMPLE No.
Cust. # MW #2	87072128

PARAMETERS	RESULTS	PARAMETERS	RESULTS ppm (mg/l)*
pH		Total Dissolved Solids	
	ppm (mg/l)*	Color	
Cadmium	<0.01	Atmospheric Pressure	—
.omium, Total	<0.01	Viscosity: SSU	
Chromium, Hexavalent	<0.01	Organic	
Copper	<0.01	Layered	
Iron	0.74	BTU/GAL.	
Nickel	0.01	Flash Point, °C	
Silver	<0.01	Chloride Halogenated, %	
Zinc	<0.01	Sulfur Halogenated, %	
Lead	<0.01	Cyanide	
Mercury		Ash %	
Selenium		Specific Gravity	
Arsenic		Make-Up %	
Barium	0.06		

ıless otherwise noted

Comments: TESTS ARE CONDUCTED IN ACCORDANCE WITH 40 CFR 261 APPENDIX II, EPA TOXICITY TEST PROCEDURE. AND SW-846 "TEST METHODS FOR EVALUATING SOLID WASTE"

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 10/08/8
RECEIVED 10/08/8
COMPLETED 10/15/8
REPORTED BY

TO: Chemical Pollution Control, Inc.
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE:	SAMPLE No.
Cust. MW #2	87100804

PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)	PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
Methylene chloride (II)	*	1	Bromoform	*	1
1,1-Dichloroethylene	*	1	1,1,2,2-Tetrachloroethane Tetrachloroethylene (I)	*	1 1
1,1-Dichloroethane	*	1	Chlorobenzene	*	1
trans-1,2-Dichloroethylene	*	1	Dichlorodifluoromethane (Freon-12)	*	10
Chloroform (III)	*	1	Chloromethane	*	1
1,2-Dichloroethane (Ethylene chloride)	*	1	Vinyl chloride (I) Bromomethane (II)	*	1 1
1,1,1-Trichloroethane	40.23	1	Chloroethane	*	1
Carbon tetrachloride	*	1	Trichlorofluoromethane (III) (Freon-11)	*	1
Bromodichloromethane	*	1	Trichlorotrifluoroethane (Freon TF)	*	---
1,2-Dichloropropane	*	1	BTX	*	
trans-1,3-Dichloropropylene	*	1			
Trichloroethylene	*	1			
Dibromochlormoethane 1,1,2-Trichloroethane (I) cis-1,3-Dichloropropylene	* * *	1 1 1			
2-Chlorovinyl ether	*	---			

* Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 7/21/87
RECEIVED 7/21/87
COMPLETED 7/31/87
REPORTED BY

TO Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE: Cust. #MW #3

SAMPLE No. 87072129

PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)	PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
Benzene	*	1			
Chlorobenzene	*	1			
1,2-Dichlorobenzene	*	1			
1,3-Dichlorobenzene	*	1			
1,4-Dichlorbenzene	*	1			
Ethylbenzene	*	1			
Toluene	*	1			
Xylene	*	1			

* Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY Laboratory
DATE:
COLLECTED 10/21/87
RECEIVED 10/21/87
COMPLETED 10/30/87
REPORTED BY

TO: Chemical Pollution Control, Inc.
120. South Fourth Street
Bay Shore, New York 11706

SAMPLE: Cust. MW #2

SAMPLE No. 87102108

PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
Methylene chloride (II)	*	1
1,1-Dichloroethylene	*	1
1,1-Dichloroethane	*	1
trans-1,2-Dichloroethylene	*	1
Chloroform (III)	*	1
1,2-Dichloroethane (Ethylene chloride)	*	1
1,1,1-Trichloroethane	85.59	1
Carbon tetrachloride	*	1
Bromodichloromethane	*	1
1,2-Dichloropropane	*	1
trans-1,3-Dichloropropylene	*	1
Trichloroethylene	1.09	1
Dibromochlormoethane	*	1
1,1,2-Trichloroethane (I)	*	1
cis-1,3-Dichloropropylene	*	1
2-Chloroethylvinyl Ether	*	1

PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
Bromoform	*	1
1,1,2,2-Tetrachloroethane	*	1
Tetrachloroethylene (I)	*	1
Chlorobenzene	*	1
Dichlorodifluoromethane (Freon-12)	*	10
1,1-Dichlorobenzene	*	1
1,3-Dichlorobenzene		1
1,4-Dichlorobenzene	*	1
Benzene	*	1
Ethylbenzene	*	1
Trichlorofluoromethane (III) (Freon-11)	*	1
Toluene	*	1

* Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

Laboratory ID# 10058

Volumetric Techniques, LTD.

317 Bernice Drive • Bayport, New York 11705 • (516) 472-4848

To:Chemical Pollution Control
120 South Fourth St.
Bayshore NY 11706
C P C

Sample Taken By
Client

Date:
Collected: 4/10/88
Received :04/11/88
Completed:04/14/88
Reported By:

Additional Lab No.:

Sample:C P C Well#2-H20 Sample
From Existing Well
4/8/88;1:57pm

Sample Number 14588804

Parameters	Results ppb	Parameters	Results ppb
Vinyl Chloride	*	Ethybenzene	*
Methylene Chloride	*	1,1,2 Trichloroethane	*
Chloroform	*	Chlorobenzene	*
1,1 Dichloroethylene	7.47	O-Xylene	*
Trans Dichloroethylene	*	M-Xylene	*
1,2 Dichloroethane	*	P-Xylene	*
1,1,1 Trichloroethane	173.51	Total Xylenes	*
Carbon Tectrachloride	*	O-Chlorotoluene	*
1 Bromo 2 Chloroethane	*	M-Chlorotoluene	*
1,1,2 Trichloroethylene	*	P-Chlorotoluene	*
Chlorodibromomethane	*	Total Chlorotoluene	*
1,2 Dibromoethane	*	1,3,5 Trimethylbenzene	*
2 Bromo 1 Chloropropane	*	1,2,4 Trimethylbenzene	*
Bromoform	*	M,P-Dichlorobenzene	*
Tetrachloroethylene	*	O-Dichlorobenzene	*
Cis Dichloroethylene	*	P-Diethylbenzene	*
Freon 113	*	1,2,4,5 Tetramethylbenzene	*
Dibromoethane	*	1,2,4 Trichlorobenzene	*
1,1 Dichloroethane	4.90	1,2,3 Trichlorobenzene	*
Bromodichloromethane	*	1,1,1,2 Tetrachloroethane	*
2,3 Dichloropropene	*	1,2,3 Trichloropropane	*
Benzene	*		
Cis Dichloropropene	*		
Trans Dichloropropene	*		
Toluene	*		

Comments

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 7/21/87
RECEIVED 7/21/87
COMPLETED 7/23/87
REPORTED BY

TO: Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE: Cust. # MW #3

SAMPLE No. 87072129

PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)	PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
Arochlor 1016	<1	1			
Arochlor 1254	<1	1			
Mixed Arochlor	<1	1			

* Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 7/21/87
RECEIVED 7/21/87
COMPLETED 7/24/87
REPORTED BY

TO Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE:	SAMPLE No.
Cust. #MW 3	87072129

PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)	PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
A-BHC	*	1			
Lindane	*	1			
B-BHC	*	1			
Heptachlor	*	1			
Aldrin	*	1			
Hep.-epoxide	*	1			
p,p'-DDE	*	1			
Dieldrin	*	1			
o,p'-DDD (TDE)	*	1			
Endrin	*	1			
o,p'-DDT	*	1			
p,p'-DDD (TDE)	*	1			
p,p'-DDT	*	1			

* Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

VOLUMETRIC TECHNIQUES, LTD.
317 BERNICE DRIVE
'AYPORT, NEW YORK 11705
.6-472-4848

SAMPLED BY CPC
DATE:
COLLECTED 7/21/87
RECEIVED 7/21/87
COMPLETED 7/31/87
REPORTED BY

SANDER R. STERNIG
DIRECTOR OF LABORATORIES

TO:
Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE:
Cust. # MW #3

SAMPLE No.
87072129

PARAMETERS	RESULTS	PARAMETERS	RESULTS ppm (mg/l)*
pH		Total Dissolved Solids	
	ppm (mg/l)*	Color	
Cadmium	<0.01	Atmospheric Pressure	—
Chromium, Total	0.06	Viscosity: SSU	
Chromium, Hexavalent		Organic	
Copper	0.12	Layered	
Iron	1.57	BTU/GAL.	
Nickel	0.01	Flash Point, °C	
Silver	0.01	Chloride Halogenated, %	
Zinc	0.03	Sulfur Halogenated, %	
Lead	<0.01	Cyanide	
Mercury		Ash %	
Selenium		Specific Gravity	
Arsenic		Make-Up %	
Barium	0.07		

.less otherwise noted

Comments: TESTS ARE CONDUCTED IN ACCORDANCE WITH 40 CFR 261 APPENDIX II, EPA TOXICITY TEST PROCEDURE. AND SW-846 "TEST METHODS FOR EVALUATING SOLID WASTE"

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 7/21/87
RECEIVED 7/21/87
COMPLETED 7/31/87
REPORTED BY

TO:
Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE: Cust. #MW #3

SAMPLE No. 87072129

PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)	PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
Methylene chloride (II)	*	1	Bromoform	*	1
1,1-Dichloroethylene	*	1	1,1,2,2-Tetrachloroethane Tetrachloroethylene (I)	*	1 1
1,1-Dichloroethane	*	1	Chlorobenzene	*	1
trans-1,2-Dichloroethylene		1	Dichlorodifluoromethane (Freon-12)	*	10
Chloroform (III)		1	Chloromethane	*	1
1,2-Dichloroethane (Ethylene chloride)	*	1	Vinyl chloride (I) Bromomethane (II)	*	1 1
1,1,1-Trichloroethane	3.17	1	Chloroethane	*	1
Carbon tetrachloride	*	1	Trichlorofluoromethane (III) (Freon-11)	*	1
Bromodichloromethane	*	1	Trichlorotrifluoroethane (Freon TF)	*	---
1,2-Dichloropropane	*	1			
trans-1,3-Dichloropropylene	*	1			
Trichloroethylene	2.66	1			
Dibromochlormoethane 1,1,2-Trichloroethane (I) cis-1,3-Dichloropropylene	* * *	1 1 1			
2-Chlorovinyl ether	*	---			

* Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY.
DATE:
COLLE
RECEI.
COMPLETED
REPORTED BY

TO: Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE: Cust. #MW #3

SAMPLE No. 87092509

PARAMETERS	RESULTS mg/kg	DETECTION LIMIT mg/kg
Methylene chloride (II)	*	1
1,1-Dichloroethylene	*	1
1,1-Dichloroethane	116.43	1
trans-1,2-Dichloroethylene	*	1
Chloroform (III)	*	1
1,2-Dichloroethane (Ethylene chloride)	*	1
1,1,1-Trichloroethane	*	1
Carbon tetrachloride	*	1
Bromodichloromethane	*	1
1,2-Dichloropropane	*	1
trans-1,3-Dichloropropylene	*	1
Trichloroethylene	143.4	1
Dibromochlormoethane	*	1
1,1,2-Trichloroethane (I)	*	1
cis-1,3-Dichloropropylene	*	1
2-Chlorovinyl ether	*	---

PARAMETERS	RESULTS mg/kg	DETECTION LIMIT mg/kg
Bromoform	*	1
1,1,2,2-Tetrachloroethane	17.7	1
Tetrachloroethylene (I)		1
Chlorobenzene	*	1
Dichlorodifluoromethane (Freon-12)	*	10
Chloromethane	*	1
Vinyl chloride (I)	*	1
Bromomethane (II)		1
Chloroethane	*	1
Trichlorofluoromethane (III) (Freon-11)	*	1
Trichlorotrifluoroethane (Freon TF)	*	---
Unidentified Aromatics	23.3	

* Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 10/08/87
RECEIVED 10/08/87
COMPLETED 10/15/87
REPORTED BY

TO: Chemical Pollution Control, Inc.
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE: Cust. MW #3

SAMPLE No. 87100805

PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
Methylene chloride (II)	*	1
1,1-Dichloroethylene	*	1
1,1-Dichloroethane	2.53	1
trans-1,2-Dichloroethylene	2.72	1
Chloroform (III)	6.64	1
1,2-Dichloroethane (Ethylene chloride)	*	1
1,1,1-Trichloroethane	32.43	1
Carbon tetrachloride	*	1
Bromodichloromethane	*	1
1,2-Dichloropropane	*	1
trans-1,3-Dichloropropylene	*	1
Trichloroethylene	79.07	1
Dibromochlormoethane	*	1
1,1,2-Trichloroethane (I)	*	1
cis-1,3-Dichloropropylene	*	1
2-Chlorovinyl ether	*	---

PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
Bromoform	*	1
1,1,2,2-Tetrachloroethane	*	1
Tetrachloroethylene (I)	9.93	1
Chlorobenzene	*	1
Dichlorodifluoromethane (Freon-12)	*	10
Chloromethane	*	1
Vinyl chloride (I)	*	1
Bromomethane (II)		1
Chloroethane	*	1
Trichlorofluoromethane (III) (Freon-11)	*	1
Trichlorotrifluoroethane (Freon TF)	*	---
Unidentified Aromatic (1)	28.47	

Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

VOLUMETRIC TECHNIQUES, LTD.
317 BERNICE DRIVE
AYPORT, NEW YORK 11705
16-472-4848

SAMPLED BY CPC
DATE:
COLLECTED 7/21/87
RECEIVED 7/21/87
COMPLETED 7/31/87
REPORTED BY

SANDER R. STERNIG
DIRECTOR OF LABORATORIES

TO:
Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE:	SAMPLE No.
Cust. # MW #4	87072130

PARAMETERS	RESULTS	PARAMETERS	RESULTS ppm (mg/l)*
pH		Total Dissolved Solids	
	ppm (mg/l)*	Color	
Cadmium	0.01	Atmospheric Pressure	—
Chromium, Total	0.08	Viscosity: SSU	
Chromium, Hexavalent		Organic	
Copper	0.03	Layered	
Iron	0.61	BTU/GAL.	
Nickel	0.01	Flash Point, °C	
Silver	<0.01	Chloride Halogenated, %	
Zinc	0.01	Sulfur Halogenated, %	
Lead	<0.01	Cyanide	
Mercury		Ash %	
Selenium		Specific Gravity	
Arsenic		Make-Up %	
Barium	0.06		

*Unless otherwise noted

Comments: TESTS ARE CONDUCTED IN ACCORDANCE WITH 40 CFR 261 APPENDIX II, EPA TOXICITY TEST PROCEDURE. AND SW-846 "TEST METHODS FOR EVALUATING SOLID WASTE"

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 7/21/87
RECEIVED 7/21/87
COMPLETED 7/23/87
REPORTED BY

TO
Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE:
Cust. # MW #4

SAMPLE No.
87072130

PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)	PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
Arochlor 1016	<1	1			
Arochlor 1254	<1	1			
Mixed Arochlor	<1	1			

* Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 7/21/87
RECEIVED 7/21/87
COMPLETED 7/24/87
REPORTED BY

TO: Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE: Cust. #MW 4

SAMPLE No. 87072130

PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)	PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
A-BHC	*	1			
Lindane	*	1			
B-BHC	*	1			
Heptachlor	*	1			
Aldrin	*	1			
Hep.-epoxide	*	1			
p,p'-DDE	*	1			
Dieldrin	*	1			
o,p'-DDD (TDE)	*	1			
Endrin	*	1			
o,p'-DDT	*	1			
p,p'-DDD (TDE)	*	1			
p,p'-DDT	*	1			

* Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 7/21/87
RECEIVED 7/21/87
COMPLETED 7/31/87
REPORTED BY

TO Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE:	SAMPLE No.
Cust. #MW #4	87072130

PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)	PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
Benzene	187.25	1			
Chlorobenzene	*	1			
1,2-Dichlorobenzene	*	1			
1,3-Dichlorobenzene	*	1			
1,4-Dichlorbenzene	*	1			
Ethylbenzene	*	1			
Toluene	*	1			
Xylene	*	1			
1,1-Dichloroethane	4.9	1			
T-1,2-Dichloroethylene	5.02	1			
1,1,1-Trichloroethane	158	1			
Trichloroethylene	216	1			
Tetrachloroethane	15.8	1			
Unidentified Aromatics	115				

* Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 7/21/87
RECEIVED 7/21/87
COMPLETED 7/31/87
REPORTED BY

TO:
Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE:	SAMPLE No.
Cust. #MW #4	87072130

PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
Methylene chloride (II)	*	1
1,1-Dichloroethylene	*	1
1,1-Dichloroethane	4.9	1
trans-1,2-Dichloroethylene	5.02	1
Chloroform (III)	*	1
1,2-Dichloroethane (Ethylene chloride)	*	1
1,1,1-Trichloroethane	158	1
Carbon tetrachloride	*	1
Bromodichloromethane	*	1
1,2-Dichloropropane	*	1
trans-1,3-Dichloropropylene	*	1
Trichloroethylene	216	1
Dibromochlormoethane 1,1,2-Trichloroethane (I) cis-1,3-Dichloropropylene	* * *	1 1 1
2-Chlorovinyl ether	*	---

PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
Bromoform	*	1
1,1,2,2-Tetrachloroethane Tetrachloroethylene (I)	*	1 1
Chlorobenzene	*	1
Dichlorodifluoromethane (Freon-12)	*	10
Chloromethane	*	1
Vinyl chloride (I) Bromomethane (II)	*	1 1
Chloroethane	*	1
Trichlorofluoromethane (III) (Freon-11)	*	1
Trichlorotrifluoroethane (Freon TF)	*	---
Tetrachloroethane	15.8	1
Benzene	187.25	1
Unidentified Aromatics	115	

* Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 9/25/87
RECEIVED 9/25/87
COMPLETED 9/30/87
REPORTED BY

TO: Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE: Cust. #MW #

SAMPLE No. 87092510

PARAMETERS	RESULTS mg/kg	DETECTION LIMIT mg/kg
Methylene chloride (II)	*	1
1,1-Dichloroethylene	*	1
1,1-Dichloroethane	*	1
trans-1,2-Dichloroethylene	5.5	1
Chloroform (III)	*	1
1,2-Dichloroethane (Ethylene chloride)	*	1
1,1,1-Trichloroethane	188.76	1
Carbon tetrachloride	*	1
Bromodichloromethane	*	1
1,2-Dichloropropane	*	1
trans-1,3-Dichloropropylene	*	1
Trichloroethylene	304.58	1
Dibromochlormoethane 1,1,2-Trichloroethane (I) cis-1,3-Dichloropropylene	* * *	1 1 1
2-Chlorovinyl ether	*	---

PARAMETERS	RESULTS mg/kg	DETECTION LIMIT mg/kg
Bromoform	*	1
1,1,2,2-Tetrachloroethane Tetrachloroethylene (I)	8.75	1 1
Chlorobenzene	*	1
Dichlorodifluoromethane (Freon-12)	*	10
Chloromethane	*	1
Vinyl chloride (I) Bromomethane (II)	*	1 1
Chloroethane	*	1
Trichlorofluoromethane (III) (Freon-11)	*	1
Trichlorotrifluoroethane (Freon TF)	*	---
Unidentified Aromatics	42.75	

* Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 10/08/87
RECEIVED 10/08/87
COMPLETED 10/15/87
REPORTED BY

TO: Chemical Pollution Control, Inc.
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE: Cust. MW #4

SAMPLE No. 87100806

PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
Methylene chloride (II)	*	1
1,1-Dichloroethylene	*	1
1,1-Dichloroethane	2.97	1
ns-1,2-Dichloroethylene	6.4	1
Chloroform (III)	18.1	1
1,2-Dichloroethane (Ethylene chloride)	*	1
1,1,1-Trichloroethane	70.9	1
Carbon tetrachloride	*	1
Bromodichloromethane	*	1
1,2-Dichloropropane	*	1
trans-1,3-Dichloropropylene	*	1
Trichloroethylene	140.25	1
Dibromochlormoethane 1,1,2-Trichloroethane (I) cis-1,3-Dichloropropylene	* * *	1 1 1
2-Chlorovinyl ether	*	---

PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
Bromoform	*	1
1,1,2,2-Tetrachloroethane Tetrachloroethylene (I)	* 4.96	1 1
Chlorobenzene	*	1
Dichlorodifluoromethane (Freon-12)	*	10
Chloromethane	*	1
Vinyl chloride (I) Bromomethane (II)	*	1 1
Chloroethane	*	1
Trichlorofluoromethane (III) (Freon-11)	*	1
Trichlorotrifluoroethane (Freon TF)	*	---
Unidentified Aromatic (1)	49.77	

ess than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

VOLUMETRIC TECHNIQUES, LTD.
317 BERNICE DRIVE
BAYPORT, NEW YORK 11705
16-472-4848

SAMPLED BY CPC
DATE:
COLLECTED 7/21/87
RECEIVED 7/21/87
COMPLETED 7/31/87
REPORTED BY

SANDER R. STERNIG
DIRECTOR OF LABORATORIES

TO:
Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE: Cust. # MW #5

SAMPLE No. 87072131

PARAMETERS	RESULTS	PARAMETERS	RESULTS ppm (mg/l)*
pH		Total Dissolved Solids	
	ppm (mg/l)*	Color	
Cadmium	<0.01	Atmospheric Pressure	—
Chromium, Total	<0.01	Viscosity: SSU	
Chromium, Hexavalent	<0.01	Organic	
Copper	0.02	Layered	
Iron	0.63	BTU/GAL.	
Nickel	<0.01	Flash Point, °C	
Silver	0.01	Chloride Halogenated, %	
Zinc	0.01	Sulfur Halogenated, %	
Lead	<0.01	Cyanide	
Mercury		Ash %	
Selenium		Specific Gravity	
Arsenic		Make-Up %	
Barium	0.08		

nless otherwise noted

Comments: TESTS ARE CONDUCTED IN ACCORDANCE WITH 40 CFR 261 APPENDIX II, EPA TOXICITY TEST PROCEDURE. AND SW-846 "TEST METHODS FOR EVALUATING SOLID WASTE"

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 7/21/87
RECEIVED 7/21/87
COMPLETED 7/31/87
REPORTED BY

TO:
Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE: Cust. #MW #5

SAMPLE No. 87072131

PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)	PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
Methylene chloride (II)	*	1	Bromoform	*	1
1,1-Dichloroethylene	*	1	1,1,2,2-Tetrachloroethane Tetrachloroethylene (I)	*	1 1
1,1-Dichloroethane	4.4	1	Chlorobenzene	*	1
trans-1,2-Dichloroethylene	7.12	1	Dichlorodifluoromethane (Freon-12)	*	10
Chloroform (III)	*	1	Chloromethane	*	1
1,2-Dichloroethane (Ethylene chloride)	*	1	Vinyl chloride (I) Bromomethane (II)	*	1 1
1,1,1-Trichloroethane	91.68	1	Chloroethane	*	1
Carbon tetrachloride	*	1	Trichlorofluoromethane (III) (Freon-11)	*	1
Bromodichloromethane	*	1	Trichlorotrifluoroethane (Freon TF)	*	---
1,2-Dichloropropane	*	1	Tetrachloroethane	8.3	1
trans-1,3-Dichloropropylene	*	1	Benzene	216	1
Trichloroethylene	252.48	1	Unidentified Aromatic	32.34	
Dibromochlormoethane 1,1,2-Trichloroethane (I) cis-1,3-Dichloropropylene	* * *	1 1 1			
2-Chlorovinyl ether	*	---			

* Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 7/21/87
RECEIVED 7/21/87
COMPLETED 7/31/87
REPORTED BY

TO Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE: Cust. #MW #5

SAMPLE No. 87072131

PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)	PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
Benzene	216	1			
Chlorobenzene	*	1			
1,2-Dichlorobenzene	*	1			
1,3-Dichlorobenzene	*	1			
1,4-Dichlorbenzene	*	1			
Ethylbenzene	*	1			
Toluene	*	1			
Xylene	*	1			
1,1-Dichloroethane	4.4	1			
T-1,2-Dichloroethylene	7.12	1			
1,1,1-Trichloroethane	91.68	1			
Trichloroethylene	252.48	1			
Tetrachloroethane	8.3	1			
Unidentified Aromatc	32.34				

* Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 7/21/87
RECEIVED 7/21/87
COMPLETED 7/24/87
REPORTED BY

TO: Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE: Cust. #MW 5

SAMPLE No. 87072131

PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)	PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
A-BHC	*	1			
Lindane	*	1			
B-BHC	*	1			
Heptachlor	*	1			
Aldrin	*	1			
Hep.-epoxide	*	1			
p,p'-DDE	*	1			
Dieldrin	*	1			
o,p'-DDD (TDE)	*	1			
Endrin	*	1			
o,p'-DDT	*	1			
p,p'-DDD (TDE)	*	1			
p,p'-DDT	*	1			

* Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 7/21/87
RECEIVED 7/21/87
COMPLETED 7/23/87
REPORTED BY

TO: Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE: Cust. # MW #5

SAMPLE No. 87072131

PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)	PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
Arochlor 1016	<1	1			
Arochlor 1254	<1	1			
Mixed Arochlor	<1	1			

Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 10/08/87
RECEIVED 10/08/87
COMPLETED 10/15/87
REPORTED BY

TO: Chemical Pollution Control, Inc.
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE:	SAMPLE No.
Cust. MW #5	87100807

PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)	PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
Methylene chloride (II)	*	1	Bromoform	*	1
1,1-Dichloroethylene	*	1	1,1,2,2-Tetrachloroethane Tetrachloroethylene (I)	* *	1 1
1,1-Dichloroethane	*	1	Chlorobenzene	*	1
ns-1,2-Dichloroethylene	*	1	Dichlorodifluoromethane (Freon-12)	*	10
Chloroform (III)	*	1	Chloromethane	*	1
1,2-Dichloroethane (Ethylene chloride)	*	1	Vinyl chloride (I) Bromomethane (II)	*	1 1
1,1,1-Trichloroethane	*	1	Chloroethane	*	1
Carbon tetrachloride	*	1	Trichlorofluoromethane (III) (Freon-11)	*	1
Bromodichloromethane	*	1	Trichlorotrifluoroethane (Freon TF)	*	---
1,2-Dichloropropane	*	1	BTX	*	
trans-1,3-Dichloropropylene	*	1			
Trichloroethylene	*	1			
Dibromochlormoethane 1,1,2-Trichloroethane (I) cis-1,3-Dichloropropylene	* * *	1 1 1			
2-Chlorovinyl ether	*	---			

Less than detection limit

Concentration may be of one, two or three components in group (II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

Volumetric Techniques, LTD.

317 Bernice Drive • Bayport, New York 11705 • (516) 472-4848

To: Chemical Pollution Control
120 South Fourth Street
Bayshore NY 11706
C P C 586-0333

Sample Taken By
Client

Date:
Collected: 4/08/88
Received : 04/12/88
Completed: 04/1[illegible]/88
Reported By:
Additional Lab No.:

Sample: C P C Well#5-H20 Sample
From Existing Well
4/8/88;2:40pm
586-0333

Sample Number 15280804

Parameters	Results ppb(mmg/l)	Parameters	Results ppb(mmg/l)
Vinyl Chloride	*	Ethybenzene	*
Methylene Chloride	*	1,1,2 Trichloroethane	*
Chloroform	*	Chlorobenzene	*
1,1 Dichloroethylene	*	O-Xylene	*
Trans Dichloroethylene	*	M-Xylene	*
1,2 Dichloroethane	*	P-Xylene	*
1,1,1 Trichloroethane	*	Total Xylenes	*
Carbon Tectrachloride	*	O-Chlorotoluene	*
1 Bromo 2 Chloroethane	*	M-Chlorotoluene	*
1,1,2 Trichloroethylene	*	P-Chlorotoluene	*
Chlorodibromomethane	*	Total Chlorotoluene	*
1,2 Dibromoethane	*	1,3,5 Trimethylbenzene	*
2 Bromo 1 Chloropropane	*	1,2,4 Trimethylbenzene	*
Bromoform	*	M,P-Dichlorobenzene	*
Tetrachloroethylene	*	O-Dichlorobenzene	*
Cis Dichloroethylene	*	P-Diethylbenzene	*
Freon 113	*	1,2,4,5 Tetramethylbenzene	*
Dibromoethane	*	1,2,4 Trichlorobenzene	*
1,1 Dichloroethylene	*	1,2,3 Trichlorobenzene	*
Bromodichloromethane	*	1,1,1,2 Tetrachloroethane	*
2,3 Dichloropropene	*	1,2,3 Trichloropropane	*
Benzene	*	Unidentified Hydrocarbons	1.55
Cis Dichloropropene	*		
Trans Dichloropropene	*		
Toluene	*		

Comments

* Indicates less than 1 part per billion or below detection limit.

• CONSULTING CHEMISTS • COMPLETE LABORATORY TESTING •
•Sander R. Sternig•Director of Laboratories•

Lab No. TO- 384229
Field No. DAU-5
Date 3-15-84
Time
Col. By HANSEN

Rec'd at Lab 3-15-84 11:45A
Public Water
Private Water
Other
Date Completed 3-19-84
Examined By KHAPSE

SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES
DIVISION OF MEDICAL LEGAL INVESTIGATIONS & FORENSIC SCIENCES
PUBLIC HEALTH LABORATORY

TRACE ORGANIC ANALYSIS OF WATER

Name SCDHS Owner or District

Location CORBIN AV. DEER PARK

Point of Collection 1/2'

Remarks: RICH MARKUZ

Compound	ppb	Compound	ppb
306 vinyl chloride	<3	250 benzene	<3
305 methylene chloride	<2	251 toluene	<3
290 bromochloromethane	<2	258 chlorobenzene	<3
323 1,1 dichloroethane	<2	259 ethylbenzene	<3
309 trans dichloroethylene	<2	254 o-xylene	<3
300 chloroform	<2	252 m-xylene	<3
324 1,2 dichloroethane	<2	253 p-xylene	<3
321 1,1,1 trichloroethane	<2	255 total xylenes	—
304 carbon tetrachloride	<2	257 bromobenzene	<4
294 1 bromo 2 chloroethane	<2	266 o-chlorotoluene	<3
405 1,2 dichloropropane	<2	267 m-chlorotoluene	<3
310 1,1,2 trichloroethylene	<2	268 p-chlorotoluene	<3
303 chlorodibromomethane	<2	265 total chlorotoluene	—
293 1,2 dibromoethane	<2	419 1,3,5 trimethylbenzene	<3
420 2 bromo 1 chloropropane	<2	418 1,2,4 trimethylbenzene	<3
301 bromoform	<2	415 m,p-dichlorobenzene	<4
311 tetrachloroethylene	<2	412 o-dichlorobenzene	<4
308 cis dichloroethylene	<2	432 p-diethylbenzene	<3
320 freon 113	<2	435 1,2,4,5 tetramethylbenz'	<3
292 dibromomethane	<2	--- 1,2,4 trichlorobenzene	<4
307 1,1 dichloroethylene	<2	--- 1,2,3 trichlorobenzene	<5
302 bromodichloromethane	<2	409 1,1,1,2 tetrachl'oethane	<2
406 2,3 dichloropropene	<2	430 1,2,2,3 tetrachl'propane	<2
407 cis dichloropropene	<2	295 s-tetrachloroethane	—
408 trans dichloropropene	<2	431 1,1,1,2 tetrachl'propane	<2
322 1,1,2 trichloroethane	<2	433 1,2,3 trichloropropane	<2

Lab No. TO- 384230
Field No. DAU-5
Date 3-15-84
Time
Col. By HANSEN

Rec'd at Lab 3-15-84
Public Water
Private Water
Other
Date Completed 3-19-84
Examined By ISHBPSL

SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES
DIVISION OF MEDICAL LEGAL INVESTIGATIONS & FORENSIC SCIENCES
PUBLIC HEALTH LABORATORY

TRACE ORGANIC ANALYSIS OF WATER

Name SCDHS Owner or District

Location CORBIN AV. DOSE PARK

Point of Collection 22'

Remarks: RICHMARKER

	Compound	ppb		Compound	ppb
306	vinyl chloride	<3	250	benzene	<3
305	methylene chloride	<2	251	toluene	<3
290	bromochloromethane	<2	258	chlorobenzene	<3
323	1,1 dichloroethane	<2	259	ethylbenzene	<3
309	trans dichloroethylene	<2	254	o-xylene	<3
300	chloroform	<2	252	m-xylene	<3
324	1,2 dichloroethane	<2	253	p-xylene	<3
321	1,1,1 trichloroethane	(110)	255	total xylenes	—
304	carbon tetrachloride	<2	257	bromobenzene	<4
294	1 bromo 2 chloroethane	<2	266	o-chlorotoluene	<3
405	1,2 dichloropropane	<2	267	m-chlorotoluene	<3
310	1,1,2 trichloroethylene	<2	268	p-chlorotoluene	<3
303	chlorodibromomethane	<2	265	total chlorotoluene	—
293	1,2 dibromoethane	<2	419	1,3,5 trimethylbenzene	<3
420	2 bromo 1 chloropropane	<2	418	1,2,4 trimethylbenzene	<3
301	bromoform	<2	415	m,p-dichlorobenzene	<4
311	tetrachloroethylene	<2	412	o-dichlorobenzene	<4
308	cis dichloroethylene	<2	432	p-diethylbenzene	<3
320	freon 113	<2	435	1,2,4,5 tetramethylbenz'	<3
292	dibromomethane	<2	---	1,2,4 trichlorobenzene	<4
307	1,1 dichloroethylene	<2	---	1,2,3 trichlorobenzene	<5
302	bromodichloromethane	<2	409	1,1,1,2 tetrachl'oethane	<2
406	2,3 dichloropropene	<2	430	1,2,2,3 tetrachl'propane	<2
407	cis dichloropropene	<2	295	s-tetrachloroethane	—
408	trans dichloropropene	<2	431	1,1,1,2 tetrachl'propane	<2
322	1,1,2 trichloroethane	<2	433	1,2,3 trichloropropane	<2

Lab No. TO- 484071
Field No. #7
Date 4-3-84
Time 1200
Col. By GFLYMN

Rec'd at Lab 4/3/84
Public Water
Private Water
Other
Date Completed 4-6-84
Examined By RUPP II

SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES
DIVISION OF MEDICAL LEGAL INVESTIGATIONS & FORENSIC SCIENCES
PUBLIC HEALTH LABORATORY

TRACE ORGANIC ANALYSIS OF WATER

Name Suff Co. Owner or District

Location CORBIN AVE & FIRST ST (DIAL ACE)

Point of Collection 40'-42'

Remarks: RESULTS TO R. MARKEL (TWO BOTTLES)

	Compound	ppb		Compound	ppb
306	vinyl chloride	5	250	benzene	<3
305	methylene chloride	<2	251	toluene	<3
290	bromochloromethane	<2	258	chlorobenzene	<3
23	1,1 dichloroethane	<2	259	ethylbenzene	<3
309	trans dichloroethylene	<2	254	o-xylene	<3
300	chloroform	<2	252	m-xylene	<3
324	1,2 dichloroethane	<2	253	p-xylene	<3
321	1,1,1 trichloroethane	<2	255	total xylenes	—
304	carbon tetrachloride	<2	257	bromobenzene	<4
294	1 bromo 2 chloroethane	<2	266	o-chlorotoluene	<3
405	1,2 dichloropropane	<2	267	m-chlorotoluene	<3
310	1,1,2 trichloroethylene	<2	268	p-chlorotoluene	<3
303	chlorodibromomethane	<2	265	total chlorotoluene	—
293	1,2 dibromoethane	<2	419	1,3,5 trimethylbenzene	<3
420	2 bromo 1 chloropropane	<2	418	1,2,4 trimethylbenzene	<3
301	bromoform	<2	415	m,p-dichlorobenzene	<4
311	tetrachloroethylene	<2	412	o-dichlorobenzene	<4
308	cis dichloroethylene	<2	432	p-diethylbenzene	<3
320	freon 113	<2	435	1,2,4,5 tetramethylbenz'	<3
292	dibromomethane	<2	---	1,2,4 trichlorobenzene	<4
307	1,1 dichloroethylene	<2	---	1,2,3 trichlorobenzene	<5
302	bromodichloromethane	<2	409	1,1,1,2 tetrachl'oethane	<2
406	2,3 dichloropropene	<2	430	1,2,2,3 tetrachl'propane	<2
07	cis dichloropropene	<2	295	s-tetrachloroethane	—
408	trans dichloropropene	<2	431	1,1,1,2 tetrachl'propane	<2
322	1,1,2 trichloroethane	<2	433	1,2,3 trichloropropane	<2

Lab No. TO- 484070
Field No. #7
Date 4-3-84
Time 1300
1. By G. FLYNN

Rec'd at Lab 4/3/84
Public Water
Private Water
Other
Date Completed 4-6-84
Examined By KHOPE

SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES
DIVISION OF MEDICAL LEGAL INVESTIGATIONS & FORENSIC SCIENCES
PUBLIC HEALTH LABORATORY

TRACE ORGANIC ANALYSIS OF WATER

Name DIAL ACE Owner or District

Location CORBIN AVE & FIRST ST

Point of Collection 30' - 32'

Remarks: RESULTS TO R. MAKKEL (TWO BOTTLES)

Compound	ppb	Compound	ppb
306 vinyl chloride	<3	250 benzene	<3
305 methylene chloride	<2	251 toluene	<3
290 bromochloromethane	<2	258 chlorobenzene	<3
13 1,1 dichloroethane	<2	259 ethylbenzene	<3
309 trans dichloroethylene	<2	254 o-xylene	<3
300 chloroform	<2	252 m-xylene	<3
324 1,2 dichloroethane	<2	253 p-xylene	<3
321 1,1,1 trichloroethane	3	255 total xylenes	—
304 carbon tetrachloride	<2	257 bromobenzene	<4
294 1 bromo 2 chloroethane	<2	266 o-chlorotoluene	<3
405 1,2 dichloropropane	<2	267 m-chlorotoluene	<3
310 1,1,2 trichloroethylene	<2	268 p-chlorotoluene	<3
303 chlorodibromomethane	<2	265 total chlorotoluene	—
293 1,2 dibromoethane	<2	419 1,3,5 trimethylbenzene	<3
420 2 bromo 1 chloropropane	<2	418 1,2,4 trimethylbenzene	<3
301 bromoform	<2	415 m,p-dichlorobenzene	<4
311 tetrachloroethylene	<2	412 o-dichlorobenzene	<4
308 cis dichloroethylene	[illegible]	432 p-diethylbenzene	<3
320 freon 113	<2	435 1,2,4,5 tetramethylbenz'	<3
292 dibromomethane	<2	--- 1,2,4 trichlorobenzene	<4
307 1,1 dichloroethylene	<2	--- 1,2,3 trichlorobenzene	<5
302 bromodichloromethane	<2	409 1,1,1,2 tetrachl'oethane	<2
406 2,3 dichloropropene	<2	430 1,2,2,3 tetrachl'propane	<2
07 cis dichloropropene	<2	295 s-tetrachloroethane	—
408 trans dichloropropene	<2	431 1,1,1,2 tetrachl'propane	<2
322 1,1,2 trichloroethane	<2	433 1,2,3 trichloropropane	<2

Lab No. TO- 484069
Field No. II
Date 4-3-84
Time 1400
Col. By G. FLYNN

Rec'd at Lab 4/3/84
Public Water
Private Water
Other
Date Completed 4-9-84
Examined By KHAPJL

SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES
DIVISION OF MEDICAL LEGAL INVESTIGATIONS & FORENSIC SCIENCES
PUBLIC HEALTH LABORATORY

TRACE ORGANIC ANALYSIS OF WATER

Name DIAL ACE Owner or District

Location CORBIN AVE & FIRST ST

Point of Collection 20'-22'

Remarks: RESULTS TO R MARKEL (TWO BOTTLES)

	Compound	ppb		Compound	ppb
306	vinyl chloride	<3	250	benzene	<3
305	methylene chloride	<2	251	toluene	<3
290	bromochloromethane	<2	258	chlorobenzene	<3
23	1,1 dichloroethane	<2	259	ethylbenzene	<3
309	trans dichloroethylene	<2	254	o-xylene	<3
300	chloroform	6	252	m-xylene	<3
324	1,2 dichloroethane	<2	253	p-xylene	<3
321	1,1,1 trichloroethane	53	255	total xylenes	—
304	carbon tetrachloride	<2	257	bromobenzene	<4
294	1 bromo 2 chloroethane	<2	266	o-chlorotoluene	<3
405	1,2 dichloropropane	<2	267	m-chlorotoluene	<3
310	1,1,2 trichloroethylene	<2	268	p-chlorotoluene	<3
303	chlorodibromomethane	<2	265	total chlorotoluene	—
293	1,2 dibromoethane	<2	419	1,3,5 trimethylbenzene	<3
420	2 bromo 1 chloropropane	<2	418	1,2,4 trimethylbenzene	<3
301	bromoform	<2	415	m,p-dichlorobenzene	<4
311	tetrachloroethylene	<2	412	o-dichlorobenzene	<4
308	cis dichloroethylene	<2	432	p-diethylbenzene	<3
320	freon 113	<2	435	1,2,4,5 tetramethylbenz'	<3
292	dibromomethane	<2	---	1,2,4 trichlorobenzene	<4
307	1,1 dichloroethylene	<2	---	1,2,3 trichlorobenzene	<5
302	bromodichloromethane	<2	409	1,1,1,2 tetrachl'oethane	<2
406	2,3 dichloropropene	<2	430	1,2,2,3 tetrachl'propane	<2
407	cis dichloropropene	<2	295	s-tetrachloroethane	—
408	trans dichloropropene	<2	431	1,1,1,2 tetrachl'propane	<2
322	1,1,2 trichloroethane	<2	433	1,2,3 trichloropropane	<2

Lab No. TO- 484005
Field No. #6
Date 4-2-84
Time 12:00
Col. By G. Flynn

Rec'd at Lab 4-2-84 2:00pm
Public Water
Private Water
Other
Date Completed 4-4-84
Examined By THUPJR

SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES
DIVISION OF MEDICAL LEGAL INVESTIGATIONS & FORENSIC SCIENCES
PUBLIC HEALTH LABORATORY

TRACE ORGANIC ANALYSIS OF WATER

Name DIAL ACE Owner or District

Location DEER PARK

Point of Collection 60'-62'

Remarks: TWO BOTTLES { 1 SMALL, 1 LARGE RESULTS TO R. MARKEL

	Compound	ppb		Compound	ppb
306	vinyl chloride	<3	250	benzene	<3
305	methylene chloride	<2	251	toluene	<3
290	bromochloromethane	<2	258	chlorobenzene	<3
023	1,1 dichloroethane	<2	259	ethylbenzene	<3
09	trans dichloroethylene	<2	254	o-xylene	<3
300	chloroform	<2	252	m-xylene	<3
324	1,2 dichloroethane	<2	253	p-xylene	<3
321	1,1,1 trichloroethane	<2	255	total xylenes	—
304	carbon tetrachloride	<2	257	bromobenzene	<4
294	1 bromo 2 chloroethane	<2	266	o-chlorotoluene	<3
405	1,2 dichloropropane	<2	267	m-chlorotoluene	<3
310	1,1,2 trichloroethylene	<5	268	p-chlorotoluene	<3
303	chlorodibromomethane	<2	265	total chlorotoluene	—
293	1,2 dibromoethane	<2	419	1,3,5 trimethylbenzene	<3
420	2 bromo 1 chloropropane	<2	418	1,2,4 trimethylbenzene	<3
301	bromoform	<2	415	m,p-dichlorobenzene	<4
311	tetrachloroethylene	<2	412	o-dichlorobenzene	<4
308	cis dichloroethylene	<2	432	p-diethylbenzene	<3
320	freon 113	<2	435	1,2,4,5 tetramethylbenz'	<3
292	dibromomethane	<2	---	1,2,4 trichlorobenzene	<4
307	1,1 dichloroethylene	<2	---	1,2,3 trichlorobenzene	<5
302	bromodichloromethane	<2	409	1,1,1,2 tetrachl'oethane	<2
406	2,3 dichloropropene	<2	430	1,2,2,3 tetrachl'propane	<2
407	cis dichloropropene	<2	295	s-tetrachloroethane	—
08	trans dichloropropene	<2	431	1,1,1,2 tetrachl'propane	<2
322	1,1,2 trichloroethane	<2	433	1,2,3 trichloropropane	<2

Lab No. TO- 484004
Field No. #6
Date 4-2-84
Time 13:00
Rec. By G. FLYNN

Rec'd at Lab 4/2/84
Public Water
Private Water
Other
Date Completed 4-3-84
Examined By KHAPE

SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES
DIVISION OF MEDICAL LEGAL INVESTIGATIONS & FORENSIC SCIENCES
PUBLIC HEALTH LABORATORY

TRACE ORGANIC ANALYSIS OF WATER

Name DIAL ACE Owner or District

Location DEER PARK

Point of Collection 40'-42'

Remarks: TWO BOTTLES { 1 SMALL, 1 LARGE } RESULTS TO R. MARKEL

Compound	ppb	Compound	ppb
306 vinyl chloride	<3	250 benzene	<3
305 methylene chloride	<2	251 toluene	<3
290 bromochloromethane	<2	258 chlorobenzene	<3
23 1,1 dichloroethane	<2	259 ethylbenzene	<3
309 trans dichloroethylene	<2	254 o-xylene	<3
300 chloroform	<2	252 m-xylene	<3
324 1,2 dichloroethane	12	253 p-xylene	<3
321 1,1,1 trichloroethane	<2	255 total xylenes	-
304 carbon tetrachloride	<2	257 bromobenzene	<4
294 1 bromo 2 chloroethane	<2	266 o-chlorotoluene	<3
405 1,2 dichloropropane	<2	267 m-chlorotoluene	<3
310 1,1,2 trichloroethylene	<2	268 p-chlorotoluene	<3
303 chlorodibromomethane	<2	265 total chlorotoluene	—
293 1,2 dibromoethane	<2	419 1,3,5 trimethylbenzene	<3
420 2 bromo 1 chloropropane	<2	418 1,2,4 trimethylbenzene	<3
301 bromoform	<2	415 m,p-dichlorobenzene	<4
311 tetrachloroethylene	<2	412 o-dichlorobenzene	<4
308 cis dichloroethylene	<2	432 p-diethylbenzene	<3
320 freon 113	<2	435 1,2,4,5 tetramethylbenz'	<3
292 dibromomethane	<2	--- 1,2,4 trichlorobenzene	<4
307 1,1 dichloroethylene	<2	--- 1,2,3 trichlorobenzene	<3
302 bromodichloromethane	<2	409 1,1,1,2 tetrachl'oethane	<2
406 2,3 dichloropropene	<2	430 1,2,2,3 tetrachl'propane	<2
07 cis dichloropropene	<2	295 s-tetrachloroethane	—
408 trans dichloropropene	<2	431 1,1,1,2 tetrachl'propane	<2
322 1,1,2 trichloroethane	<2	433 1,2,3 trichloropropane	<2

Lab No. TO-484003
Field No. #6
Date 4-2-84
Time 19:00
I. By G. FLYNN

Rec'd at Lab 4/2/84
Public Water
Private Water
Other
Date Completed 4-5-84
Examined By [illegible]

SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES
DIVISION OF MEDICAL LEGAL INVESTIGATIONS & FORENSIC SCIENCES
PUBLIC HEALTH LABORATORY

TRACE ORGANIC ANALYSIS OF WATER

Name DIAL ACE Owner or District

Location DEER PARK

Point of Collection 20' - 22'

Remarks: TWO BOTTLES { 1 LARGE, 1 SMALL RESULTS TO R. MACKELL

	Compound	ppb		Compound	ppb
306	vinyl chloride	<3	250	benzene	<3
305	methylene chloride	<2	251	toluene	<3
290	bromochloromethane	<2	258	chlorobenzene	<3
3	1,1 dichloroethane	<2	259	ethylbenzene	<3
309	trans dichloroethylene	<2	254	o-xylene	<3
300	chloroform	3	252	m-xylene	<3
324	1,2 dichloroethane	<2	253	p-xylene	<3
321	1,1,1 trichloroethane	<2	255	total xylenes	-
304	carbon tetrachloride	<2	257	bromobenzene	<4
294	1 bromo 2 chloroethane	<2	266	o-chlorotoluene	<3
405	1,2 dichloropropane	<2	267	m-chlorotoluene	<3
310	1,1,2 trichloroethylene	130	268	p-chlorotoluene	<3
303	chlorodibromomethane	<2	265	total chlorotoluene	-
293	1,2 dibromoethane	<2	419	1,3,5 trimethylbenzene	<3
420	2 bromo 1 chloropropane	<2	418	1,2,4 trimethylbenzene	<3
301	bromoform	<2	415	m,p-dichlorobenzene	<4
311	tetrachloroethylene	<2	412	o-dichlorobenzene	<4
308	cis dichloroethylene	<2	432	p-diethylbenzene	<3
320	freon 113	<2	435	1,2,4,5 tetramethylbenz'	<3
292	dibromomethane	<2	---	1,2,4 trichlorobenzene	<4
307	1,1 dichloroethylene	<2	---	1,2,3 trichlorobenzene	<5
302	bromodichloromethane	<2	409	1,1,1,2 tetrachl'oethane	<2
406	2,3 dichloropropene	<2	430	1,2,2,3 tetrachl'propane	<2
07	cis dichloropropene	<2	295	s-tetrachloroethane	-
408	trans dichloropropene	<2	431	1,1,1,2 tetrachl'propane	<2
322	1,1,2 trichloroethane	<2	433	1,2,3 trichloropropane	<2

Lab No. TO- 484091
Field No. #8
Date 4-4-84
Time 12000
Col. By FLYNN

Rec'd at Lab 4/4/84
Public Water
Private Water
Other
Date Completed 4-6-84
Examined By KHAPTL

SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES
DIVISION OF MEDICAL LEGAL INVESTIGATIONS & FORENSIC SCIENCES
PUBLIC HEALTH LABORATORY

TRACE ORGANIC ANALYSIS OF WATER

Name DIAL ACE. #8 Owner or District SCHD.

Location CORBIN ST. DEER PARK

Point of Collection 60'-62'

Remarks: RESULTS TO R. MARKEL (TWO BOTTLES)

	Compound	ppb		Compound	ppb
306	vinyl chloride	<3	250	benzene	<3
305	methylene chloride	<2	251	toluene	<3
290	bromochloromethane	<2	258	chlorobenzene	<3
23	1,1 dichloroethane	<2	259	ethylbenzene	<3
309	trans dichloroethylene	<2	254	o-xylene	<3
300	chloroform	<2	252	m-xylene	<3
324	1,2 dichloroethane	<2	253	p-xylene	<3
321	1,1,1 trichloroethane	<2	255	total xylenes	—
304	carbon tetrachloride	<2	257	bromobenzene	<4
294	1 bromo 2 chloroethane	<2	266	o-chlorotoluene	<3
405	1,2 dichloropropane	<2	267	m-chlorotoluene	<3
310	1,1,2 trichloroethylene	<2	268	p-chlorotoluene	<3
303	chlorodibromomethane	<2	265	total chlorotoluene	—
293	1,2 dibromoethane	<2	419	1,3,5 trimethylbenzene	<3
420	2 bromo 1 chloropropane	<2	418	1,2,4 trimethylbenzene	<3
301	bromoform	<2	415	m,p-dichlorobenzene	<4
311	tetrachloroethylene	<2	412	o-dichlorobenzene	<4
308	cis dichloroethylene	<2	432	p-diethylbenzene	<3
320	freon 113	<2	435	1,2,4,5 tetramethylbenz'	<3
292	dibromomethane	<2	---	1,2,4 trichlorobenzene	<4
307	1,1 dichloroethylene	<2	---	1,2,3 trichlorobenzene	<5
302	bromodichloromethane	<2	409	1,1,1,2 tetrachl'oethane	<2
406	2,3 dichloropropene	<2	430	1,2,2,3 tetrachl'propane	<2
407	cis dichloropropene	<2	295	s-tetrachloroethane	—
408	trans dichloropropene	<2	431	1,1,1,2 tetrachl'propane	<2
322	1,1,2 trichloroethane	<2	433	1,2,3 trichloropropane	<2

Lab No. TO- 484090
Field No. #8
Date 4.4.84
Time 13:00
1. By FLYNN

Rec'd at Lab 4/4/84
Public Water
Private Water
Other
Date Completed 4-9-84
Examined By [illegible]

SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES
DIVISION OF MEDICAL LEGAL INVESTIGATIONS & FORENSIC SCIENCES
PUBLIC HEALTH LABORATORY

TRACE ORGANIC ANALYSIS OF WATER

Name DIAL ACE #8 Owner or District SCHD.

Location CORBIN ST. DEER PARK

Point of Collection 40'-42'

Remarks: RESULTS TO R. MARKEL (TWO BOTTLES)

	Compound	ppb		Compound	ppb
306	vinyl chloride	<3	250	benzene	<3
305	methylene chloride	<2	251	toluene	<3
290	bromochloromethane	<2	258	chlorobenzene	<3
13	1,1 dichloroethane	11	259	ethylbenzene	<3
309	trans dichloroethylene	<2	254	o-xylene	<3
300	chloroform	9	252	m-xylene	<3
324	1,2 dichloroethane	<2	253	p-xylene	<3
321	1,1,1 trichloroethane	110	255	total xylenes	—
304	carbon tetrachloride	<2	257	bromobenzene	<4
294	1 bromo 2 chloroethane	<2	266	o-chlorotoluene	<3
405	1,2 dichloropropane	<2	267	m-chlorotoluene	<3
310	1,1,2 trichloroethylene	<2	268	p-chlorotoluene	<3
303	chlorodibromomethane	<2	265	total chlorotoluene	—
293	1,2 dibromoethane	<2	419	1,3,5 trimethylbenzene	<3
420	2 bromo 1 chloropropane	<2	418	1,2,4 trimethylbenzene	<3
301	bromoform	<2	415	m,p-dichlorobenzene	<4
311	tetrachloroethylene	<2	412	o-dichlorobenzene	<4
308	cis dichloroethylene	<2	432	p-diethylbenzene	<3
320	freon 113	<2	435	1,2,4,5 tetramethylbenz'	<3
292	dibromomethane	<2	---	1,2,4 trichlorobenzene	<4
307	1,1 dichloroethylene	<2	---	1,2,3 trichlorobenzene	<5
302	bromodichloromethane	<2	409	1,1,1,2 tetrachl'oethane	<2
406	2,3 dichloropropene	<2	430	1,2,2,3 tetrachl'propane	<2
07	cis dichloropropene	<2	295	s-tetrachloroethane	—
08	trans dichloropropene	<2	431	1,1,1,2 tetrachl'propane	<2
322	1,1,2 trichloroethane	<2	433	1,2,3 trichloropropane	<2

Lab No. TO- 484089
Field No. A8
Date 4-4-84
Time 14:00
Col. By Flynn

Rec'd at Lab 4/4/84
Public Water
Private Water
Other
Date Completed 4-6-84
Examined By KHAP JL

SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES
DIVISION OF MEDICAL LEGAL INVESTIGATIONS & FORENSIC SCIENCES
PUBLIC HEALTH LABORATORY

TRACE ORGANIC ANALYSIS OF WATER

Name DIAL ACE A8 Owner or District

Location CORBIN AVE DEER PARK

Point of Collection 20'-22'

Remarks: RESULT TO R. MARKEL (TWO BOTTLES)

Compound	ppb	Compound	ppb
306 vinyl chloride	<3	250 benzene	<3
305 methylene chloride	<2	251 toluene	<3
290 bromochloromethane	<2	258 chlorobenzene	<3
323 1,1 dichloroethane	5	259 ethylbenzene	<3
309 trans dichloroethylene	<2	254 o-xylene	<3
300 chloroform	<2	252 m-xylene	<3
324 1,2 dichloroethane	3	253 p-xylene	<3
321 1,1,1 trichloroethane	29	255 total xylenes	—
304 carbon tetrachloride	<2	257 bromobenzene	<4
294 1 bromo 2 chloroethane	<2	266 o-chlorotoluene	<3
405 1,2 dichloropropane	<2	267 m-chlorotoluene	<3
310 1,1,2 trichloroethylene	<2	268 p-chlorotoluene	<3
303 chlorodibromomethane	<2	265 total chlorotoluene	—
293 1,2 dibromoethane	<2	419 1,3,5 trimethylbenzene	<3
420 2 bromo 1 chloropropane	<2	418 1,2,4 trimethylbenzene	<3
301 bromoform	<2	415 m,p-dichlorobenzene	<4
311 tetrachloroethylene	<2	412 o-dichlorobenzene	<4
308 cis dichloroethylene	<2	432 p-diethylbenzene	<3
320 freon 113	<2	435 1,2,4,5 tetramethylbenz'	<3
292 dibromomethane	<2	--- 1,2,4 trichlorobenzene	<4
307 1,1 dichloroethylene	<2	--- 1,2,3 trichlorobenzene	<5
302 bromodichloromethane	<2	409 1,1,1,2 tetrachl'oethane	<2
406 2,3 dichloropropene	<2	430 1,2,2,3 tetrachl'propane	<2
407 cis dichloropropene	<2	295 s-tetrachloroethane	—
408 trans dichloropropene	<2	431 1,1,1,2 tetrachl'propane	<2
322 1,1,2 trichloroethane	<2	433 1,2,3 trichloropropane	<2

Lab No. TO- 484174
Field No. #9
Date 4-9-84
Time 13:00
Col. By Flynn

Rec'd at Lab 4/9/84
Public Water
Private Water
Other
Date Completed 4-11-84
Examined By [illegible]

SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES
DIVISION OF MEDICAL LEGAL INVESTIGATIONS & FORENSIC SCIENCES
PUBLIC HEALTH LABORATORY

TRACE ORGANIC ANALYSIS OF WATER

Name Dial Ace #9 Owner or District

Location 9 Third Street Deer Park

Point of Collection # 20'

Remarks: Results to R. Markel (Two bottles)

	Compound	ppb		Compound	ppb
306	vinyl chloride	<3	250	benzene	<3
305	methylene chloride	<2	251	toluene	<3
290	bromochloromethane	<2	258	chlorobenzene	<3
323	1,1 dichloroethane	<2	259	ethylbenzene	[illegible]
309	trans dichloroethylene	<2	254	o-xylene	[illegible]
300	chloroform	<2	252	m-xylene	<3
324	1,2 dichloroethane	<2	253	p-xylene	<3
321	1,1,1 trichloroethane	<2	255	total xylenes	—
304	carbon tetrachloride	<2	257	bromobenzene	<4
294	1 bromo 2 chloroethane	<2	266	o-chlorotoluene	<3
405	1,2 dichloropropane	<2	267	m-chlorotoluene	<3
310	1,1,2 trichloroethylene	33	268	p-chlorotoluene	<3
303	chlorodibromomethane	<2	265	total chlorotoluene	—
293	1,2 dibromoethane	<2	419	1,3,5 trimethylbenzene	<3
420	2 bromo 1 chloropropane	<2	418	1,2,4 trimethylbenzene	<3
301	bromoform	<2	415	m,p-dichlorobenzene	<4
311	tetrachloroethylene	<2	412	o-dichlorobenzene	<4
308	cis dichloroethylene	<2	432	p-diethylbenzene	<3
320	freon 113	<2	435	1,2,4,5 tetramethylbenz'	<3
292	dibromomethane	<2	---	1,2,4 trichlorobenzene	<4
307	1,1 dichloroethylene	<2	---	1,2,3 trichlorobenzene	<5
302	bromodichloromethane	<2	409	1,1,1,2 tetrachl'oethane	<2
406	2,3 dichloropropene	<2	430	1,2,2,3 tetrachl'propane	<2
407	cis dichloropropene	<2	295	s-tetrachloroethane	—
308	trans dichloropropene	<2	431	1,1,1,2 tetrachl'propane	<2
322	1,1,2 trichloroethane	<2	433	1,2,3 trichloropropane	<2

/

Lab No. TO- 484176
Field No. #9
Date 4- -84
Time 11:00
Col. By Flynn

Rec'd at Lab 4/9/84
Public Water
Private Water
Other
Date Completed 4-12-84
Examined By RPJ

SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES
DIVISION OF MEDICAL LEGAL INVESTIGATIONS & FORENSIC SCIENCES
PUBLIC HEALTH LABORATORY

TRACE ORGANIC ANALYSIS OF WATER

Name DIAL ACE #9 Owner or District

Location S. THIRD STREET DEER PARK

Point of Collection 60'

Remarks: RESULTS TO R. MARKEL (TWO BOTTLES)

	Compound	ppb		Compound	ppb
306	vinyl chloride	<3	250	benzene	<3
305	methylene chloride	<2	251	toluene	<3
290	bromochloromethane	<2	258	chlorobenzene	<3
323	1,1 dichloroethane	9	259	ethylbenzene	<3
09	trans dichloroethylene	<2	254	o-xylene	—
300	chloroform	<2	252	m-xylene	—
324	1,2 dichloroethane	<2	253	p-xylene	—
321	1,1,1 trichloroethane	<2	255	total xylenes	7
304	carbon tetrachloride	<2	257	bromobenzene	<4
294	1 bromo 2 chloroethane	<2	266	o-chlorotoluene	—
405	1,2 dichloropropane	<2	267	m-chlorotoluene	—
310	1,1,2 trichloroethylene	<2	268	p-chlorotoluene	—
303	chlorodibromomethane	<2	265	total chlorotoluene	6
293	1,2 dibromoethane	<2	419	1,3,5 trimethylbenzene	<3
420	2 bromo 1 chloropropane	<2	418	1,2,4 trimethylbenzene	<3
301	bromoform	<2	415	m,p-dichlorobenzene	<4
311	tetrachloroethylene	8	412	o-dichlorobenzene	5
308	cis dichloroethylene	<2	432	p-diethylbenzene	<3
320	freon 113	<2	435	1,2,4,5 tetramethylbenz'	<3
292	dibromomethane	<2	---	1,2,4 trichlorobenzene	<4
307	1,1 dichloroethylene	<2	---	1,2,3 trichlorobenzene	<5
302	bromodichloromethane	<2	409	1,1,1,2 tetrachl'oethane	<2
406	2,3 dichloropropene	<2	430	1,2,2,3 tetrachl'propane	<2
407	cis dichloropropene	<2	295	s-tetrachloroethane	—
08	trans dichloropropene	<2	431	1,1,1,2 tetrachl'propane	<2
322	1,1,2 trichloroethane	<2	433	1,2,3 trichloropropane	<2

Lab No. TO- 484175
Field No. #9
Date 4-9-84
Time 1200
Col. By COFLYNN

Rec'd at Lab 4/9/84
Public Water
Private Water
Other
Date Completed 4-11-84
Examined By PJT

SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES
DIVISION OF MEDICAL LEGAL INVESTIGATIONS & FORENSIC SCIENCES
PUBLIC HEALTH LABORATORY

TRACE ORGANIC ANALYSIS OF WATER

Name D.A.C ACE #9 Owner or District

Location S THWD STREET DEER PARK

Point of Collection 40'

Remarks: Results To R. MARKEL (TWO BOTTLES)

	Compound	ppb		Compound	ppb
306	vinyl chloride	<3	250	benzene	<3
305	methylene chloride	<2	251	toluene	<3
290	bromochloromethane	<2	258	chlorobenzene	<3
23	1,1 dichloroethane	14	259	ethylbenzene	<3
09	trans dichloroethylene	2	254	o-xylene	<3
300	chloroform	<2	252	m-xylene	<3
324	1,2 dichloroethane	<2	253	p-xylene	<3
321	1,1,1 trichloroethane	33	255	total xylenes	—
304	carbon tetrachloride	<2	257	bromobenzene	<4
294	1 bromo 2 chloroethane	<2	266	o-chlorotoluene	<3
405	1,2 dichloropropane	<2	267	m-chlorotoluene	<3
310	1,1,2 trichloroethylene	<2	268	p-chlorotoluene	<3
303	chlorodibromomethane	<2	265	total chlorotoluene	—
293	1,2 dibromoethane	<2	419	1,3,5 trimethylbenzene	<3
420	2 bromo 1 chloropropane	<2	418	1,2,4 trimethylbenzene	<3
301	bromoform	<2	415	m,p-dichlorobenzene	<4
311	tetrachloroethylene	<2	412	o-dichlorobenzene	<4
308	cis dichloroethylene	<2	432	p-diethylbenzene	<3
320	freon 113	<2	435	1,2,4,5 tetramethylbenz'	<3
292	dibromomethane	<2	---	1,2,4 trichlorobenzene	<4
307	1,1 dichloroethylene	<2	---	1,2,3 trichlorobenzene	<4
302	bromodichloromethane	<2	409	1,1,1,2 tetrachl'oethane	<2
406	2,3 dichloropropene	<2	430	1,2,2,3 tetrachl'propane	<2
407	cis dichloropropene	<2	295	s-tetrachloroethane	—
08	trans dichloropropene	<2	431	1,1,1,2 tetrachl'propane	<2
322	1,1,2 trichloroethane	<2	433	1,2,3 trichloropropane	<2

VOLUMETRIC TECHNIQUES, LTD.
317 BERNICE DRIVE
BAYPORT, NEW YORK 11705
16-472-4848

SAMPLED BY CPC
DATE:
COLLECTED 5/15/87
RECEIVED 5/15/87
COMPLETED 6/24/87
REPORTED BY

SANDER R. STERNIG
DIRECTOR OF LABORATORIES

TO:
Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE:	SAMPLE No.
Cust. # SS #1 Asphalt	87051506

PARAMETERS	RESULTS	PARAMETERS	RESULTS ppm (mg/l)*
pH		Total Dissolved Solids	
	ug/kg	Color	
Cadmium	0.08	Atmospheric Pressure	—
Chromium, Total	0.61	Viscosity: SSU	
Chromium, Hexavalent		Organic	
Copper	0.02	Layered	
Iron	190.33	BTU/GAL.	
Nickel	0.10	Flash Point, °C	
Silver	<0.01	Chloride Halogenated, %	
Zinc	1.5	Sulfur Halogenated, %	
Lead	<0.01	Cyanide	
Mercury		Ash %	
Selenium	<0.01	Specific Gravity	
Arsenic	3.06	Make-Up %	
Barium	1.02		

*Unless otherwise noted

Comments: TESTS ARE CONDUCTED IN ACCORDANCE WITH 40 CFR 261 APPENDIX II, EPA TOXICITY TEST PROCEDURE. AND SW-846 "TEST METHODS FOR EVALUATING SOLID WASTE"

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 5/15/87
RECEIVED 5/15/87
COMPLETED 6/24/87
REPORTED BY

TO Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE: Cust. Asphalt #SS #1

SAMPLE No. 87051506

PARAMETERS	RESULTS %	DETECTION LIMIT	PARAMETERS	RESULTS %	DETECTION LIMIT
Benzene	*	1	Ethyl Alcohol	*	1
Chlorobenzene	*	1	Chloroform	*	1
1,2-Dichlorobenzene	*	1			
Xylene Total	*	1			
MEK	*	1			
Ethylbenzene	*	1			
Toluene	*	1			
Isopropyl Alcohol	*	1			
Freon	*	1			
Trichloroethylene	*	1			
Tetrachloroethylene	*	1			
1,1,1-Trichloroethane	*	1			
MIBK	*	1			
Methylene Chloride	*	1			
Methyl Alcohol	*	1			

Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 5/15/87
RECEIVED 5/15/87
COMPLETED 6/24/87
REPORTED BY

TO:
Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE: Cust. Asphalt #SS #1

SAMPLE No. 87051587

PARAMETERS	RESULTS ug/kg	DETECTION LIMIT ug/kg
Methylene chloride (II)	*	1
1,1-Dichloroethylene	*	1
1,1-Dichloroethane	*	1
ans-1,2-Dichloroethylene	*	1
Chloroform (III)	*	1
1,2-Dichloroethane (Ethylene chloride)	*	1
1,1,1-Trichloroethane	*	1
Carbon tetrachloride	*	1
Bromodichloromethane	*	1
1,2-Dichloropropane	*	1
trans-1,3-Dichloropropylene	*	1
Trichloroethylene	*	1
Dibromochlormoethane 1,1,2-Trichloroethane (I) cis-1,3-Dichloropropylene	* * *	1 1 1
2-Chlorovinyl ether	*	---

PARAMETERS	RESULTS ug/kg	DETECTION LIMIT ug/kg
Bromoform	*	1
1,1,2,2-Tetrachloroethane Tetrachloroethylene (I)	*	1 1
Chlorobenzene	*	1
Dichlorodifluoromethane (Freon-12)	*	10
Chloromethane	*	1
Vinyl chloride (I) Bromomethane (II)	*	1 1
Chloroethane	*	1
Trichlorofluoromethane (III) (Freon-11)	*	1
Trichlorotrifluoroethane (Freon TF)	*	---

* Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 5/15/87
RECEIVED 5/15/87
COMPLETED 6/24/87
REPORTED BY

TO Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE: Cust. # Asphalt #SS #1

SAMPLE No. 87051506

PARAMETERS	RESULTS ug/kg	DETECTION LIMIT ug/kg	PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
Benzene	*	1			
Chlorobenzene	*	1			
1,2-Dichlorobenzene	*	1			
1,3-Dichlorobenzene	*	1			
1,4-Dichlorobenzene	*	1			
Ethylbenzene	*	1			
Toluene	*	1			
Xylene	*	1			

* Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

1598 LAKELAND AVENUE • BOHEMIA, N.Y. 11716

516-589-0404

Sample Name Asphalt #SS #1

Sample # 87051506

Date 5/15/87

PHENOLS (ACID COMPOUNDS)

COMPONENT #	COMPONENT NAME	ug/kg CONCENTRATION
1	2-Chlorophenol (o-Chlorophenol)	*
2	2-Nitrophenol	0.05
3	Phenol	*
4	2,4-Dimethylphenol	*
5	2,4-Dichlorophenol	*
6	2,4,6-Trichlorophenol	*
7	4-Chloro-3-methylphenol (p-Chloro-m-cresol) (4-Chloro-m-cresol)	*
8	2,4-Dinitrophenol	*
9	2-Methyl-4,6-dinitrophenol (4,6-Dinitro-o-cresol)	*
10	Pentachlorophenol	*
11	4-Nitrophenol	*

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 5/15/87
RECEIVED 5/15/87
COMPLETED 7/15/87
REPORTED BY

TO: Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE:	SAMPLE No.
Cust. # Asphalt SS #1	87051506

PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)	PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
Arochlor 1016	<1	1			
Arochlor 1254	<1	1			

Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

VOLUMETRIC TECHNIQUES, LTD.
317 BERNICE DRIVE
BAYPORT, NEW YORK 11705
16-472-4848

SAMPLED BY CPC
DATE:
COLLECTED 5/15/87
RECEIVED 5/15/87
COMPLETED 6/24/87
REPORTED BY

SANDER R. STERNIG
DIRECTOR OF LABORATORIES

TO:
Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE:	SAMPLE No.
Cust. # SS #2 Asphalt	87051507

PARAMETERS	RESULTS	PARAMETERS	RESULTS ppm (mg/l)*
pH		Total Dissolved Solids	
	ug/kg	Color	
Cadmium	0.15	Atmospheric Pressure	—
Chromium, Total	0.85	Viscosity: SSU	
Chromium, Hexavalent		Organic	
Copper	0.22	Layered	
Iron	593.22	BTU/GAL.	
Nickel	0.37	Flash Point, °C	
Silver	<0.01	Chloride Halogenated, %	
Zinc	7.79	Sulfur Halogenated, %	
Lead	<0.01	Cyanide	
Mercury		Ash %	
Selenium	<0.01	Specific Gravity	
Arsenic	<0.01	Make-Up %	
Barium	2.29		

nless otherwise noted

Comments: TESTS ARE CONDUCTED IN ACCORDANCE WITH 40 CFR 261 APPENDIX II, EPA TOXICITY TEST PROCEDURE. AND SW-846 "TEST METHODS FOR EVALUATING SOLID WASTE"

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 5/15/87
RECEIVED 5/15/87
COMPLETED 6/24/87
REPORTED BY

TO:
Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE: Cust. Asphalt #SS #2

SAMPLE No. 87051507

PARAMETERS	RESULTS ug/kg	DETECTION LIMIT ug/kg
Methylene chloride (II)	*	1
1,1-Dichloroethylene	*	1
1,1-Dichloroethane	*	1
ns-1,2-Dichloroethylene	*	1
Chloroform (III)	*	1
1,2-Dichloroethane (Ethylene chloride)	*	1
1,1,1-Trichloroethane	*	1
Carbon tetrachloride	*	1
Bromodichloromethane	*	1
1,2-Dichloropropane	*	1
trans-1,3-Dichloropropylene	*	1
Trichloroethylene	*	1
Dibromochlormoethane 1,1,2-Trichloroethane (I) cis-1,3-Dichloropropylene	* * *	1 1 1
2-Chlorovinyl ether	*	---

PARAMETERS	RESULTS ug/kg	DETECTION LIMIT ug/kg
Bromoform	*	1
1,1,2,2-Tetrachloroethane Tetrachloroethylene (I)	*	1 1
Chlorobenzene	*	1
Dichlorodifluoromethane (Freon-12)	*	10
Chloromethane	*	1
Vinyl chloride (I) Bromomethane (II)	*	1 1
Chloroethane	*	1
Trichlorofluoromethane (III) (Freon-11)	*	1
Trichlorotrifluoroethane (Freon TF)	*	---

Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 5/15/87
RECEIVED 5/15/87
COMPLETED 6/24/87
REPORTED BY

TO: Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE: Asphalt #SS #2

SAMPLE No. 87051507

PARAMETERS	RESULTS %	DETECTION LIMIT	PARAMETERS	RESULTS %	DETECTION LIMIT
Benzene	*	1	Ethyl Alcohol	*	1
Chlorobenzene	*	1	Chloroform	*	1
1,2-Dichlorobenzene	*	1			
Xylene Total	*	1			
MEK	*	1			
Ethylbenzene	*	1			
Toluene	*	1			
Isopropyl Alcohol	*	1			
Freon	*	1			
Trichloroethylene	*	1			
Tetrachloroethylene	*	1			
1,1,1-Trichloroethane	*	1			
MIBK	*	1			
Methylene Chloride	*	1			
Methyl Alcohol	*	1			

Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 5/15/87
RECEIVED 5/15/87
COMPLETED 6/24/87
REPORTED BY

TO Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE: Cust. # Asphalt #SS #2

SAMPLE No. 87051507

PARAMETERS	RESULTS ug/kg	DETECTION LIMIT ug/kg	PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
Benzene	*	1			
Chlorobenzene	*	1			
1,2-Dichlorobenzene	*	1			
1,3-Dichlorobenzene	*	1			
1,4-Dichlorobenzene	*	1			
Ethylbenzene	*	1			
Toluene	*	1			
Xylene	*	1			

* Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

1598 LAKELAND AVENUE • BOHEMIA, N.Y. 11716

516-589-0404

Sample Name Asphalt #SS #2

Sample # 87051507

Date 5/15/87

PHENOLS (ACID COMPOUNDS)

COMPONENT #	COMPONENT NAME	ug/kg CONCENTRATION
1	2-Chlorophenol (o-Chlorophenol)	*
2	2-Nitrophenol	0.7
3	Phenol	*
4	2,4-Dimethylphenol	30
5	2,4-Dichlorophenol	50
6	2,4,6-Trichlorophenol	25
7	4-Chloro-3-methylphenol (p-Chloro-m-cresol) (4-Chloro-m-cresol)	*
8	2,4-Dinitrophenol	0.2
9	2-Methyl-4,6-dinitrophenol (4,6-Dinitro-o-cresol)	*
10	Pentachlorophenol	*
11	4-Nitrophenol	*
	2 Methylphenol	5.0
	3 Nitrophenol	0.12

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 5/15/87
RECEIVED 5/15/87
COMPLETED 7/15/87
REPORTED BY

TO: Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE: Cust. # SS #2 Asphalt

SAMPLE No. 87051507

PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)	PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
Arochlor 1016	<1	1			
Arochlor 1254	<1	1			

Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

VOLUMETRIC TECHNIQUES, LTD.
317 BERNICE DRIVE
BAYPORT, NEW YORK 11705
16-472-4848

SAMPLED BY CPC
DATE:
COLLECTED 6/23/87
RECEIVED 6/23/87
COMPLETED 7/09/87
REPORTED BY

SANDER R. STERNIG
DIRECTOR OF LABORATORIES

TO:
Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE:	SAMPLE No.
Cust. # SS #2 Asphalt	87062335

PARAMETERS	RESULTS	PARAMETERS	RESULTS ppm (mg/l)*
pH		Total Dissolved Solids	
	ug/kg	Color	
Cadmium	<0.01	Atmospheric Pressure	—
Chromium, Total	0.04	Viscosity: SSU	
Chromium, Hexavalent	0.01	Organic	
Copper	<0.01	Layered	
Iron	10.73	BTU/GAL.	
Nickel	0.05	Flash Point, °C	
Silver	<0.01	Chloride Halogenated, %	
Zinc	0.26	Sulfur Halogenated, %	
Lead	0.5	Cyanide	
Mercury	<0.001	Ash %	
Selenium	<0.01	Specific Gravity	
Arsenic	<0.01	Make-Up %	
Barium	<0.01		

*nless otherwise noted

Comments: TESTS ARE CONDUCTED IN ACCORDANCE WITH 40 CFR 261 APPENDIX II, EPA TOXICITY TEST PROCEDURE. AND SW-846 "TEST METHODS FOR EVALUATING SOLID WASTE"

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 6/23/87
RECEIVED 6/23/87
COMPLETED 7/15/87
REPORTED BY

TO: Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE:
Cust. # Asphalt SS #2

SAMPLE No.
87062335

PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)	PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
Arochlor 1016	<1	1			
Arochlor 1254	<1	1			

Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 6/23/87
RECEIVED 6/23/87
COMPLETED 7/09/87
REPORTED BY

TO:
Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE: Cust. #SS #2 Asphalt

SAMPLE No. 87062335

PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
Methylene chloride (II)	*	1
1,1-Dichloroethylene	*	1
1,1-Dichloroethane	*	1
ıns-1,2-Dichloroethylene	*	1
Chloroform (III)	*	1
1,2-Dichloroethane (Ethylene chloride)	*	1
1,1,1-Trichloroethane	*	1
Carbon tetrachloride	*	1
Bromodichloromethane	*	1
1,2-Dichloropropane	*	1
trans-1,3-Dichloropropylene	*	1
Trichloroethylene	*	1
Dibromochlormoethane 1,1,2-Trichloroethane (I) cis-1,3-Dichloropropylene	* * *	1 1 1
2-Chlorovinyl ether	*	---

PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
Bromoform	*	1
1,1,2,2-Tetrachloroethane Tetrachloroethylene (I)	*	1 1
Chlorobenzene	*	1
Dichlorodifluoromethane (Freon-12)	*	10
Chloromethane	*	1
Vinyl chloride (I) Bromomethane (II)	*	1 1
Chloroethane	*	1
Trichlorofluoromethane (III) (Freon-11)	*	1
Trichlorotrifluoroethane (Freon TF)	*	---

Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 6/23/87
RECEIVED 6/23/87
COMPLETED 7/09/87
REPORTED BY

TO Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE: Asphalt #SS #2

SAMPLE No. 87062335

PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)	PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
Benzene	*	1			
Chlorobenzene	*	1			
1,2-Dichlorobenzene	*	1			
1,3-Dichlorobenzene	*	1			
1,4-Dichlorobenzene	*	1			
Ethylbenzene	*	1			
Toluene	*	1			
Xylene	*	1			

* Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 6/23/87
RECEIVED 6/23/87
COMPLETED 7/09/87
REPORTED BY

TO: Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE:	SAMPLE No.
Cust. #SS #2 Asphalt	87062335

PARAMETERS	RESULTS %	DETECTION LIMIT	PARAMETERS	RESULTS %	DETECTION LIMIT
Benzene	*	1	Ethyl Alcohol	*	1
Chlorobenzene	*	1	Chloroform	*	1
1,2-Dichlorobenzene	*	1			
lene Total	*	1			
MEK	*	1			
Ethylbenzene	*	1			
Toluene	*	1			
Isopropyl Alcohol	*	1			
Freon	*	1			
Trichloroethylene	*	1			
Tetrachloroethylene	*	1			
1,1,1-Trichloroethane	*	1			
MIBK	*	1			
Methylene Chloride	*	1			
Methyl Alcohol	*	1			

.ess than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

VOLUMETRIC TECHNIQUES, LTD.
317 BERNICE DRIVE
BAYPORT, NEW YORK 11705
16-472-4848

SAMPLED BY CPC
DATE:
COLLECTED 5/15/87
RECEIVED 5/15/87
COMPLETED 6/24/87
REPORTED BY

SANDER R. STERNIG
DIRECTOR OF LABORATORIES

TO: Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE:	SAMPLE No.
Cust. # SS #3	87051508

PARAMETERS	RESULTS	PARAMETERS	RESULTS ppm (mg/l)*
pH		Total Dissolved Solids	
	ppm (mg/l)*	Color	
Cadmium	0.10	Atmospheric Pressure	—
omium, Total	<0.01	Viscosity: SSU	
Chromium, Hexavalent	<0.01	Organic	
Copper	2.05	Layered	
Iron	219.73	BTU/GAL.	
Nickel	0.40	Flash Point, °C	
Silver	<0.01	Chloride Halogenated, %	
Zinc	1.20	Sulfur Halogenated, %	
Lead	<0.01	Cyanide	
Mercury		Ash %	
Selenium	<0.01	Specific Gravity	
Arsenic	<0.01	Make-Up %	
Barium	0.73		

nless otherwise noted

Comments: TESTS ARE CONDUCTED IN ACCORDANCE WITH 40 CFR 261 APPENDIX II, EPA TOXICITY TEST PROCEDURE. AND SW-846 "TEST METHODS FOR EVALUATING SOLID WASTE"

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 5/15/87
RECEIVED 5/15/87
COMPLETED 6/24/87
REPORTED BY

TO:
Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE: Cust. Asphalt #SS #3

SAMPLE No. 87051508

PARAMETERS	RESULTS ug/kg	DETECTION LIMIT ug/kg
Methylene chloride (II)	*	1
1,1-Dichloroethylene	*	1
1,1-Dichloroethane	*	1
ans-1,2-Dichloroethylene	*	1
Chloroform (III)	*	1
1,2-Dichloroethane (Ethylene chloride)	*	1
1,1,1-Trichloroethane	*	1
Carbon tetrachloride	*	1
Bromodichloromethane	*	1
1,2-Dichloropropane	*	1
trans-1,3-Dichloropropylene	*	1
Trichloroethylene	*	1
Dibromochlormoethane 1,1,2-Trichloroethane (I) cis-1,3-Dichloropropylene	* * *	1 1 1
2-Chlorovinyl ether	*	---

PARAMETERS	RESULTS ug/kg	DETECTION LIMIT ug/kg
Bromoform	*	1
1,1,2,2-Tetrachloroethane Tetrachloroethylene (I)	*	1 1
Chlorobenzene	*	1
Dichlorodifluoromethane (Freon-12)	*	10
Chloromethane	*	1
Vinyl chloride (I) Bromomethane (II)	*	1 1
Chloroethane	*	1
Trichlorofluoromethane (III) (Freon-11)	*	1
Trichlorotrifluoroethane (Freon TF)	*	---

Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 5/15/87
RECEIVED 5/15/87
COMPLETED 6/24/87
REPORTED BY

TO Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE: Cust. # Asphalt #SS #3

SAMPLE No. 87051508

PARAMETERS	RESULTS ug/kg	DETECTION LIMIT ug/kg	PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
Benzene	*	1			
Chlorobenzene	*	1			
1,2-Dichlorobenzene	*	1			
1,3-Dichlorobenzene	*	1			
1,4-Dichlorobenzene	*	1			
Ethylbenzene	*	1			
Toluene	*	1			
Xylene	*	1			

* Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

1598 LAKELAND AVENUE • BOHEMIA, N.Y. 11716

516-589-0404

Sample Name Asphalt #SS #4

Sample # #05158710

Date 5/15/87

PHENOLS (ACID COMPOUNDS)

COMPONENT #	COMPONENT NAME	ug/kg CONCENTRATION
1	2-Chlorophenol (o-Chlorophenol)	*
2	2-Nitrophenol	*
3	Phenol	*
4	2,4-Dimethylphenol	*
5	2,4-Dichlorophenol	*
6	2,4,6-Trichlorophenol	*
7	4-Chloro-3-methylphenol (p-Chloro-m-cresol) (4-Chloro-m-cresol)	*
8	2,4-Dinitrophenol	*
9	2-Methyl-4,6-dinitrophenol (4,6-Dinitro-o-cresol)	*
10	Pentachlorophenol	*
11	4-Nitrophenol	*
	3 Nitrophenol	0.01

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 5/15/87
RECEIVED 5/15/87
COMPLETED 6/24/87
REPORTED BY

TO Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE: Cust. # Asphalt #SS #4

SAMPLE No. #05158710

PARAMETERS	RESULTS ug/kg	DETECTION LIMIT ug/kg	PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
Benzene	*	1			
Chlorobenzene	*	1			
1,2-Dichlorobenzene	*	1			
1,3-Dichlorobenzene	*	1			
1,4-Dichlorobenzene	*	1			
Ethylbenzene	*	1			
Toluene	*	1			
Xylene	*	1			

* Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 5/15/87
RECEIVED 5/15/87
COMPLETED 6/24/87
REPORTED BY

TO:
Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE: Cust. Asphalt #SS #4

SAMPLE No. #05158720

PARAMETERS	RESULTS ug/kg	DETECTION LIMIT ug/kg
Methylene chloride (II)	*	1
1,1-Dichloroethylene	*	1
1,1-Dichloroethane	*	1
ns-1,2-Dichloroethylene	*	1
Chloroform (III)	*	1
1,2-Dichloroethane (Ethylene chloride)	*	1
1,1,1-Trichloroethane	*	1
Carbon tetrachloride	*	1
Bromodichloromethane	*	1
1,2-Dichloropropane	*	1
trans-1,3-Dichloropropylene	*	1
Trichloroethylene	*	1
Dibromochlormoethane 1,1,2-Trichloroethane (I) cis-1,3-Dichloropropylene	* * *	1 1 1
2-Chlorovinyl ether	*	---

PARAMETERS	RESULTS ug/kg	DETECTION LIMIT ug/kg
Bromoform	*	1
1,1,2,2-Tetrachloroethane Tetrachloroethylene (I)	*	1 1
Chlorobenzene	*	1
Dichlorodifluoromethane (Freon-12)	*	10
Chloromethane	*	1
Vinyl chloride (I) Bromomethane (II)	*	1 1
Chloroethane	*	1
Trichlorofluoromethane (III) (Freon-11)	*	1
Trichlorotrifluoroethane (Freon TF)	*	---

Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 5/15/87
RECEIVED 5/15/87
COMPLETED 7/15/87
REPORTED BY

TO Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE:	SAMPLE No.
Cust. # SS #3 Asphalt	87051508

PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)	PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
Arochlor 1016	<1	1			
Arochlor 1254	<1	1			

Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

VOLUMETRIC TECHNIQUES, LTD.
317 BERNICE DRIVE
BAYPORT, NEW YORK 11705
516-472-4848

SAMPLED BY CPC
DATE:
COLLECTED 5/15/87
RECEIVED 5/15/87
COMPLETED 6/24/87
REPORTED BY

SANDER R. STERNIG
DIRECTOR OF LABORATORIES

TO:
Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE:	SAMPLE No.
Cust. # SS #4	87051509

PARAMETERS	RESULTS	PARAMETERS	RESULTS ppm (mg/l)*
pH		Total Dissolved Solids	
	ppm (mg/l)*	Color	
Cadmium	0.05	Atmospheric Pressure	—
.romium, Total	<0.01	Viscosity: SSU	
Chromium, Hexavalent	<0.01	Organic	
Copper	<0.01	Layered	
Iron	16.31	BTU/GAL.	
Nickel	<0.01	Flash Point, °C	
Silver	<0.01	Chloride Halogenated, %	
Zinc	0.60	Sulfur Halogenated, %	
Lead	<0.01	Cyanide	
Mercury		Ash %	
Selenium	<0.01	Specific Gravity	
Arsenic	<0.01	Make-Up %	
Barium	0.73		

ıless otherwise noted

Comments: TESTS ARE CONDUCTED IN ACCORDANCE WITH 40 CFR 261 APPENDIX II, EPA TOXICITY TEST PROCEDURE. AND SW-846 "TEST METHODS FOR EVALUATING SOLID WASTE"

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

1598 LAKELAND AVENUE • BOHEMIA, N.Y. 11716

516-589-0404

Sample Name Asphalt #SS #3

Sample # 87051587

Date 5/15/87

PHENOLS (ACID COMPOUNDS)

COMPONENT #	COMPONENT NAME	ug/kg CONCENTRATION
1	2-Chlorophenol (o-Chlorophenol)	*
2	2-Nitrophenol	*
3	Phenol	*
4	2,4-Dimethylphenol	*
5	2,4-Dichlorophenol	*
6	2,4,6-Trichlorophenol	*
7	4-Chloro-3-methylphenol (p-Chloro-m-cresol) (4-Chloro-m-cresol)	*
8	2,4-Dinitrophenol	*
9	2-Methyl-4,6-dinitrophenol (4,6-Dinitro-o-cresol)	*
10	Pentachlorophenol	*
11	4-Nitrophenol	*
	3, Nitrophenol	0.02

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 5/15/87
RECEIVED 5/15/87
COMPLETED 6/24/87
REPORTED BY

TO: Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE: Asphalt #SS #4

SAMPLE No. 87051509

PARAMETERS	RESULTS %	DETECTION LIMIT	PARAMETERS	RESULTS %	DETECTION LIMIT
Benzene	*	1	Ethyl Alcohol	*	1
Chlorobenzene	*	1	Chloroform	*	1
1,2-Dichlorobenzene	*	1			
Xylene Total	*	1			
MEK	*	1			
Ethylbenzene	*	1			
Toluene	*	1			
Isopropyl Alcohol	*	1			
Freon	*	1			
Trichloroethylene	*	1			
Tetrachloroethylene	*	1			
1,1,1-Trichloroethane	*	1			
MIBK	*	1			
Methylene Chloride	*	1			
Methyl Alcohol	*	1			

Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 5/15/87
RECEIVED 5/15/87
COMPLETED 6/24/87
REPORTED BY

TO: Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE:	SAMPLE No.
Cust. Asphalt #SS #3	87051508

PARAMETERS	RESULTS %	DETECTION LIMIT	PARAMETERS	RESULTS %	DETECTION LIMIT
Benzene	*	1	Ethyl Alcohol	*	1
Chlorobenzene	*	1	Chloroform	*	1
1,2-Dichlorobenzene	*	1			
Xylene Total	*	1			
MEK	*	1			
Ethylbenzene	*	1			
Toluene	*	1			
Isopropyl Alcohol	*	1			
Freon	*	1			
Trichloroethylene	*	1			
Tetrachloroethylene	*	1			
1,1,1-Trichloroethane	*	1			
MIBK	*	1			
Methylene Chloride	*	1			
Methyl Alcohol	*	1			

* Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 5/15/87
RECEIVED 5/15/87
COMPLETED 7/15/87
REPORTED BY

TO: Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE: Cust. # SS #4 Asphalt

SAMPLE No. 87051509

PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)	PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
Arochlor 1016	<1	1			
Arochlor 1254	<1	1			

*Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

VOLUMETRIC TECHNIQUES, LTD.
317 BERNICE DRIVE
BAYPORT, NEW YORK 11705
516-472-4848

SAMPLED BY CPC
DATE:
COLLECTED 5/15/87
RECEIVED 5/15/87
COMPLETED 6/24/87
REPORTED BY

SANDER R. STERNIG
DIRECTOR OF LABORATORIES

TO:
Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE:	SAMPLE No.
Cust. # SS #5	87051510

PARAMETERS	RESULTS	PARAMETERS	RESULTS ppm (mg/l)*
pH		Total Dissolved Solids	
	ppm (mg/l)*	Color	
Cadmium	0.13	Atmospheric Pressure	—
Chromium, Total	<0.01	Viscosity: SSU	
Chromium, Hexavalent	<0.01	Organic	
Copper	0.07	Layered	
Iron	291.20	BTU/GAL.	
Nickel	0.18	Flash Point, °C	
Silver	<0.01	Chloride Halogenated, %	
Zinc	0.43	Sulfur Halogenated, %	
Lead	<0.01	Cyanide	
Mercury	[illegible]	Ash %	
Selenium	<0.01	Specific Gravity	
Arsenic	<0.01	Make-Up %	
Barium	0.89		

*Unless otherwise noted

Comments: TESTS ARE CONDUCTED IN ACCORDANCE WITH 40 CFR 261 APPENDIX II, EPA TOXICITY TEST PROCEDURE. AND SW-846 "TEST METHODS FOR EVALUATING SOLID WASTE"

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 5/15/87
RECEIVED 5/15/87
COMPLETED 6/24/87
REPORTED BY

TO:
Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE: Cust. Asphalt #SS #5

SAMPLE No. #05158711

PARAMETERS	RESULTS ug/kg	DETECTION LIMIT ug/kg	PARAMETERS	RESULTS ug/kg	DETECTION LIMIT ug/kg
Methylene chloride (II)	*	1	Bromoform	*	1
1,1-Dichloroethylene	*	1	1,1,2,2-Tetrachloroethane Tetrachloroethylene (I)	*	1 1
1,1-Dichloroethane	*	1	Chlorobenzene	*	1
ıns-1,2-Dichloroethylene	*	1	Dichlorodifluoromethane (Freon-12)	*	10
Chloroform (III)	*	1	Chloromethane	*	1
1,2-Dichloroethane (Ethylene chloride)	*	1	Vinyl chloride (I) Bromomethane (II)	*	1 1
1,1,1-Trichloroethane	*	1	Chloroethane	*	1
Carbon tetrachloride	*	1	Trichlorofluoromethane (III) (Freon-11)	*	1
Bromodichloromethane	*	1	Trichlorotrifluoroethane (Freon TF)	*	---
1,2-Dichloropropane	*	1			
trans-1,3-Dichloropropylene	*	1			
Trichloroethylene	*	1			
Dibromochlormoethane 1,1,2-Trichloroethane (I) cis-1,3-Dichloropropylene	* * *	1 1 1			
2-Chlorovinyl ether	*	---			

Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 5/15/87
RECEIVED 5/15/87
COMPLETED 6/24/87
REPORTED BY

TO Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE: Cust. # Asphalt #SS #5

SAMPLE No. #05158711

PARAMETERS	RESULTS ug/kg	DETECTION LIMIT ug/kg	PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
Benzene	*	1			
Chlorobenzene	*	1			
1,2-Dichlorobenzene	*	1			
1,3-Dichlorobenzene	*	1			
1,4-Dichlorobenzene	*	1			
Ethylbenzene	*	1			
Toluene	*	1			
Xylene	*	1			

* Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

1598 LAKELAND AVENUE • BOHEMIA, N.Y. 11716

516-589-0404

Sample Name Asphalt #SS #5

Sample # 87051510

Date 5/15/87

PHENOLS (ACID COMPOUNDS)

COMPONENT #	COMPONENT NAME	ug/kg CONCENTRATION
1	2-Chlorophenol (o-Chlorophenol)	*
2	2-Nitrophenol	*
3	Phenol	*
4	2,4-Dimethylphenol	*
5	2,4-Dichlorophenol	*
6	2,4,6-Trichlorophenol	*
7	4-Chloro-3-methylphenol (p-Chloro-m-cresol) (4-Chloro-m-cresol)	*
8	2,4-Dinitrophenol	*
9	2-Methyl-4,6-dinitrophenol (4,6-Dinitro-o-cresol)	*
10	Pentachlorophenol	*
11	4-Nitrophenol	*
	3, Nitrophenol	0.03

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 5/15/87
RECEIVED 5/15/87
COMPLETED 6/24/87
REPORTED BY

TO: Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE: Cust. Asphalt #SS #5

SAMPLE No. 87051510

PARAMETERS	RESULTS %	DETECTION LIMIT	PARAMETERS	RESULTS %	DETECTION LIMIT
Benzene	*	1	Ethyl Alcohol	*	1
Chlorobenzene	*	1	Chloroform	*	1
1,2-Dichlorobenzene	*	1			
Xylene Total	*	1			
MEK	*	1			
Ethylbenzene	*	1			
Toluene	*	1			
Isopropyl Alcohol	*	1			
Freon	*	1			
Trichloroethylene	*	1			
Tetrachloroethylene	*	1			
1,1,1-Trichloroethane	*	1			
MIBK	*	1			
Methylene Chloride	*	1			
Methyl Alcohol	*	1			

* Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 5/15/87
RECEIVED 5/15/87
COMPLETED 7/15/87
REPORTED BY

TO: Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE: Cust. # SS #5 Asphalt

SAMPLE No. 87051510

PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)	PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
Arochlor 1016	<1	1			
Arochlor 1254	<1	1			

Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

VOLUMETRIC TECHNIQUES, LTD.
317 BERNICE DRIVE
BAYPORT, NEW YORK 11705
16-472-4848

SAMPLED BY CPC
DATE:
COLLECTED 5/21/87
RECEIVED 5/21/87
COMPLETED 6/25/87
REPORTED BY

SANDER R. STERNIG
DIRECTOR OF LABORATORIES

TO:
Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE:	SAMPLE No.
Cust. # MW #3 Puck Shaving (Wood)	87052114

PARAMETERS	RESULTS	PARAMETERS	RESULTS ppm (mg/l)*
pH		Total Dissolved Solids	
	ug/kg	Color	
Cadmium	0.91	Atmospheric Pressure	
.romium, Total	9.87	Viscosity: SSU	
Chromium, Hexavalent		Organic	
Copper	29.17	Layered	
Iron	133.87	BTU/GAL.	
Nickel	11.94	Flash Point, °C	
Silver	1.23	Chloride Halogenated, %	
Zinc	37.39	Sulfur Halogenated, %	
Lead	<0.5	Cyanide	
Mercury	<0.001	Ash %	
Selenium	<0.01	Specific Gravity	
Arsenic	<0.01	Make-Up %	
Barium	5.32		

*nless otherwise noted

Comments: TESTS ARE CONDUCTED IN ACCORDANCE WITH 40 CFR 261 APPENDIX II, EPA TOXICITY TEST PROCEDURE. AND SW-846 "TEST METHODS FOR EVALUATING SOLID WASTE"

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 5/21/87
RECEIVED 5/21/87
COMPLETED 6/25/87
REPORTED BY

TO: Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE: Cust. # MW #3 Puck Shaving (Wood)

SAMPLE No. 87052114

PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)	PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
Arochlor 1016	<1	1			
Arochlor 1254	<1	1			
Mixed Arochlor	<1	1			

Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 5/21/87
RECEIVED 5/21/87
COMPLETED 6/25/87
REPORTED BY

TO: Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE: Cust. # MW #4 Puck Shaving

SAMPLE No. 87052115

PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)	PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
Arochlor 1016	<1	1			
Arochlor 1254	<1	1			
Mixed Arochlor	<1	1			

' Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

VOLUMETRIC TECHNIQUES, LTD.
317 BERNICE DRIVE
'AYPORT, NEW YORK 11705
6-472-4848

SAMPLED BY CPC
DATE:
COLLECTED 5/21/87
RECEIVED 5/21/87
COMPLETED 6/25/87
REPORTED BY

SANDER R. STERNIG
DIRECTOR OF LABORATORIES

TO:
Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE:	SAMPLE No.
Cust. # MW #4 Puck Shaving	87052115

PARAMETERS	RESULTS	PARAMETERS	RESULTS ppm (mg/l)*
pH		Total Dissolved Solids	
	ug/kg	Color	
Cadmium	<0.01	Atmospheric Pressure	
.romium, Total	<0.01	Viscosity: SSU	
Chromium, Hexavalent	<0.01	Organic	
Copper	2.32	Layered	
Iron	18.49	BTU/GAL.	
Nickel	<0.01	Flash Point, °C	
Silver	<0.01	Chloride Halogenated, %	
Zinc	20.95	Sulfur Halogenated, %	
Lead	<0.5	Cyanide	
Mercury	<0.001	Ash %	
Selenium	<0.01	Specific Gravity	
Arsenic	<0.01	Make-Up %	
Barium	4.47		

ıless otherwise noted

Comments: TESTS ARE CONDUCTED IN ACCORDANCE WITH 40 CFR 261 APPENDIX II, EPA TOXICITY TEST PROCEDURE. AND SW-846 "TEST METHODS FOR EVALUATING SOLID WASTE"

VOLUMETRIC TECHNIQUES, LTD.
317 BERNICE DRIVE
BAYPORT, NEW YORK 11705
516-472-4848

SAMPLED BY CPC
DATE:
COLLECTED 6/23/87
RECEIVED 6/23/87
COMPLETED 6/25/87
REPORTED BY

SANDER R. STERNIG
DIRECTOR OF LABORATORIES

TO: Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE:	SAMPLE No.
Cust. # MW #1 2-4'	87062334

PARAMETERS	RESULTS	PARAMETERS	RESULTS ppm (mg/l)*
pH		Total Dissolved Solids	
	ug/kg	Color	
Cadmium	<0.01	Atmospheric Pressure	
Chromium, Total	0.08	Viscosity: SSU	
Chromium, Hexavalent	0.01	Organic	
Copper	0.16	Layered	
Iron	6.54	BTU/GAL.	
Nickel	<0.01	Flash Point, °C	
Silver	<0.01	Chloride Halogenated, %	
Zinc	0.16	Sulfur Halogenated, %	
Lead	<0.5	Cyanide	
Mercury	<0.001	Ash %	
Selenium	<0.01	Specific Gravity	
Arsenic	<0.01	Make-Up %	
Barium	<0.01		

*Unless otherwise noted

Comments: TESTS ARE CONDUCTED IN ACCORDANCE WITH 40 CFR 261 APPENDIX II, EPA TOXICITY TEST PROCEDURE. AND SW-846 "TEST METHODS FOR EVALUATING SOLID WASTE"

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 6/23/87
RECEIVED 6/23/87
COMPLETED 7/14/87
REPORTED BY

TO: Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE:	SAMPLE No.
Cust. # MW #1 2 - 4'	87062334

PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)	PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
Arochlor 1016	<1	1			
Arochlor 1254	<1	1			

Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 6/23/87
RECEIVED 6/23/87
COMPLETED 6/25/87
REPORTED BY

TO:
Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE: Cust. #MW #1 2 - 4'

SAMPLE No. 87062334

PARAMETERS	RESULTS ug/kg	DETECTION LIMIT ug/kg
Methylene chloride (II)		1
1,1-Dichloroethylene		1
1,1-Dichloroethane		1
ans-1,2-Dichloroethylene		1
Chloroform (III)		1
1,2-Dichloroethane (Ethylene chloride)		1
1,1,1-Trichloroethane		1
Carbon tetrachloride		1
Bromodichloromethane		1
1,2-Dichloropropane		1
trans-1,3-Dichloropropylene		1
Trichloroethylene		1
Dibromochlormoethane 1,1,2-Trichloroethane (I) cis-1,3-Dichloropropylene		1 1 1
2-Chlorovinyl ether		---

PARAMETERS	RESULTS ug/kg	DETECTION LIMIT ug/kg
Bromoform		1
1,1,2,2-Tetrachloroethane Tetrachloroethylene (I)		1 1
Chlorobenzene		1
Dichlorodifluoromethane (Freon-12)		10
Chloromethane		1
Vinyl chloride (I) Bromomethane (II)		1 1
Chloroethane		1
Trichlorofluoromethane (III) (Freon-11)		1
Trichlorotrifluoroethane (Freon TF)		---

' Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 6/23/87
RECEIVED 6/23/87
COMPLETED 6/25/87
REPORTED BY

TO Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE: Cust. # MW #1 2 - 4'

SAMPLE No. 87062334

PARAMETERS	RESULTS ug/kg	DETECTION LIMIT ug/kg	PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
Benzene		1			
Chlorobenzene		1			
1,2-Dichlorobenzene		1			
1,3-Dichlorobenzene		1			
1,4-Dichlorobenzene		1			
Ethylbenzene		1			
Toluene		1			
Xylene		1			

• Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 6/23/87
RECEIVED 6/23/87
COMPLETED 6/25/87
REPORTED BY

TO: Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE: Cust. #MW #1 2 - 4'

SAMPLE No. 87062334

PARAMETERS	RESULTS %	DETECTION LIMIT	PARAMETERS	RESULTS %	DETECTION LIMIT
Benzene			Ethyl Alcohol		
Chlorobenzene			Chloroform		
1,2-Dichlorobenzene					
Xylene Total					
MEK					
Ethylbenzene					
Toluene					
Isopropyl Alcohol					
Freon					
Trichloroethylene					
Tetrachloroethylene					
1,1,1-Trichloroethane					
MIBK					
Methylene Chloride					
Methyl Alcohol					

Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 5/08/87
RECEIVED 5/08/87
COMPLETED 7/15/87
REPORTED BY

TO Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE: Cust. # MW #1 6 - 8'

SAMPLE No. 87050818

PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)	PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
Arochlor 1016	<1	1			
Arochlor 1254	<1	1			
Mixed Arochlor	<1	1			

Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

VOLUMETRIC TECHNIQUES, LTD.
317 BERNICE DRIVE
BAYPORT, NEW YORK 11705
16-472-4848

SAMPLED BY CPC
DATE:
COLLECTED 6/23/87
RECEIVED 6/23/87
COMPLETED 6/25/87
REPORTED BY

SANDER R. STERNIG
DIRECTOR OF LABORATORIES

TO:
Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE:	SAMPLE No.
Cust. # MW #2 2-4'	87062333

PARAMETERS	RESULTS	PARAMETERS	RESULTS ppm (mg/l)*
pH		Total Dissolved Solids	
	ug/kg	Color	
Cadmium	<0.01	Atmospheric Pressure	
.romium, Total	0.11	Viscosity: SSU	
Chromium, Hexavalent		Organic	
Copper	0.05	Layered	
Iron	11.12	BTU/GAL.	
Nickel	0.18	Flash Point, °C	
Silver	<0.01	Chloride Halogenated, %	
Zinc	1.55	Sulfur Halogenated, %	
Lead	<0.5	Cyanide	
Mercury	<0.001	Ash %	
Selenium	<0.01	Specific Gravity	
Arsenic	<0.01	Make-Up %	
Barium	<0.01		

nless otherwise noted

Comments: TESTS ARE CONDUCTED IN ACCORDANCE WITH 40 CFR 261 APPENDIX II, EPA TOXICITY TEST PROCEDURE. AND SW-846 "TEST METHODS FOR EVALUATING SOLID WASTE"

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 6/23/87
RECEIVED 6/23/87
COMPLETED 7/15/87
REPORTED BY

TO: Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE:	SAMPLE No.
Cust. # MW #2 2-4'	87062333

PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)	PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
Arochlor 1016	<1	1			
Arochlor 1254	<1	1			

- Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

VOLUMETRIC TECHNIQUES, LTD.
317 BERNICE DRIVE
HAYPORT, NEW YORK 11705
516-472-4848

SAMPLED BY CPC
DATE:
COLLECTED 5/08/87
RECEIVED 5/08/87
COMPLETED 6/24/87
REPORTED BY

SANDER R. STERNIG
DIRECTOR OF LABORATORIES

TO: Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE:	SAMPLE No.
Cust. # MW #2 10 - 12'	87050817

PARAMETERS	RESULTS	PARAMETERS	RESULTS ppm (mg/l)*
pH		Total Dissolved Solids	
	ug/kg	Color	
Cadmium	1.28	Atmospheric Pressure	—
Chromium, Total	11.91	Viscosity: SSU	
Chromium, Hexavalent		Organic	
Copper	0.19	Layered	
Iron	5.14	BTU/GAL.	
Nickel	<0.01	Flash Point, °C	
Silver	<0.01	Chloride Halogenated, %	
Zinc	2.83	Sulfur Halogenated, %	
Lead	0.25	Cyanide	
Mercury	<0.001	Ash %	
Selenium	<0.01	Specific Gravity	
Arsenic	<0.01	Make-Up %	
Barium	0.44		

*Unless otherwise noted

Comments: TESTS ARE CONDUCTED IN ACCORDANCE WITH 40 CFR 261 APPENDIX II, EPA TOXICITY TEST PROCEDURE. AND SW-846 "TEST METHODS FOR EVALUATING SOLID WASTE"

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 5/08/87
RECEIVED 5/08/87
COMPLETED 6/24/87
REPORTED BY

TO:
Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE: Cust. #MW #2 10 - 12'

SAMPLE No. 87050817

PARAMETERS	RESULTS ug/kg	DETECTION LIMIT ug/kg
Methylene chloride (II)	*	1
1,1-Dichloroethylene	*	1
1,1-Dichloroethane	*	1
s-1,2-Dichloroethylene	*	1
Chloroform (III)	*	1
1,2-Dichloroethane (Ethylene chloride)	*	1
1,1,1-Trichloroethane	*	1
Carbon tetrachloride	*	1
Bromodichloromethane	*	1
1,2-Dichloropropane	*	1
trans-1,3-Dichloropropylene	*	1
Trichloroethylene	*	1
Dibromochlormoethane 1,1,2-Trichloroethane (I) cis-1,3-Dichloropropylene	* * *	1 1 1
2-Chlorovinyl ether	*	---

PARAMETERS	RESULTS ug/kg	DETECTION LIMIT ug/kg
Bromoform	*	1
1,1,2,2-Tetrachloroethane Tetrachloroethylene (I)	*	1 1
Chlorobenzene	*	1
Dichlorodifluoromethane (Freon-12)	*	10
Chloromethane	*	1
Vinyl chloride (I) Bromomethane (II)	*	1 1
Chloroethane	*	1
Trichlorofluoromethane (III) (Freon-11)	*	1
Trichlorotrifluoroethane (Freon TF)	*	---

Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 5/08/87
RECEIVED 5/08/87
COMPLETED 6/24/87
REPORTED BY

TO Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE:	SAMPLE No.
Cust. #MW #2 10 - 12'	87050817

PARAMETERS	RESULTS ug/kg	DETECTION LIMIT ug/kg	PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
Benzene	*	1			
Chlorobenzene	*	1			
1,2-Dichlorobenzene	*	1			
1,3-Dichlorobenzene	*	1			
1,4-Dichlorobenzene	*	1			
Ethylbenzene	*	1			
Toluene	*	1			
Xylene	*	1			

* Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 5/08/87
RECEIVED 5/08/87
COMPLETED 6/24/87
REPORTED BY

TO: Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE: Cust. #MW #2 10 - 12'

SAMPLE No. 87050817

PARAMETERS	RESULTS %	DETECTION LIMIT	PARAMETERS	RESULTS %	DETECTION LIMIT
Benzene	*	1	Ethyl Alcohol	*	1
Chlorobenzene	*	1	Chloroform	*	1
1,2-Dichlorobenzene	*	1			
Xylene Total	*	1			
MEK	*	1			
Ethylbenzene	*	1			
Toluene	*	1			
Isopropyl Alcohol	*	1			
Freon	*	1			
Trichloroethylene	*	1			
Tetrachloroethylene	*	1			
1,1,1-Trichloroethane	*	1			
MIBK	*	1			
Methylene Chloride	*	1			
Methyl Alcohol	*	1			

Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 5/08/87
RECEIVED 5/08/87
COMPLETED 7/15/87
REPORTED BY

TO: Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE: Cust. # MW #2 10 - 12'

SAMPLE No. 87050817

PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)	PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
Arochlor 1016	<1	1			
Arochlor 1254	<1	1			
Mixed Arochlor	<1	1			

Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

VOLUMETRIC TECHNIQUES, LTD.
317 BERNICE DRIVE
BAYPORT, NEW YORK 11705
516-472-4848

SAMPLED BY CPC
DATE:
COLLECTED 5/21/87
RECEIVED 5/21/87
COMPLETED 6/25/87
REPORTED BY

SANDER R. STERNIG
DIRECTOR OF LABORATORIES

TO:
Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE:	SAMPLE No.
Cust. # MW #3 12-14'	87052112

PARAMETERS	RESULTS	PARAMETERS	RESULTS ppm (mg/l)*
pH		Total Dissolved Solids	
	ug/kg	Color	
Cadmium	<0.01	Atmospheric Pressure	
Chromium, Total	<0.01	Viscosity: SSU	
Chromium, Hexavalent	<0.01	Organic	
Copper	<0.01	Layered	
Iron	7.18	BTU/GAL.	
Nickel	<0.01	Flash Point, °C	
Silver	<0.01	Chloride Halogenated, %	
Zinc	<0.01	Sulfur Halogenated, %	
Lead	<0.5	Cyanide	
Mercury	<0.001	Ash %	
Selenium	<0.01	Specific Gravity	
Arsenic	<0.01	Make-Up %	
Barium	<0.01		

*Unless otherwise noted

Comments: TESTS ARE CONDUCTED IN ACCORDANCE WITH 40 CFR 261 APPENDIX II, EPA TOXICITY TEST PROCEDURE. AND SW-846 "TEST METHODS FOR EVALUATING SOLID WASTE"

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 5/21/87
RECEIVED 5/21/87
COMPLETED 7/09/87
REPORTED BY

TO: Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE:	SAMPLE No.
Cust. MW #3 12 - 14 Feet	87052112

PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)	PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
A-BHC	*	1			
Lindane	*	1			
B-BHC	*	1			
Heptachlor	*	1			
Aldrin	*	1			
Hep.-epoxide	*	1			
p,p'-DDE	*	1			
Dieldrin	*	1			
o,p'-DDD (TDE)	*	1			
Endrin	*	1			
o,p'-DDT	*	1			
p,p'-DDD (TDE)	*	1			
p,p'-DDT	*	1			

* Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 5/21/87
RECEIVED 5/21/87
COMPLETED 6/25/87
REPORTED BY

TO: Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE: Cust. # MW #3 12-14'

SAMPLE No. 87052112

PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)	PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
Arochlor 1016	<1	1			
Arochlor 1254	<1	1			
Mixed Arochlor	<1	1			

Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

VOLUMETRIC TECHNIQUES, LTD.
317 BERNICE DRIVE
BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
DIRECTOR OF LABORATORIES

SAMPLED BY CPC
DATE:
COLLECTED 5/21/87
RECEIVED 5/21/87
COMPLETED 6/25/87
REPORTED BY

TO:
Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE:	SAMPLE No.
Cust. # MW #4 10-12'	87052113

PARAMETERS	RESULTS	PARAMETERS	RESULTS ppm (mg/l)*
pH		Total Dissolved Solids	
	ug/kg	Color	
Cadmium	<0.01	Atmospheric Pressure	
Chromium, Total	<0.01	Viscosity: SSU	
Chromium, Hexavalent	<0.01	Organic	
Copper	<0.01	Layered	
Iron	5.02	BTU/GAL.	
Nickel	<0.01	Flash Point, °C	
Silver	<0.01	Chloride Halogenated, %	
Zinc	0.23	Sulfur Halogenated, %	
Lead	<0.5	Cyanide	
Mercury	<0.001	Ash %	
Selenium	<0.01	Specific Gravity	
Arsenic	<0.01	Make-Up %	
Barium	<0.01		

*Unless otherwise noted

Comments: TESTS ARE CONDUCTED IN ACCORDANCE WITH 40 CFR 261 APPENDIX II, EPA TOXICITY TEST PROCEDURE. AND SW-846 "TEST METHODS FOR EVALUATING SOLID WASTE"

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 5/21/87
RECEIVED 5/21/87
COMPLETED 6/25/87
REPORTED BY

TO: Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE: Cust. #MW #4 10 - 12'

SAMPLE No. 87052113

PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)	PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
A-BHC	*	1			
Lindane	*	1			
B-BHC	*	1			
Heptachlor	*	1			
Aldrin	*	1			
Hep.-epoxide	*	1			
p,p'-DDE	*	1			
Dieldrin	*	1			
o,p'-DDD (TDE)	*	1			
Endrin	*	1			
o,p'-DDT	*	1			
p,p'-DDD (TDE)	*	1			
p,p'-DDT	*	1			

* Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 5/21/87
RECEIVED 5/21/87
COMPLETED 6/25/87
REPORTED BY

TO: Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE: Cust. # MW #4 10-12'

SAMPLE No. 87052113

PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)	PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
Arochlor 1016	<1	1			
Arochlor 1254	<1	1			
Mixed Arochlor	<1	1			

Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

VOLUMETRIC TECHNIQUES, LTD.
317 BERNICE DRIVE
BAYPORT, NEW YORK 11705
16-472-4848

SAMPLED BY CPC
DATE:
COLLECTED 5/14/87
RECEIVED 5/14/87
COMPLETED 6/24/87
REPORTED BY

SANDER R. STERNIG
DIRECTOR OF LABORATORIES

TO: Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE:	SAMPLE No.
Cust. # B-1	87051428

PARAMETERS	RESULTS	PARAMETERS	RESULTS ppm (mg/l)*
pH		Total Dissolved Solids	
	ug/kg	Color	
Cadmium	0.07	Atmospheric Pressure	—
Chromium, Total	0.46	Viscosity: SSU	
Chromium, Hexavalent		Organic	
Copper	<0.01	Layered	
Iron	498.40	BTU/GAL.	
Nickel	0.09	Flash Point, °C	
Silver	<0.01	Chloride Halogenated, %	
Zinc	0.80	Sulfur Halogenated, %	
Lead	<0.01	Cyanide	
Mercury	<0.001	Ash %	
Selenium	<0.01	Specific Gravity	
Arsenic	<0.01	Make-Up %	
Barium	1.38		

*Unless otherwise noted

Comments: TESTS ARE CONDUCTED IN ACCORDANCE WITH 40 CFR 261 APPENDIX II, EPA TOXICITY TEST PROCEDURE. AND SW-846 "TEST METHODS FOR EVALUATING SOLID WASTE"

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 5/14/87
RECEIVED 5/14/87
COMPLETED 7/09/87
REPORTED BY

TO Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE: Cust. B-1

SAMPLE No. 87051428

PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)	PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
A-BHC	*	1			
Lindane	*	1			
B-BHC	*	1			
Heptachlor	*	1			
Aldrin	*	1			
Hep.-epoxide	*	1			
p,p'-DDE	*	1			
Dieldrin	*	1			
o,p'-DDD (TDE)	*	1			
Endrin	*	1			
o,p'-DDT	*	1			
p,p'-DDD (TDE)	*	1			
p,p'-DDT	*	1			

* Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

VOLUMETRIC TECHNIQUES, LTD.
317 BERNICE DRIVE
BAYPORT, NEW YORK 11705
16-472-4848

SAMPLED BY CPC
DATE:
COLLECTED 5/14/87
RECEIVED 5/14/87
COMPLETED 6/24/87
REPORTED BY

SANDER R. STERNIG
DIRECTOR OF LABORATORIES

TO:
Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE:	SAMPLE No.
Cust. # B-2	87051429

PARAMETERS	RESULTS
pH	
	ug/kg
Cadmium	0.02
Chromium, Total	0.36
Chromium, Hexavalent	
Copper	0.91
Iron	58.02
Nickel	0.51
Silver	<0.01
Zinc	0.18
Lead	<0.01
Mercury	<0.001
Selenium	<0.01
Arsenic	<0.01
Barium	0.22

PARAMETERS	RESULTS ppm (mg/l)*
Total Dissolved Solids	
Color	
Atmospheric Pressure	—
Viscosity: SSU	
Organic	
Layered	
BTU/GAL.	
Flash Point, °C	
Chloride Halogenated, %	
Sulfur Halogenated, %	
Cyanide	
Ash %	
Specific Gravity	
Make-Up %	

nless otherwise noted

Comments: TESTS ARE CONDUCTED IN ACCORDANCE WITH 40 CFR 261 APPENDIX II, EPA TOXICITY TEST PROCEDURE. AND SW-846 "TEST METHODS FOR EVALUATING SOLID WASTE"

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 5/14/87
RECEIVED 5/14/87
COMPLETED 6/24/87
REPORTED BY

TO: Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE: Cust. #B-2

SAMPLE No. 87051429

PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)	PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
A-BHC	*	1			
Lindane	*	1			
B-BHC	*	1			
Heptachlor	*	1			
Aldrin	*	1			
Hep.-epoxide	*	1			
p,p'-DDE	*	1			
Dieldrin	*	1			
o,p'-DDD (TDE)	*	1			
Endrin	*	1			
o,p'-DDT	*	1			
p,p'-DDD (TDE)	*	1			
p,p'-DDT	*	1			

* Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

VOLUMETRIC TECHNIQUES, LTD.
317 BERNICE DRIVE
BAYPORT, NEW YORK 11705
516-472-4848

SAMPLED BY CPC
DATE:
COLLECTED 5/14/87
RECEIVED 5/14/87
COMPLETED 6/24/87
REPORTED BY

SANDER R. STERNIG
DIRECTOR OF LABORATORIES

TO:
Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE:	SAMPLE No.
Cust. # BL - 2	87051430

PARAMETERS	RESULTS	PARAMETERS	RESULTS ppm (mg/l)*
pH		Total Dissolved Solids	
	ppm (mg/l)*	Color	
Cadmium	0.01	Atmospheric Pressure	—
Chromium, Total	<0.01	Viscosity: SSU	
Chromium, Hexavalent	<0.01	Organic	
Copper	0.12	Layered	
Iron	0.03	BTU/GAL.	
Nickel	0.01	Flash Point, °C	
Silver	<0.01	Chloride Halogenated, %	
Zinc	0.02	Sulfur Halogenated, %	
Lead	<0.01	Cyanide	
Mercury	<0.001	Ash %	
Selenium	<0.01	Specific Gravity	
Arsenic	<0.01	Make-Up %	
Barium	0.04		

*Unless otherwise noted

Comments: TESTS ARE CONDUCTED IN ACCORDANCE WITH 40 CFR 261 APPENDIX II, EPA TOXICITY TEST PROCEDURE. AND SW-846 "TEST METHODS FOR EVALUATING SOLID WASTE"

TYREE BROS.
ENVIRONMENTAL SERVICES, INC.

208 ROUTE 109 • FARMINGDALE, NEW YORK 11735

St.	SITE WELL # 1	DATE: 5-13-87	DEPTH TO WATER 10' ___"

ller: Watson	Field Description of Soil:	Driller's Remarks:
	Brown Coarse Loose Sand gravel to big stones-	clean
	Lt Brown Coarse Sand loose : gravel - stones	clean
120	Lt Brown Moist Coarse Sand gravel - stones -	clean
	" "	"
	installed 20'- high spec	well.

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 5/14/87
RECEIVED 5/14/87
COMPLETED 7/09/87
REPORTED BY

TO: Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE: Cust. #BL-3

SAMPLE No. 87051431

PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)	PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
A-BHC	*	1			
Lindane	*	1			
B-BHC	*	1			
Heptachlor	*	1			
Aldrin	*	1			
Hep.-epoxide	*	1			
p,p'-DDE	*	1			
Dieldrin	*	1			
o,p'-DDD (TDE)	*	1			
Endrin	*	1			
o,p'-DDT	*	1			
p,p'-DDD (TDE)	*	1			
p,p'-DDT	*	1			

* Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

VOLUMETRIC TECHNIQUES, LTD.
317 BERNICE DRIVE
BAYPORT, NEW YORK 11705
-472-4848

SAMPLED BY CPC
DATE:
COLLECTED 7/21/87
RECEIVED 7/21/87
COMPLETED 7/31/87
REPORTED BY

SANDER R. STERNIG
DIRECTOR OF LABORATORIES

TO: Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE:	SAMPLE No.
Cust. # BL #4	87072132

PARAMETERS	RESULTS	PARAMETERS	RESULTS ppm (mg/l)*
pH		Total Dissolved Solids	
	ppm (mg/l)*	Color	
Cadmium	<0.01	Atmospheric Pressure	—
Chromium, Total	<0.01	Viscosity: SSU	
Chromium, Hexavalent	<0.01	Organic	
Copper	<0.01	Layered	
Iron	<0.01	BTU/GAL.	
Nickel	<0.01	Flash Point, °C	
Silver	<0.01	Chloride Halogenated, %	
Zinc	<0.01	Sulfur Halogenated, %	
Lead	<0.01	Cyanide	
Mercury		Ash %	
Selenium		Specific Gravity	
Arsenic		Make-Up %	
Barium	<0.01		

ess otherwise noted

Comments: TESTS ARE CONDUCTED IN ACCORDANCE WITH 40 CFR 261 APPENDIX II, EPA TOXICITY TEST PROCEDURE. AND SW-846 "TEST METHODS FOR EVALUATING SOLID WASTE"

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 7/21/87
RECEIVED 7/21/87
COMPLETED 7/24/87
REPORTED BY

TO Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE:	SAMPLE No.
Cust. #BL 4	87072132

PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)	PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
A-BHC	*	1			
Lindane	*	1			
B-BHC	*	1			
Heptachlor	*	1			
Aldrin	*	1			
Hep.-epoxide	*	1			
p,p'-DDE	*	1			
Dieldrin	*	1			
o,p'-DDD (TDE)	*	1			
Endrin	*	1			
o,p'-DDT	*	1			
p,p'-DDD (TDE)	*	1			
p,p'-DDT	*	1			

* Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

CHROMAGRAPHIC TESTING ASSOCIATES, LTD.

Pharmaceuticals, Waxes, Oils, Cosmetics & Water

317 BERNICE DRIVE • BAYPORT, NEW YORK 11705
516-472-4848

SANDER R. STERNIG
Director of Laboratories

SAMPLED BY CPC
DATE:
COLLECTED 7/21/87
RECEIVED 7/21/87
COMPLETED 7/23/87
REPORTED BY

TO: Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

SAMPLE: Cust. # BL #4

SAMPLE No. 87072132

PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)	PARAMETERS	RESULTS ppb(ug/l)	DETECTION LIMIT ppb(ug/l)
Arochlor 1016	<1	1			
Arochlor 1254	<1	1			
Mixed Arochlor	<1	1			

* Less than detection limit
(I) Concentration may be of one, two or three components in group
(II) or (III) Simultaneous elution possible; separate identification of components sometimes impossible

VOLUMETRIC TECHNIQUES, LTD.
317 BERNICE DRIVE
BAYPORT, NEW YORK 11705
16-472-4848

SAMPLED BY CPC
DATE:
COLLECTED 5/14/87
RECEIVED 5/14/87
COMPLETED 6/24/87
REPORTED BY

SANDER R. STERNIG
DIRECTOR OF LABORATORIES

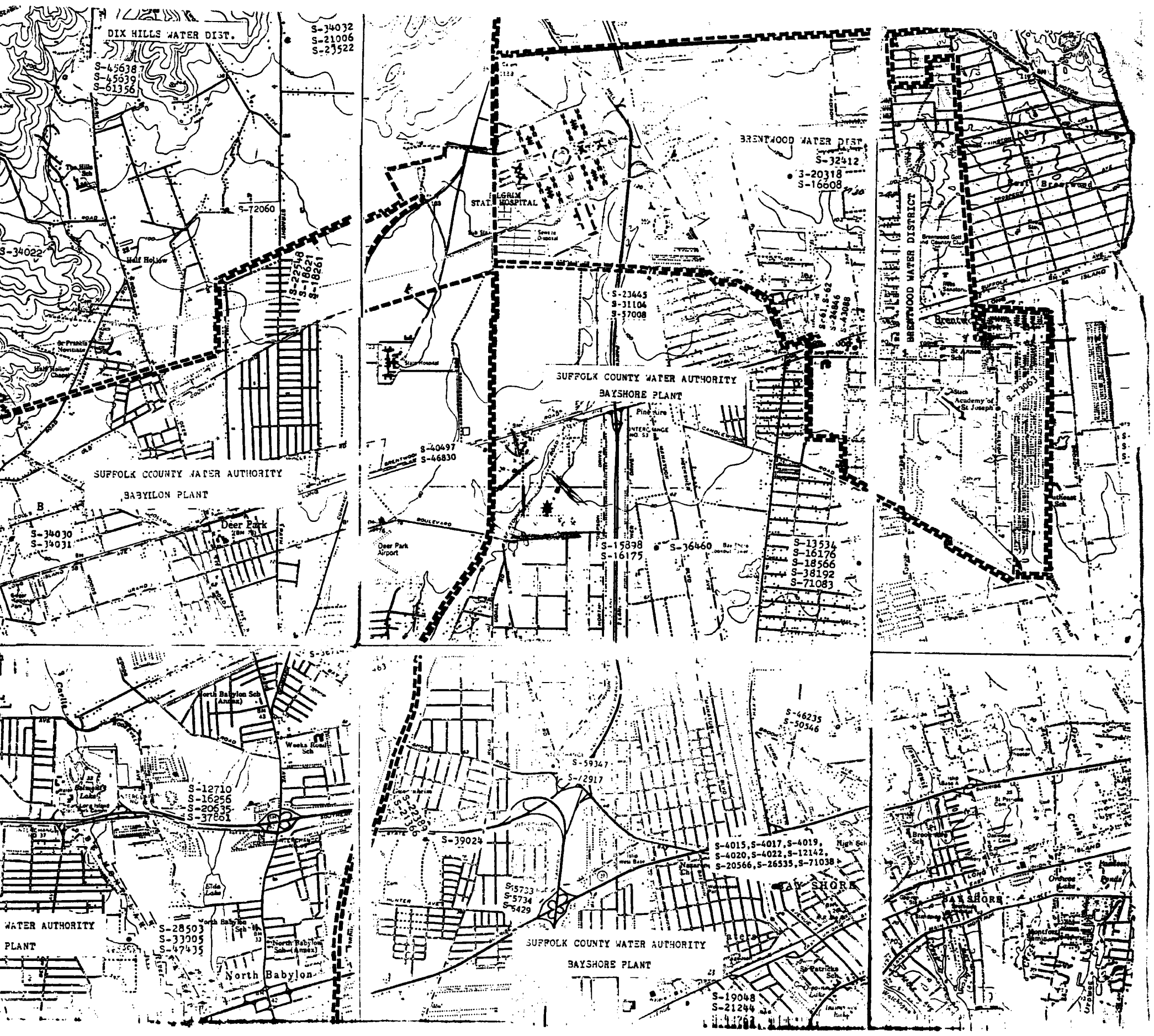
TO:
Chemical Pollution Control
120 South Fourth Street
Bay Shore, New York 11706

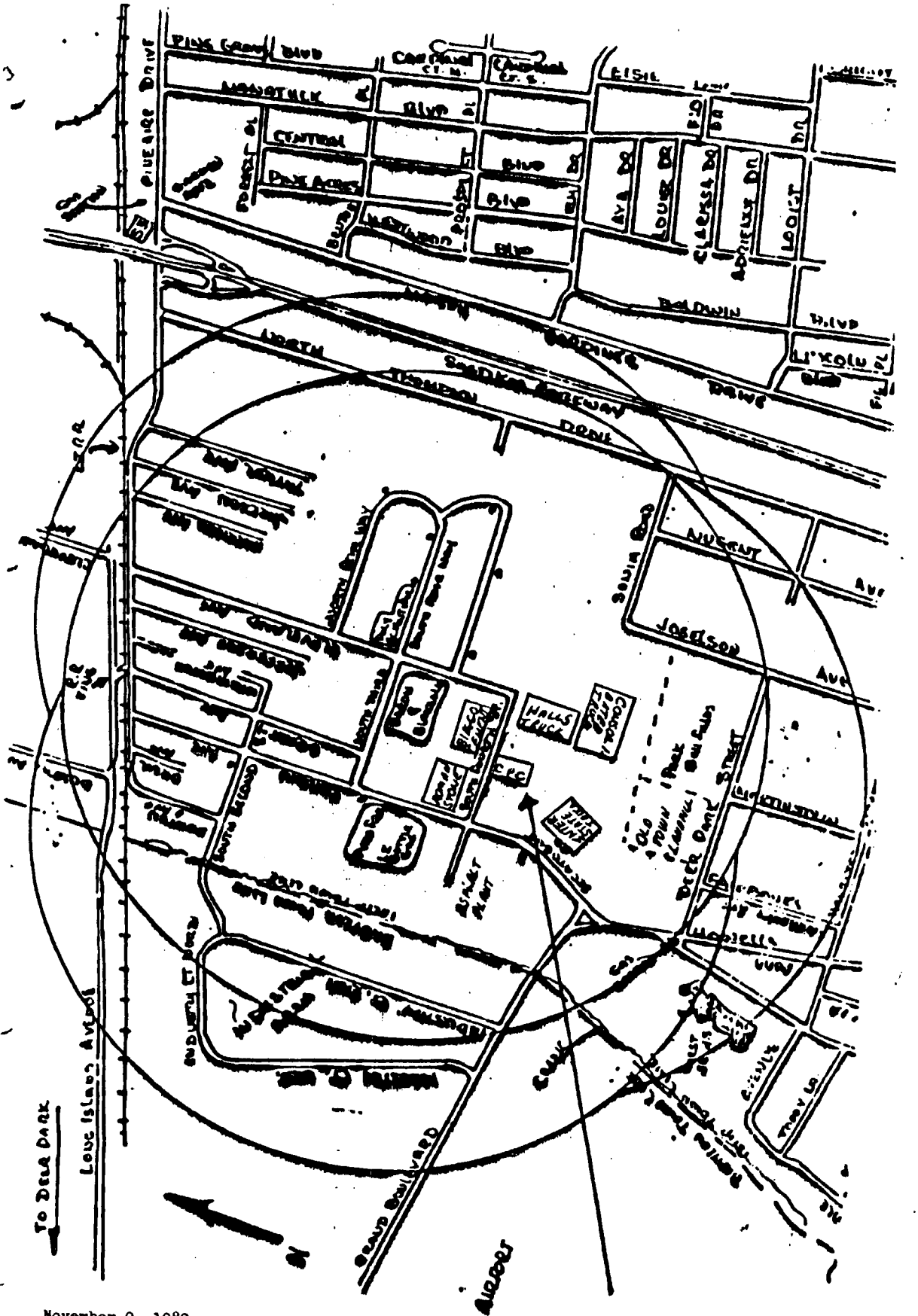
SAMPLE:	SAMPLE No.
Cust. # BL - 2	87051430

PARAMETERS	RESULTS	PARAMETERS	RESULTS ppm (mg/l)*
pH		Total Dissolved Solids	
	ug/kg	Color	
Cadmium	0.01	Atmospheric Pressure	—
Chromium, Total	<0.01	Viscosity: SSU	
Chromium, Hexavalent	<0.01	Organic	
Copper	0.12	Layered	
Iron	0.03	BTU/GAL.	
Nickel	0.01	Flash Point, °C	
Silver	<0.01	Chloride Halogenated, %	
Zinc	0.02	Sulfur Halogenated, %	
Lead	<0.01	Cyanide	
Mercury	<0.001	Ash %	
Selenium	<0.01	Specific Gravity	
Arsenic	<0.01	Make-Up %	
Barium	0.04		

*Unless otherwise noted

Comments: TESTS ARE CONDUCTED IN ACCORDANCE WITH 40 CFR 261 APPENDIX II, EPA TOXICITY TEST PROCEDURE. AND SW-846 "TEST METHODS FOR EVALUATING SOLID WASTE"


DIX HILLS WATER DIST.
S-34032
S-21006
S-23522
S-45638
S-45639
S-61356
S-72060
S-34022
S-22548
S-18621
S-18261
SUFFOLK COUNTY WATER AUTHORITY
BABYILON PLANT
S-34030
S-34031
Deer Park
S-40497
S-46830
Deer Park Airport
BELGRIM STATE HOSPITAL
BRENTWOOD WATER DIST.
S-32412
S-20318
S-16608
S-23445
S-31104
S-57008
SUFFOLK COUNTY WATER AUTHORITY
BAYSHORE PLANT
S-15898
S-16175
S-36460
S-13534
S-16176
S-18566
S-38192
S-71083
BRENTWOOD WATER DISTRICT
S-73063
S-12710
S-16256
S-20635
S-37861
WATER AUTHORITY
PLANT
S-28503
S-33005
S-47435
North Babylon
S-46235
S-50546
S-59347
S-12917
S-39024
S-4015, S-4017, S-4019,
S-4020, S-4022, S-12142,
S-20566, S-26535, S-71038
S-5733
S-5734
S-5429
SUFFOLK COUNTY WATER AUTHORITY
BAYSHORE PLANT
S-19048
S-21244
BAYSHORE



November 9, 1982
SCALE 1"=800'

CHEMICAL POLLUTION CONTROL, INC.
120 S. FOURTH ST.
BAY SHORE, N.Y. 11706
(516) 586-0333

SOIL COMPLEX

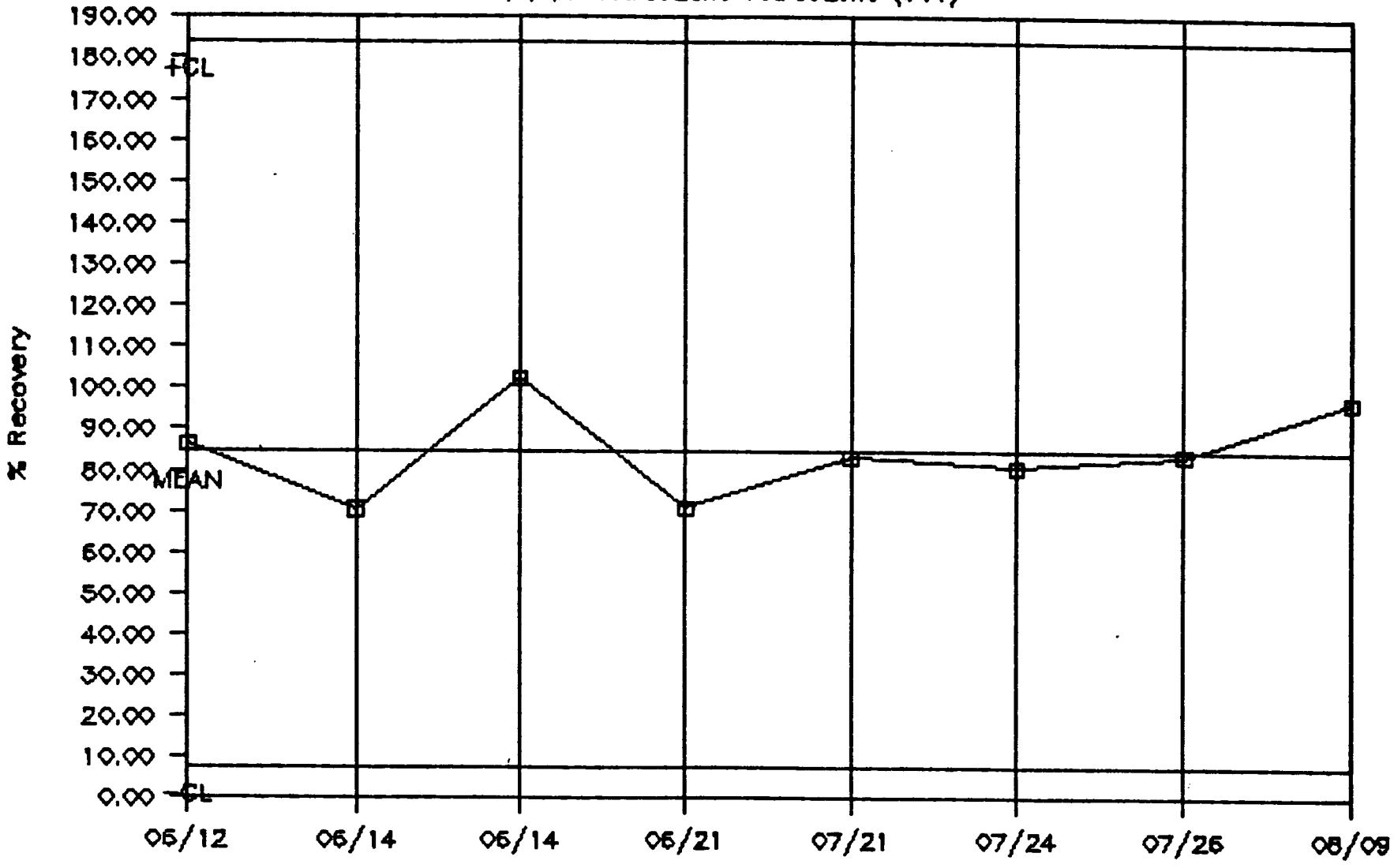
METAL ANALYSIS

	Blank Method	Spike ug/l	Additive Result	Duplication Difference %	1 ppm	Detection ppm	Non-Spiked Sample Result	Method
Arsenic	u	100	102.5	0.11	103	0.001	u	GF
Barium	u	100	103	0.06	105	0.01	u	ICP
Cadmium	u	100	99.3	1.2	105	0.005	u	ICP
Chromium	u	100	97.5	1.4	100	0.01	u	ICP
Lead	u	100	105	1.5	102	0.005	u	GF
Iron	u	100	105	5.0	0.975	0.01	u	ICP
Selenium	u	100	104	1.2	106	0.001	u	GF
Nickel	u	100	102.02	1.5	0.995	0.01	u	ICP
Silver	u	100	95	1.8	0.975	0.01	u	ICP
Copper	u	100	98	0.4	105	0.01	u	ICP
Zinc	u	100	987	1.0	0.995	0.01	u	ICP

u = data result below detection limit.

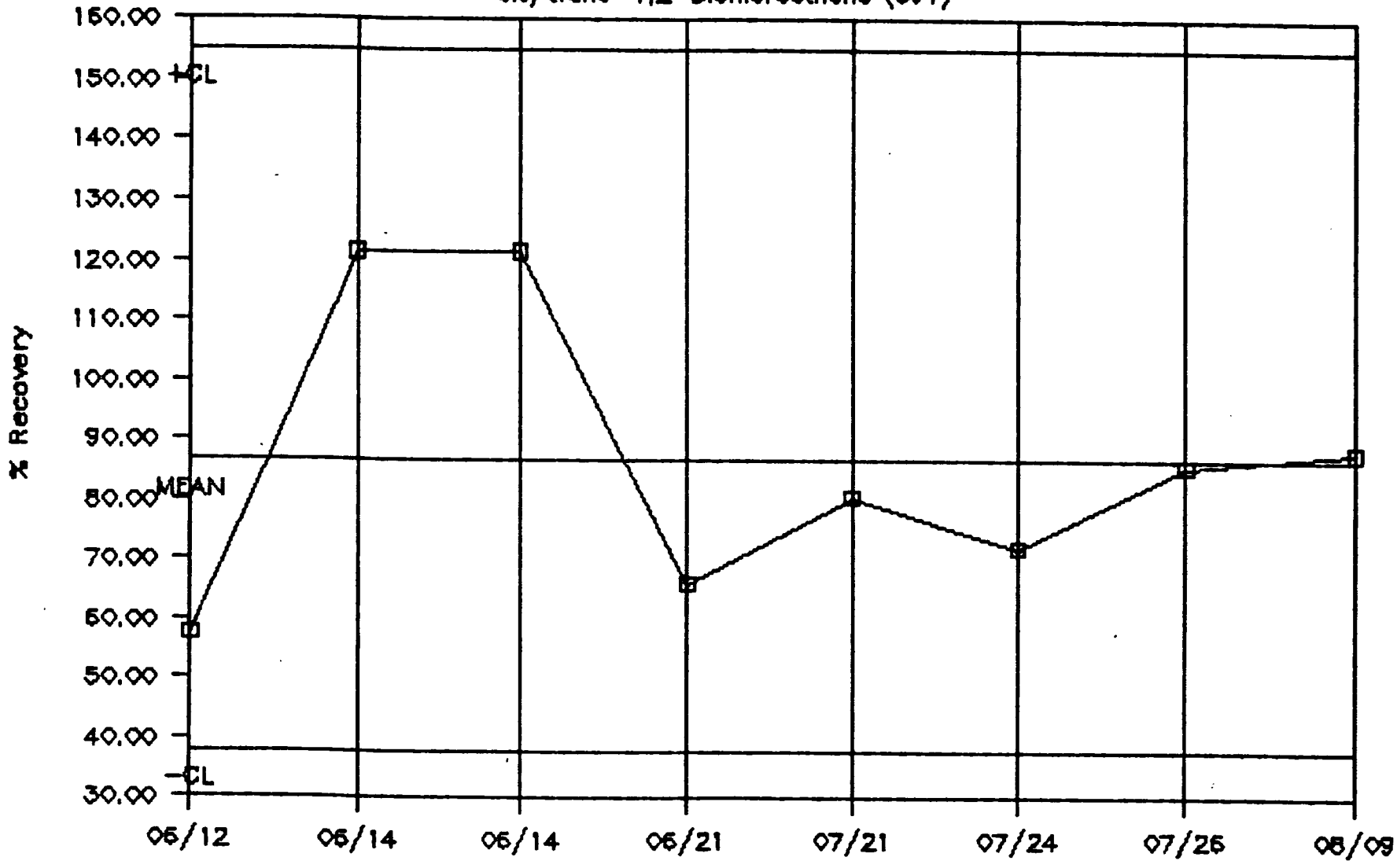
Spiked Sample Chart [Waste Water]

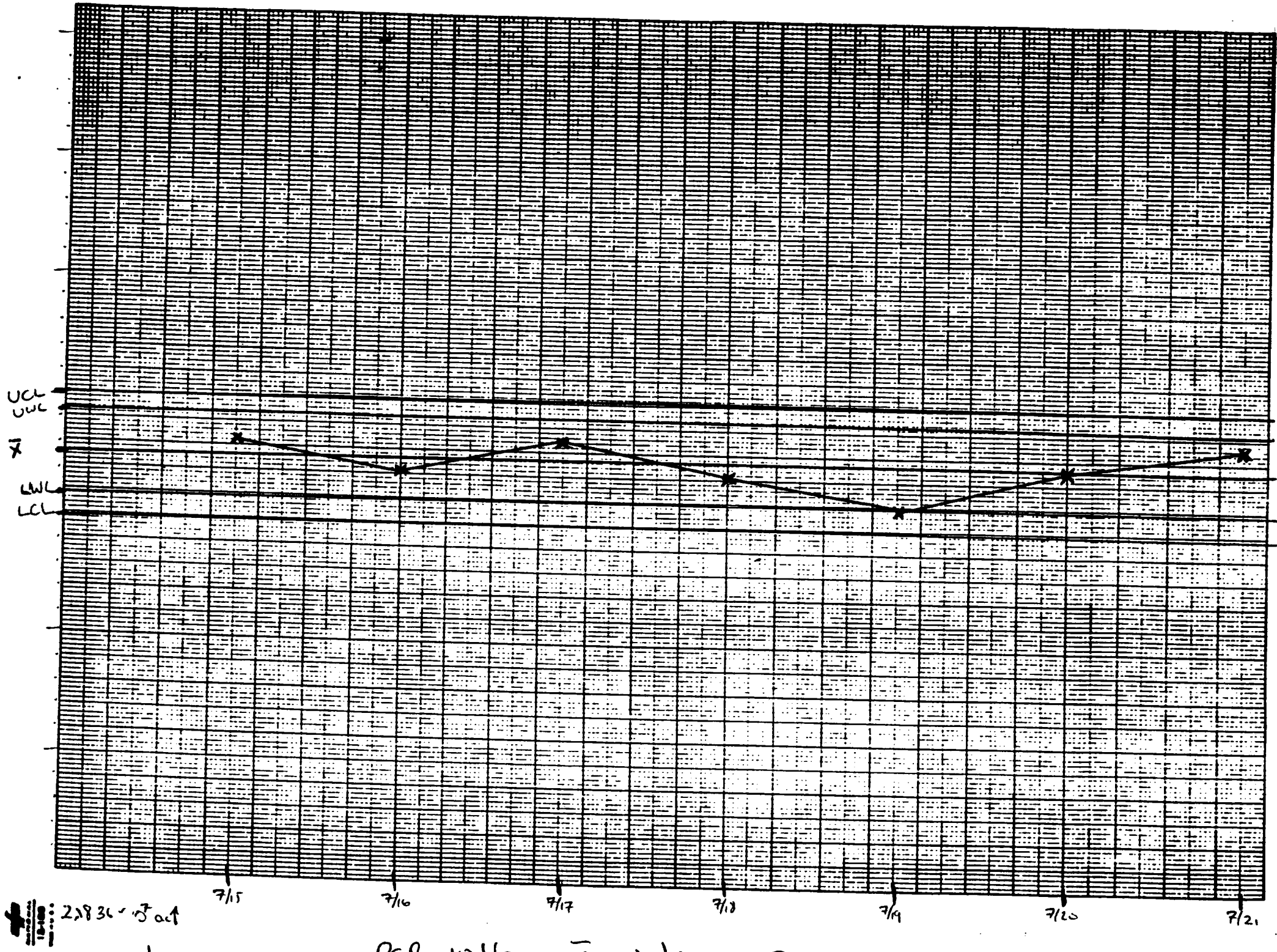
1,1,2,2-TetraCEane TetraCEene (601)



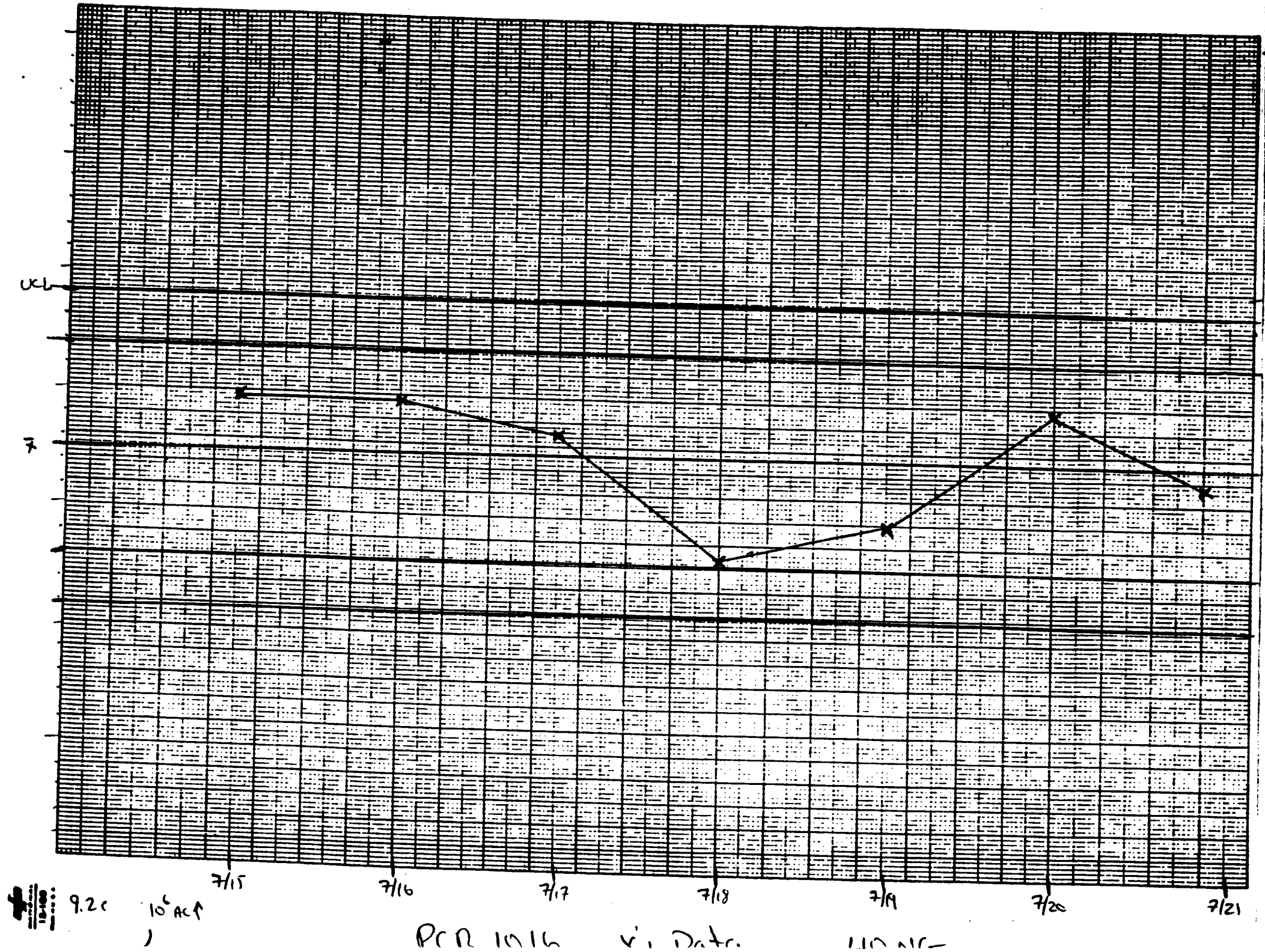
Spiked Sample Chart [Waste Water]

cis/trans-1,2-Dichloroethene (601)

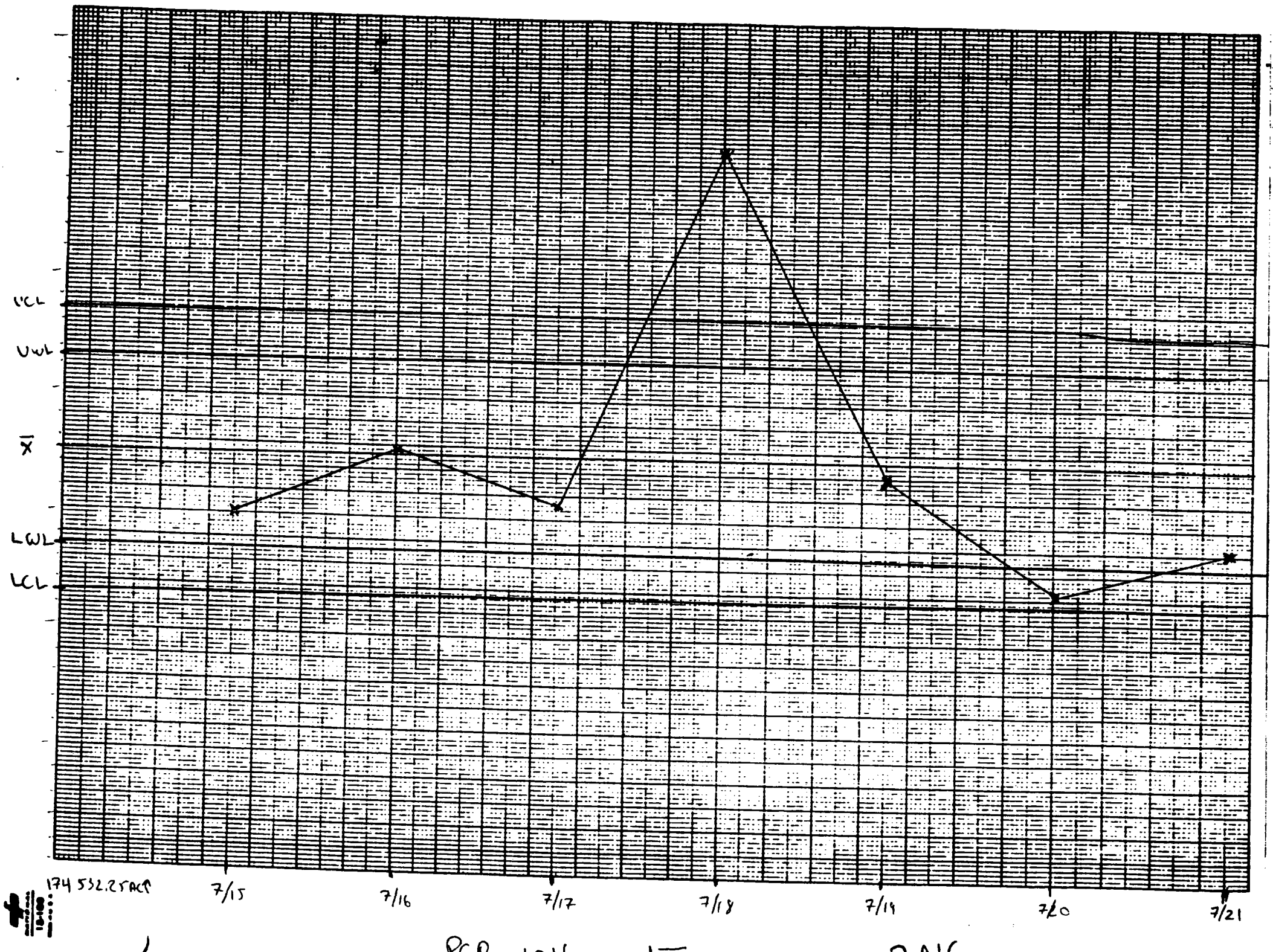




PCB 1016 $\bar{x}$ data 200 ng



PCR 1016 vs Date



PCB 1016 $\bar{X}$ CHART 2NG

VOLUMETRIC TECHNIQUES, LTD. ** QUALITY CONTROL **

06/14	Ref	21.8000	18.6000	2.40	SD	WW	GC	III	TOL
05/08	Ref	10.6000	18.6000	2.40	SD	WW	GC	III	TOL
06/21	Ref	21.6000	20.4000	3.60	SD	WW	GC	III	X
05/12	Ref	33.1000	20.4000	3.60	SD	WW	GC	III	X
05/08	Ref	19.7000	20.4000	3.60	SD	WW	GC	III	X
06/22	Ref	29.7000	20.4000	3.60	SD	WW	GC	III	X
06/08	Ref	24.1000	20.4000	3.60	SD	WW	GC	III	X
05/09	Ref	22.6000	20.4000	3.60	SD	WW	GC	III	X
06/13	Ref	21.7000	20.4000	3.60	SD	WW	GC	III	X
05/18	Ref	24.5000	20.4000	3.60	SD	WW	GC	III	X
06/15	Ref	19.6000	20.4000	3.60	SD	WW	GC	III	X
05/10	Ref	13.2000	20.4000	3.60	SD	WW	GC	III	X
05/16	Ref	28.4000	20.4000	3.60	SD	WW	GC	III	X
06/12	Ref	17.1000	20.4000	3.60	SD	WW	GC	III	X
06/14	Ref	29.2000	20.4000	3.60	SD	WW	GC	III	X
06/12	Spk	3.3000	11.7000	20.00	ppb	WW	GC	III	C
06/12	Spk	0.1000	3.8000	20.00	ppb	WW	GC	III	MM
06/12	Spk	0.1000	6.9000	20.00	ppb	WW	GC	III	B
06/12	Spk	0.1000	13.9000	20.00	ppb	WW	GC	III	E
06/12	Spk	0.1000	11.6000	20.00	ppb	WW	GC	III	D/F
06/12	Spk	0.1000	15.7000	20.00	ppb	WW	GC	III	G
06/12	Spk	0.1000	17.1000	20.00	ppb	WW	GC	III	H
06/12	Spk	0.1000	15.2000	20.00	ppb	WW	GC	III	I
06/12	Spk	0.1000	14.0000	20.00	ppb	WW	GC	III	J
06/12	Spk	0.1000	17.7000	20.00	ppb	WW	GC	III	L
06/12	Spk	0.1000	17.5000	20.00	ppb	WW	GC	III	X
06/12	Spk	0.1000	19.1000	20.00	ppb	WW	GC	III	AA
06/12	Spk	0.1000	14.0000	20.00	ppb	WW	GC	III	K
06/12	Spk	0.1000	60.8000	60.00	ppb	WW	GC	III	MOZ
06/12	Spk	0.1000		20.00	ppb	WW	GC	III	P
06/12	Spk	0.1000	34.7000	40.00	ppb	WW	GC	III	CCN
06/12	Spk	0.1000	14.8000	20.00	ppb	WW	GC	III	BEN
06/12	Spk	0.1000	15.3000	20.00	ppb	WW	GC	III	TOL
06/12	Spk	0.1000	30.5000	40.00	ppb	WW	GC	III	Q
06/12	Spk	0.1000	27.8000	40.00	ppb	WW	GC	V	Q
06/12	Spk	0.1000	13.0000	20.00	ppb	WW	GC	III	ET-B
06/12	Spk	0.1000	33.5000	40.00	ppb	WW	GC	III	M-DCB
06/12	Spk	0.1000	29.5000	40.00	ppb	WW	GC	V	M-DCB
06/12	Spk	0.1000	30.5000	40.00	ppb	WW	GC	III	O-DCB
06/12	Spk	0.1000	38.7000	40.00	ppb	WW	GC	V	O-DCB
06/12	Spk	0.1000	36.9000	40.00	ppb	WW	GC	V	P-DCB
06/12	Spk	0.1000	33.5000	40.00	ppb	WW	GC	III	P-DCB
06/14	Spk	0.1000	18.2000	20.00	ppb	WW	GC	III	C
06/14	Spk	0.1000	25.8000	20.00	ppb	WW	GC	III	MM
06/14	Spk	0.1000	27.5000	20.00	ppb	WW	GC	III	B
06/14	Spk	0.1000	24.0000	20.00	ppb	WW	GC	III	E
06/14	Spk	0.1000	24.4000	20.00	ppb	WW	GC	III	D/F
06/14	Spk	0.1000	22.5000	20.00	ppb	WW	GC	III	G
06/14	Spk	0.1000	23.4000	20.00	ppb	WW	GC	III	H
06/14	Spk	0.1000	22.2000	20.00	ppb	WW	GC	III	I
06/14	Spk	0.1000	19.7000	20.00	ppb	WW	GC	III	J
06/14	Spk	0.1000	22.1000	20.00	ppb	WW	GC	III	L
06/14	Spk	0.1000	24.9000	20.00	ppb	WW	GC	III	X
06/14	Spk	0.1000	24.9000	20.00	ppb	WW	GC	III	AA
06/14	Spk	1.3000	22.3000	20.00	ppb	WW	GC	III	K
06/14	Spk	0.1000	80.9000	60.00	ppb	WW	GC	III	MOZ
06/14	Spk	0.1000		20.00	ppb	WW	GC	III	P
06/14	Spk	0.1000	28.3000	40.00	ppb	WW	GC	III	CCN
06/14	Spk	0.1000	20.7000	20.00	ppb	WW	GC	III	BEN
06/14	Spk	0.1000	19.6000	20.00	ppb	WW	GC	III	TOL

VOLUMETRIC TECHNIQUES, LTD. ** QUALITY CONTROL **

06/14	Spk	0.1000	29.7000	40.00	ppb	WW	GC	III	Q
06/14	Spk	0.1000	47.8000	40.00	ppb	WW	GC	V	Q
06/14	Spk	0.1000	23.4000	20.00	ppb	WW	GC	III	ET-B
06/14	Spk	0.1000	34.5000	40.00	ppb	WW	GC	III	M-DCB
06/14	Spk	0.1000	48.1000	40.00	ppb	WW	GC	V	M-DCB
06/14	Spk	0.1000	27.2000	40.00	ppb	WW	GC	III	O-DCB
06/14	Spk	0.1000	49.0000	40.00	ppb	WW	GC	V	O-DCB
06/14	Spk	0.1000	30.5000	40.00	ppb	WW	GC	V	P-DCB
06/14	Spk	0.1000	49.1000	40.00	ppb	WW	GC	III	P-DCB
06/14	Spk	0.1000	30.7000	20.00	ppb	WW	GC	III	C
06/14	Spk	2.8000	28.7000	20.00	ppb	WW	GC	III	MM
06/14	Spk	0.1000	28.1000	20.00	ppb	WW	GC	III	B
06/14	Spk	0.1000	26.4000	20.00	ppb	WW	GC	III	E
06/14	Spk	0.1000	24.4000	20.00	ppb	WW	GC	III	D/F
06/14	Spk	0.1000	23.6000	20.00	ppb	WW	GC	III	G
06/14	Spk	0.1000	26.8000	20.00	ppb	WW	GC	III	H
06/14	Spk	0.1000	24.5000	20.00	ppb	WW	GC	III	I
06/14	Spk	1.3000	19.3000	20.00	ppb	WW	GC	III	J
06/14	Spk	0.1000	24.8000	20.00	ppb	WW	GC	III	L
06/14	Spk	0.1000	29.3000	20.00	ppb	WW	GC	III	X
06/14	Spk	0.1000	22.7000	20.00	ppb	WW	GC	III	AA
06/14	Spk	3.3000	22.4000	20.00	ppb	WW	GC	III	K
06/14	Spk	0.1000	80.8000	60.00	ppb	WW	GC	III	MOZ
06/14	Spk	0.1000		20.00	ppb	WW	GC	III	P
06/14	Spk	0.1000	41.1000	40.00	ppb	WW	GC	III	CCN
06/14	Spk	0.1000	20.6000	20.00	ppb	WW	GC	III	BEN
06/14	Spk	0.1000	18.2000	20.00	ppb	WW	GC	III	TOL
06/14	Spk	0.1000	27.3000	40.00	ppb	WW	GC	III	Q
06/14	Spk	0.1000	39.9000	40.00	ppb	WW	GC	V	Q
06/14	Spk	0.1000	19.2000	20.00	ppb	WW	GC	III	ET-B
06/14	Spk	0.1000	32.7000	40.00	ppb	WW	GC	III	M-DCB
06/14	Spk	0.1000	43.5000	40.00	ppb	WW	GC	V	M-DCB
06/14	Spk	0.1000	31.2000	40.00	ppb	WW	GC	III	O-DCB
06/14	Spk	0.1000	43.6000	40.00	ppb	WW	GC	V	O-DCB
06/14	Spk	0.1000	32.3000	40.00	ppb	WW	GC	V	P-DCB
06/14	Spk	0.1000	56.6000	40.00	ppb	WW	GC	III	P-DCB
06/21	Spk	5.6000	15.0000	20.00	ppb	WW	GC	III	C
06/21	Spk	0.1000	12.6000	20.00	ppb	WW	GC	III	MM
06/21	Spk	0.1000	10.8000	20.00	ppb	WW	GC	III	B
06/21	Spk	0.1000	14.2000	20.00	ppb	WW	GC	III	E
06/21	Spk	0.1000	13.3000	20.00	ppb	WW	GC	III	D/F
06/21	Spk	1.8000	14.9000	20.00	ppb	WW	GC	III	G
06/21	Spk	0.1000	12.1000	20.00	ppb	WW	GC	III	H
06/21	Spk	0.1000	12.3000	20.00	ppb	WW	GC	III	I
06/21	Spk	0.1000	9.3000	20.00	ppb	WW	GC	III	J
06/21	Spk	0.1000	12.9000	20.00	ppb	WW	GC	III	L
06/21	Spk	0.1000	14.9000	20.00	ppb	WW	GC	III	X
06/21	Spk	0.1000	12.3000	20.00	ppb	WW	GC	III	AA
06/21	Spk	0.1000	25.1000	20.00	ppb	WW	GC	III	K
06/21	Spk	0.1000	31.9000	60.00	ppb	WW	GC	III	MOZ
06/21	Spk	0.1000		20.00	ppb	WW	GC	III	P
06/21	Spk	0.1000	28.5000	40.00	ppb	WW	GC	III	CCN
06/21	Spk	0.8000	18.2000	20.00	ppb	WW	GC	III	BEN
06/21	Spk	1.6000	12.4000	20.00	ppb	WW	GC	III	TOL
06/21	Spk	0.1000	12.4000	40.00	ppb	WW	GC	III	Q
06/21	Spk	0.1000	16.6000	40.00	ppb	WW	GC	V	Q
06/21	Spk	0.1000	11.8000	20.00	ppb	WW	GC	III	ET-B
06/21	Spk	0.1000	14.9000	40.00	ppb	WW	GC	III	M-DCB
06/21	Spk	0.1000	24.4000	40.00	ppb	WW	GC	V	M-DCB
06/21	Spk	0.1000	30.5000	40.00	ppb	WW	GC	III	O-DCB

VOLUMETRIC TECHNIQUES, LTD. ** QUALITY CONTROL **

06/21	Spk	0.1000	32.8000	40.00	ppb	WW	GC	V	O-DCB
06/21	Spk	0.1000	30.5000	40.00	ppb	WW	GC	V	P-DCB
06/21	Spk	0.1000	32.8000	40.00	ppb	WW	GC	III	P-DCB
07/21	Spk	0.1000	16.4000	20.00	ppb	WW	GC	III	C
07/21	Spk	0.1000	20.9000	20.00	ppb	WW	GC	III	MM
07/21	Spk	0.1000	13.9000	20.00	ppb	WW	GC	III	B
07/21	Spk	0.1000	18.5000	20.00	ppb	WW	GC	III	E
07/21	Spk	0.1000	16.2000	20.00	ppb	WW	GC	III	D/F
07/21	Spk	0.1000	17.5000	20.00	ppb	WW	GC	III	G
07/21	Spk	0.1000	18.4000	20.00	ppb	WW	GC	III	H
07/21	Spk	0.1000	16.9000	20.00	ppb	WW	GC	III	I
07/21	Spk	0.1000	18.4000	20.00	ppb	WW	GC	III	J
07/21	Spk	0.1000	17.7000	20.00	ppb	WW	GC	III	L
07/21	Spk	0.1000	18.9000	20.00	ppb	WW	GC	III	X
07/21	Spk	0.1000	15.7000	20.00	ppb	WW	GC	III	AA
07/21	Spk	0.1000	18.3000	20.00	ppb	WW	GC	III	K
07/21	Spk	0.1000	50.4000	60.00	ppb	WW	GC	III	MOZ
07/21	Spk	0.1000		20.00	ppb	WW	GC	III	P
07/21	Spk	0.1000	33.4000	40.00	ppb	WW	GC	III	CCN
07/21	Spk	0.1000	15.1000	20.00	ppb	WW	GC	III	BEN
07/21	Spk	2.4000	17.2000	20.00	ppb	WW	GC	III	TOL
07/21	Spk	0.1000	33.5000	40.00	ppb	WW	GC	III	Q
07/21	Spk	0.1000	35.8000	40.00	ppb	WW	GC	V	Q
07/21	Spk	4.8000	18.8000	20.00	ppb	WW	GC	III	ET-B
07/21	Spk	0.1000	34.4000	40.00	ppb	WW	GC	III	M-DCB
07/21	Spk	0.1000	33.9000	40.00	ppb	WW	GC	V	M-DCB
07/21	Spk	0.1000	37.3000	40.00	ppb	WW	GC	III	O-DCB
07/21	Spk	0.1000	32.7000	40.00	ppb	WW	GC	V	O-DCB
07/21	Spk	0.1000	36.2000	40.00	ppb	WW	GC	V	P-DCB
07/21	Spk	0.1000	34.4000	40.00	ppb	WW	GC	III	P-DCB
07/24	Spk	0.1000	21.0000	20.00	ppb	WW	GC	III	C
07/24	Spk	0.1000	13.8000	20.00	ppb	WW	GC	III	MM
07/24	Spk	0.1000	13.2000	20.00	ppb	WW	GC	III	B
07/24	Spk	0.1000	15.9000	20.00	ppb	WW	GC	III	E
07/24	Spk	0.1000	14.5000	20.00	ppb	WW	GC	III	D/F
07/24	Spk	0.1000	15.5000	20.00	ppb	WW	GC	III	G
07/24	Spk	0.1000	17.4000	20.00	ppb	WW	GC	III	H
07/24	Spk	0.1000	19.4000	20.00	ppb	WW	GC	III	I
07/24	Spk	0.1000	16.4000	20.00	ppb	WW	GC	III	J
07/24	Spk	0.1000	17.2000	20.00	ppb	WW	GC	III	L
07/24	Spk	0.1000	16.8000	20.00	ppb	WW	GC	III	X
07/24	Spk	0.1000	13.9000	20.00	ppb	WW	GC	III	AA
07/24	Spk	0.1000	16.4000	20.00	ppb	WW	GC	III	K
07/24	Spk	0.1000	46.3000	60.00	ppb	WW	GC	III	MOZ
07/24	Spk	0.1000		20.00	ppb	WW	GC	III	P
07/24	Spk	0.1000	32.4000	40.00	ppb	WW	GC	III	CCN
07/24	Spk	0.1000	14.4000	20.00	ppb	WW	GC	III	BEN
07/24	Spk	0.1000	15.8000	20.00	ppb	WW	GC	III	TOL
07/24	Spk	0.1000	30.2000	40.00	ppb	WW	GC	III	Q
07/24	Spk	0.1000	28.4000	40.00	ppb	WW	GC	V	Q
07/24	Spk	0.1000	16.9000	20.00	ppb	WW	GC	III	ET-B
07/24	Spk	0.1000	32.9000	40.00	ppb	WW	GC	III	M-DCB
07/24	Spk	0.1000	31.4000	40.00	ppb	WW	GC	V	M-DCB
07/24	Spk	0.1000	30.7000	40.00	ppb	WW	GC	III	O-DCB
07/24	Spk	0.1000	30.9000	40.00	ppb	WW	GC	V	O-DCB
07/24	Spk	0.1000	36.3000	40.00	ppb	WW	GC	V	P-DCB
07/24	Spk	0.1000	31.2000	40.00	ppb	WW	GC	III	P-DCB
07/26	Spk	0.1000	16.2000	20.00	ppb	WW	GC	III	C
07/26	Spk	0.1000	15.2000	20.00	ppb	WW	GC	III	MM
07/26	Spk	0.1000	14.8000	20.00	ppb	WW	GC	III	B

VOLUMETRIC TECHNIQUES, LTD. ** QUALITY CONTROL **

METALS Data April - June
==========

WW - Waste Water DW - Drinking Wat
SW - Solid Waste AR - Air FSH - F

Metal	Date	Sample #	Type	Result1	Result2	Conc./Spike	Mat
Ag	04/04		Dup	0.1959	0.1888	0.20 Mg/L	WW
Ag	04/04		Ref	1.0053	0.0000	1.00 ppm	WW
Ag	04/04		Spk	0.0000	0.1959	0.20 Mg/L	WW
Ag	04/05		Dup	0.1995	0.2006	0.20 Mg/L	WW
Ag	04/05		Ref	0.9950	0.0000	1.00 ppm	WW
Ag	04/05		Spk	0.0000	0.1995	0.20 Mg/L	WW
Ag	04/12		Dup	0.1967	0.1923	0.20 Mg/L	WW
Ag	04/12		Ref	1.0057	0.0000	1.00 ppm	WW
Ag	04/12		Spk	0.0000	0.1967	0.20 Mg/L	WW
Ag	04/13		Dup	0.2011	0.2088	0.20 Mg/L	WW
Ag	04/13		Ref	1.0256	0.0000	1.00 ppm	WW
Ag	04/13		Spk	0.0000	0.2011	0.20 Mg/L	WW
Ag	04/14		Dup	0.2039	0.2066	0.20 Mg/L	WW
Ag	04/14		Ref	0.9960	0.0000	1.00 ppm	WW
Ag	04/14		Spk	0.0000	0.2039	0.20 Mg/L	WW
Ag	04/19		Dup	0.1981	0.2035	0.20 Mg/L	WW
Ag	04/19		Ref	0.9914	0.0000	1.00 ppm	WW
Ag	04/19		Spk	0.0000	0.1981	0.20 Mg/L	WW
Ag	04/28		Ref	1.0040	0.0000	1.00 ppm	WW
Ag	04/30		Dup	0.2048	0.2046	0.20 Mg/L	WW
Ag	04/30		Ref	1.0049	0.0000	1.00 ppm	WW
Ag	04/30		Spk	0.0000	0.2048	0.20 Mg/L	WW
Ag	05/05		Dup	0.1968	0.1817	0.20 Mg/L	WW
Ag	05/05		Ref	1.0116	0.0000	1.00 ppm	WW
Ag	05/05		Spk	0.0000	0.1968	0.20 Mg/L	WW
Ag	05/10		Dup	0.2148	0.2185	0.20 Mg/L	WW
Ag	05/10		Ref	1.0423	0.0000	1.00 ppm	WW
Ag	05/10		Spk	0.0000	0.2148	0.20 Mg/L	WW
Ag	05/12		Dup	0.2032	0.1826	0.20 Mg/L	WW
Ag	05/12		Ref	0.9925	0.0000	1.00 ppm	WW
Ag	05/12		Spk	0.0000	0.2032	0.20 Mg/L	WW
Ag	05/16		Dup	0.1978	0.1856	0.20 Mg/L	WW
Ag	05/16		Ref	1.0207	0.0000	1.00 ppm	WW
Ag	05/16		Spk	0.0000	0.1978	0.20 Mg/L	WW
Ag	05/18		Dup	0.2017	0.2046	0.20 Mg/L	WW
Ag	05/18		Ref	1.0010	0.0000	1.00 ppm	WW
Ag	05/18		Spk	0.0000	0.2017	0.20 Mg/L	WW
Ag	05/23		Ref	0.9366	0.0000	1.00 ppm	WW
Ag	05/25		Dup	0.1980	0.2131	0.20 Mg/L	WW
Ag	05/25		Ref	1.0014	0.0000	1.00 ppm	WW
Ag	05/25		Spk	0.0000	0.1980	0.20 Mg/L	WW
Ag	05/30		Dup	0.1953	0.1901	0.20 Mg/L	WW
Ag	05/30		Ref	1.0200	0.0000	1.00 ppm	WW
Ag	05/30		Spk	0.0000	0.1953	0.20 Mg/L	WW
Ag	06/05		Ref	0.9991	0.0000	1.00 ppm	WW
Ag	06/06		Dup	0.1981	0.2174	0.20 Mg/L	WW
Ag	06/06		Ref	0.9911	0.0000	1.00 ppm	WW
Ag	06/06		Spk	0.0000	0.1981	0.20 Mg/L	WW
Ag	06/07		Dup	0.2086	0.2133	0.20 Mg/L	WW
Ag	06/07		Ref	0.9504	0.0000	1.00 ppm	WW
Ag	06/07		Spk	0.0000	0.2086	0.20 Mg/L	WW
Ag	06/08		Dup	0.1975	0.2177	0.20 Mg/L	WW
Ag	06/08		Ref	1.0035	0.0000	1.00 ppm	WW
Ag	06/08		Spk	0.0000	0.1975	0.20 Mg/L	WW

VOLUMETRIC TECHNIQUES, LTD. ** QUALITY CONTROL **

Ag	06/13	Dup	0.2024	0.2066	0.20	Mg/L	WW
Ag	06/13	Ref	1.0045	0.0000	1.00	ppm	WW
Ag	06/13	Spk	0.0000	0.2024	0.20	Mg/L	WW
Ag	06/15	Dup	0.2287	0.2338	0.20	Mg/L	WW
Ag	06/15	Ref	1.0537	0.0000	1.00	ppm	WW
Ag	06/15	Spk	0.0000	0.2287	0.20	Mg/L	WW
Ag	06/16	Dup	0.2162	0.2275	0.20	Mg/L	WW
Ag	06/16	Ref	1.0290	0.0000	1.00	ppm	WW
Ag	06/16	Spk	0.0000	0.2162	0.20	Mg/L	WW
Ag	06/29	Dup	0.2168	0.2145	0.20	Mg/L	WW
Ag	06/29	Ref	0.9938	0.0000	1.00	ppm	WW
Ag	06/29	Spk	0.0000	0.2145	0.20	Mg/L	WW
As	06/12	Ref	30.5000	0.0000	30.00	ppb	SW
As	06/12	Spk	0.0000	30.2000	30.00	Mg/L	SW
As	06/12	Dup	30.0000	30.2000	30.00	Mg/L	SW
Hg	03/31	Dup	1.9800	1.9000	2.00	Mg/L	SW
Hg	03/31	Dup	1.9800	1.9000	2.00	Mg/L	SW
Hg	03/31	Ref	1.9100	0.0000	2.00	ppb	SW
Hg	03/31	Ref	1.9100	0.0000	2.00	ppb	SW
Hg	03/31	Spk	0.0000	1.9800	2.00	Mg/L	SW
Hg	03/31	Spk	0.0000	1.9800	2.00	Mg/L	SW
Hg	04/14	Dup	0.0000	0.0000	2.00	Mg/L	SW
Hg	04/14	Dup	0.0000	0.0000	2.00	Mg/L	SW
Hg	04/14	Dup	0.0000	0.0000	2.00	Mg/L	SW
Hg	04/14	Ref	0.0000	0.0000	2.00	ppb	SW
Hg	04/14	Ref	0.0000	0.0000	2.00	ppb	SW
Hg	04/14	Ref	0.0000	0.0000	2.00	ppb	SW
Hg	04/14	Spk	0.0000	0.0000	2.00	Mg/L	SW
Hg	04/14	Spk	0.0000	0.0000	2.00	Mg/L	SW
Hg	04/14	Spk	0.0000	0.0000	2.00	Mg/L	SW
Hg	05/15	Dup	2.0000	1.9800	2.00	Mg/L	SW
Hg	05/15	Dup	2.0000	1.9800	2.00	Mg/L	SW
Hg	05/15	Dup	2.0000	1.9800	2.00	Mg/L	SW
Hg	05/15	Dup	2.0000	1.9800	2.00	Mg/L	SW
Hg	05/15	Dup	2.0000	1.9800	2.00	Mg/L	SW
Hg	05/15	Dup	2.0000	1.9800	2.00	Mg/L	SW
Hg	05/15	Dup	2.0000	1.9800	2.00	Mg/L	SW
Hg	05/15	Dup	2.0000	1.9800	2.00	Mg/L	SW
Hg	05/15	Ref	1.9700	0.0000	2.00	ppb	SW
Hg	05/15	Ref	1.9700	0.0000	2.00	ppb	SW
Hg	05/15	Ref	1.9700	0.0000	2.00	ppb	SW
Hg	05/15	Ref	1.9700	0.0000	2.00	ppb	SW
Hg	05/15	Ref	1.9700	0.0000	2.00	ppb	SW
Hg	05/15	Ref	1.9700	0.0000	2.00	ppb	SW
Hg	05/15	Ref	1.9700	0.0000	2.00	ppb	SW
Hg	05/15	Ref	1.9700	0.0000	2.00	ppb	SW
Pb	01/03	Ref	21.5000	0.0000	20.00	ppb	DW
Pb	01/04	Ref	20.8000	0.0000	20.00	ppb	DW
Pb	01/05	Ref	19.5000	0.0000	20.00	ppb	DW
Pb	01/10	Ref	20.8000	0.0000	20.00	ppb	DW
Pb	01/16	Ref	19.7000	0.0000	20.00	ppb	DW
Pb	01/17	Ref	19.1000	0.0000	20.00	ppb	DW
Pb	01/20	Ref	21.9000	0.0000	20.00	ppb	DW
Pb	01/23	Ref	19.0000	0.0000	20.00	ppb	DW
Pb	02/03	Ref	19.9000	0.0000	20.00	ppb	DW
Pb	02/09	Ref	21.3000	0.0000	20.00	ppb	DW
Pb	02/16	Ref	19.5000	0.0000	20.00	ppb	DW
Pb	03/02	Ref	21.0000	0.0000	20.00	ppb	DW
Pb	03/06	Ref	19.8000	0.0000	20.00	ppb	DW
Pb	01/03	Spk	0.0040	20.5000	20.00	Mg/L	DW

VOLUMETRIC TECHNIQUES, LTD. ** QUALITY CONTROL **

Pb	01/04	Spk	0.0040	19.1000	20.00	Mg/L	DW
Pb	01/05	Spk	0.0040	18.5000	20.00	Mg/L	DW
Pb	01/10	Spk	0.0040	18.9000	20.00	Mg/L	DW
Pb	01/16	Spk	0.0040	18.7000	20.00	Mg/L	DW
Pb	01/17	Spk	0.0040	20.0000	20.00	Mg/L	DW
Pb	01/20	Spk	0.0040	19.0000	20.00	Mg/L	DW
Pb	01/23	Spk	0.0040	19.3000	20.00	Mg/L	DW
Pb	02/03	Spk	0.0040	20.0000	20.00	Mg/L	DW
Pb	02/09	Spk	0.0040	20.0000	20.00	Mg/L	DW
Pb	02/16	Spk	0.0040	18.5000	20.00	Mg/L	DW
Pb	03/02	Spk	0.0040	21.2000	20.00	Mg/L	DW
Pb	03/06	Spk	0.0040	21.0000	20.00	Mg/L	DW
Pb	01/03	Dup	20.5000	22.3000	20.00	Mg/L	DW
Pb	01/04	Dup	19.1000	20.9000	20.00	Mg/L	DW
Pb	01/05	Dup	18.5000	18.7000	20.00	Mg/L	DW
Pb	01/10	Dup	18.9000	20.0000	20.00	Mg/L	DW
Pb	01/16	Dup	18.7000	20.1000	20.00	Mg/L	DW
Pb	01/17	Dup	20.0000	21.0000	20.00	Mg/L	DW
Pb	01/20	Dup	19.0000	20.2000	20.00	Mg/L	DW
Pb	01/23	Dup	19.3000	20.3000	20.00	Mg/L	DW
Pb	02/03	Dup	20.0000	19.9000	20.00	Mg/L	DW
Pb	02/09	Dup	20.0000	18.9000	20.00	Mg/L	DW
Pb	02/16	Dup	18.5000	21.2000	20.00	Mg/L	DW
Pb	03/02	Dup	21.0000	20.9000	20.00	Mg/L	DW
Pb	03/06	Dup	21.0000	21.2000	20.00	Mg/L	DW
Pb	03/07	Ref	19.3000	0.0000	20.00	ppb	DW
Pb	03/15	Ref	21.9000	0.0000	20.00	ppb	DW
Pb	03/16	Ref	17.9000	0.0000	20.00	ppb	DW
Pb	03/21	Ref	21.0000	0.0000	20.00	ppb	DW
Pb	03/28	Ref	19.1000	0.0000	20.00	ppb	DW
Pb	03/29	Ref	19.0000	0.0000	20.00	ppb	DW
Pb	04/03	Ref	20.4000	0.0000	20.00	ppb	DW
Pb	04/07	Ref	19.5000	0.0000	20.00	ppb	DW
Pb	04/12	Ref	20.5000	0.0000	20.00	ppb	DW
Pb	04/14	Ref	20.2000	0.0000	20.00	ppb	DW
Pb	04/17	Ref	20.2000	0.0000	20.00	ppb	DW
Pb	04/25	Ref	20.5000	0.0000	20.00	ppb	DW
Pb	05/02	Ref	20.3000	0.0000	20.00	ppb	DW
Pb	06/07	Ref	21.0000	0.0000	20.00	ppb	DW
Pb	06/12	Ref	20.8000	0.0000	20.00	ppb	DW
Pb	06/16	Ref	20.8000	0.0000	20.00	ppb	DW
Pb	03/15	Spk	0.0040	20.3000	20.00	Mg/L	DW
Pb	03/16	Spk	0.0040	17.8000	20.00	Mg/L	DW
Pb	03/21	Spk	0.0040	19.8000	20.00	Mg/L	DW
Pb	03/28	Spk	0.0040	22.0000	20.00	Mg/L	DW
Pb	04/03	Spk	0.0040	19.5000	20.00	Mg/L	DW
Pb	04/07	Spk	0.0040	19.8000	20.00	Mg/L	DW
Pb	04/12	Spk	0.0040	20.9000	20.00	Mg/L	DW
Pb	04/14	Spk	0.0040	20.2000	20.00	Mg/L	DW
Pb	04/17	Spk	0.0040	20.6000	20.00	Mg/L	DW
Pb	04/25	Spk	0.0040	20.8000	20.00	Mg/L	DW
Pb	05/02	Spk	0.0040	19.8000	20.00	Mg/L	DW
Pb	06/07	Spk	0.0040	19.8000	20.00	Mg/L	DW
Pb	06/12	Spk	0.0040	20.5000	20.00	Mg/L	DW
Pb	06/16	Spk	0.0040	20.2000	20.00	Mg/L	DW
Pb	03/15	Dup	20.3000	19.0000	20.00	Mg/L	DW
Pb	03/16	Dup	17.8000	20.2000	20.00	Mg/L	DW
Pb	03/21	Dup	19.8000	18.8000	20.00	Mg/L	DW
Pb	03/28	Dup	22.0000	22.2000	20.00	Mg/L	DW
Pb	04/03	Dup	19.5000	21.0000	20.00	Mg/L	DW

VOLUMETRIC TECHNIQUES, LTD. ** QUALITY CONTROL **

Pb	04/07	Dup	19.8000	20.5000	20.00	Mg/L	DW
Pb	04/12	Dup	20.9000	20.6000	20.00	Mg/L	DW
Pb	04/14	Dup	20.2000	20.8000	20.00	Mg/L	DW
Pb	04/17	Dup	20.6000	20.5000	20.00	Mg/L	DW
Pb	04/25	Dup	20.8000	21.0000	20.00	Mg/L	DW
Pb	05/02	Dup	19.8000	19.5000	20.00	Mg/L	DW
Pb	06/07	Dup	19.8000	20.1000	20.00	Mg/L	DW
Pb	06/12	Dup	20.5000	20.0000	20.00	Mg/L	DW
Pb	06/16	Dup	20.2000	19.8000	20.00	Mg/L	DW
Na	04/25	Ref	5.1770	0.0000	5.00	ppm	WW
Na	05/03	Ref	4.9140	0.0000	5.00	ppm	WW
Na	05/10	Ref	4.6750	0.0000	5.00	ppm	WW
Na	05/15	Ref	4.8280	0.0000	5.00	ppm	WW
Na	05/23	Ref	4.8720	0.0000	5.00	ppm	WW
Na	06/01	Ref	4.9760	0.0000	5.00	ppm	WW
Na	06/05	Ref	4.9470	0.0000	5.00	ppm	WW
Na	06/12	Ref	5.1230	0.0000	5.00	ppm	WW
Na	06/26	Ref	5.1000	0.0000	5.00	ppm	WW
Na	06/27	Ref	5.4510	0.0000	5.00	ppm	WW
Na	04/25	Spk	0.0000	2.9660	2.00	ppm	WW
Na	05/03	Spk	0.0000	2.6210	2.00	ppm	WW
Na	05/10	Spk	0.0000	2.2420	2.00	ppm	WW
Na	05/15	Spk	0.0000	2.6970	2.00	ppm	WW
Na	06/01	Spk	0.0000	2.7840	2.00	ppm	WW
Na	06/12	Spk	0.0000	2.6630	2.00	ppm	WW
Na	06/26	Spk	0.0000	2.8360	2.00	ppm	WW
Na	04/25	Dup	2.9660	2.4840	2.00	ppm	WW
Na	05/03	Dup	2.6210	2.6620	2.00	ppm	WW
Na	05/10	Dup	2.2420	1.9610	2.00	ppm	WW
Na	05/15	Dup	2.6970	2.6980	2.00	ppm	WW
Na	06/01	Dup	2.7840	2.7790	2.00	ppm	WW
Na	06/12	Dup	2.6630	2.6840	2.00	ppm	WW
Na	06/26	Dup	2.8360	3.0600	2.00	ppm	WW
Fe	04/25	Ref	0.4963	0.0000	0.50	ppm	DW
Fe	05/03	Ref	0.5004	0.0000	0.50	ppm	DW
Fe	05/10	Ref	0.4794	0.0000	0.50	ppm	DW
Fe	05/15	Ref	0.4909	0.0000	0.50	ppm	DW
Fe	05/23	Ref	0.5016	0.0000	0.50	ppm	DW
Fe	06/01	Ref	0.4956	0.0000	0.50	ppm	DW
Fe	06/05	Ref	0.4894	0.0000	0.50	ppm	DW
Fe	06/12	Ref	0.4834	0.0000	0.50	ppm	DW
Fe	06/26	Ref	0.4765	0.0000	0.50	ppm	DW
Fe	06/27	Ref	0.4884	0.0000	0.50	ppm	DW
Fe	04/25	Spk	0.0000	0.2087	0.20	Mg/L	DW
Fe	05/03	Spk	0.0000	0.2075	0.20	Mg/L	DW
Fe	05/10	Spk	0.0000	0.2079	0.20	Mg/L	DW
Fe	05/15	Spk	0.0000	0.2074	0.20	Mg/L	DW
Fe	06/01	Spk	0.0000	0.2088	0.20	Mg/L	DW
Fe	06/12	Spk	0.0000	0.2011	0.20	Mg/L	DW
Fe	06/26	Spk	0.0000	0.1964	0.20	Mg/L	DW
Fe	04/25	Dup	0.2214	0.2087	0.20	Mg/L	DW
Fe	05/03	Dup	0.2141	0.2075	0.20	Mg/L	DW
Fe	05/10	Dup	0.2145	0.2079	0.20	Mg/L	DW
Fe	05/15	Dup	0.2137	0.2074	0.20	Mg/L	DW
Fe	06/01	Dup	0.2129	0.2088	0.20	Mg/L	DW
Fe	06/12	Dup	0.2129	0.2011	0.20	Mg/L	DW
Fe	06/26	Dup	0.2116	0.1964	0.20	Mg/L	DW
Mn	04/25	Ref	0.4931	0.0000	0.50	ppm	WW
Mn	05/03	Ref	0.4975	0.0000	0.50	ppm	WW
Mn	05/10	Ref	0.4949	0.0000	0.50	ppm	WW

Mn	05/15	Ref	0.4904	0.0000	0.50	ppm	WW
Mn	05/23	Ref	0.4919	0.0000	0.50	ppm	WW
Mn	06/01	Ref	0.5026	0.0000	0.50	ppm	WW
Mn	06/05	Ref	0.4951	0.0000	0.50	ppm	WW
Mn	06/12	Ref	0.4932	0.0000	0.50	ppm	WW
Mn	06/26	Ref	0.4964	0.0000	0.50	ppm	WW
Mn	06/27	Ref	0.5127	0.0000	0.50	ppm	WW
Mn	04/25	Spk	0.0000	0.1992	0.20	Mg/L	WW
Mn	05/03	Spk	0.0000	0.2025	0.20	Mg/L	WW
Mn	05/10	Spk	0.0000	0.2002	0.20	Mg/L	WW
Mn	05/15	Spk	0.0000	0.1966	0.20	Mg/L	WW
Mn	06/01	Spk	0.0000	0.2051	0.20	Mg/L	WW
Mn	06/12	Spk	0.0000	0.1977	0.20	Mg/L	WW
Mn	06/26	Spk	0.0000	0.2007	0.20	Mg/L	WW
Mn	04/25	Dup	0.1992	0.1969	0.20	Mg/L	WW
Mn	05/03	Dup	0.2025	0.2007	0.20	Mg/L	WW
Mn	05/10	Dup	0.2002	0.1989	0.20	Mg/L	WW
Mn	05/15	Dup	0.1966	0.1973	0.20	Mg/L	WW
Mn	06/01	Dup	0.2051	0.2027	0.20	Mg/L	WW
Mn	06/12	Dup	0.1977	0.1958	0.20	Mg/L	WW
Mn	06/26	Dup	0.2026	0.2007	0.20	Mg/L	WW
Cd	04/04	Ref	1.0002	0.0000	1.00	ppm	WW
Cd	04/05	Ref	0.9846	0.0000	1.00	ppm	WW
Cd	04/12	Ref	0.9970	0.0000	1.00	ppm	WW
Cd	04/13	Ref	1.0115	0.0000	1.00	ppm	WW
Cd	04/14	Ref	1.0009	0.0000	1.00	ppm	WW
Cd	04/19	Ref	1.0033	0.0000	1.00	ppm	WW
Cd	04/28	Ref	0.9888	0.0000	1.00	ppm	WW
Cd	04/30	Ref	1.0002	0.0000	1.00	ppm	WW
Cd	05/05	Ref	0.9898	0.0000	1.00	ppm	WW
Cd	05/10	Ref	1.0217	0.0000	1.00	ppm	WW
Cd	05/12	Ref	0.9628	0.0000	1.00	ppm	WW
Cd	05/16	Ref	1.0398	0.0000	1.00	ppm	WW
Cd	05/18	Ref	0.9762	0.0000	1.00	ppm	WW
Cd	05/23	Ref	0.9979	0.0000	1.00	ppm	WW
Cd	05/25	Ref	0.9960	0.0000	1.00	ppm	WW
Cd	05/30	Ref	1.0152	0.0000	1.00	ppm	WW
Cd	06/05	Ref	0.9586	0.0000	1.00	ppm	WW
Cd	06/06	Ref	0.9811	0.0000	1.00	ppm	WW
Cd	06/07	Ref	0.9627	0.0000	1.00	ppm	WW
Cd	06/08	Ref	0.9656	0.0000	1.00	ppm	WW
Cd	06/29	Ref	0.9891	0.0000	1.00	ppm	WW
Cd	04/04	Spk	0.0000	0.2052	0.20	Mg/L	WW
Cd	04/05	Spk	0.0000	0.1976	0.20	Mg/L	WW
Cd	04/12	Spk	0.0000	0.2044	0.20	Mg/L	WW
Cd	04/13	Spk	0.0000	0.2032	0.20	Mg/L	WW
Cd	04/14	Spk	0.0000	0.2019	0.20	Mg/L	WW
Cd	04/19	Spk	0.0000	0.2043	0.20	Mg/L	WW
Cd	04/30	Spk	0.0000	0.2117	0.20	Mg/L	WW
Cd	05/05	Spk	0.0000	0.1954	0.20	Mg/L	WW
Cd	05/10	Spk	0.0000	0.2008	0.20	Mg/L	WW
Cd	05/12	Spk	0.0000	0.1977	0.20	Mg/L	WW
Cd	05/16	Spk	0.0000	0.2046	0.20	Mg/L	WW
Cd	05/18	Spk	0.0000	0.1958	0.20	Mg/L	WW
Cd	05/25	Spk	0.0000	0.2027	0.20	Mg/L	WW
Cd	05/30	Spk	0.0000	0.2019	0.20	Mg/L	WW
Cd	06/06	Spk	0.0000	0.1989	0.20	Mg/L	WW
Cd	06/07	Spk	0.0000	0.2090	0.20	Mg/L	WW
Cd	06/08	Spk	0.0000	0.2066	0.20	Mg/L	WW
Cd	06/13	Spk	0.0000	0.2016	0.20	Mg/L	WW

VOLUMETRIC TECHNIQUES, LTD. ** QUALITY CONTROL **

Cd	06/15	Spk	0.0000	0.2248	0.20	Mg/L	WW
Cd	06/16	Spk	0.0000	0.2205	0.20	Mg/L	WW
Cd	06/29	Spk	0.0000	0.1997	0.20	Mg/L	WW
Cd	04/04	Dup	0.2052	0.1967	0.20	Mg/L	WW
Cd	04/05	Dup	0.1976	0.1970	0.20	Mg/L	WW
Cd	04/12	Dup	0.2044	0.2027	0.20	Mg/L	WW
Cd	04/13	Dup	0.2032	0.2041	0.20	Mg/L	WW
Cd	04/14	Dup	0.2019	0.1972	0.20	Mg/L	WW
Cd	04/19	Dup	0.2043	0.2009	0.20	Mg/L	WW
Cd	04/30	Dup	0.2117	0.2083	0.20	Mg/L	WW
Cd	05/05	Dup	0.1954	0.1868	0.20	Mg/L	WW
Cd	05/10	Dup	0.2008	0.2187	0.20	Mg/L	WW
Cd	05/12	Dup	0.1977	0.1931	0.20	Mg/L	WW
Cd	05/16	Dup	0.2046	0.2083	0.20	Mg/L	WW
Cd	05/18	Dup	0.1958	0.2025	0.20	Mg/L	WW
Cd	05/25	Dup	0.2027	0.2032	0.20	Mg/L	WW
Cd	05/30	Dup	0.2019	0.2027	0.20	Mg/L	WW
Cd	06/06	Dup	0.1989	0.2025	0.20	Mg/L	WW
Cd	06/07	Dup	0.2090	0.2027	0.20	Mg/L	WW
Cd	06/08	Dup	0.2066	0.2012	0.20	Mg/L	WW
Cd	06/13	Dup	0.2016	0.2069	0.20	Mg/L	WW
Cd	06/15	Dup	0.2293	0.2248	0.20	Mg/L	WW
Cd	06/16	Dup	0.2205	0.2124	0.20	Mg/L	WW
Cd	06/29	Dup	0.1950	0.1997	0.20	Mg/L	WW
Cu	04/04	Ref	0.9986	0.0000	1.00	ppm	WW
Cu	04/05	Ref	1.0012	0.0000	1.00	ppm	WW
Cu	04/12	Ref	1.0015	0.0000	1.00	ppm	WW
Cu	04/13	Ref	1.0252	0.0000	1.00	ppm	WW
Cu	04/14	Ref	0.9823	0.0000	1.00	ppm	WW
Cu	04/19	Ref	0.9974	0.0000	1.00	ppm	WW
Cu	04/28	Ref	1.0010	0.0000	1.00	ppm	WW
Cu	04/30	Ref	0.9829	0.0000	1.00	ppm	WW
Cu	05/05	Ref	1.0396	0.0000	1.00	ppm	WW
Cu	05/10	Ref	1.0501	0.0000	1.00	ppm	WW
Cu	05/12	Ref	0.9896	0.0000	1.00	ppm	WW
Cu	05/16	Ref	1.0401	0.0000	1.00	ppm	WW
Cu	05/18	Ref	0.9874	0.0000	1.00	ppm	WW
Cu	05/23	Ref	0.9966	0.0000	1.00	ppm	WW
Cu	05/25	Ref	1.0000	0.0000	1.00	ppm	WW
Cu	05/30	Ref	1.0129	0.0000	1.00	ppm	WW
Cu	06/05	Ref	1.0164	0.0000	1.00	ppm	WW
Cu	06/06	Ref	1.0002	0.0000	1.00	ppm	WW
Cu	06/07	Ref	0.9896	0.0000	1.00	ppm	WW
Cu	06/08	Ref	1.0169	0.0000	1.00	ppm	WW
Cu	06/13	Ref	1.0216	0.0000	1.00	ppm	WW
Cu	04/04	Spk	0.0000	0.2039	0.20	Mg/L	WW
Cu	04/05	Spk	0.0000	0.2020	0.20	Mg/L	WW
Cu	04/12	Spk	0.0000	0.2064	0.20	Mg/L	WW
Cu	04/13	Spk	0.0000	0.2014	0.20	Mg/L	WW
Cu	04/14	Spk	0.0000	0.2026	0.20	Mg/L	WW
Cu	04/19	Spk	0.0000	0.2063	0.20	Mg/L	WW
Cu	04/30	Spk	0.0000	0.1896	0.20	Mg/L	WW
Cu	05/05	Spk	0.0000	0.2104	0.20	Mg/L	WW
Cu	05/10	Spk	0.0000	0.2208	0.20	Mg/L	WW
Cu	05/12	Spk	0.0000	0.2063	0.20	Mg/L	WW
Cu	05/16	Spk	0.0000	0.2110	0.20	Mg/L	WW
Cu	05/18	Spk	0.0000	0.2048	0.20	Mg/L	WW
Cu	05/25	Spk	0.0000	0.2115	0.20	Mg/L	WW
Cu	05/30	Spk	0.0000	0.1984	0.20	Mg/L	WW
Cu	06/06	Spk	0.0000	0.1994	0.20	Mg/L	WW

VOLUMETRIC TECHNIQUES, LTD. ** QUALITY CONTROL **

Cu	06/07	Spk	0.0000	0.2081	0.20	Mg/L	WW
Cu	06/08	Spk	0.0000	0.2058	0.20	Mg/L	WW
Cu	06/13	Spk	0.0000	0.2148	0.20	Mg/L	WW
Cu	06/15	Spk	0.0000	0.2383	0.20	Mg/L	WW
Cu	06/16	Spk	0.0000	0.2183	0.20	Mg/L	WW
Cu	06/29	Spk	0.0000	0.2083	0.20	Mg/L	WW
Cu	04/04	Dup	0.2039	0.2031	0.20	Mg/L	WW
Cu	04/05	Dup	0.2020	0.2062	0.20	Mg/L	WW
Cu	04/12	Dup	0.2064	0.2094	0.20	Mg/L	WW
Cu	04/13	Dup	0.2014	0.2030	0.20	Mg/L	WW
Cu	04/14	Dup	0.2026	0.2049	0.20	Mg/L	WW
Cu	04/19	Dup	0.2063	0.2017	0.20	Mg/L	WW
Cu	04/30	Dup	0.1896	0.1950	0.20	Mg/L	WW
Cu	05/05	Dup	0.2104	0.1877	0.20	Mg/L	WW
Cu	05/10	Dup	0.2208	0.2200	0.20	Mg/L	WW
Cu	05/12	Dup	0.2063	0.2009	0.20	Mg/L	WW
Cu	05/16	Dup	0.2110	0.2127	0.20	Mg/L	WW
Cu	05/18	Dup	0.2048	0.2139	0.20	Mg/L	WW
Cu	05/25	Dup	0.2115	0.2028	0.20	Mg/L	WW
Cu	05/30	Dup	0.1984	0.2046	0.20	Mg/L	WW
Cu	06/06	Dup	0.1994	0.2091	0.20	Mg/L	WW
Cu	06/07	Dup	0.2081	0.2061	0.20	Mg/L	WW
Cu	06/08	Dup	0.2058	0.2050	0.20	Mg/L	WW
Cu	06/13	Dup	0.2148	0.2065	0.20	Mg/L	WW
Cu	06/15	Dup	0.2383	0.2396	0.20	Mg/L	WW
Cu	06/16	Dup	0.2183	0.2150	0.20	Mg/L	WW
Cu	06/29	Dup	0.2088	0.2083	0.20	Mg/L	WW
Cr	04/04	Ref	1.0087	0.0000	1.00	ppm	WW
Cr	04/05	Ref	0.9979	0.0000	1.00	ppm	WW
Cr	04/12	Ref	1.0086	0.0000	1.00	ppm	WW
Cr	04/13	Ref	1.0284	0.0000	1.00	ppm	WW
Cr	04/14	Ref	1.0000	0.0000	1.00	ppm	WW
Cr	04/19	Ref	1.0021	0.0000	1.00	ppm	WW
Cr	04/28	Ref	0.9987	0.0000	1.00	ppm	WW
Cr	04/30	Ref	1.0115	0.0000	1.00	ppm	WW
Cr	05/05	Ref	1.0281	0.0000	1.00	ppm	WW
Cr	05/10	Ref	1.0345	0.0000	1.00	ppm	WW
Cr	05/12	Ref	0.9929	0.0000	1.00	ppm	WW
Cr	05/16	Ref	1.0371	0.0000	1.00	ppm	WW
Cr	05/18	Ref	0.9971	0.0000	1.00	ppm	WW
Cr	05/23	Ref	1.0002	0.0000	1.00	ppm	WW
Cr	05/25	Ref	0.9859	0.0000	1.00	ppm	WW
Cr	05/30	Ref	0.9983	0.0000	1.00	ppm	WW
Cr	06/05	Ref	0.9986	0.0000	1.00	ppm	WW
Cr	06/06	Ref	1.0048	0.0000	1.00	ppm	WW
Cr	06/07	Ref	0.9895	0.0000	1.00	ppm	WW
Cr	06/08	Ref	1.1328	0.0000	1.00	ppm	WW
Cr	06/13	Ref	1.0241	0.0000	1.00	ppm	WW
Cr	04/04	Spk	0.0000	0.1996	0.20	Mg/L	WW
Cr	04/05	Spk	0.0000	0.1995	0.20	Mg/L	WW
Cr	04/12	Spk	0.0000	0.2042	0.20	Mg/L	WW
Cr	04/13	Spk	0.0000	0.2031	0.20	Mg/L	WW
Cr	04/14	Spk	0.0000	0.1970	0.20	Mg/L	WW
Cr	04/19	Spk	0.0000	0.1987	0.20	Mg/L	WW
Cr	04/30	Spk	0.0000	0.2019	0.20	Mg/L	WW
Cr	05/05	Spk	0.0000	0.2038	0.20	Mg/L	WW
Cr	05/10	Spk	0.0000	0.2103	0.20	Mg/L	WW
Cr	05/12	Spk	0.0000	0.2023	0.20	Mg/L	WW
Cr	05/16	Spk	0.0000	0.2054	0.20	Mg/L	WW
Cr	05/18	Spk	0.0000	0.1994	0.20	Mg/L	WW

VOLUMETRIC TECHNIQUES, LTD. ** QUALITY CONTROL **

Cr	05/25	Spk	0.0000	0.1974	0.20	Mg/L	WW
Cr	05/30	Spk	0.0000	0.1965	0.20	Mg/L	WW
Cr	06/06	Spk	0.0000	0.1996	0.20	Mg/L	WW
Cr	06/07	Spk	0.0000	0.2003	0.20	Mg/L	WW
Cr	06/08	Spk	0.0000	0.2214	0.20	Mg/L	WW
Cr	06/13	Spk	0.0000	0.1963	0.20	Mg/L	WW
Cr	06/15	Spk	0.0000	0.2203	0.20	Mg/L	WW
Cr	06/16	Spk	0.0000	0.2111	0.20	Mg/L	WW
Cr	06/29	Spk	0.0000	0.2133	0.20	Mg/L	WW
Cr	04/04	Dup	0.1996	0.2056	0.20	Mg/L	WW
Cr	04/05	Dup	0.1995	0.1980	0.20	Mg/L	WW
Cr	04/12	Dup	0.2042	0.2057	0.20	Mg/L	WW
Cr	04/13	Dup	0.2031	0.2046	0.20	Mg/L	WW
Cr	04/14	Dup	0.1970	0.2081	0.20	Mg/L	WW
Cr	04/19	Dup	0.1987	0.2016	0.20	Mg/L	WW
Cr	04/30	Dup	0.2019	0.2036	0.20	Mg/L	WW
Cr	05/05	Dup	0.2038	0.1906	0.20	Mg/L	WW
Cr	05/10	Dup	0.2103	0.2139	0.20	Mg/L	WW
Cr	05/12	Dup	0.2023	0.2038	0.20	Mg/L	WW
Cr	05/16	Dup	0.2054	0.2061	0.20	Mg/L	WW
Cr	05/18	Dup	0.1994	0.2043	0.20	Mg/L	WW
Cr	05/25	Dup	0.1974	0.1971	0.20	Mg/L	WW
Cr	05/30	Dup	0.1965	0.2100	0.20	Mg/L	WW
Cr	06/06	Dup	0.1996	0.1928	0.20	Mg/L	WW
Cr	06/07	Dup	0.2003	0.2095	0.20	Mg/L	WW
Cr	06/08	Dup	0.2214	0.2284	0.20	Mg/L	WW
Cr	06/13	Dup	0.1963	0.2072	0.20	Mg/L	WW
Cr	06/15	Dup	0.2203	0.2276	0.20	Mg/L	WW
Cr	06/16	Dup	0.2111	0.2144	0.20	Mg/L	WW
Cr	06/29	Dup	0.1986	0.2133	0.20	Mg/L	WW
Fe	04/04	Ref	1.0028	0.0000	1.000	ppm	WW
Fe	04/05	Ref	0.9980	0.0000	1.000	ppm	WW
Fe	04/12	Ref	0.9882	0.0000	1.000	ppm	WW
Fe	04/13	Ref	1.0164	0.0000	1.000	ppm	WW
Fe	04/14	Ref	0.9760	0.0000	1.000	ppm	WW
Fe	04/19	Ref	1.0011	0.0000	1.000	ppm	WW
Fe	04/28	Ref	0.9931	0.0000	1.000	ppm	WW
Fe	04/30	Ref	0.9493	0.0000	1.000	ppm	WW
Fe	05/05	Ref	1.0204	0.0000	1.000	ppm	WW
Fe	05/10	Ref	0.9986	0.0000	1.000	ppm	WW
Fe	05/12	Ref	0.9767	0.0000	1.000	ppm	WW
Fe	05/16	Ref	1.0284	0.0000	1.000	ppm	WW
Fe	05/18	Ref	0.9734	0.0000	1.000	ppm	WW
Fe	05/23	Ref	1.0118	0.0000	1.000	ppm	WW
Fe	05/25	Ref	0.9863	0.0000	1.000	ppm	WW
Fe	05/30	Ref	0.9922	0.0000	1.000	ppm	WW
Fe	06/05	Ref	0.9675	0.0000	1.000	ppm	WW
Fe	06/06	Ref	0.9852	0.0000	1.000	ppm	WW
Fe	06/07	Ref	0.9634	0.0000	1.000	ppm	WW
Fe	06/08	Ref	0.9705	0.0000	1.000	ppm	WW
Fe	06/13	Ref	0.9982	0.0000	1.000	ppm	WW
Fe	04/04	Spk	0.0000	0.1960	0.200	Mg/L	WW
Fe	04/05	Spk	0.0000	0.2018	0.200	Mg/L	WW
Fe	04/12	Spk	0.0000	0.1970	0.200	Mg/L	WW
Fe	04/13	Spk	0.0000	0.2028	0.200	Mg/L	WW
Fe	04/14	Spk	0.0000	0.1981	0.200	Mg/L	WW
Fe	04/19	Spk	0.0000	0.2038	0.200	Mg/L	WW
Fe	04/30	Spk	0.0000	0.1624	0.200	Mg/L	WW
Fe	05/05	Spk	0.0000	0.1983	0.200	Mg/L	WW
Fe	05/10	Spk	0.0000	0.2044	0.200	Mg/L	WW

VOLUMETRIC TECHNIQUES, LTD. ** QUALITY CONTROL **

Fe	05/12	Spk	0.0000	0.1999	0.200	Mg/L	WW
Fe	05/16	Spk	0.0000	0.1959	0.200	Mg/L	WW
Fe	05/18	Spk	0.0000	0.1976	0.200	Mg/L	WW
Fe	05/25	Spk	0.0000	0.2010	0.200	Mg/L	WW
Fe	05/30	Spk	0.0000	0.2057	0.200	Mg/L	WW
Fe	06/06	Spk	0.0000	0.1884	0.200	Mg/L	WW
Fe	06/07	Spk	0.0000	0.2026	0.200	Mg/L	WW
Fe	06/08	Spk	0.0000	0.1981	0.200	Mg/L	WW
Fe	06/13	Spk	0.0000	0.1950	0.200	Mg/L	WW
Fe	06/15	Spk	0.0000	0.2129	0.200	Mg/L	WW
Fe	06/16	Spk	0.0000	0.2016	0.200	Mg/L	WW
Fe	06/29	Spk	0.0000	0.1869	0.200	Mg/L	WW
Fe	04/04	Dup	0.1960	0.2050	0.200	Mg/L	WW
Fe	04/05	Dup	0.2018	0.1933	0.200	Mg/L	WW
Fe	04/12	Dup	0.1970	0.2052	0.200	Mg/L	WW
Fe	04/13	Dup	0.2028	0.1967	0.200	Mg/L	WW
Fe	04/14	Dup	0.1981	0.1922	0.200	Mg/L	WW
Fe	04/19	Dup	0.2038	0.1958	0.200	Mg/L	WW
Fe	04/30	Dup	0.1624	0.1566	0.200	Mg/L	WW
Fe	05/05	Dup	0.1983	0.1889	0.200	Mg/L	WW
Fe	05/10	Dup	0.2044	0.2101	0.200	Mg/L	WW
Fe	05/12	Dup	0.1999	0.1936	0.200	Mg/L	WW
Fe	05/16	Dup	0.1959	0.2045	0.200	Mg/L	WW
Fe	05/18	Dup	0.1976	0.1946	0.200	Mg/L	WW
Fe	05/25	Dup	0.2010	0.1939	0.200	Mg/L	WW
Fe	05/30	Dup	0.2057	0.2027	0.200	Mg/L	WW
Fe	06/06	Dup	0.1884	0.1870	0.200	Mg/L	WW
Fe	06/07	Dup	0.2026	0.1938	0.200	Mg/L	WW
Fe	06/08	Dup	0.1981	0.1946	0.200	Mg/L	WW
Fe	06/13	Dup	0.1950	0.1941	0.200	Mg/L	WW
Fe	06/15	Dup	0.2129	0.2235	0.200	Mg/L	WW
Fe	06/16	Dup	0.2016	0.2046	0.200	Mg/L	WW
Fe	06/29	Dup	0.1860	0.1869	0.200	Mg/L	WW
Ni	04/04	Ref	0.9981	0.0000	1.000	ppm	WW
Ni	04/05	Ref	0.9993	0.0000	1.000	ppm	WW
Ni	04/12	Ref	0.9993	0.0000	1.000	ppm	WW
Ni	04/13	Ref	1.0242	0.0000	1.000	ppm	WW
Ni	04/14	Ref	0.9769	0.0000	1.000	ppm	WW
Ni	04/19	Ref	1.0208	0.0000	1.000	ppm	WW
Ni	04/28	Ref	0.9858	0.0000	1.000	ppm	WW
Ni	04/30	Ref	0.9977	0.0000	1.000	ppm	WW
Ni	05/05	Ref	1.0041	0.0000	1.000	ppm	WW
Ni	05/10	Ref	1.0177	0.0000	1.000	ppm	WW
Ni	05/12	Ref	0.9975	0.0000	1.000	ppm	WW
Ni	05/16	Ref	1.0167	0.0000	1.000	ppm	WW
Ni	05/18	Ref	0.9829	0.0000	1.000	ppm	WW
Ni	05/23	Ref	1.0340	0.0000	1.000	ppm	WW
Ni	05/25	Ref	1.0230	0.0000	1.000	ppm	WW
Ni	05/30	Ref	0.9992	0.0000	1.000	ppm	WW
Ni	06/05	Ref	0.9768	0.0000	1.000	ppm	WW
Ni	06/06	Ref	0.9853	0.0000	1.000	ppm	WW
Ni	06/07	Ref	0.9826	0.0000	1.000	ppm	WW
Ni	06/08	Ref	0.9812	0.0000	1.000	ppm	WW
Ni	06/13	Ref	0.9693	0.0000	1.000	ppm	WW
Ni	04/04	Spk	0.0000	0.2034	0.200	Mg/L	WW
Ni	04/05	Spk	0.0000	0.1994	0.200	Mg/L	WW
Ni	04/12	Spk	0.0000	0.1977	0.200	Mg/L	WW
Ni	04/13	Spk	0.0000	0.1990	0.200	Mg/L	WW
Ni	04/14	Spk	0.0000	0.2002	0.200	Mg/L	WW
Ni	04/19	Spk	0.0000	0.2063	0.200	Mg/L	WW

VOLUMETRIC TECHNIQUES, LTD. ** QUALITY CONTROL **

Ni	04/30	Spk	0.0000	0.1986	0.200	Mg/L	WW
Ni	05/05	Spk	0.0000	0.1913	0.200	Mg/L	WW
Ni	05/10	Spk	0.0000	0.2100	0.200	Mg/L	WW
Ni	05/12	Spk	0.0000	0.1934	0.200	Mg/L	WW
Ni	05/16	Spk	0.0000	0.2037	0.200	Mg/L	WW
Ni	05/18	Spk	0.0000	0.1997	0.200	Mg/L	WW
Ni	05/25	Spk	0.0000	0.2027	0.200	Mg/L	WW
Ni	05/30	Spk	0.0000	0.2018	0.200	Mg/L	WW
Ni	06/06	Spk	0.0000	0.2034	0.200	Mg/L	WW
Ni	06/07	Spk	0.0000	0.2057	0.200	Mg/L	WW
Ni	06/08	Spk	0.0000	0.1875	0.200	Mg/L	WW
Ni	06/13	Spk	0.0000	0.2035	0.200	Mg/L	WW
Ni	06/15	Spk	0.0000	0.2198	0.200	Mg/L	WW
Ni	06/16	Spk	0.0000	0.2014	0.200	Mg/L	WW
Ni	06/29	Spk	0.0000	0.2155	0.200	Mg/L	WW
Ni	04/04	Dup	0.2034	0.1958	0.200	Mg/L	WW
Ni	04/05	Dup	0.1994	0.1938	0.200	Mg/L	WW
Ni	04/12	Dup	0.1977	0.1951	0.200	Mg/L	WW
Ni	04/13	Dup	0.1990	0.2047	0.200	Mg/L	WW
Ni	04/14	Dup	0.2002	0.1982	0.200	Mg/L	WW
Ni	04/19	Dup	0.2063	0.2122	0.200	Mg/L	WW
Ni	04/30	Dup	0.1986	0.2116	0.200	Mg/L	WW
Ni	05/05	Dup	0.1913	0.1846	0.200	Mg/L	WW
Ni	05/10	Dup	0.2100	0.2257	0.200	Mg/L	WW
Ni	05/12	Dup	0.1934	0.2082	0.200	Mg/L	WW
Ni	05/16	Dup	0.2037	0.2121	0.200	Mg/L	WW
Ni	05/18	Dup	0.1997	0.1840	0.200	Mg/L	WW
Ni	05/25	Dup	0.2027	0.2250	0.200	Mg/L	WW
Ni	05/30	Dup	0.2018	0.2018	0.200	Mg/L	WW
Ni	06/06	Dup	0.2034	0.1881	0.200	Mg/L	WW
Ni	06/07	Dup	0.2057	0.2097	0.200	Mg/L	WW
Ni	06/08	Dup	0.1875	0.2228	0.200	Mg/L	WW
Ni	06/13	Dup	0.2035	0.1893	0.200	Mg/L	WW
Ni	06/15	Dup	0.2198	0.2222	0.200	Mg/L	WW
Ni	06/16	Dup	0.2014	0.2086	0.200	Mg/L	WW
Ni	06/29	Dup	0.2355	0.2155	0.200	Mg/L	WW
Ba	05/05	Ref	1.0322	0.0000	1.000	ppm	WW
Ba	05/10	Ref	1.1076	0.0000	1.000	ppm	WW
Ba	05/12	Ref	0.9976	0.0000	1.000	ppm	WW
Ba	05/18	Ref	0.9942	0.0000	1.000	ppm	WW
Ba	05/23	Ref	1.0125	0.0000	1.000	ppm	WW
Ba	05/25	Ref	1.0064	0.0000	1.000	ppm	WW
Ba	05/30	Ref	1.0105	0.0000	1.000	ppm	WW
Ba	06/05	Ref	0.9904	0.0000	1.000	ppm	WW
Ba	06/06	Ref	1.0066	0.0000	1.000	ppm	WW
Ba	06/07	Ref	0.9981	0.0000	1.000	ppm	WW
Ba	06/13	Ref	1.0089	0.0000	1.000	ppm	WW
Ba	06/15	Ref	1.0945	0.0000	1.000	ppm	WW
Ba	06/29	Ref	1.0075	0.0000	1.000	ppm	WW
Ba	05/05	Spk	0.0000	0.1974	0.200	Mg/L	WW
Ba	05/10	Spk	0.0000	0.2191	0.200	Mg/L	WW
Ba	05/12	Spk	0.0000	0.2022	0.200	Mg/L	WW
Ba	05/18	Spk	0.0000	0.2025	0.200	Mg/L	WW
Ba	05/25	Spk	0.0000	0.2021	0.200	Mg/L	WW
Ba	05/30	Spk	0.0000	0.2010	0.200	Mg/L	WW
Ba	06/06	Spk	0.0000	0.2016	0.200	Mg/L	WW
Ba	06/07	Spk	0.0000	0.2026	0.200	Mg/L	WW
Ba	06/13	Spk	0.0000	0.2032	0.200	Mg/L	WW
Ba	06/15	Spk	0.0000	0.2405	0.200	Mg/L	WW
Ba	06/29	Spk	0.0000	0.2020	0.200	Mg/L	WW

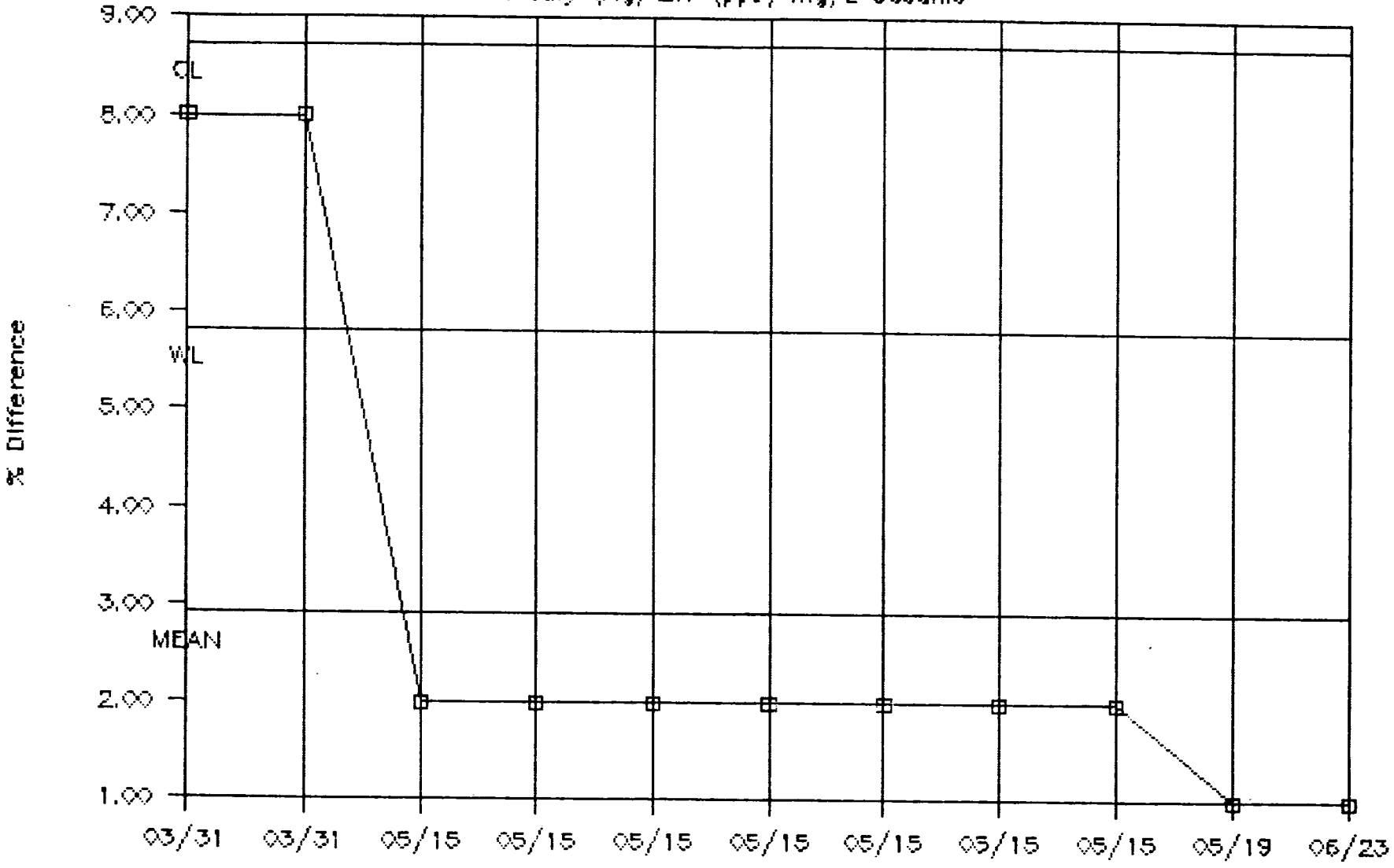
VOLUMETRIC TECHNIQUES, LTD. ** QUALITY CONTROL **

Ba	05/05	Dup	0.1974	0.1825	0.200	Mg/L	WW
Ba	05/10	Dup	0.2191	0.2408	0.200	Mg/L	WW
Ba	05/12	Dup	0.2022	0.2061	0.200	Mg/L	WW
Ba	05/18	Dup	0.2025	0.2024	0.200	Mg/L	WW
Ba	05/23	Dup	0.0000	0.0000	0.200	Mg/L	WW
Ba	05/25	Dup	0.2021	0.2048	0.200	Mg/L	WW
Ba	05/30	Dup	0.2010	0.2013	0.200	Mg/L	WW
Ba	06/05	Dup	0.0000	0.0000	0.200	Mg/L	WW
Ba	06/06	Dup	0.2016	0.2045	0.200	Mg/L	WW
Ba	06/07	Dup	0.2026	0.2058	0.200	Mg/L	WW
Ba	06/13	Dup	0.2032	0.2059	0.200	Mg/L	WW
Ba	06/15	Dup	0.2405	0.2407	0.200	Mg/L	WW
Ba	06/16	Dup	0.2188	0.2223	0.200	Mg/L	WW
Ba	06/29	Dup	0.2098	0.2020	0.200	Mg/L	WW

ABR.	COMPOUND
1,1-DCP	1,1- Dichloropropene
1,2,3-TCB	1,2,3- Trichlorobenzene
1,2,3-TCP	1,2,3- Trichloropropane
1,2,4-TCB	1,2,4- Trichlorobenzene
1,2,4-TMB	1,2,4- Trimethylbenzene
1,3,5-TMB	1,3,5- Trimethylbenzene
1,3-DCP	1,3- Dichloropropane
1-CCH-1	1- Chlorocyclohexene-1
2,2-DCP	2,2- Dichloropropane
2,3-BF	2,3- Benzofuran
2-CEVE	2- Chloroethylvinyl ether
2-CT	2- Chlorotoluene
4-CT	4- Chlorotoluene
AA	cis-1,3- Dichloropropene
B	1,1- Dichloroethene
BB	Bromobenzene
BCM	Bromochloromethane
BEN	Benzene
BM	Bromomethane
C	Methylene chloride
CC	1,1,2,2- Tetrachloroethane
CE	Chloroethane
CM	Chloromethane
CPB	Cyclopropylbenzene
D	trans-1,2- Dichloroethene
DBM	Dibromomethane
DCDFM	Dichlorodifluoromethane
D/F	cis-trans-1,2Dichloroethylene
E	1,1- Dichloroethane
EDB	1,2- Dibromoethane
EDCP	1,2- Dibromo-3-chloropropane
ET-B	Ethylbenzene
F	cis-1,2- Dichloroethene
G	Chloroform
H	1,2- Dichloroethane
HCBD	Hexachlorobutadiene
I	1,1,1- Trichloroethane
IPB	Isopropylbenzene
J	Carbon tetrachloride
K	Trichloroethene
L	Bromodichloromethane
M	1,1,2- Trichloroethane
MM	Trichlorofluoromethane
M-DCB	1,3- Dichlorobenzene
M-XY	m- Xylene
N	Tetrachloroethene
NAP	Naphthalene
n-BB	n- Butylbenzene
N-PB	n- Propylbenzene
O	Dibromochloromethane
O-DCB	1,2- Dichlorobenzene
O-XY	o- Xylene
P	Bromoform
P-BFB	p- Bromofluorobenzene
P-CY	p- Cymene
P-DCB	1,4- Dichlorobenzene
P-IPT	p- Isopropyltoluene
P-XY	p- Xylene
Q	Chlorobenzene
STY	Styrene
s-BB	sec- Butylbenzene

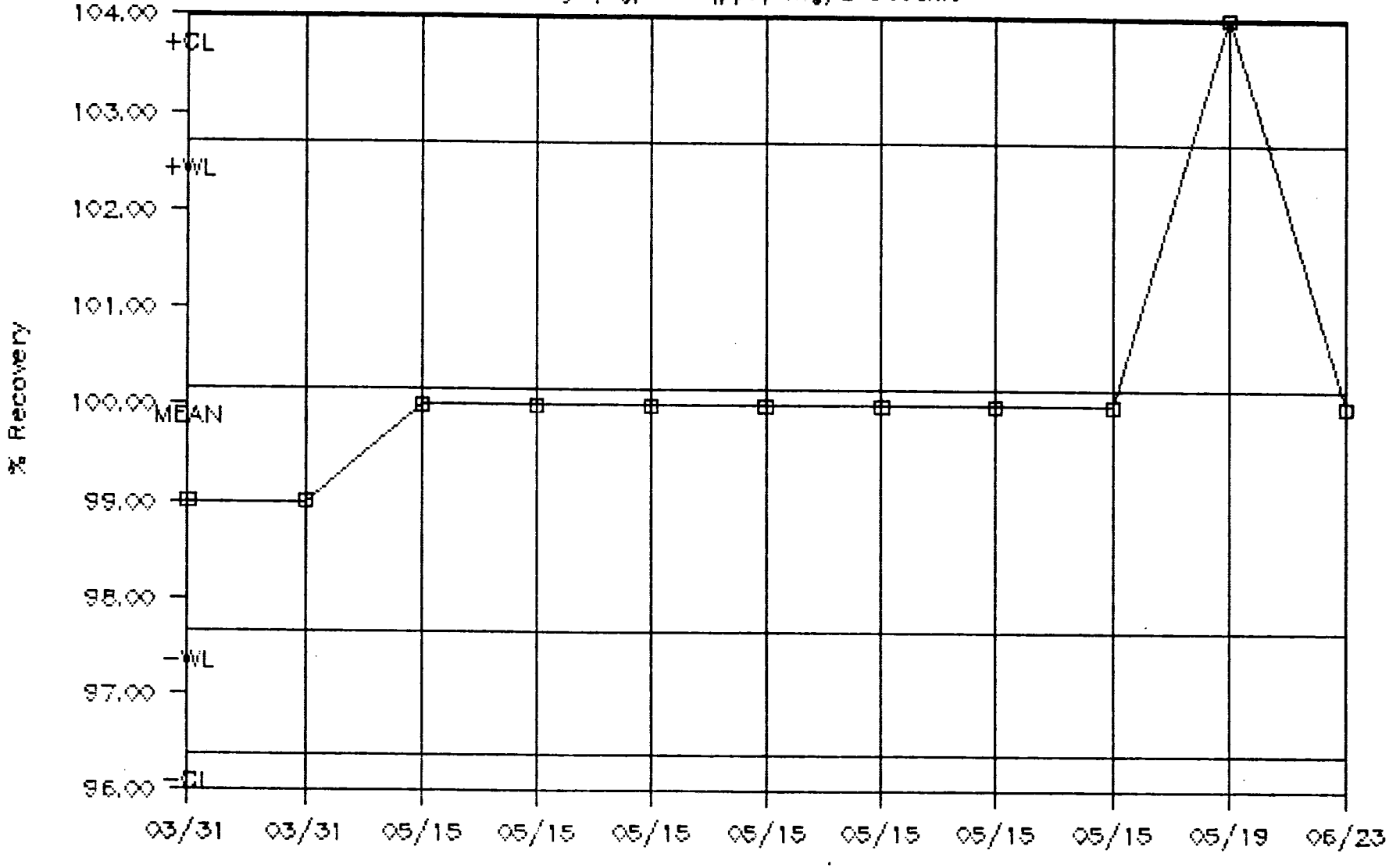
Duplicate Control Chart

Mercury (Hg) 2.0 (ppb) mg/L Oceanic



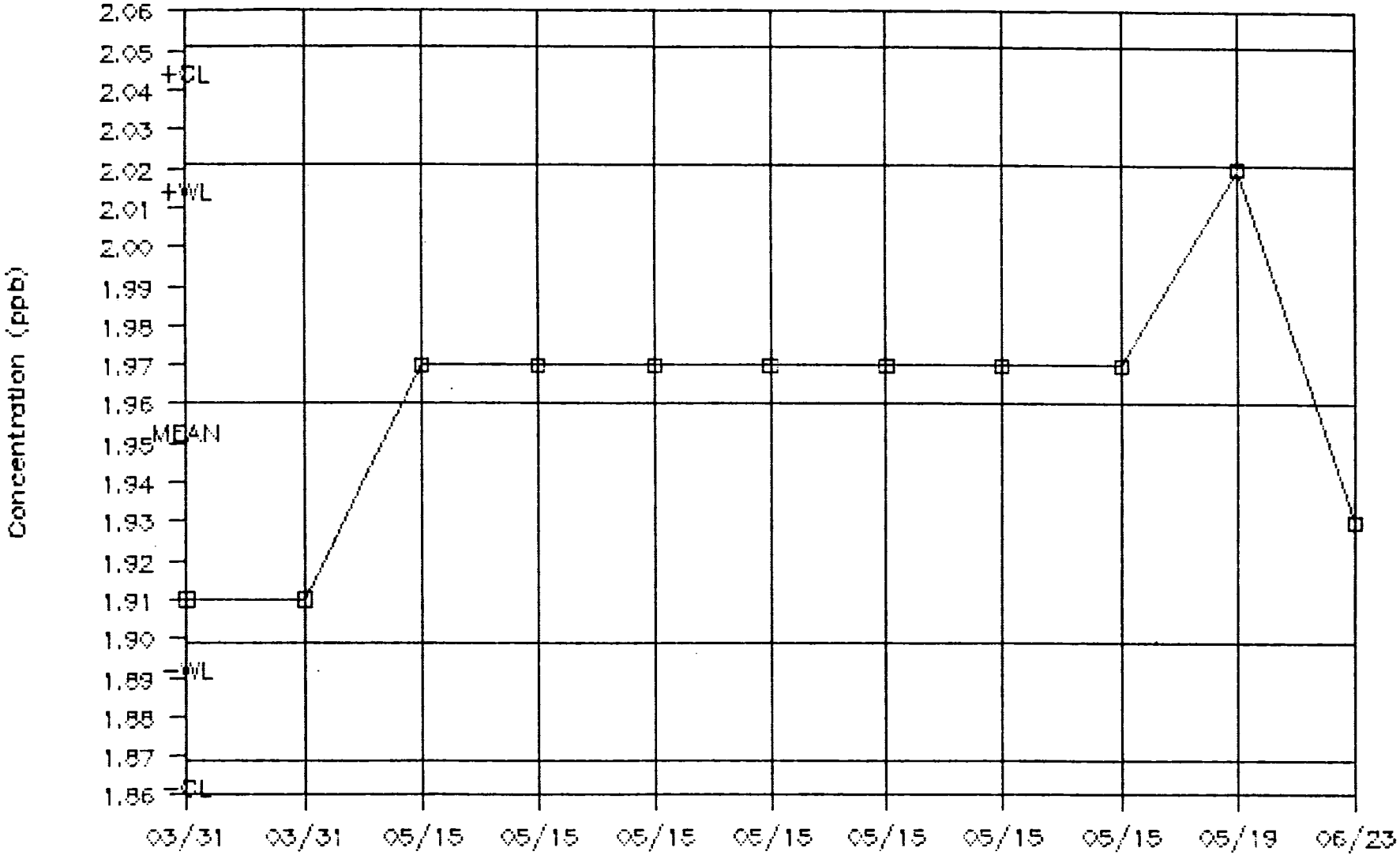
Spike Recovery Control Chart

Mercury (Hg) 2.0 (ppb) mg/L Oceanic



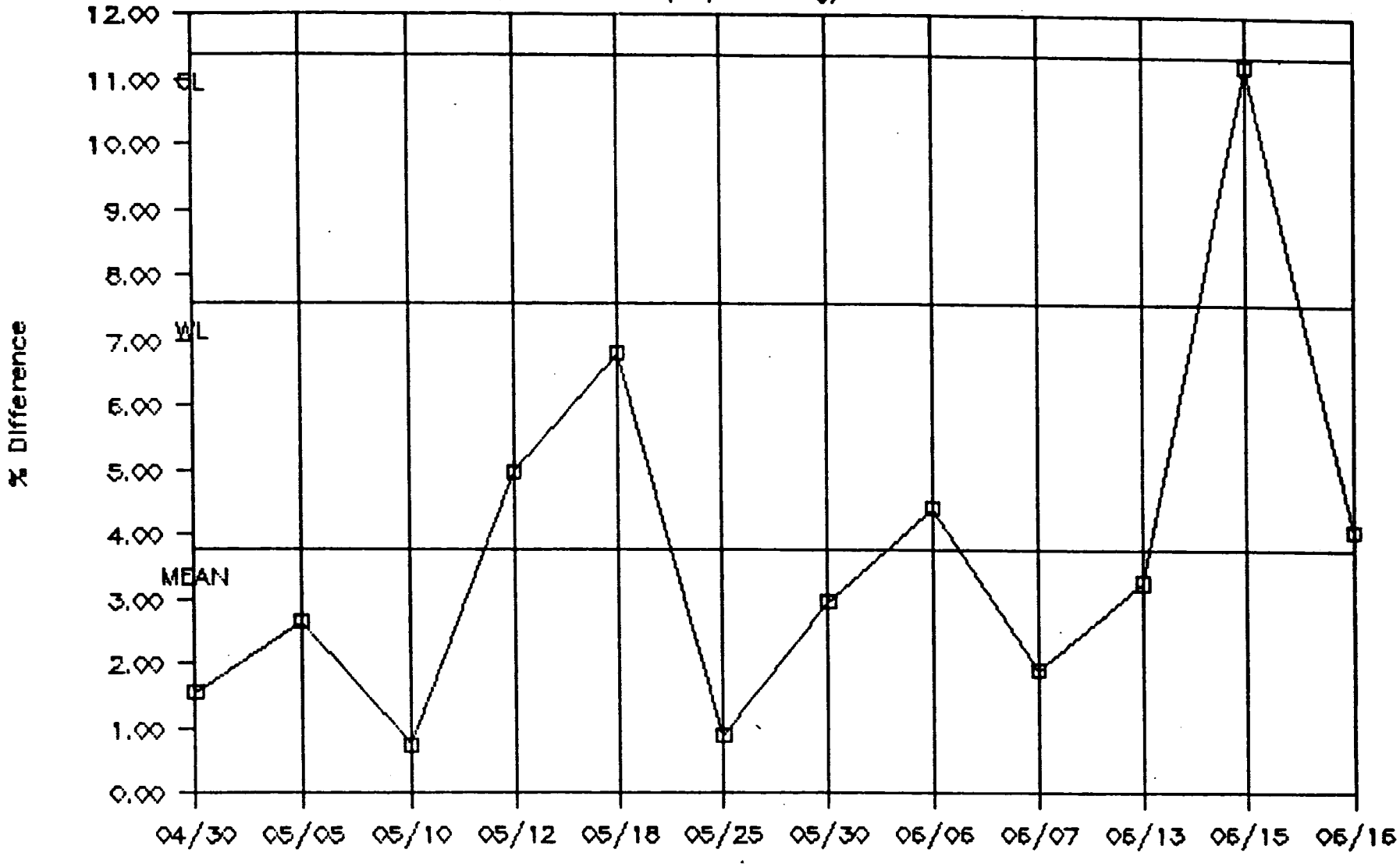
Reference Control Chart

Mercury (Hg) 2.0 mg/L (ppb) Oceanic



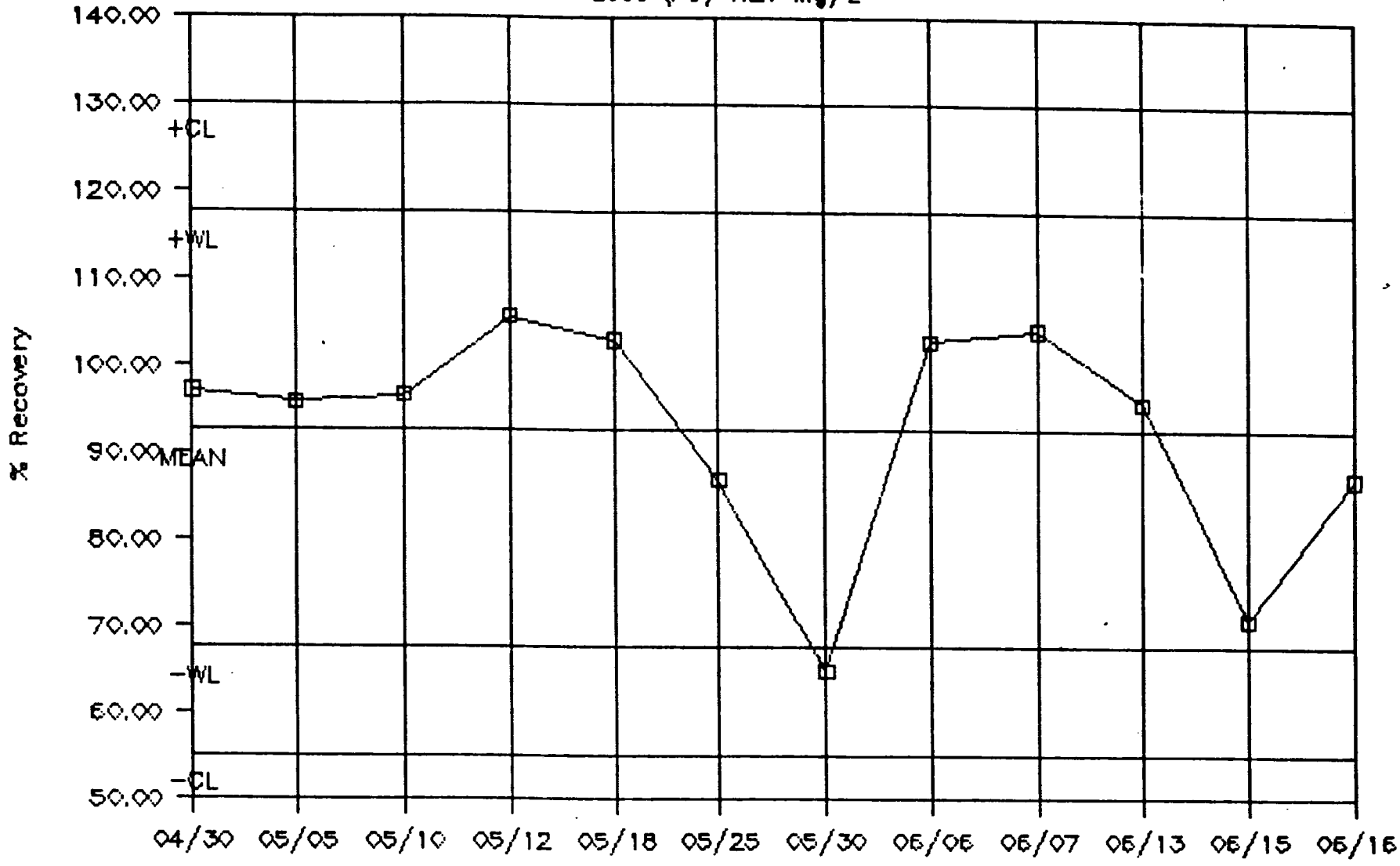
Duplicate Control Chart

Lead (Pb) 0.20 Mg/L



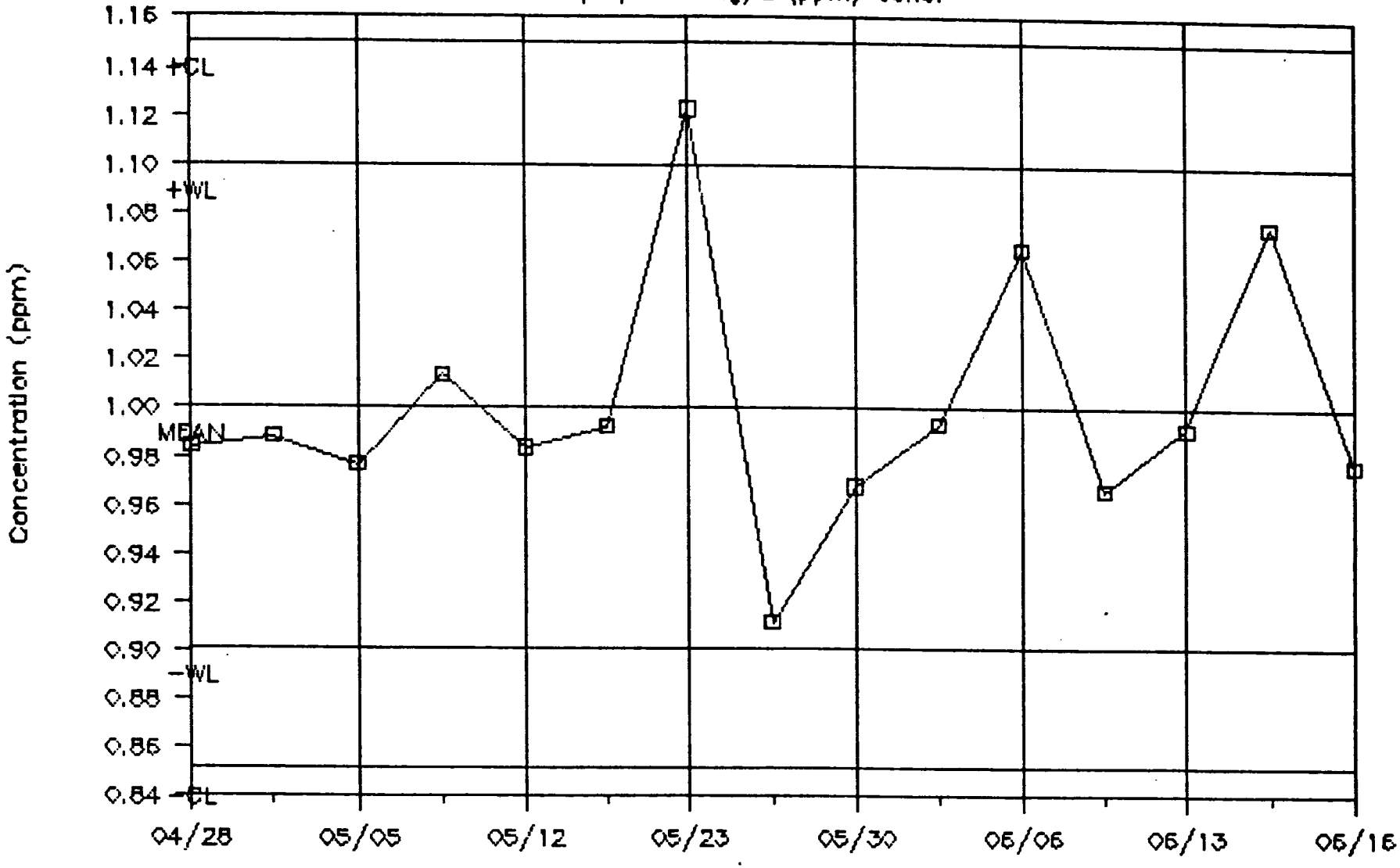
Spike Recovery Control Chart

Lead (Pb) 0.20 Mg/L



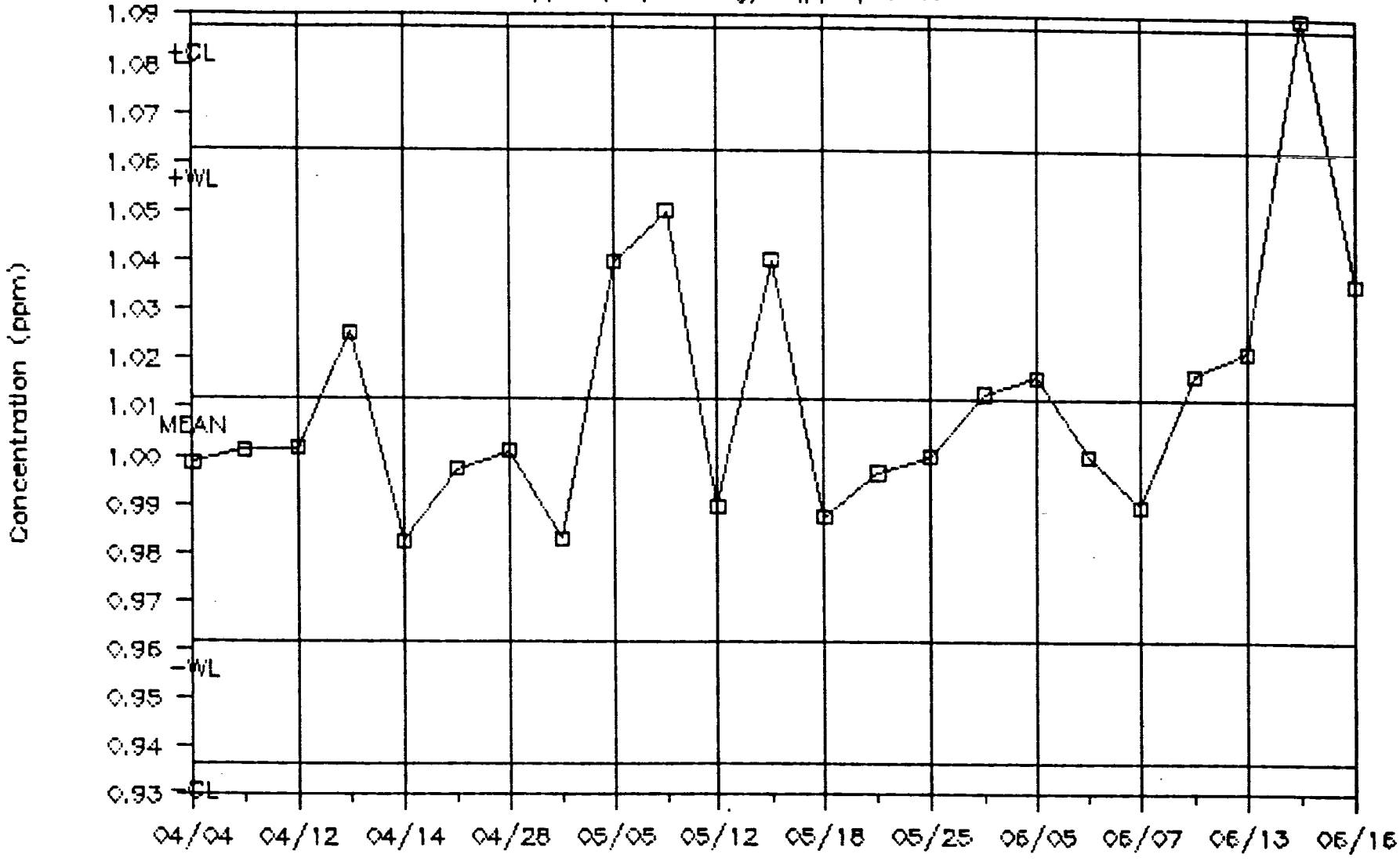
Reference Control Chart

Lead (Pb) 1.00 Mg/L (ppm) Conc.



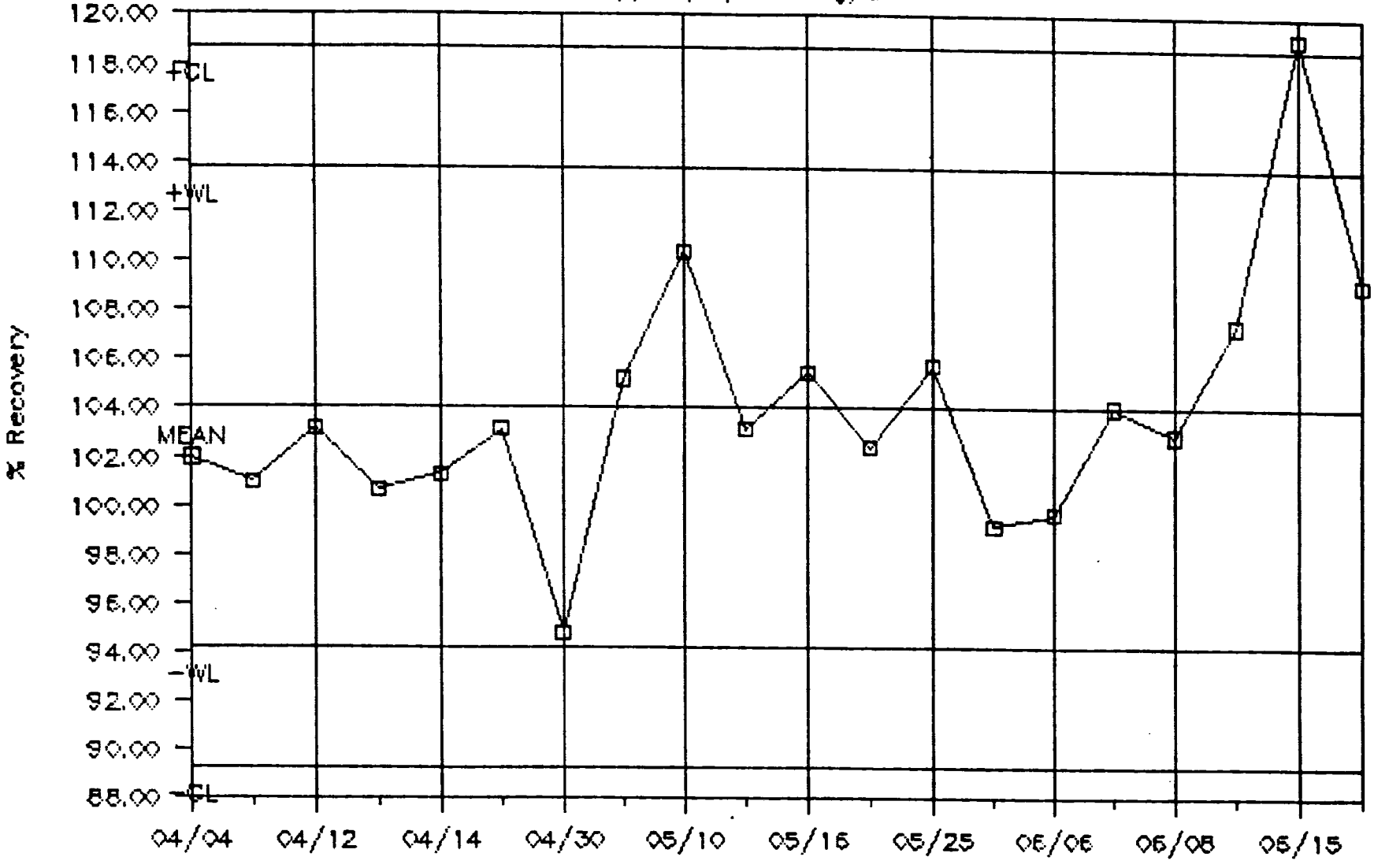
Reference Control Chart

Copper (Cu) 1.0 Mg/L (ppm) Conc.



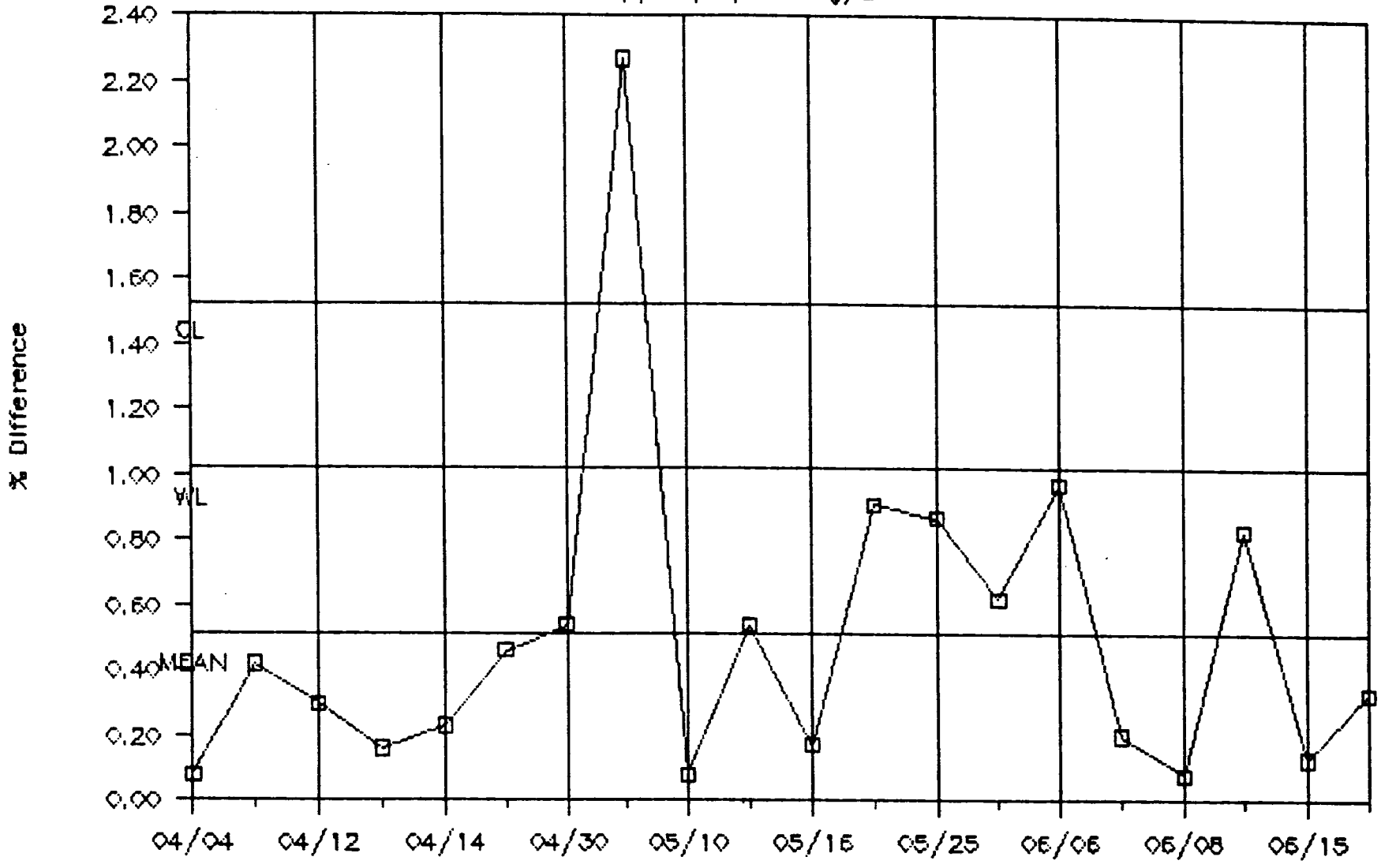
Spike Recovery Control Chart

Copper (Cu) 0.2 Mg/L



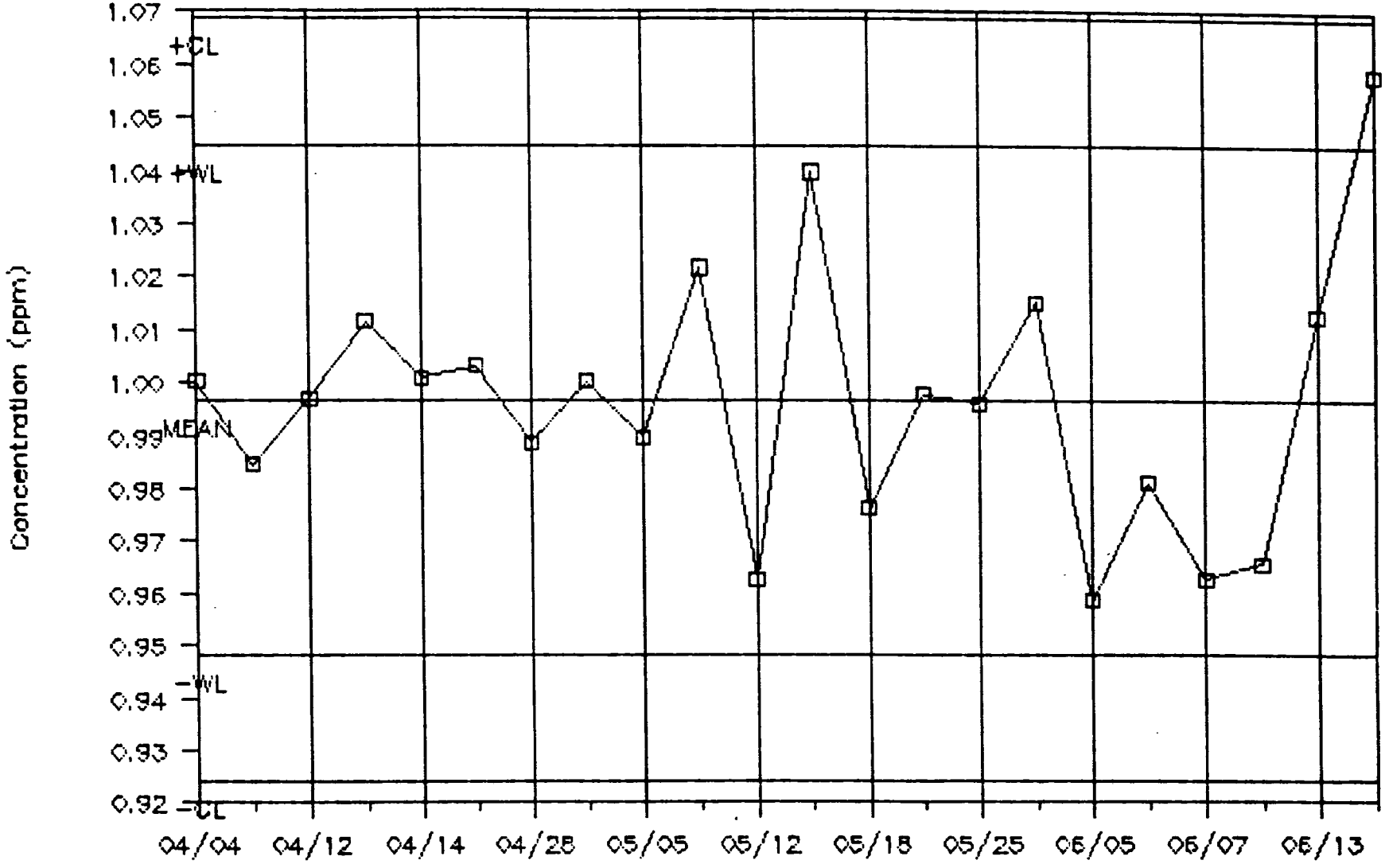
Duplicate Control Chart

Copper (Cu) 0.2 Mg/L



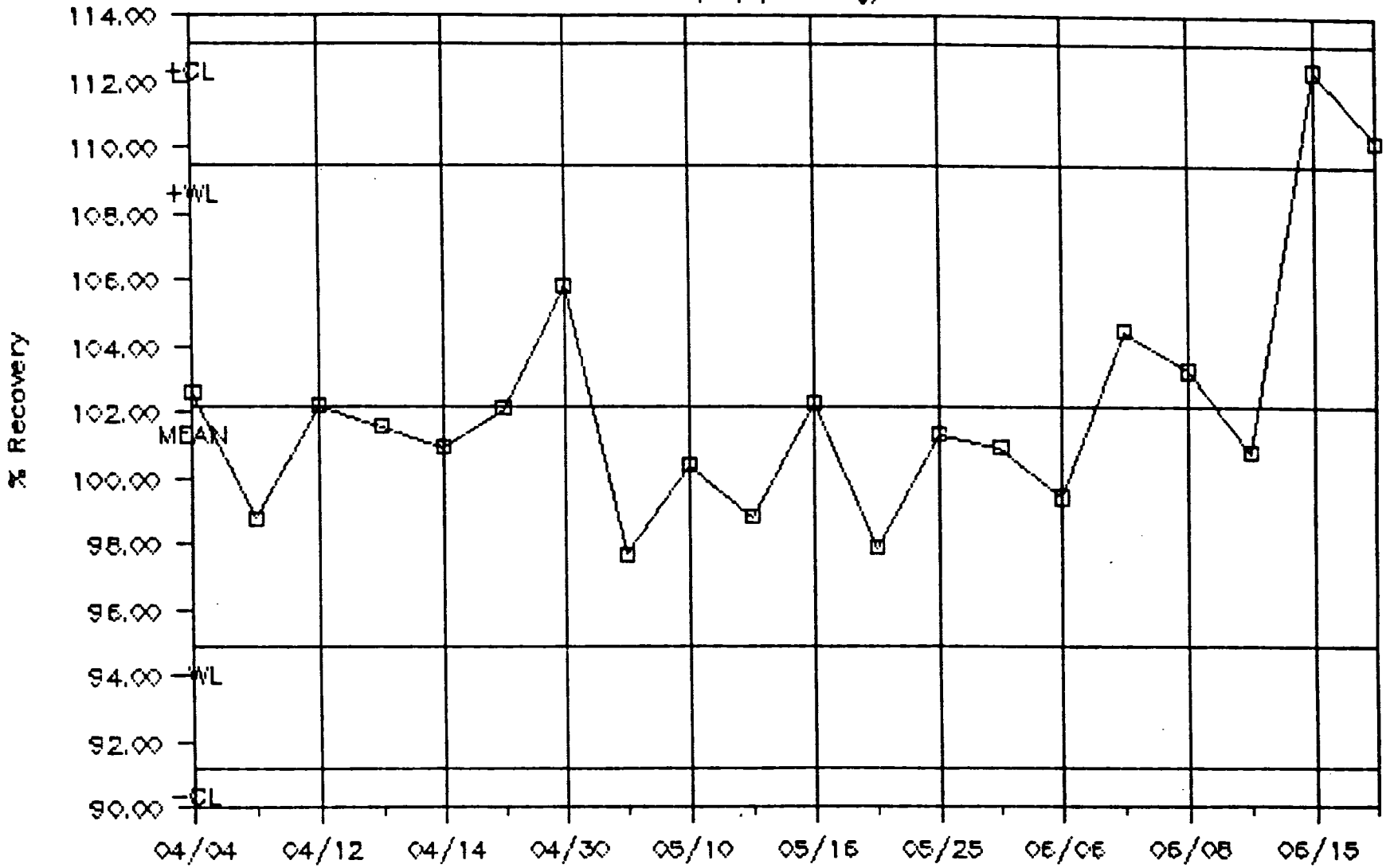
Reference Control Chart

Cadmium (Cd) 1.0 Mg/L (ppm) Conc.



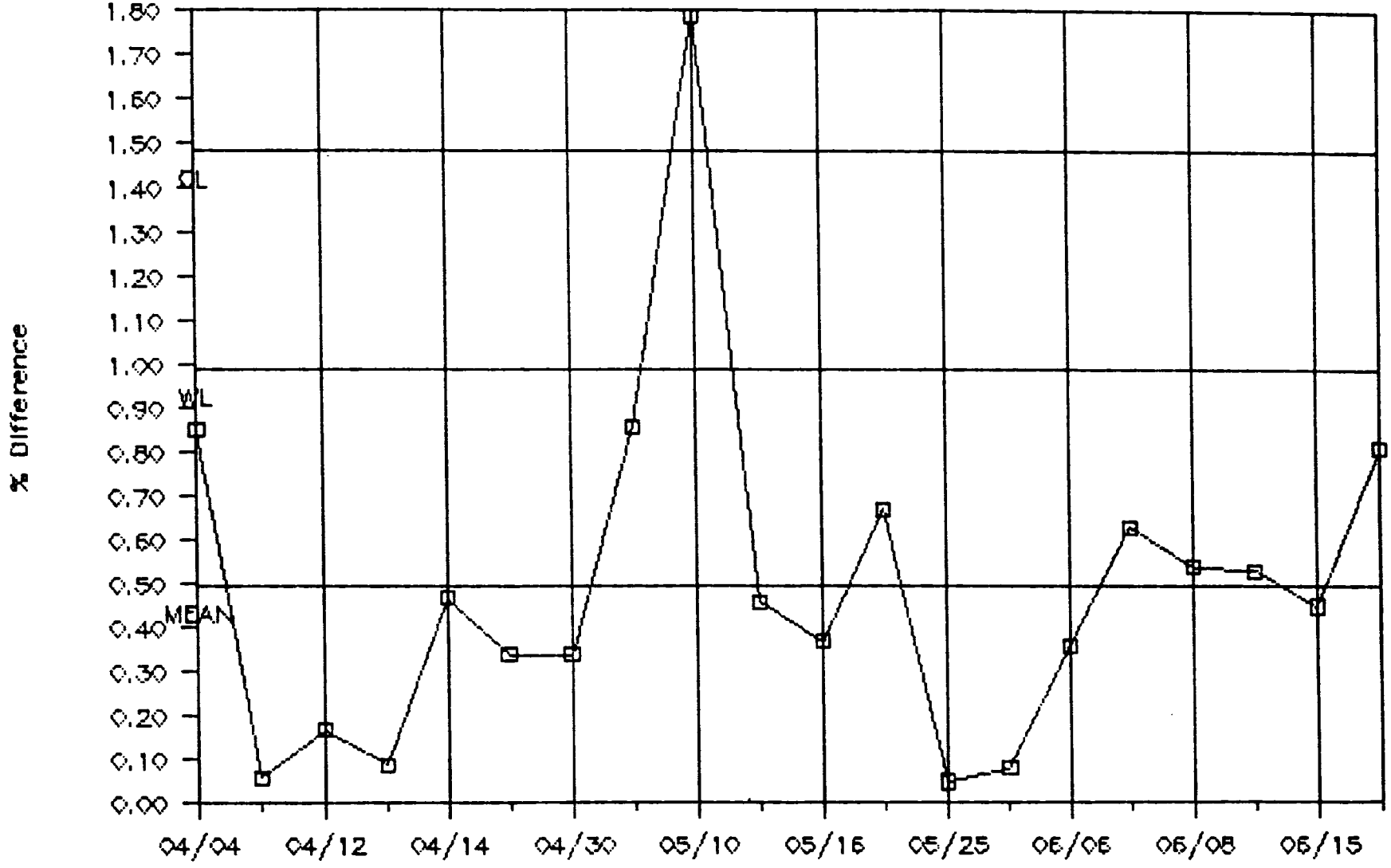
Spike Recovery Control Chart

Cadmium (Cd)) 0.2 Mg/L



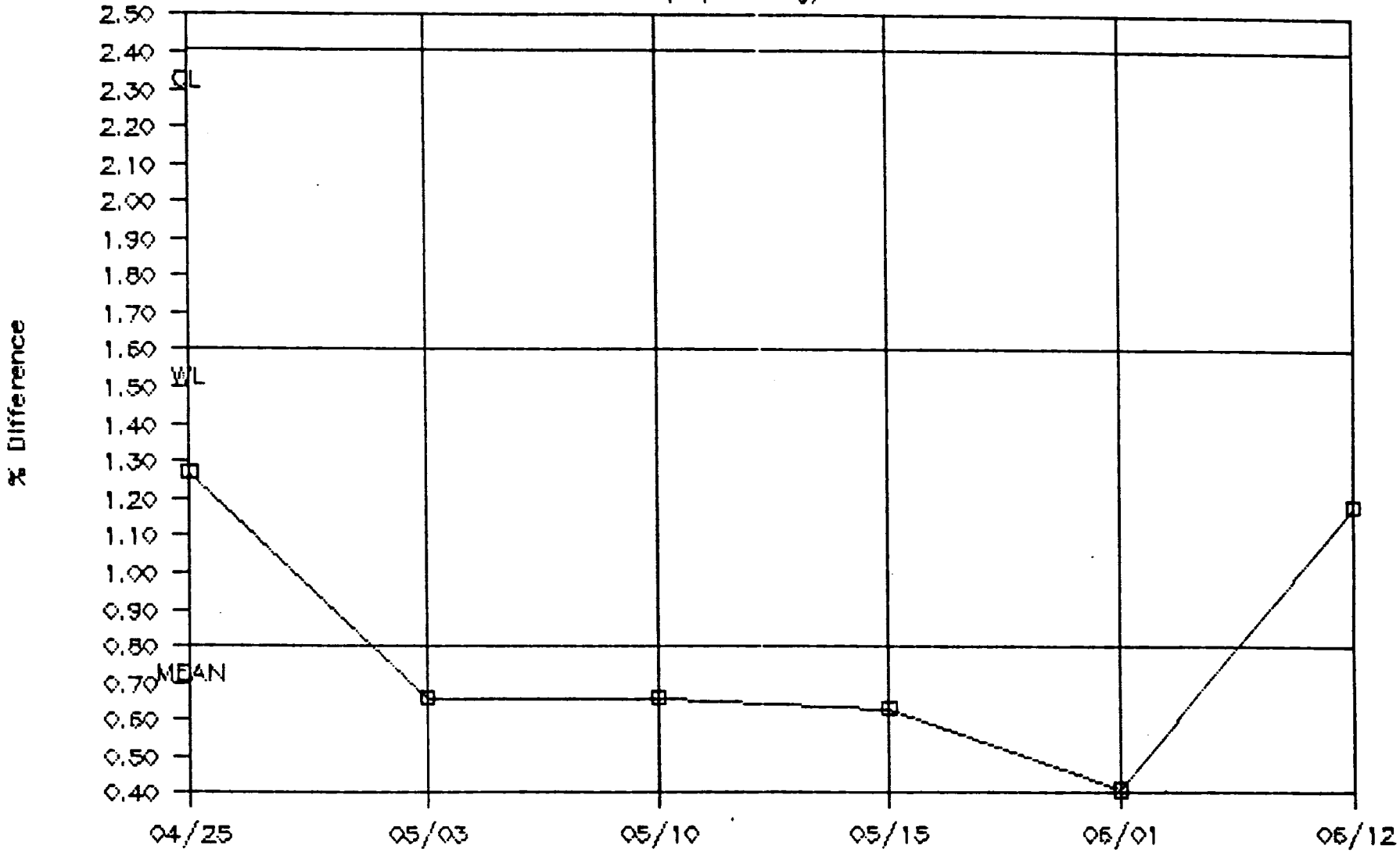
Duplicate Control Chart

Cadmium (Cd) 0.2 Mg/L



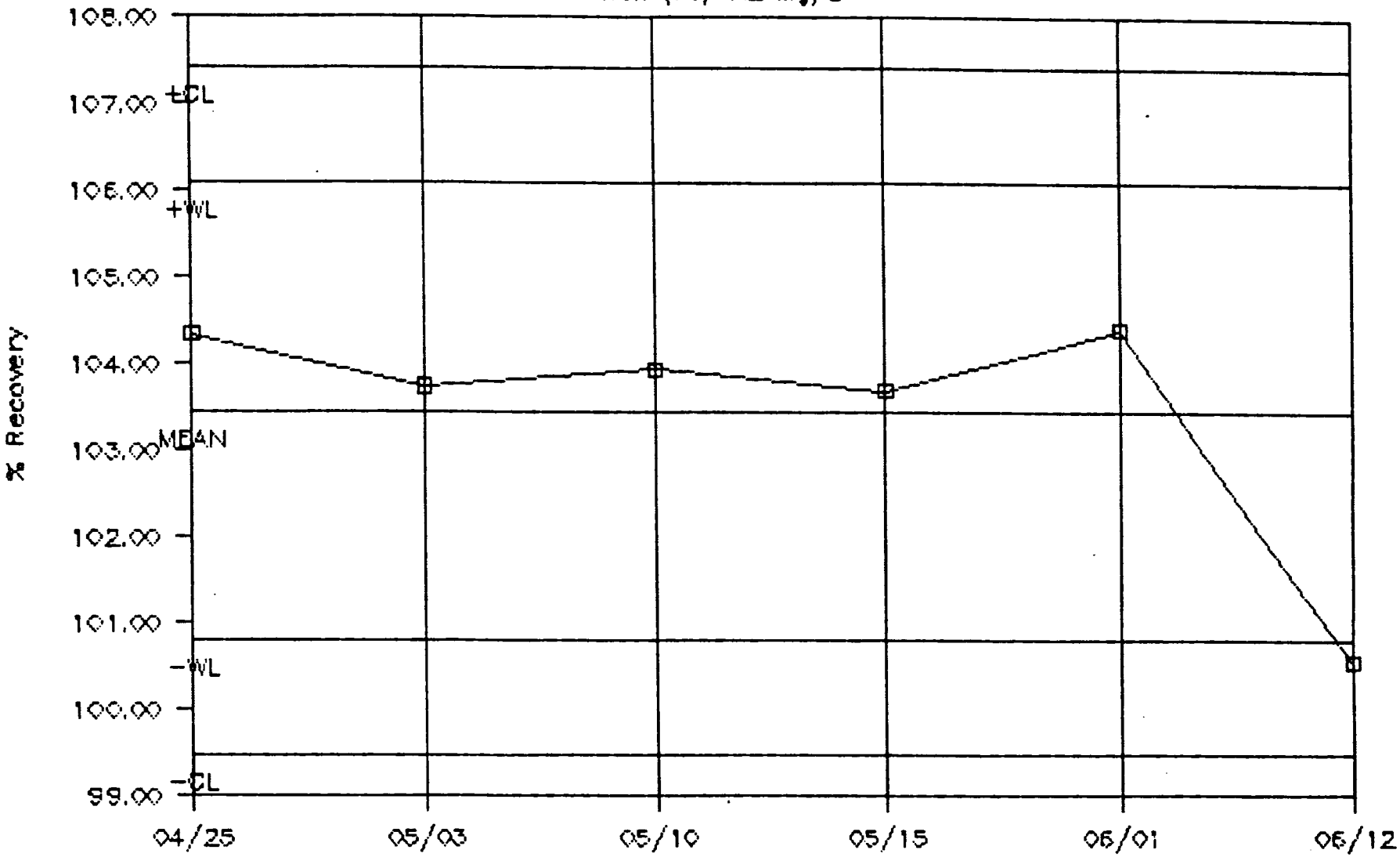
Duplicate Control Chart

Iron (Fe) 0.2: Mg/L



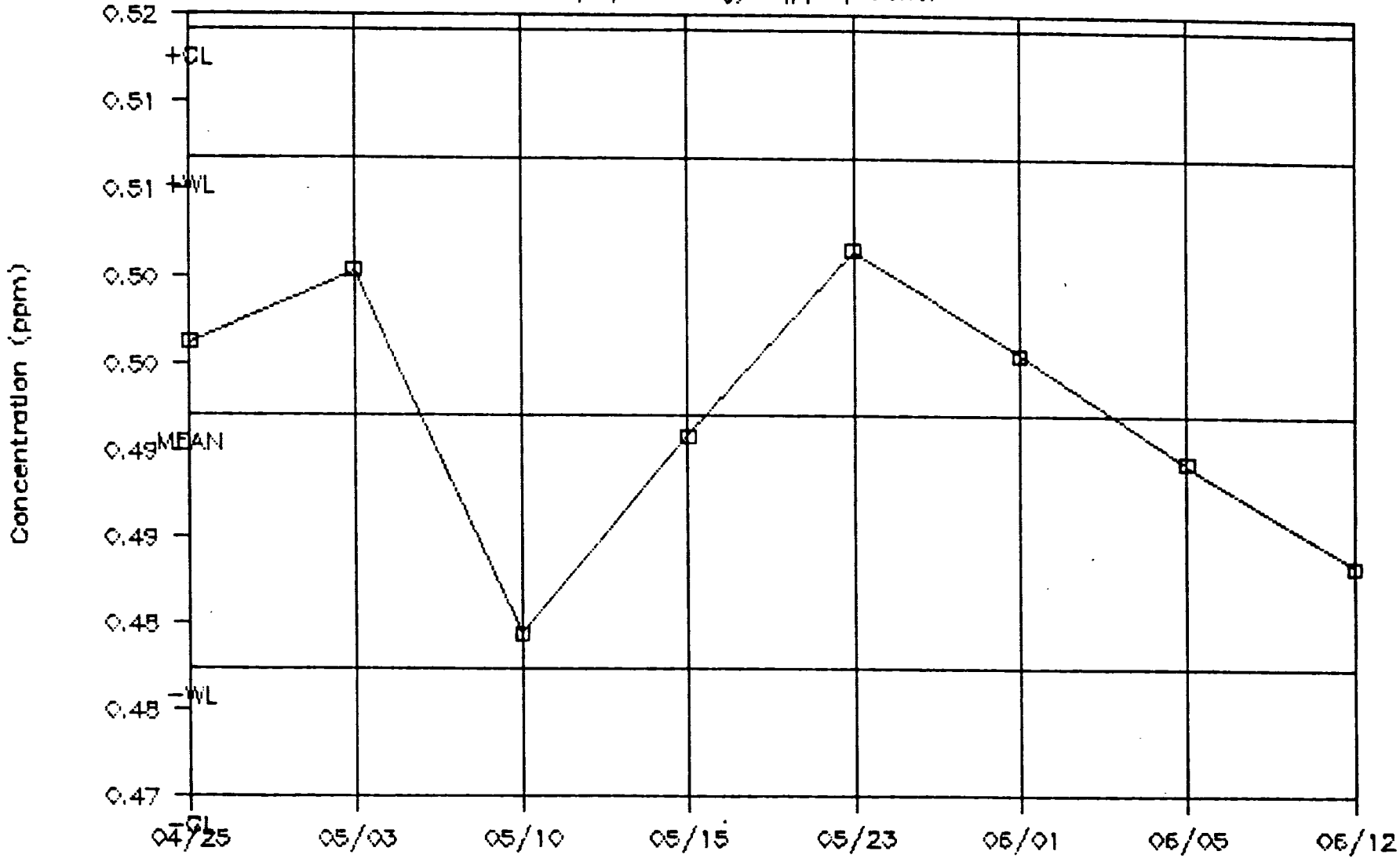
Spike Recovery Control Chart

Iron (Fe) 0.2 Mg/L



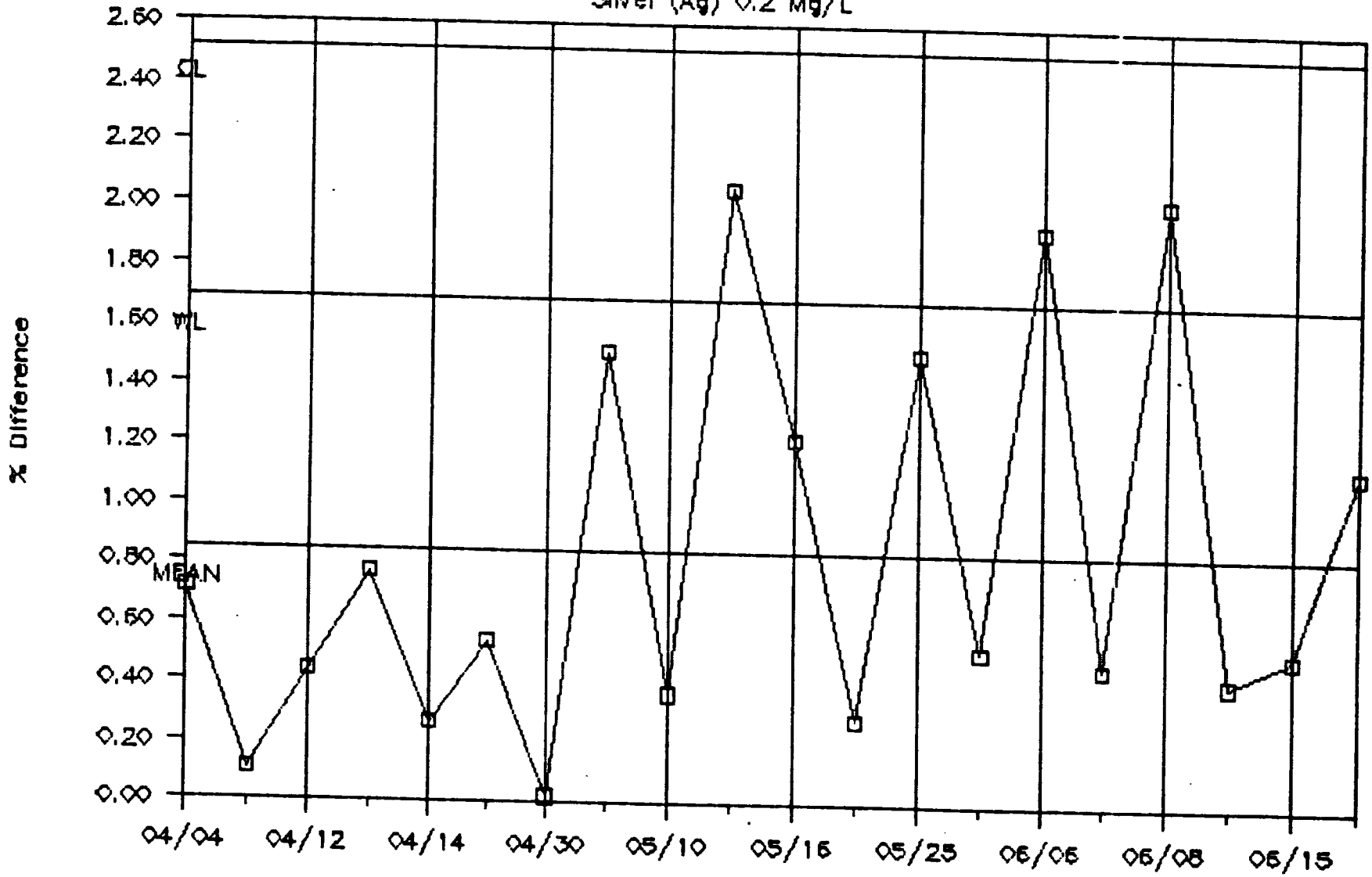
Reference Control Chart

Iron (Fe) 0.50 Mg/L (ppm) Conc.



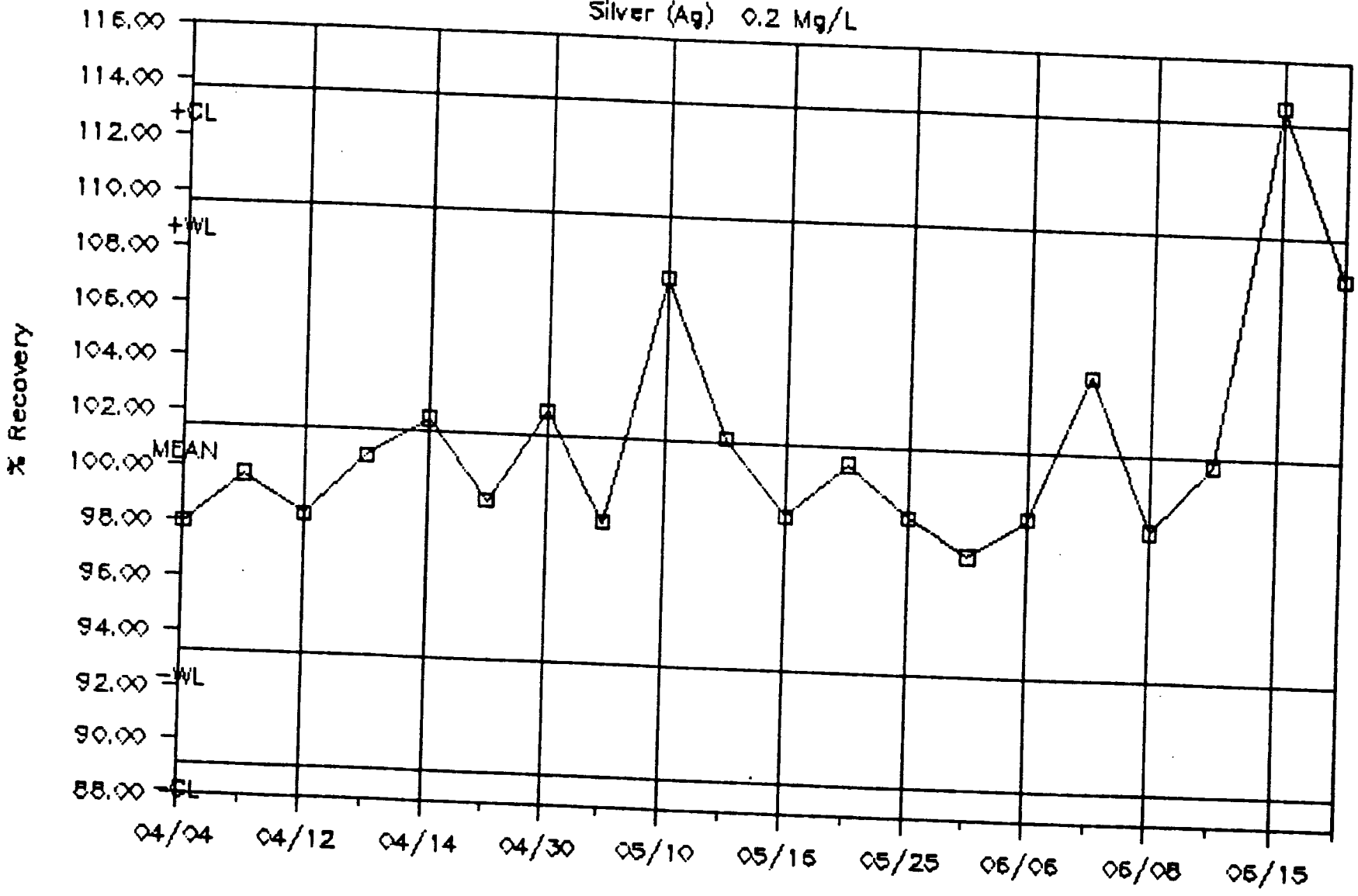
Duplicate Control Chart

Silver (Ag) 0.2 Mg/L



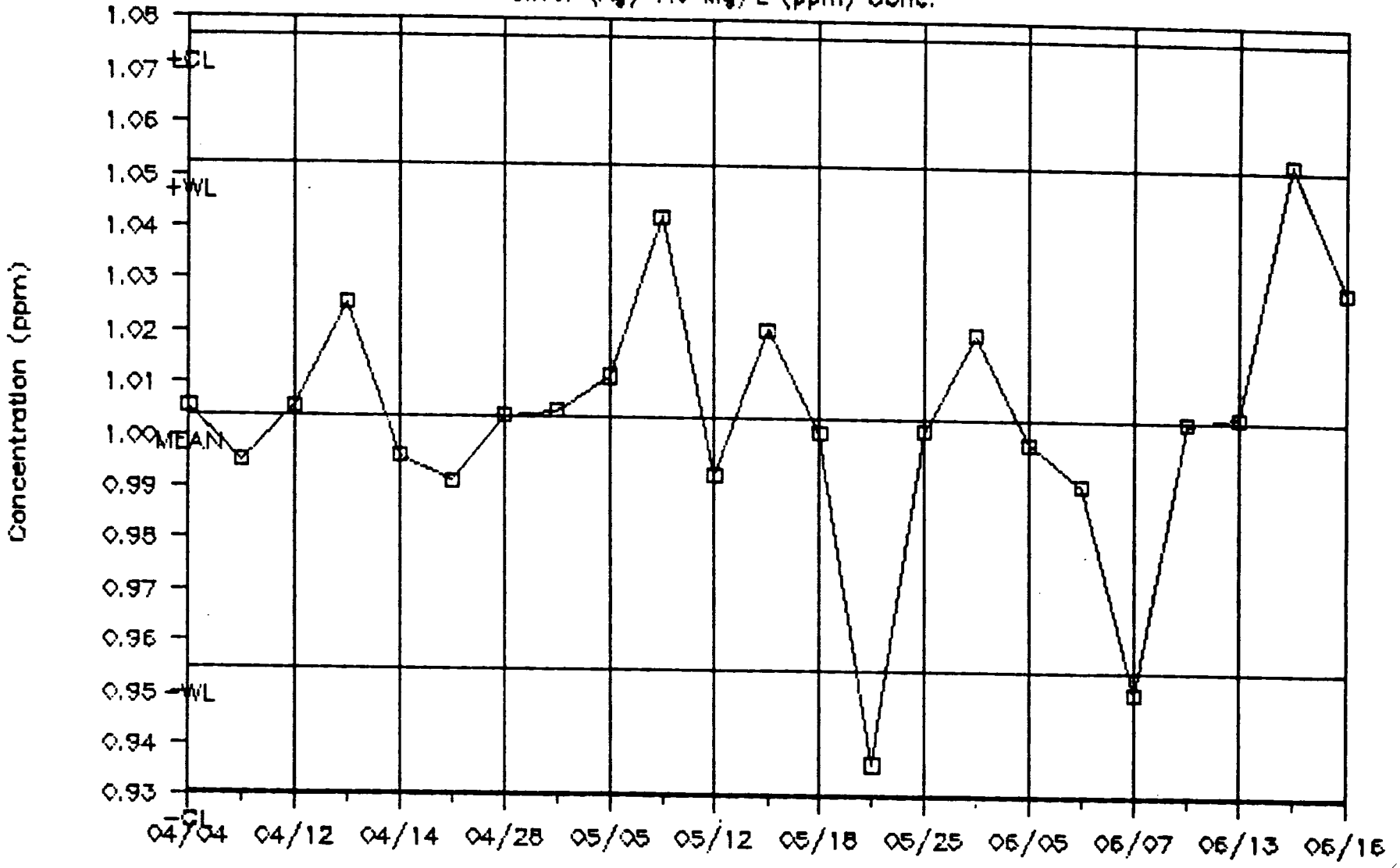
Spike Recovery Control Chart

Silver (Ag) 0.2 Mg/L



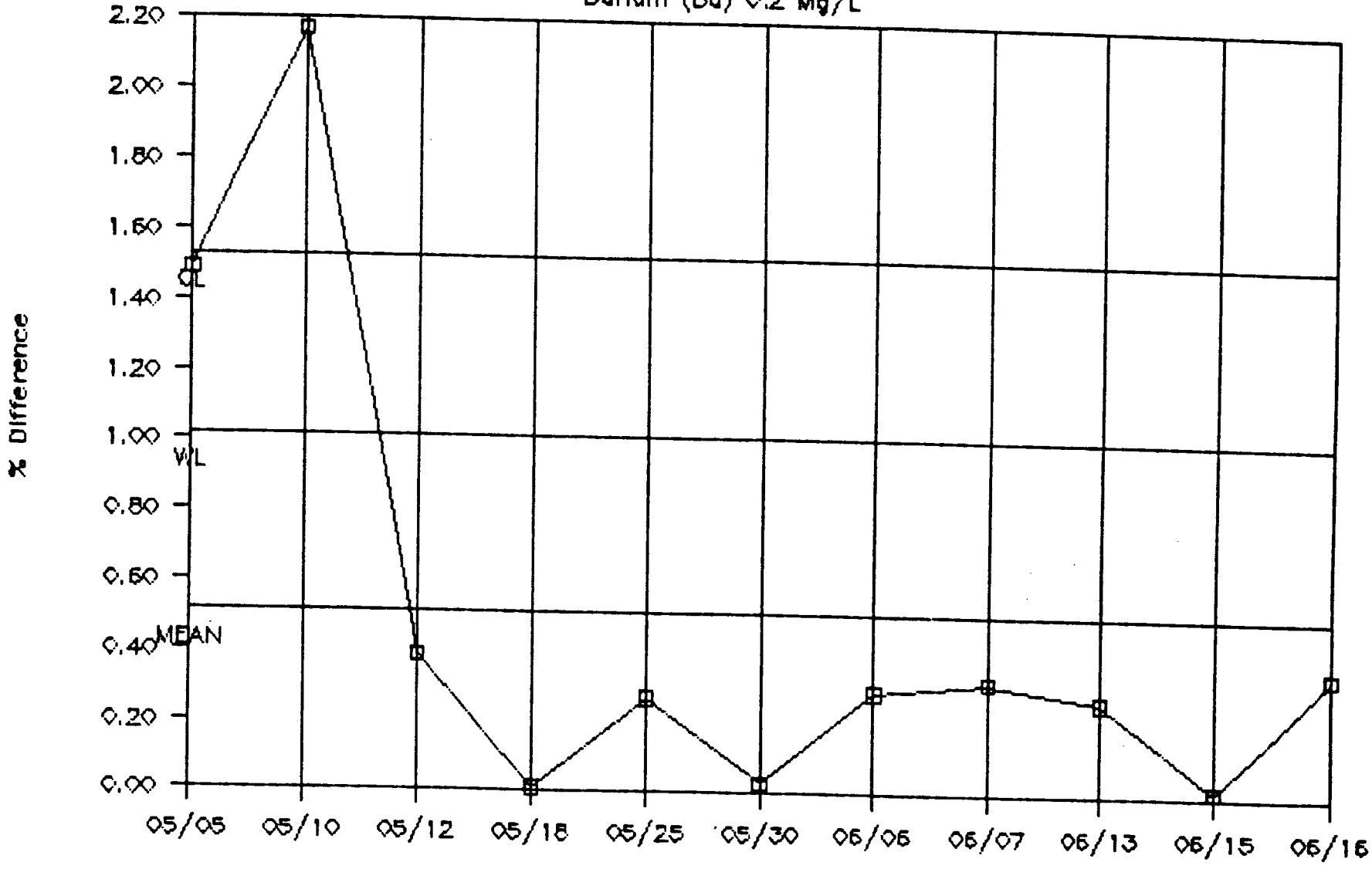
Reference Control Chart

Silver (Ag) 1.0 Mg/L (ppm) Conc.



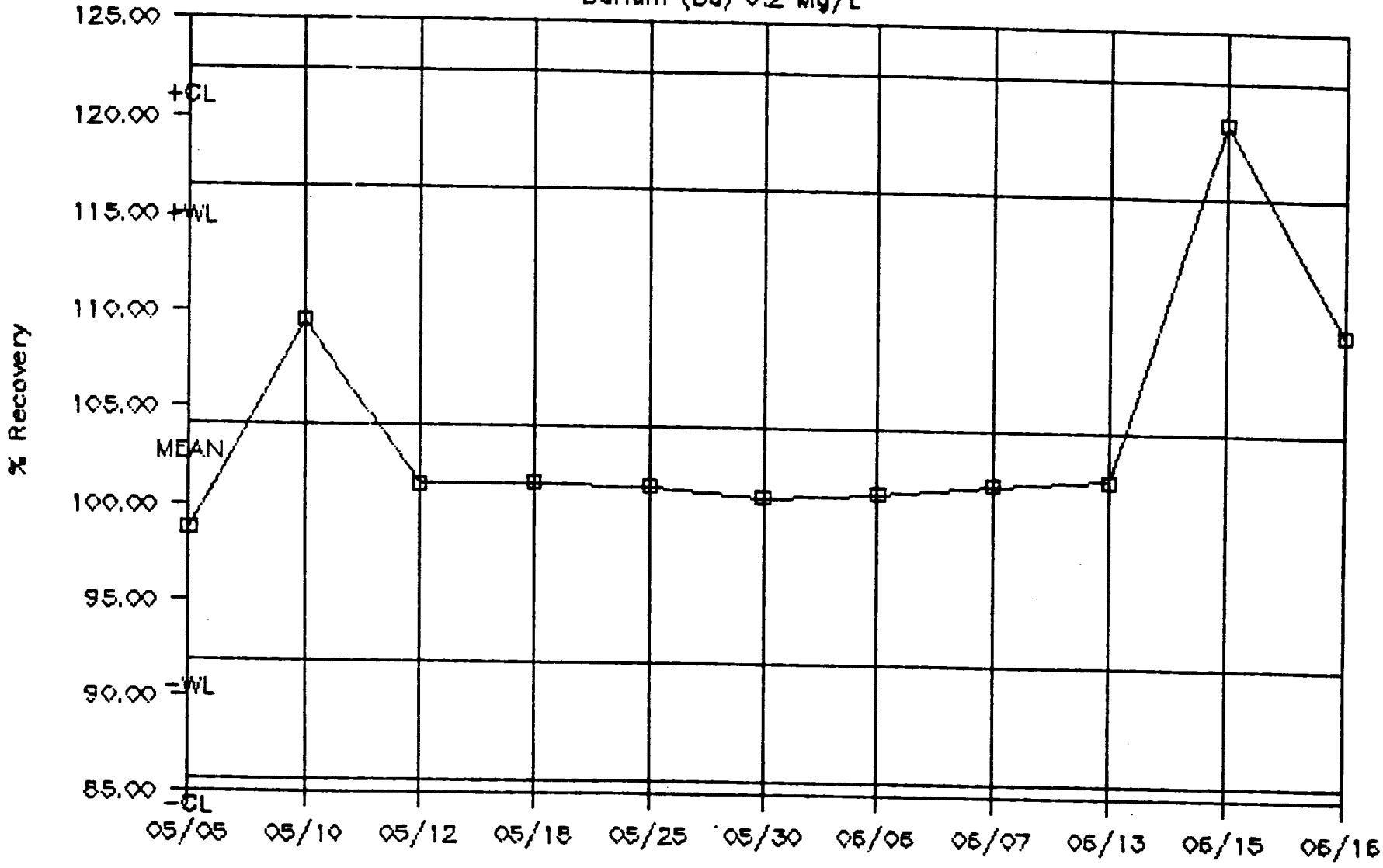
Duplicate Control Chart

Barium (Ba) 0.2 Mg/L



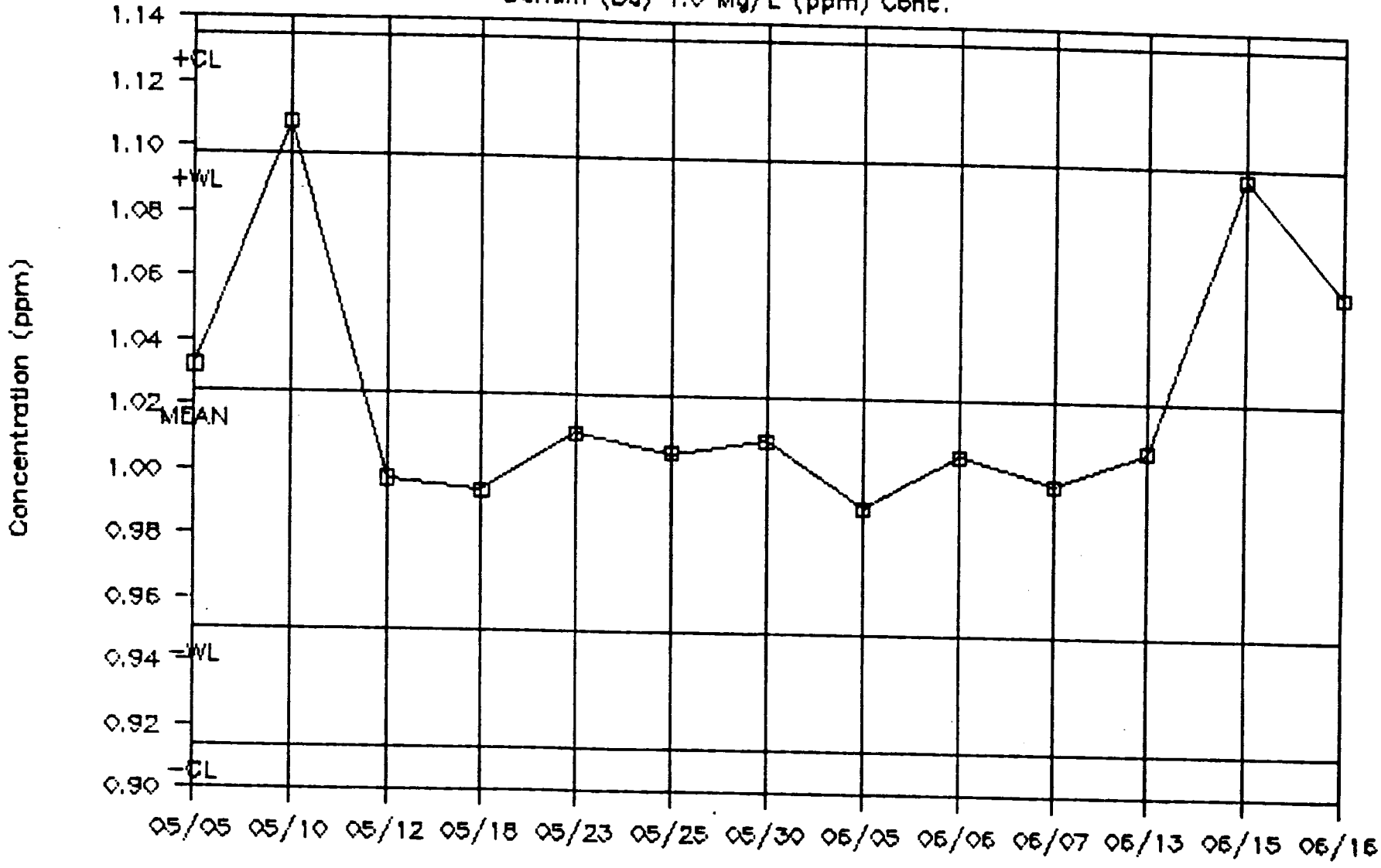
Spike Recovery Control Chart

Barium (Ba) 0.2 Mg/L



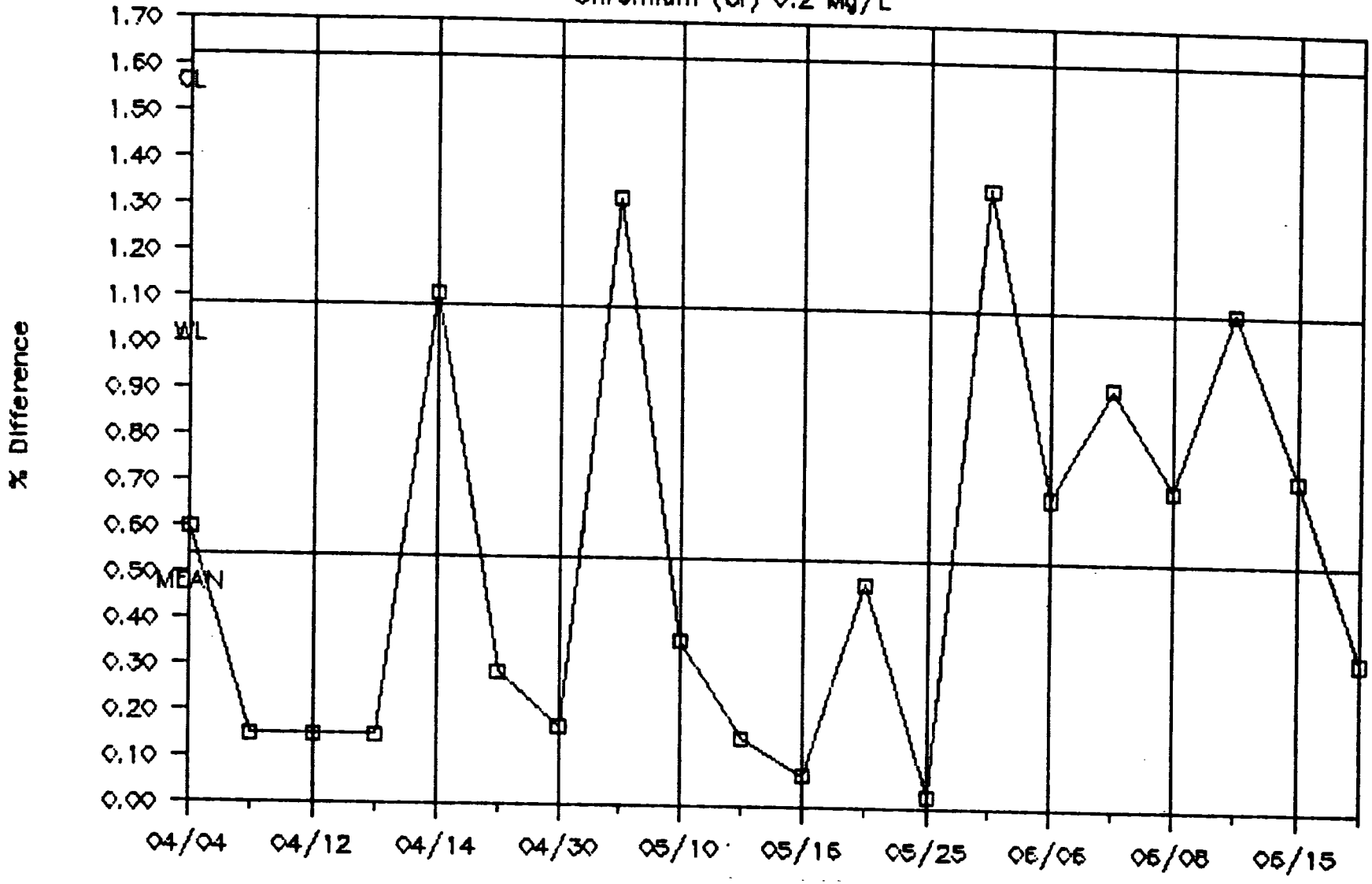
Reference Control Chart

Barium (Ba) 1.0 Mg/L (ppm) Conc.



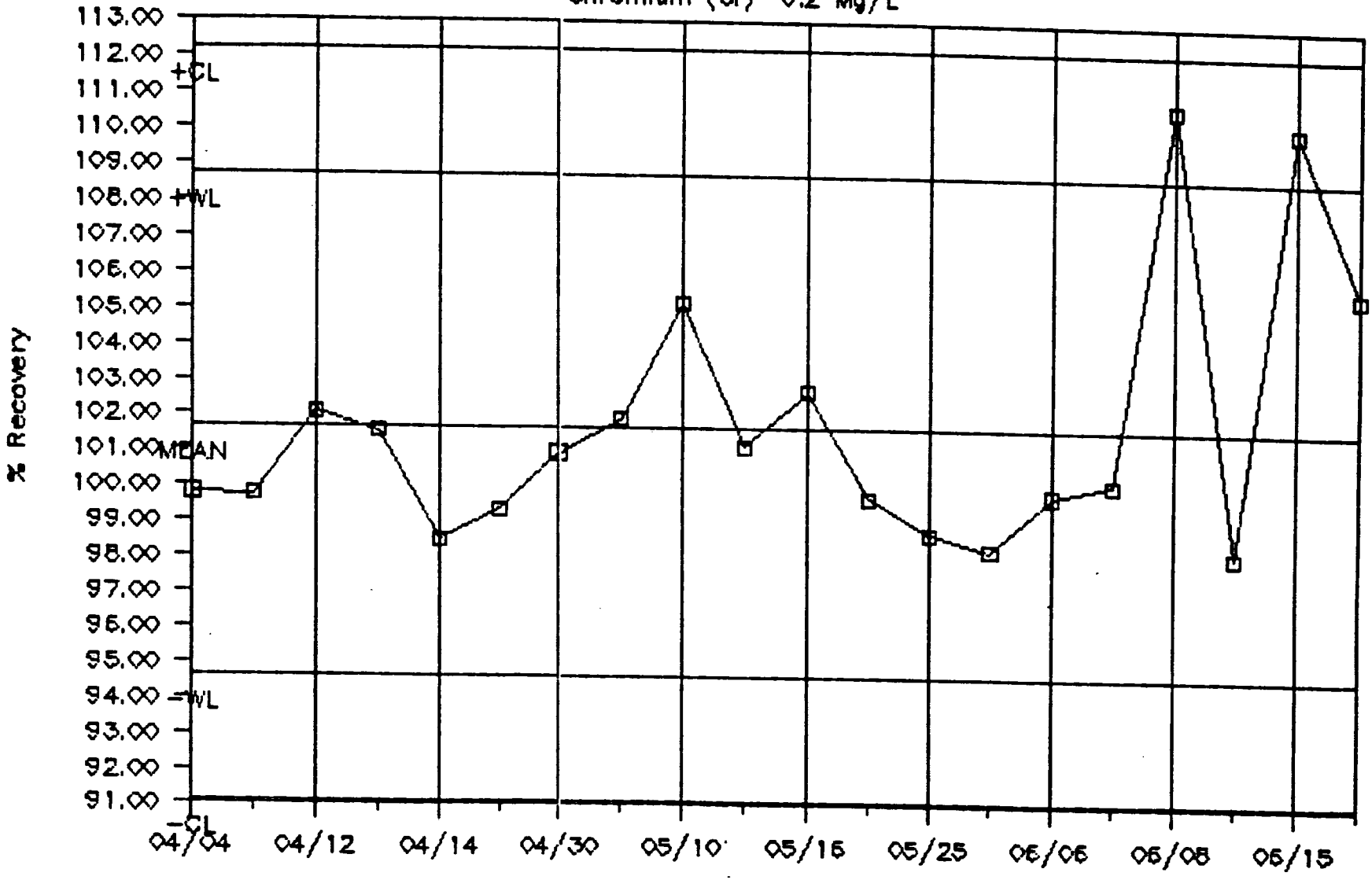
Duplicate Control Chart

Chromium (Cr) 0.2 Mg/L



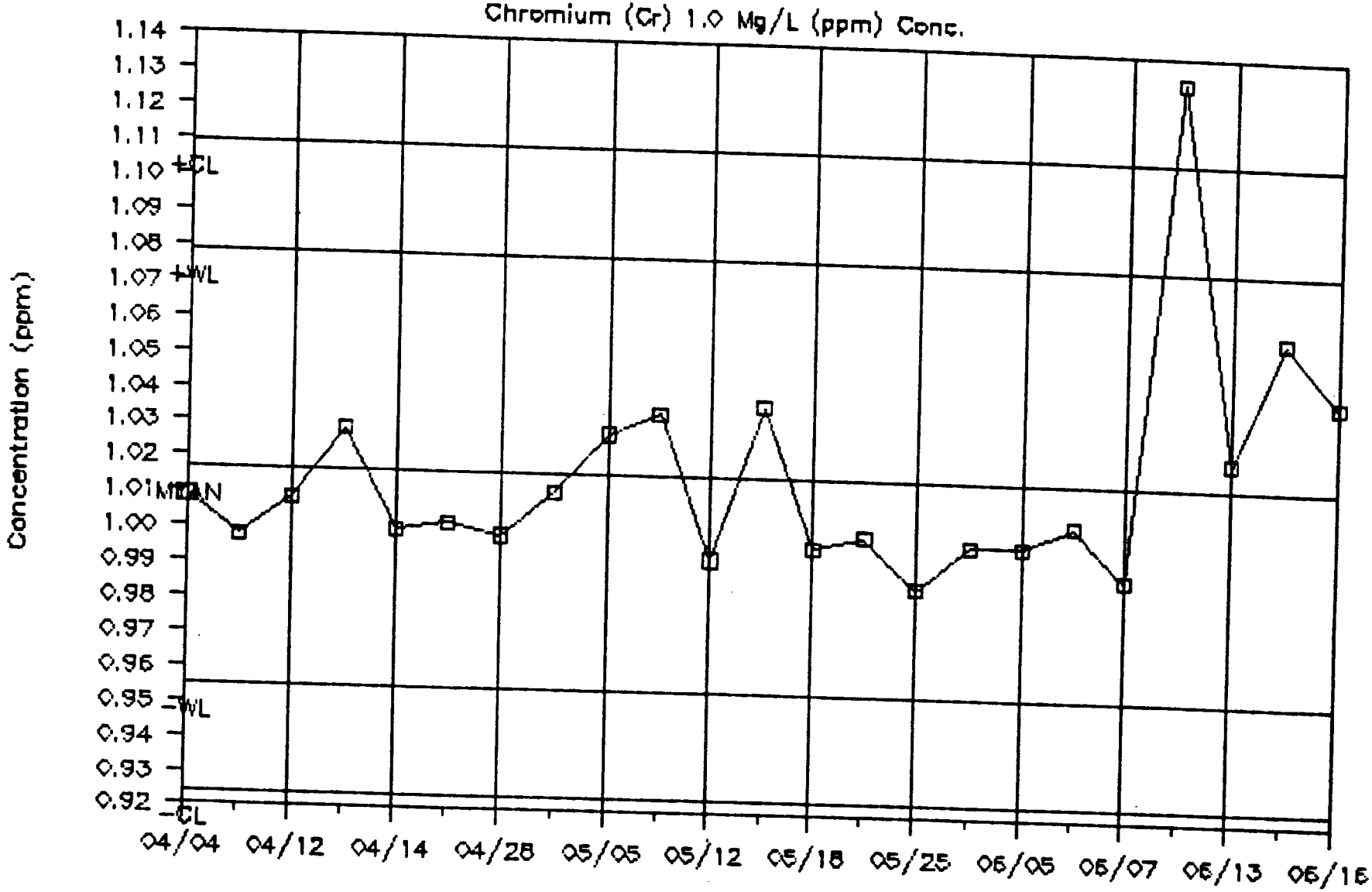
Spike Recovery Control Chart

Chromium (Cr) 0.2 Mg/L



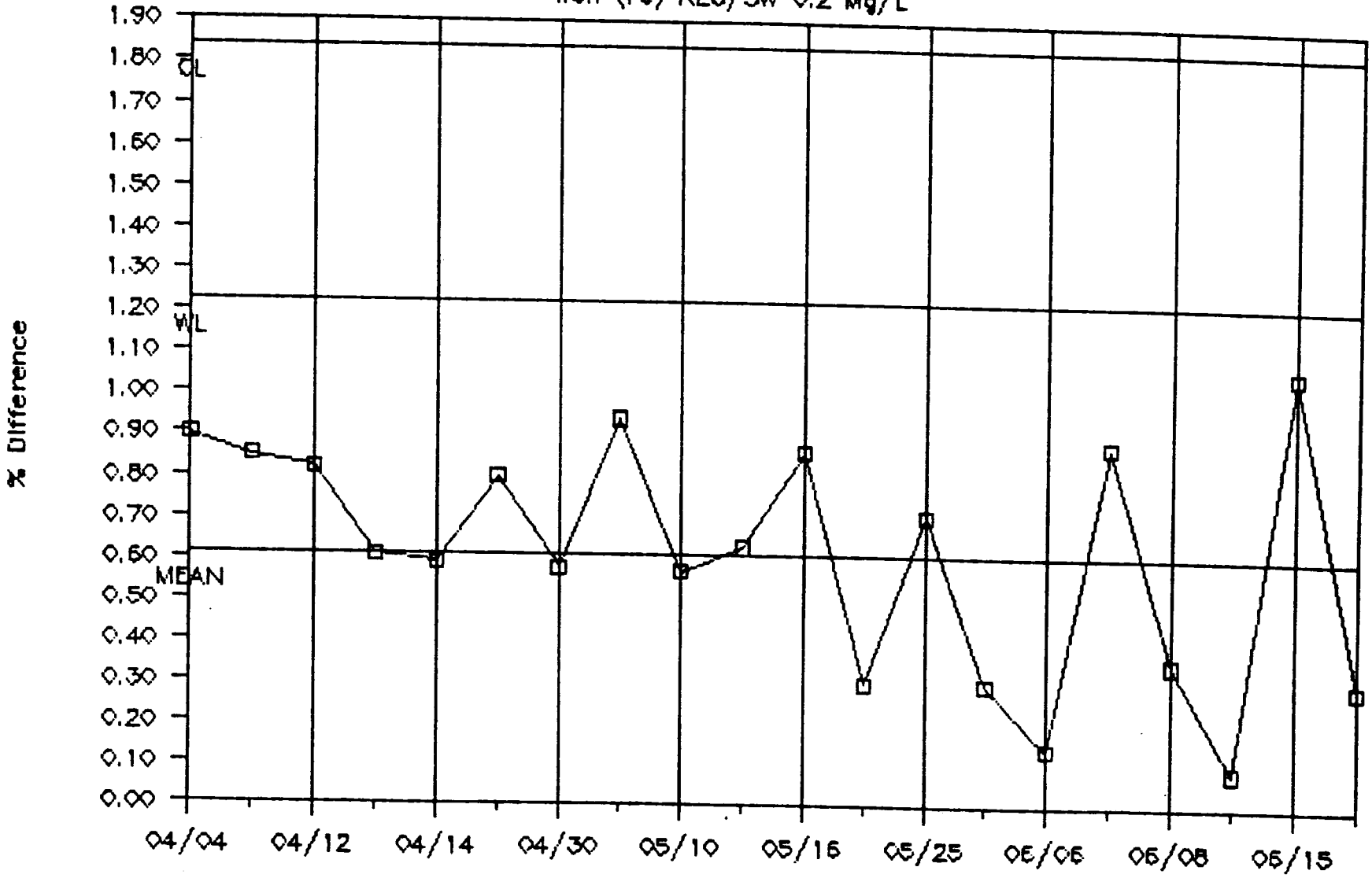
Reference Control Chart

Chromium (Cr) 1.0 Mg/L (ppm) Conc.



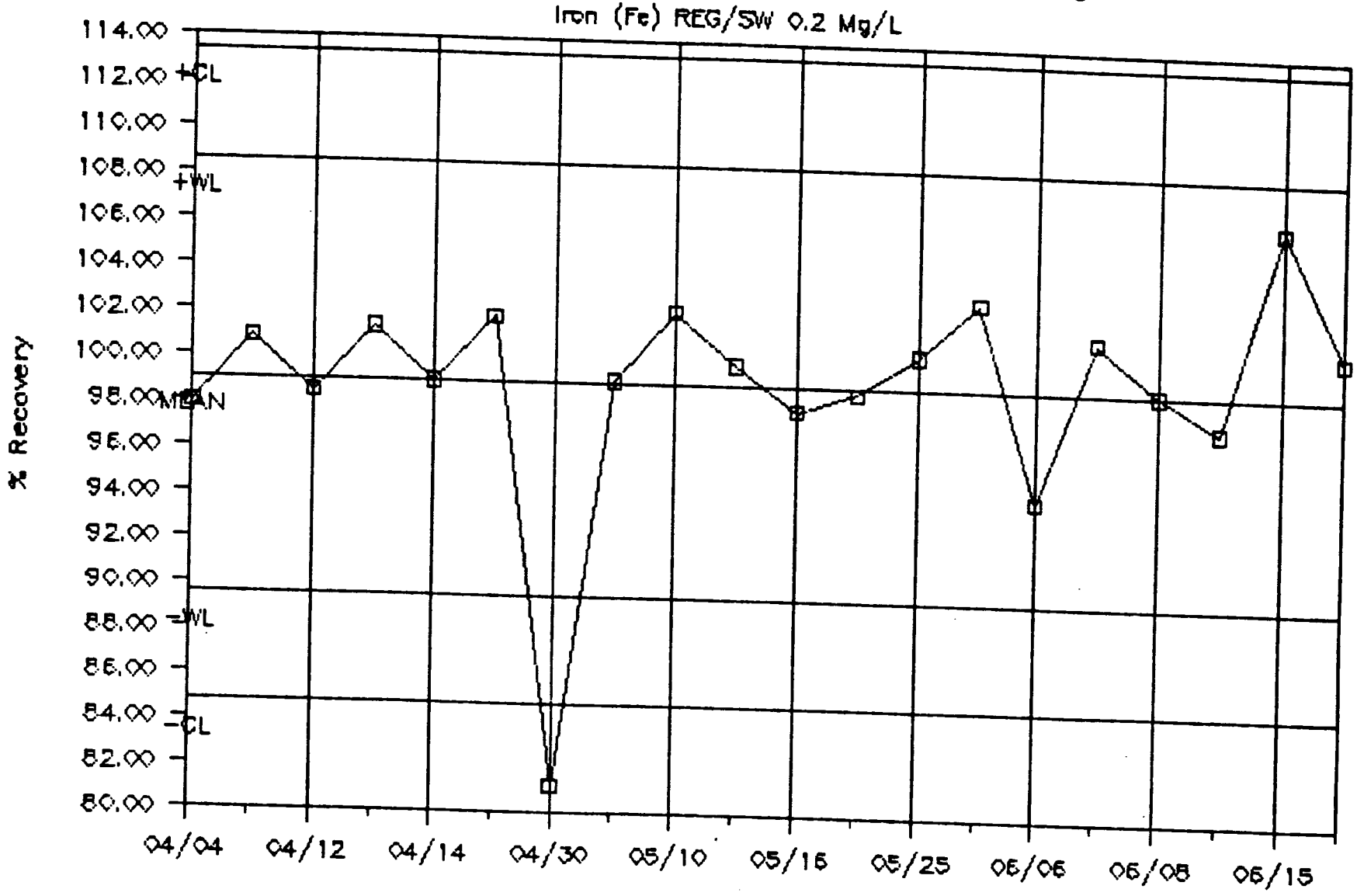
Duplicate Control Chart

Iron (Fe) REG/SW 0.2 Mg/L



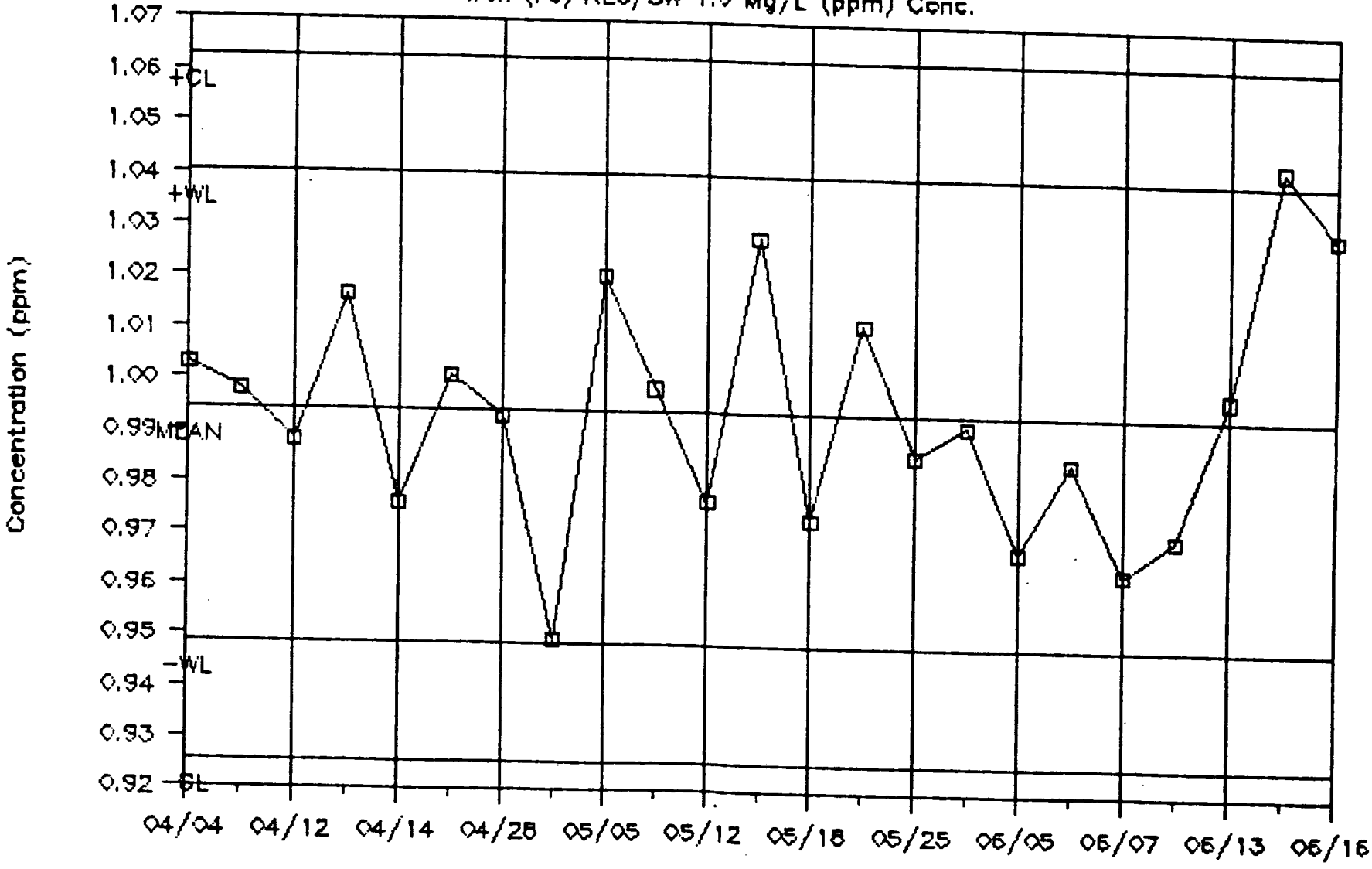
Spike Recovery Control Chart

Iron (Fe) REG/SW 0.2 Mg/L



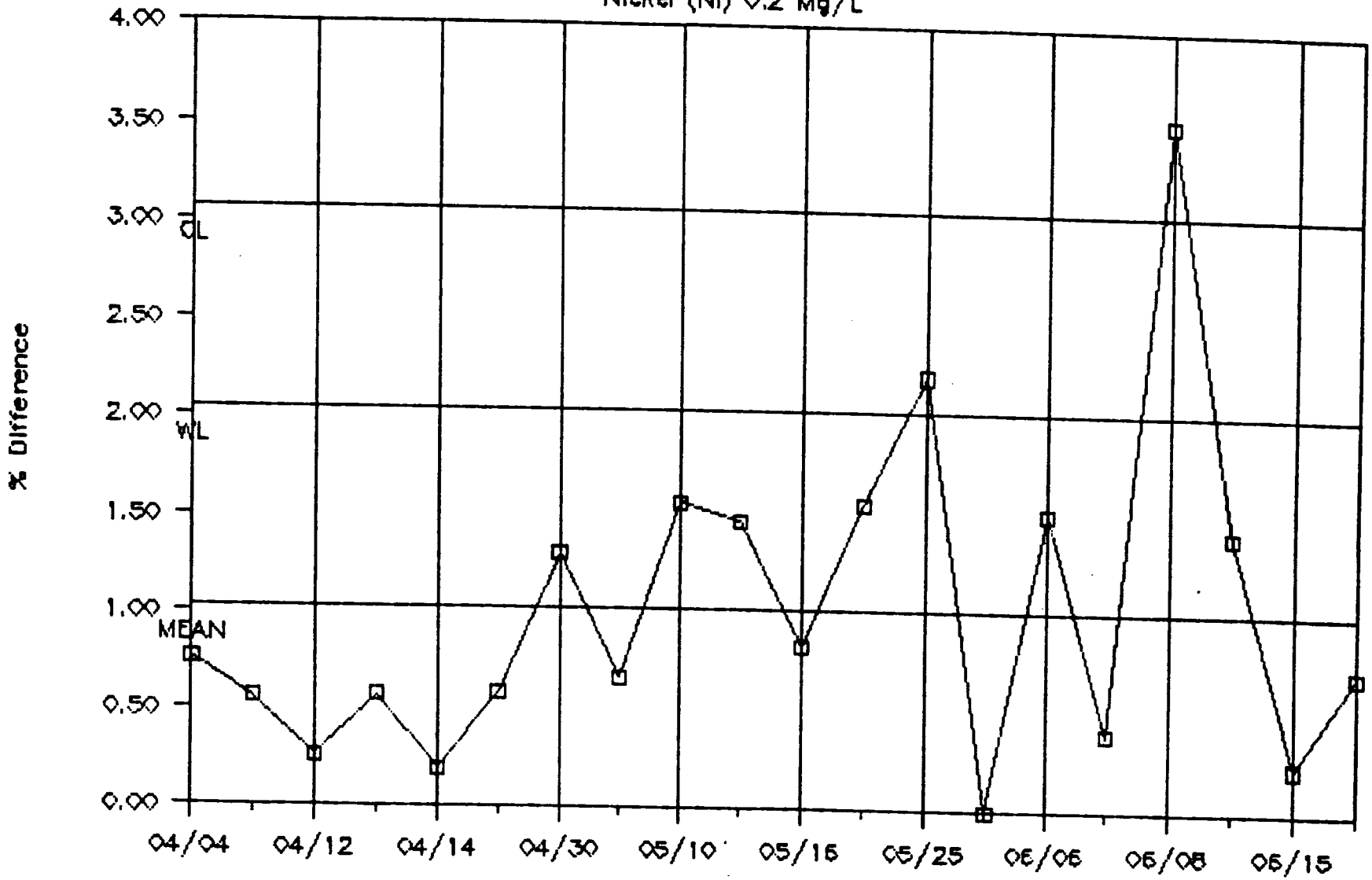
Reference Control Chart

Iron (Fe) REG/SW 1.0 Mg/L (ppm) Conc.



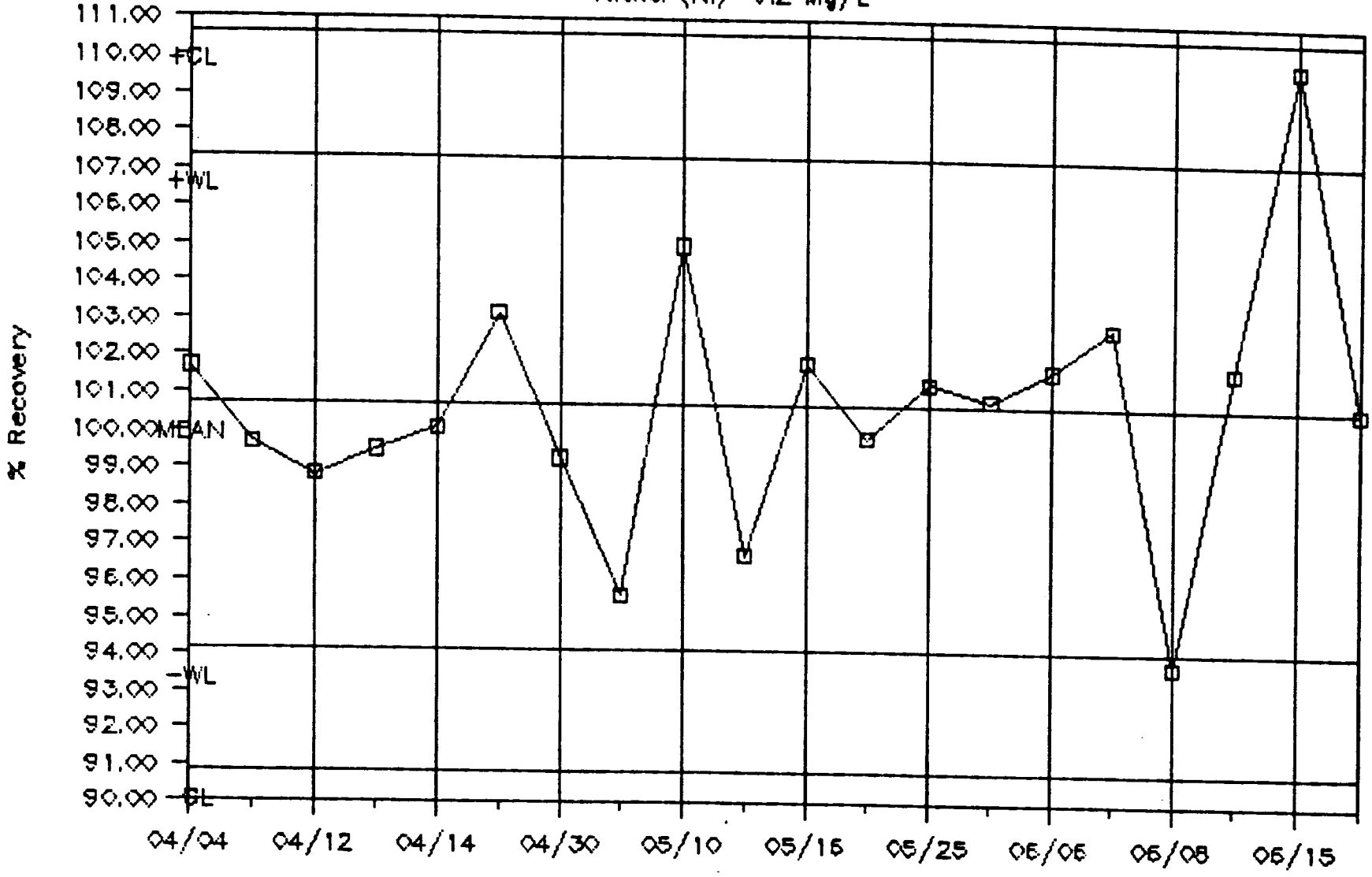
Duplicate Control Chart

Nickel (Ni) 0.2 Mg/L



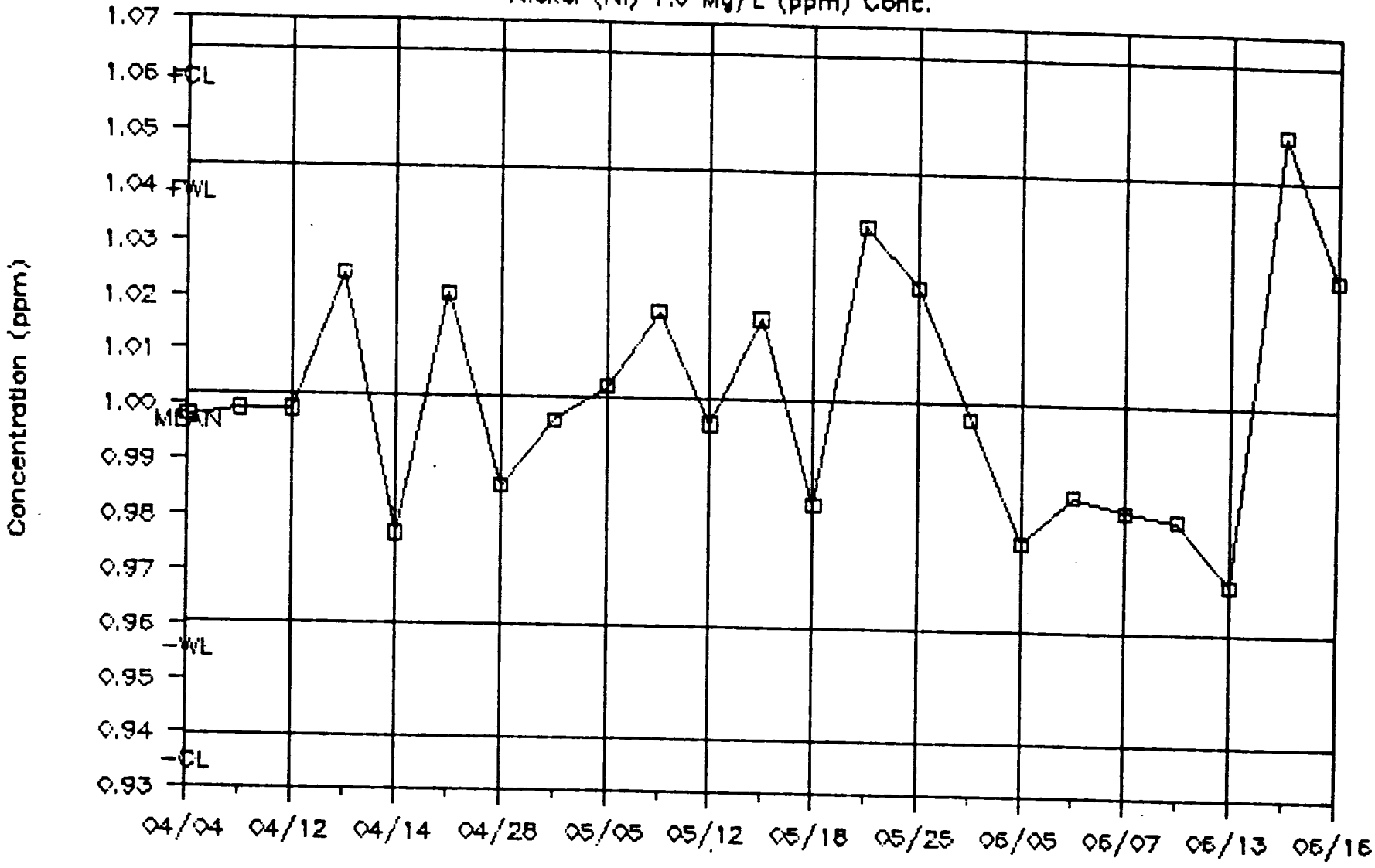
Spike Recovery Control Chart

Nickel (Ni) 0.2 Mg/L



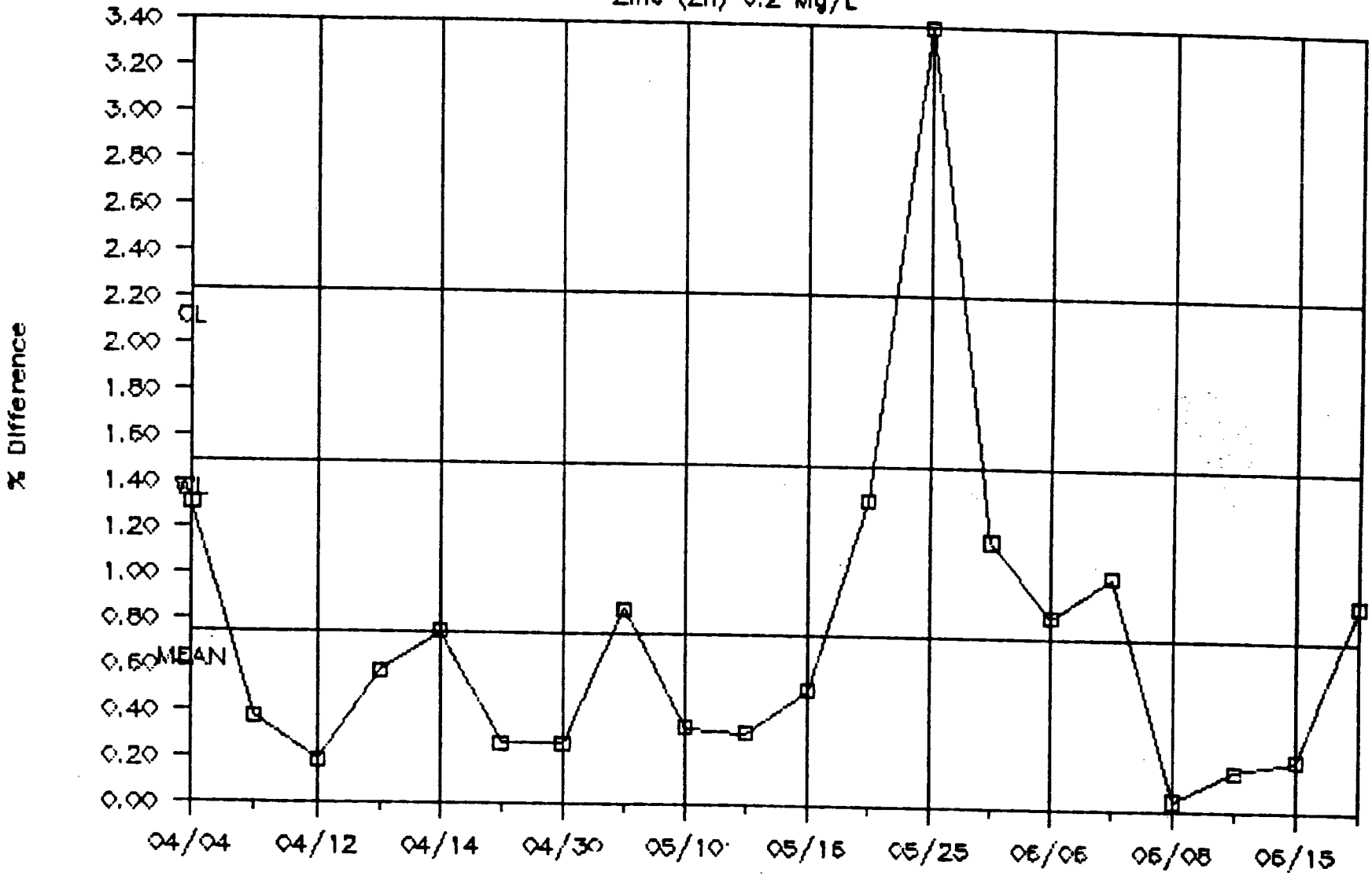
Reference Control Chart

Nickel (Ni) 1.0 Mg/L (ppm) Conc.



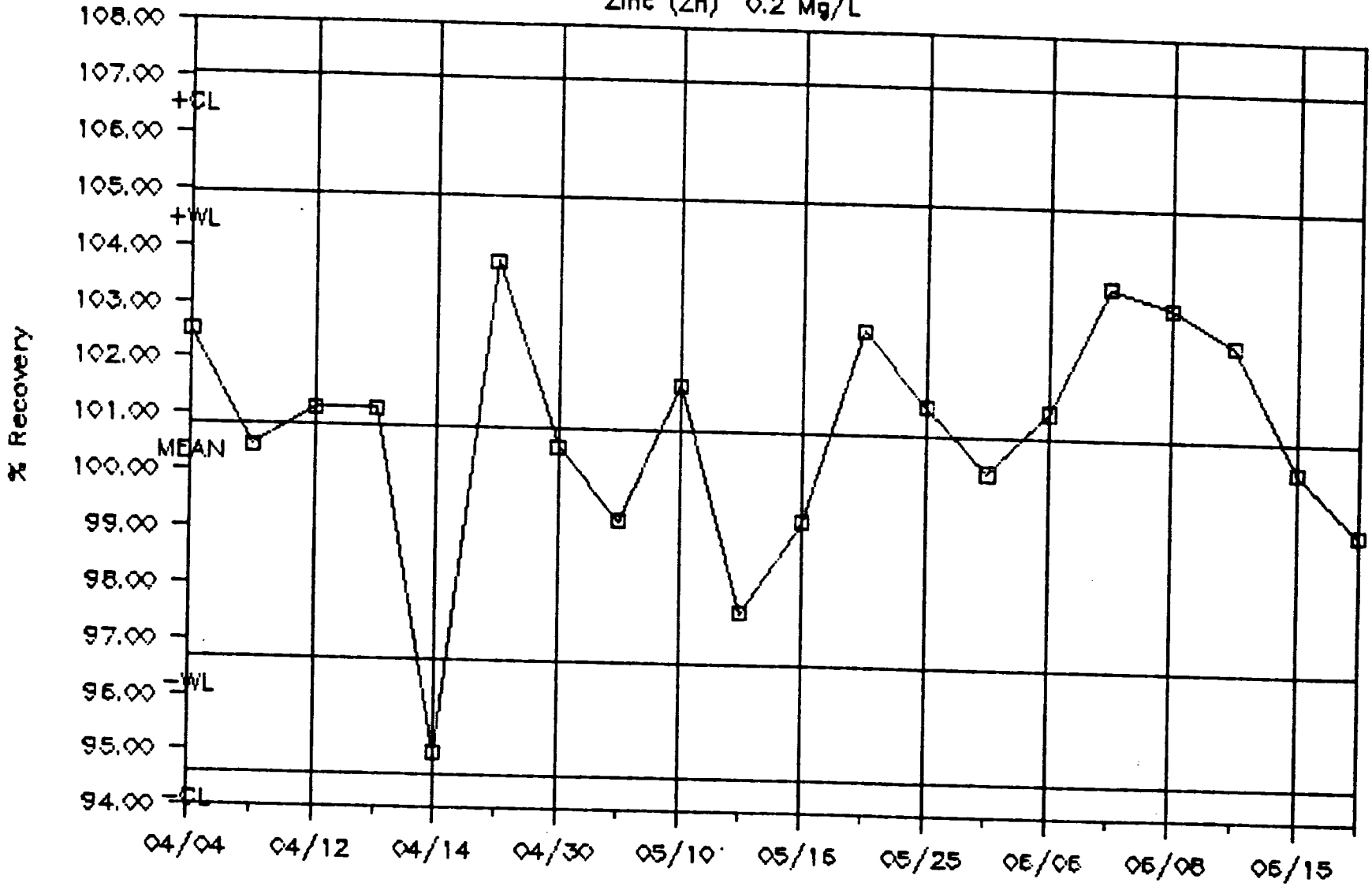
Duplicate Control Chart

Zinc (Zn) 0.2 Mg/L



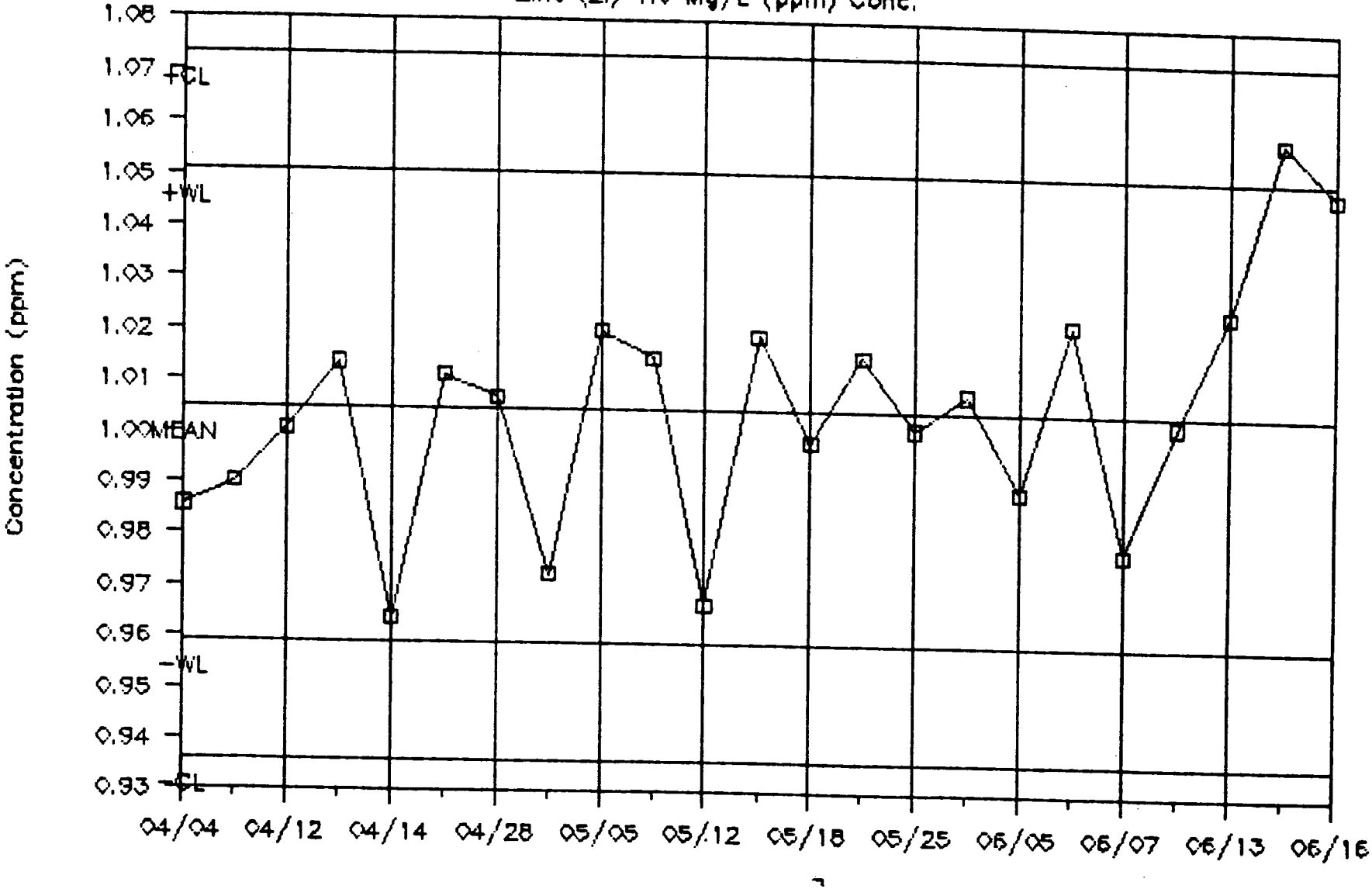
Spike Recovery Control Chart

Zinc (Zn) 0.2 Mg/L



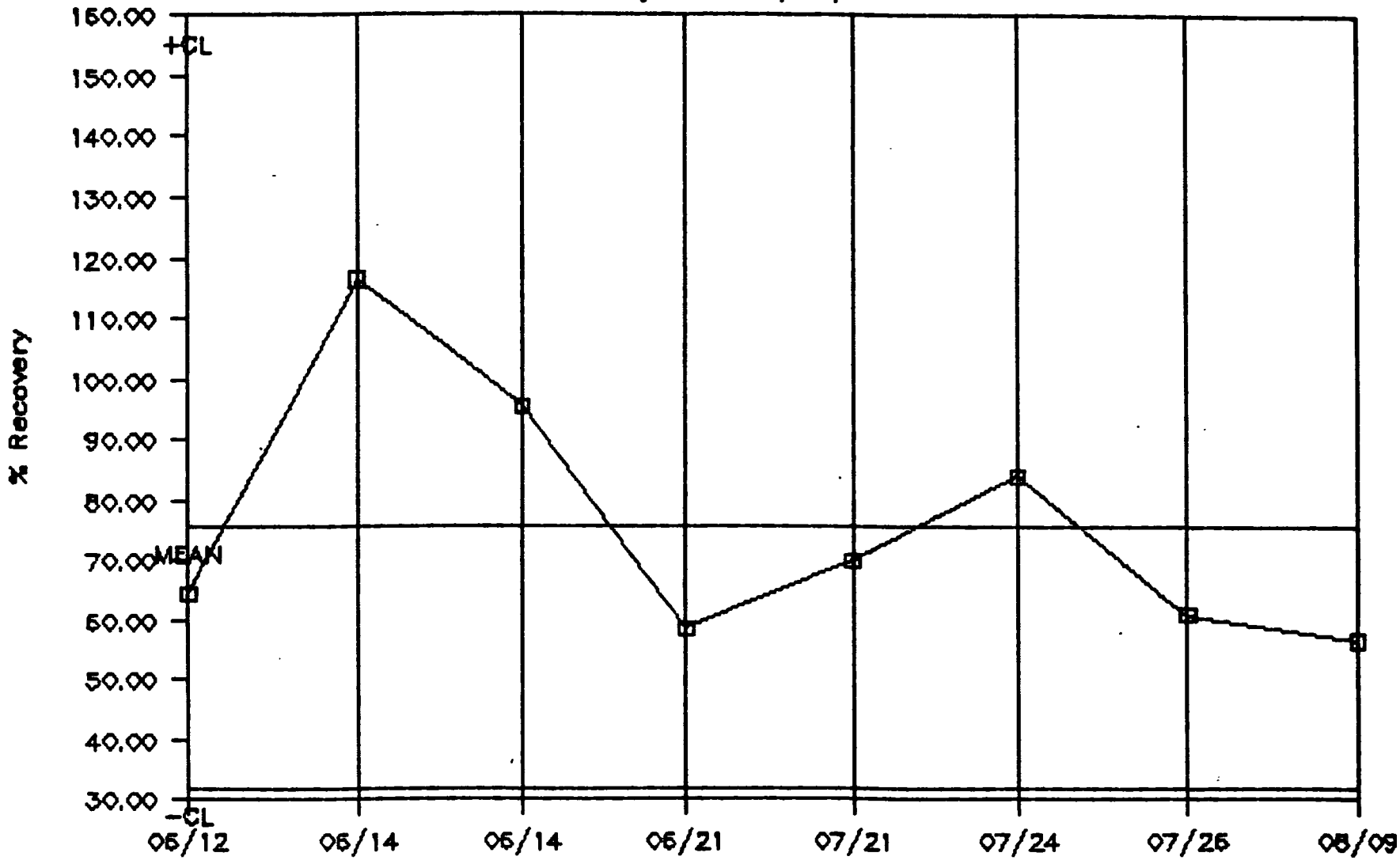
Reference Control Chart

Zinc (Zi) 1.0 Mg/L (ppm) Conc.



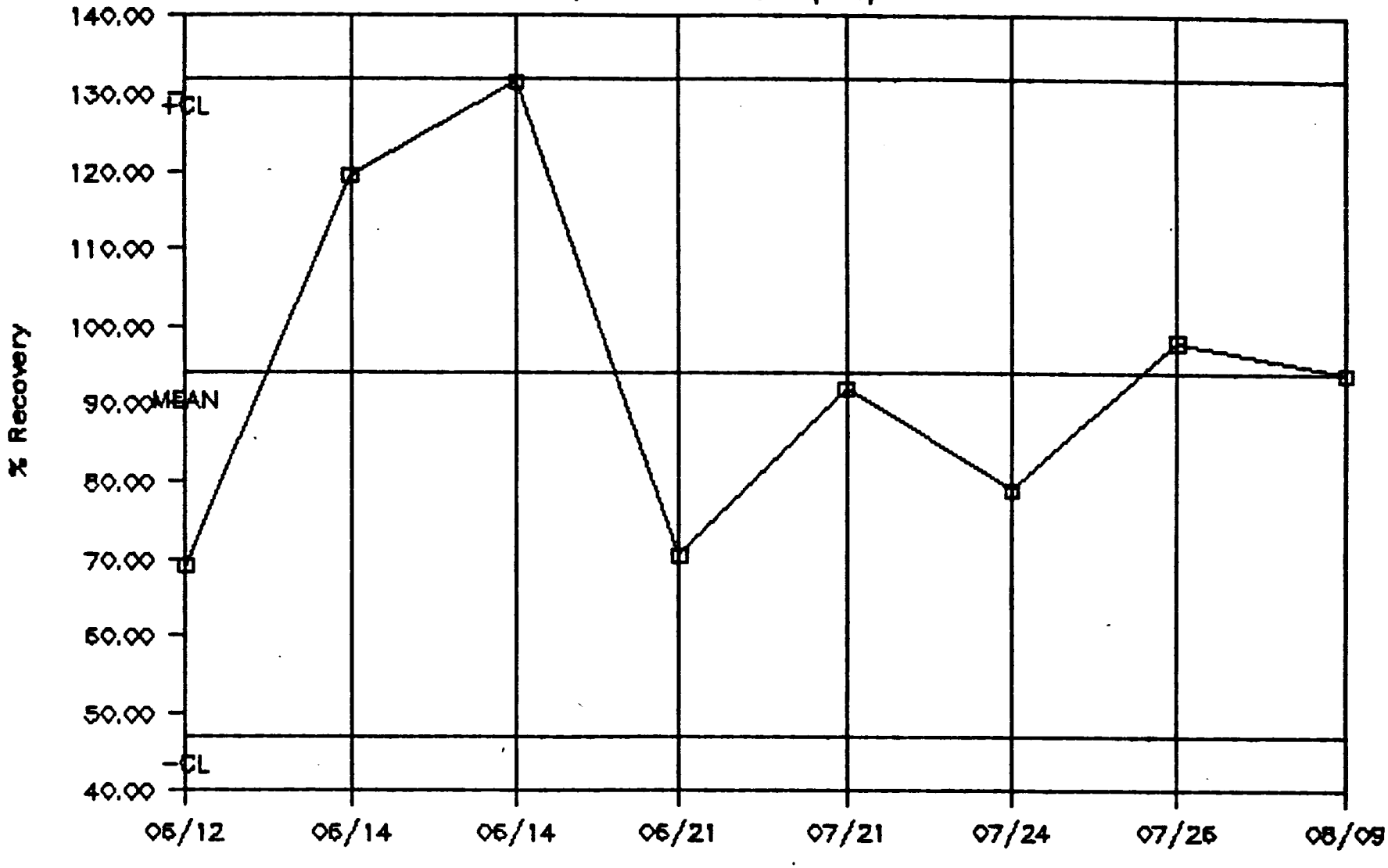
Spiked Sample Chart [Waste Water]

Ethylbenzene (601)



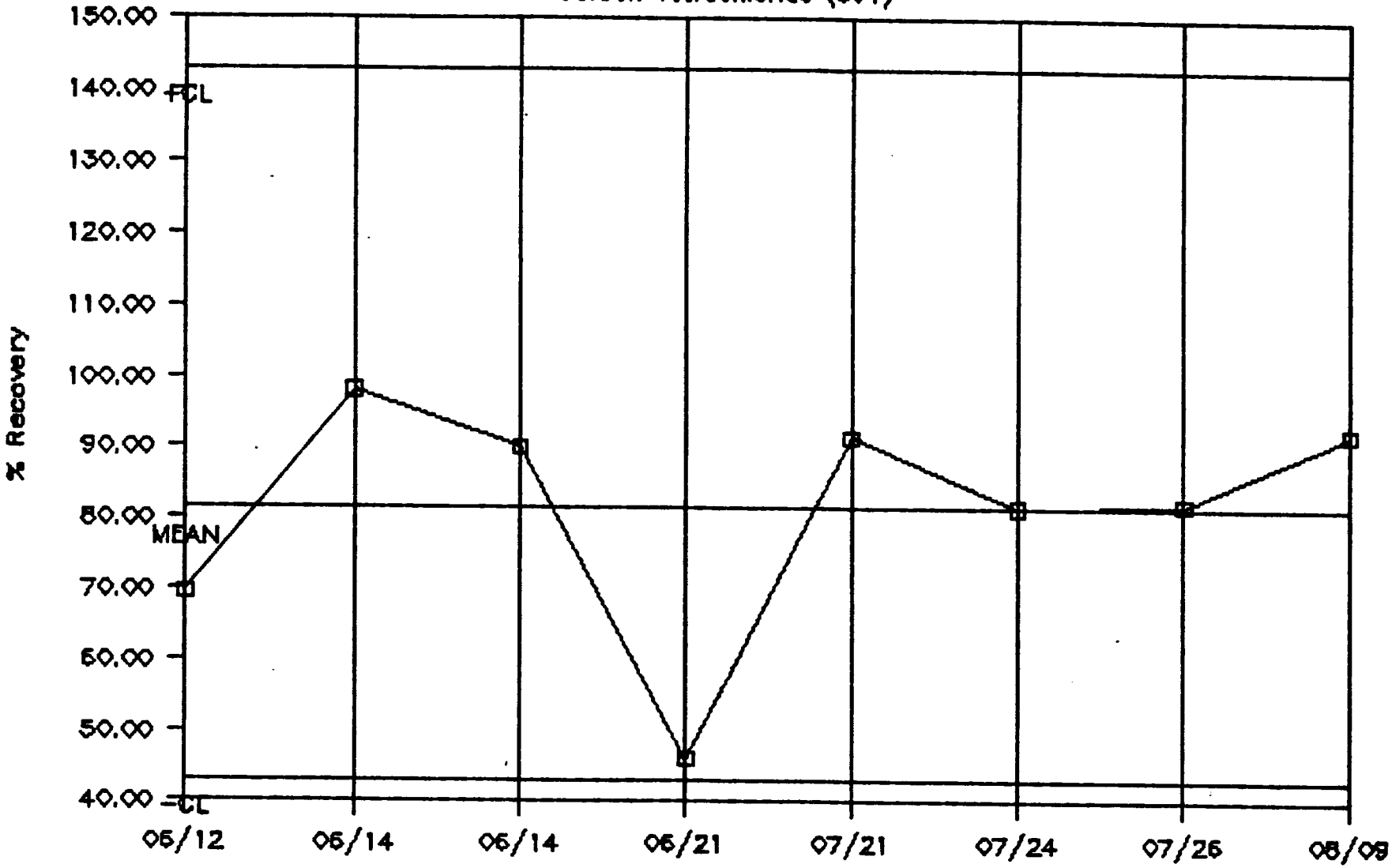
Spiked Sample Chart [Waste Water]

1,1-Dichloroethane (601)

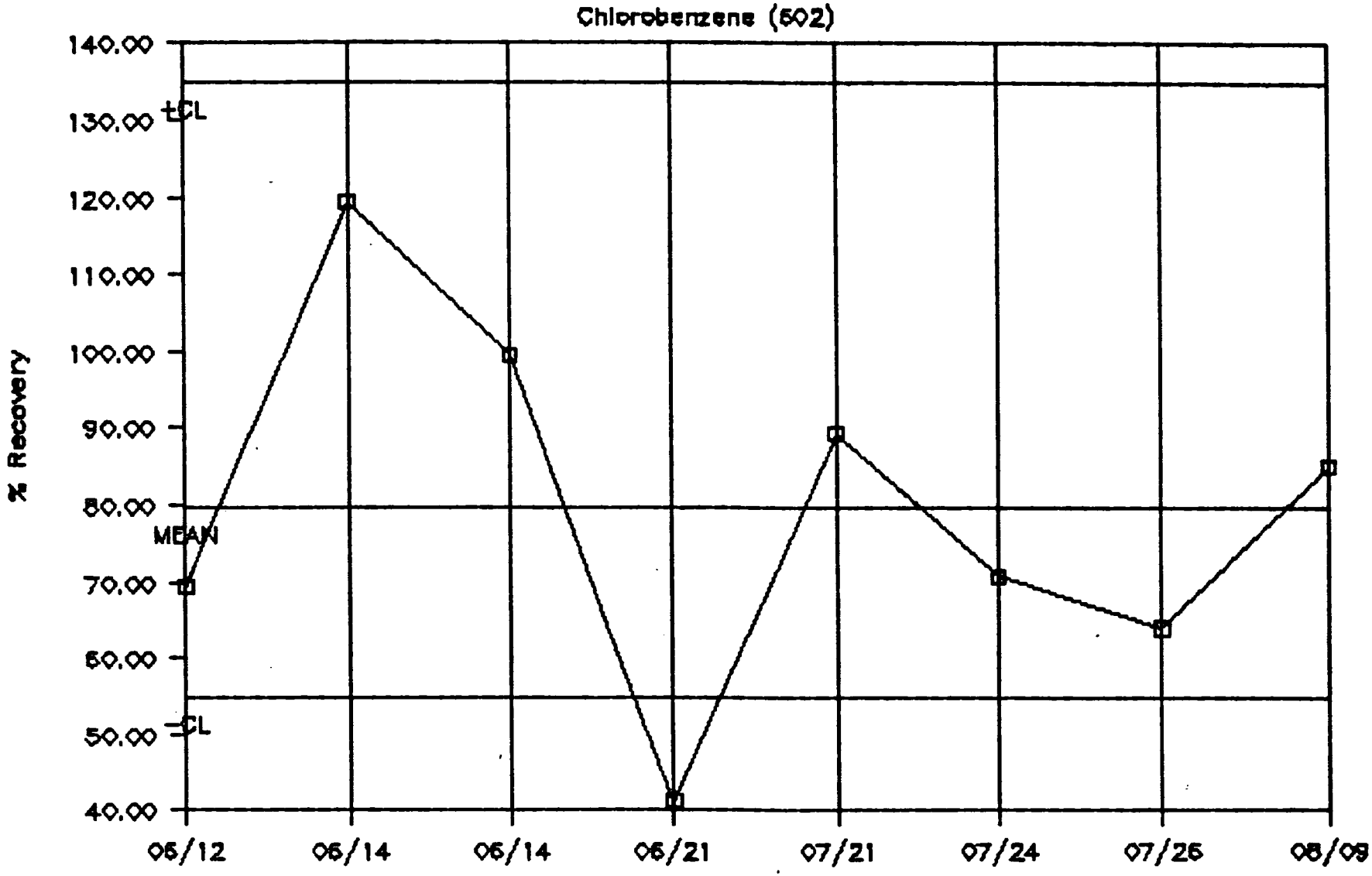


Spiked Sample Chart [Waste Water]

Carbon Tetrachloride (601)

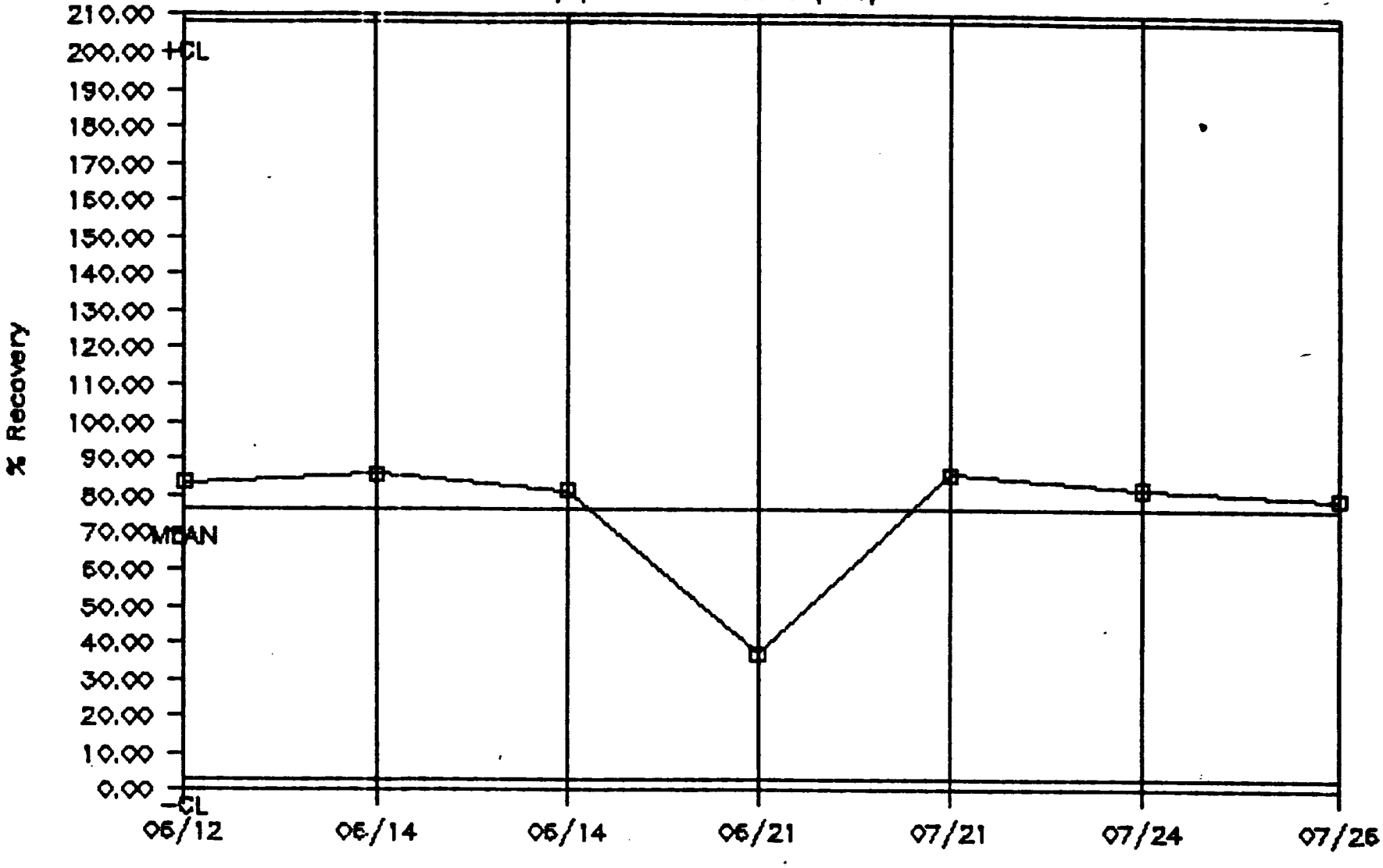


Spiked Sample Chart [Waste Water]



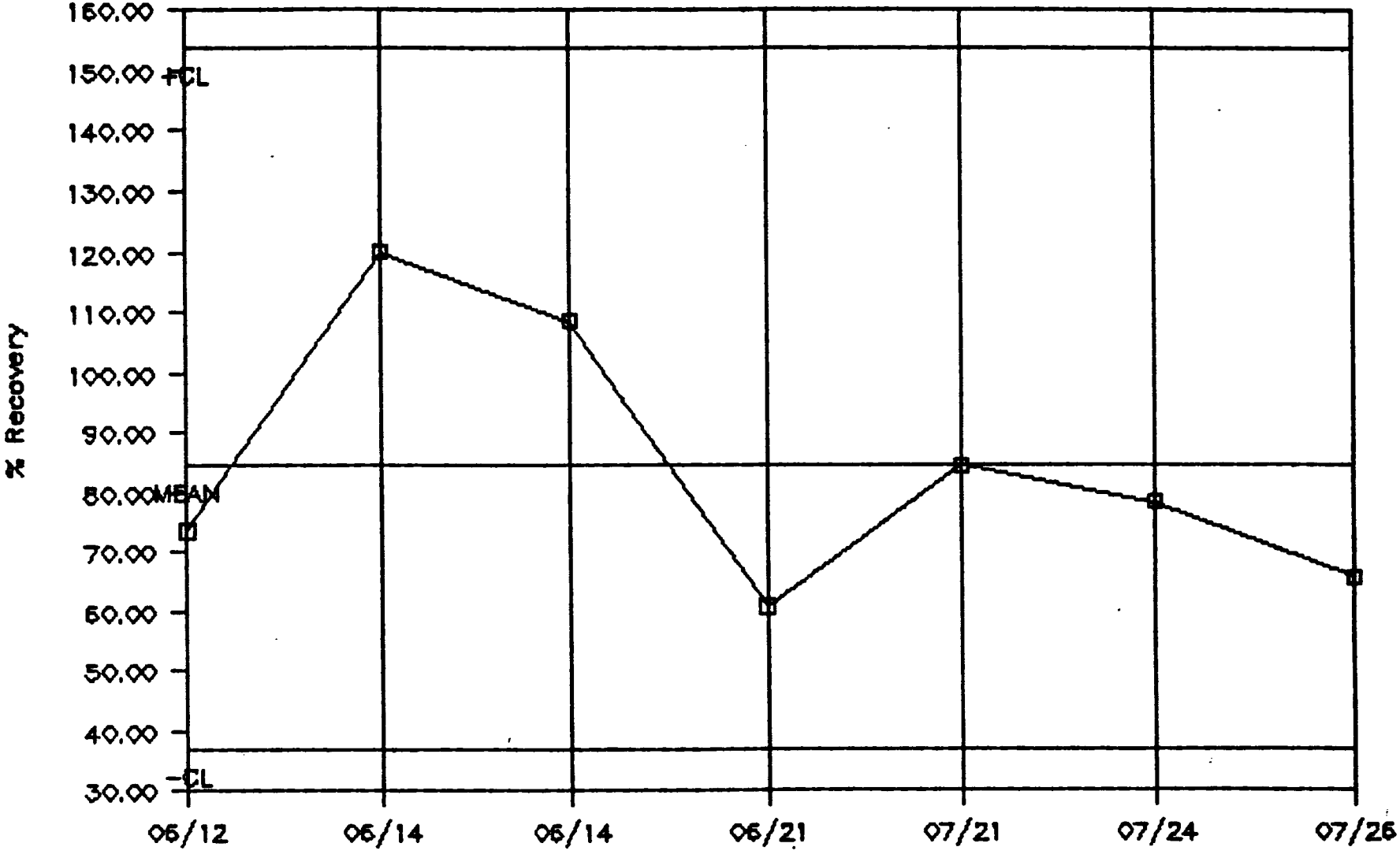
Spiked Sample Chart [Waste Water]

(M) Dichlorobenzene (601)

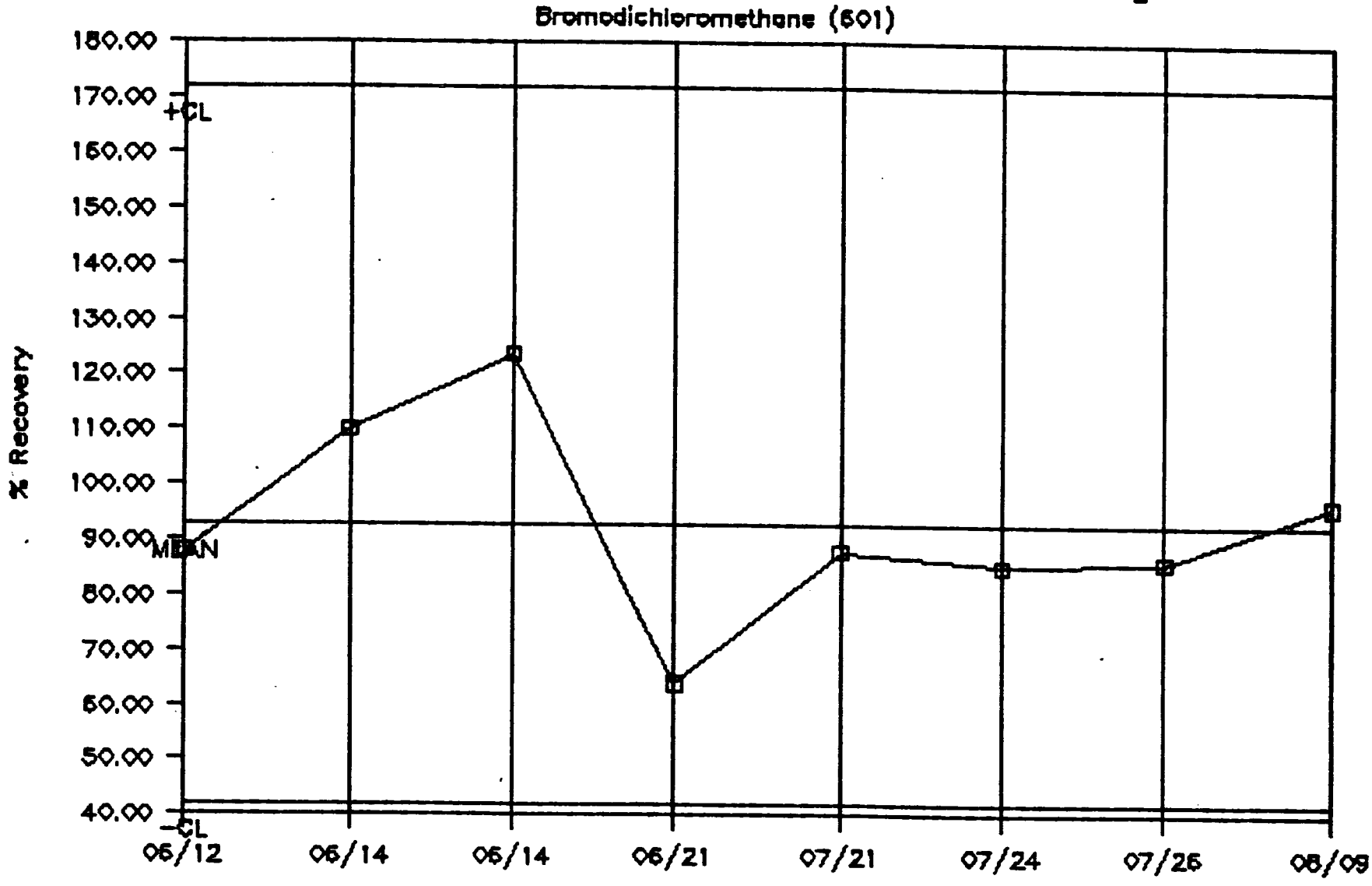


Spiked Sample Chart [Waste Water]

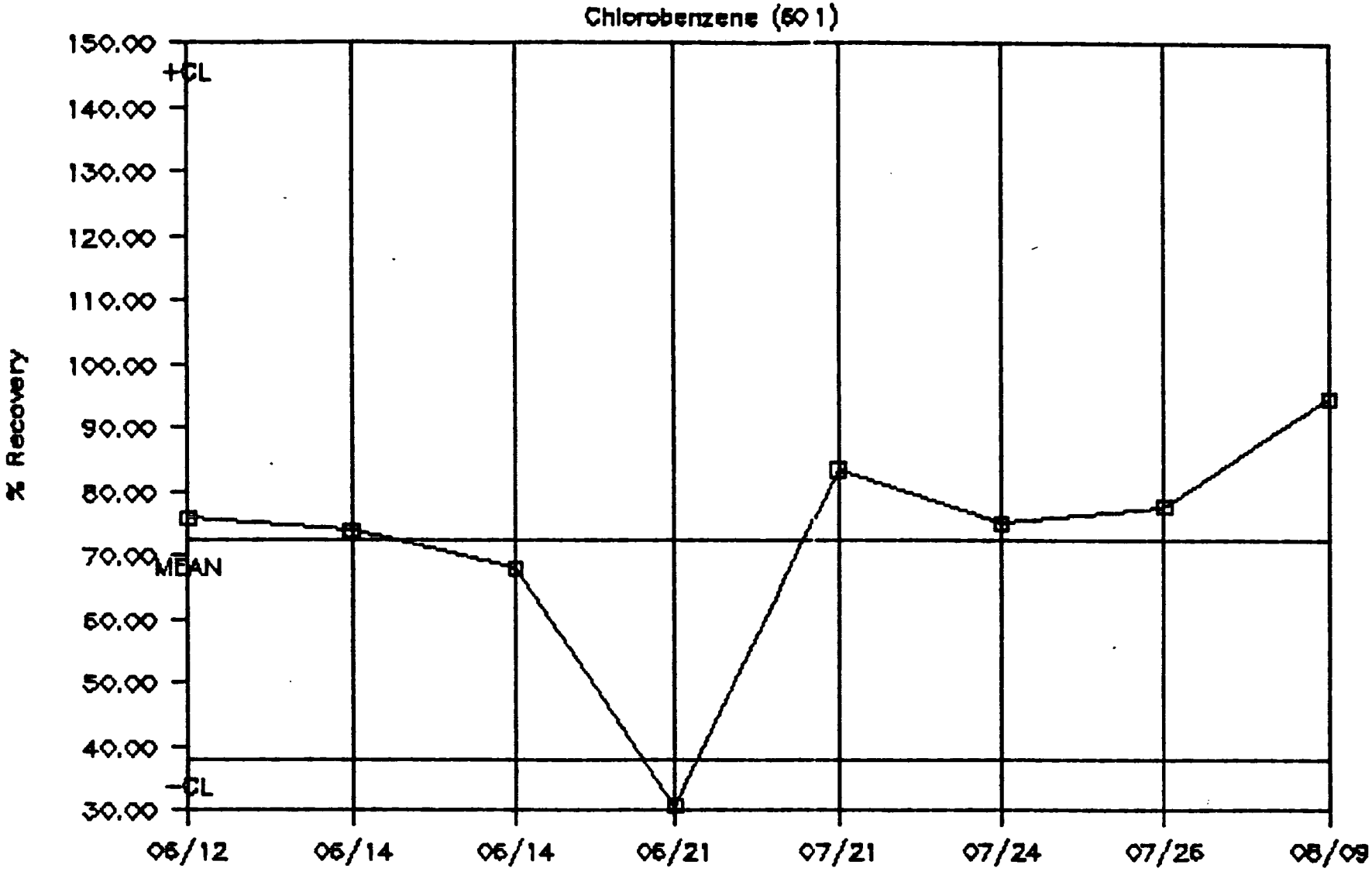
(M) Dichlorobenzene (602)



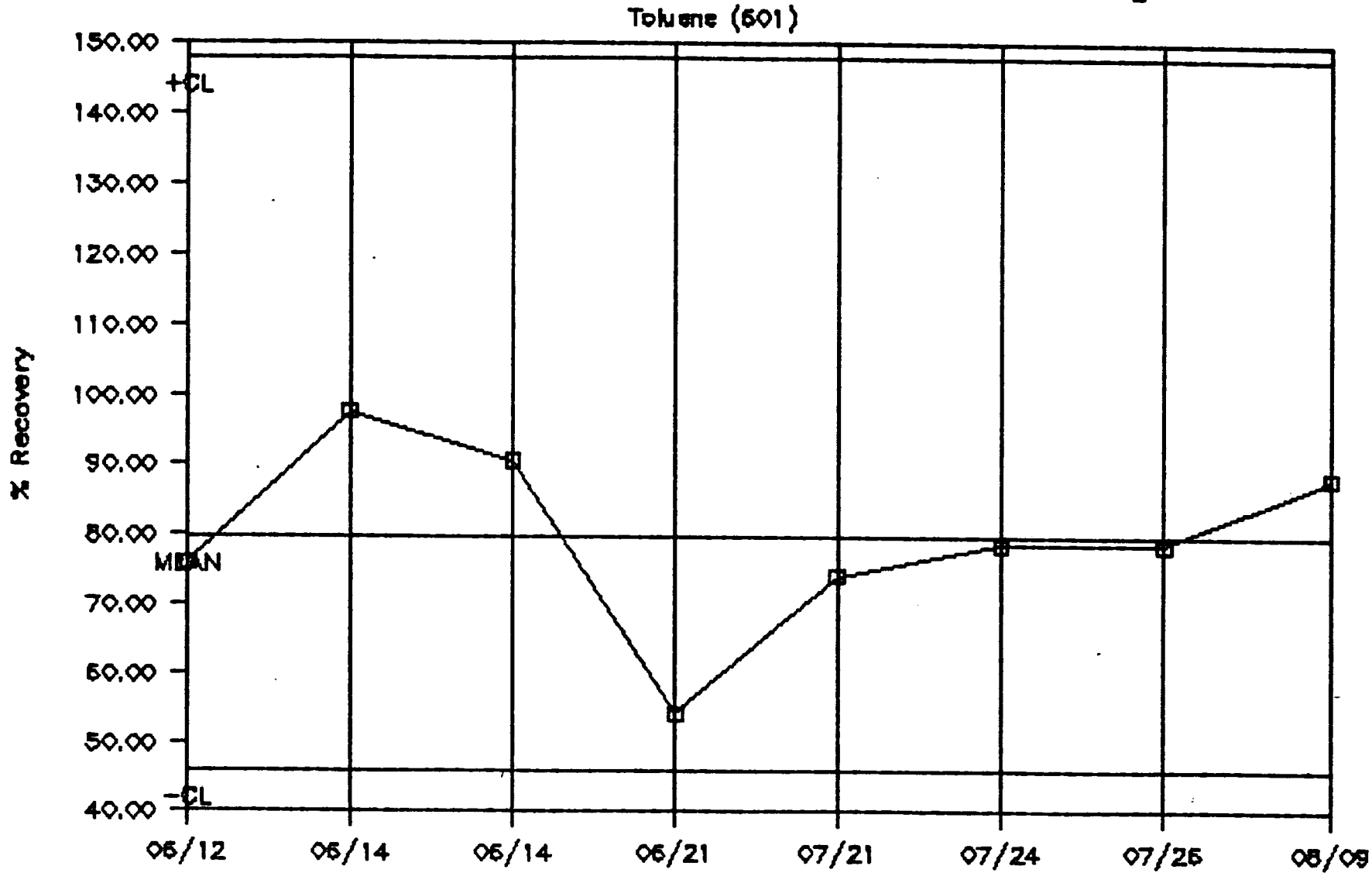
Spiked Sample Chart [Waste Water]



Spiked Sample Chart [Waste Water]

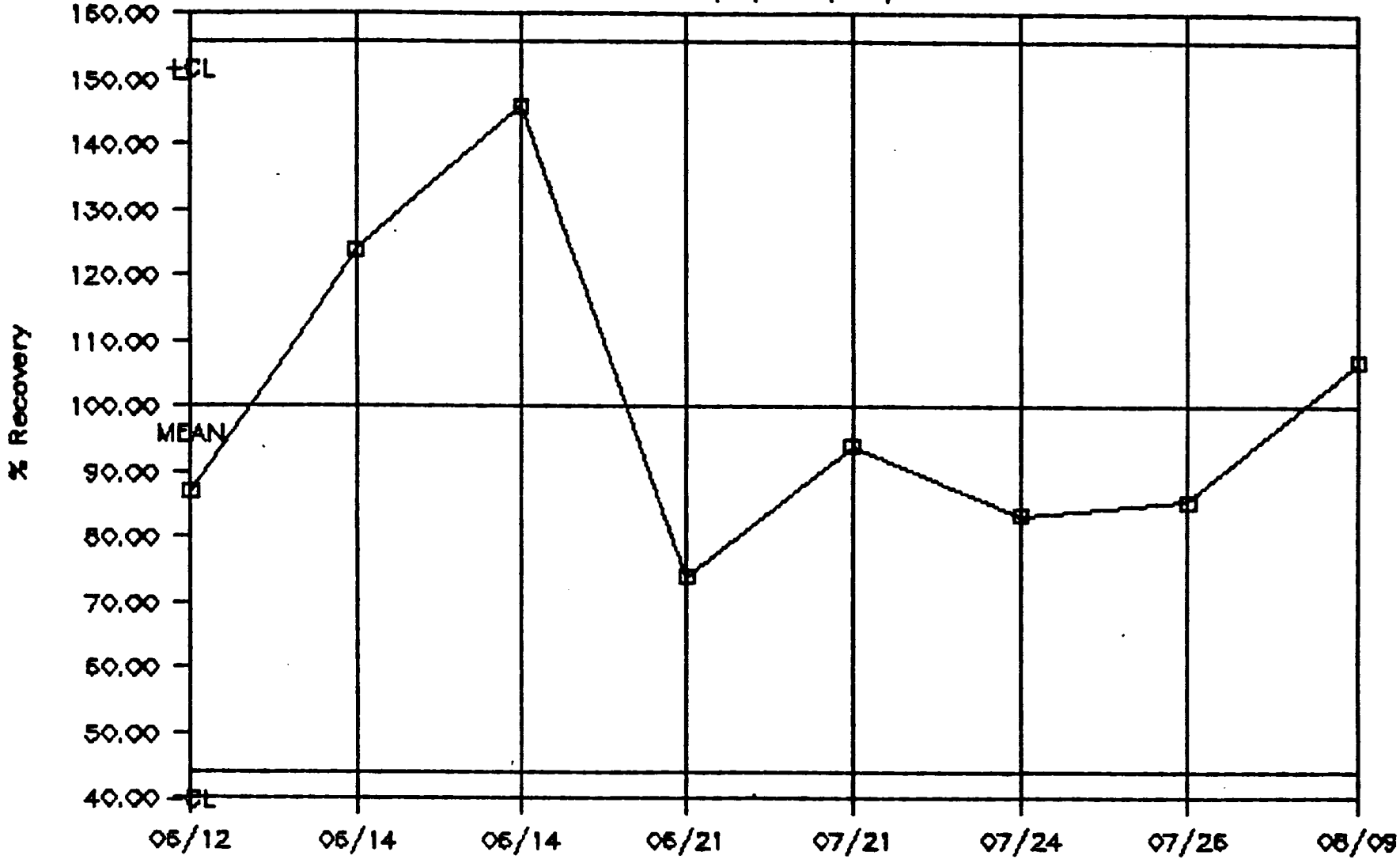


Spiked Sample Chart [Waste Water]



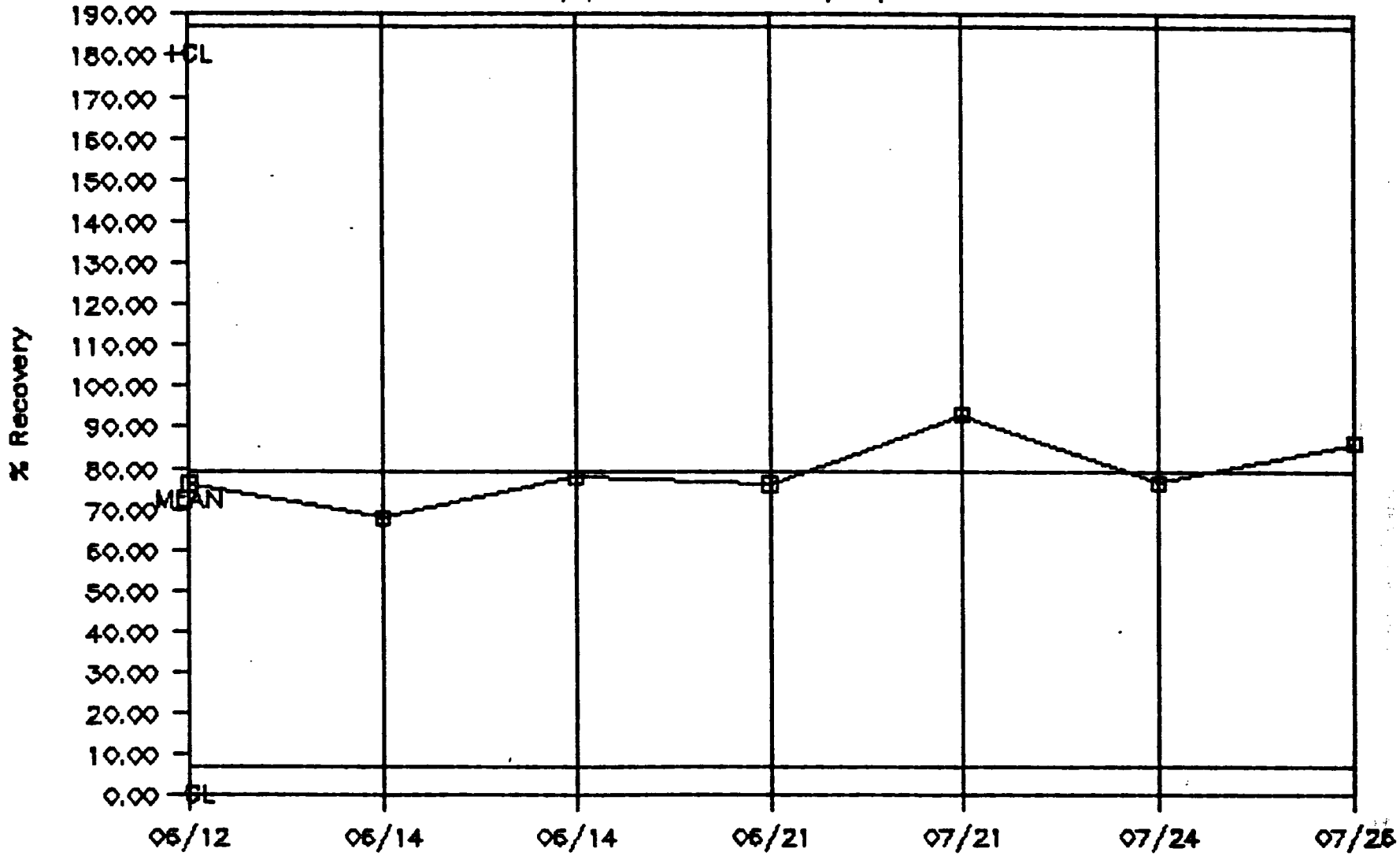
Spiked Sample Chart [Waste Water]

1,2-Dichloropropane (601)



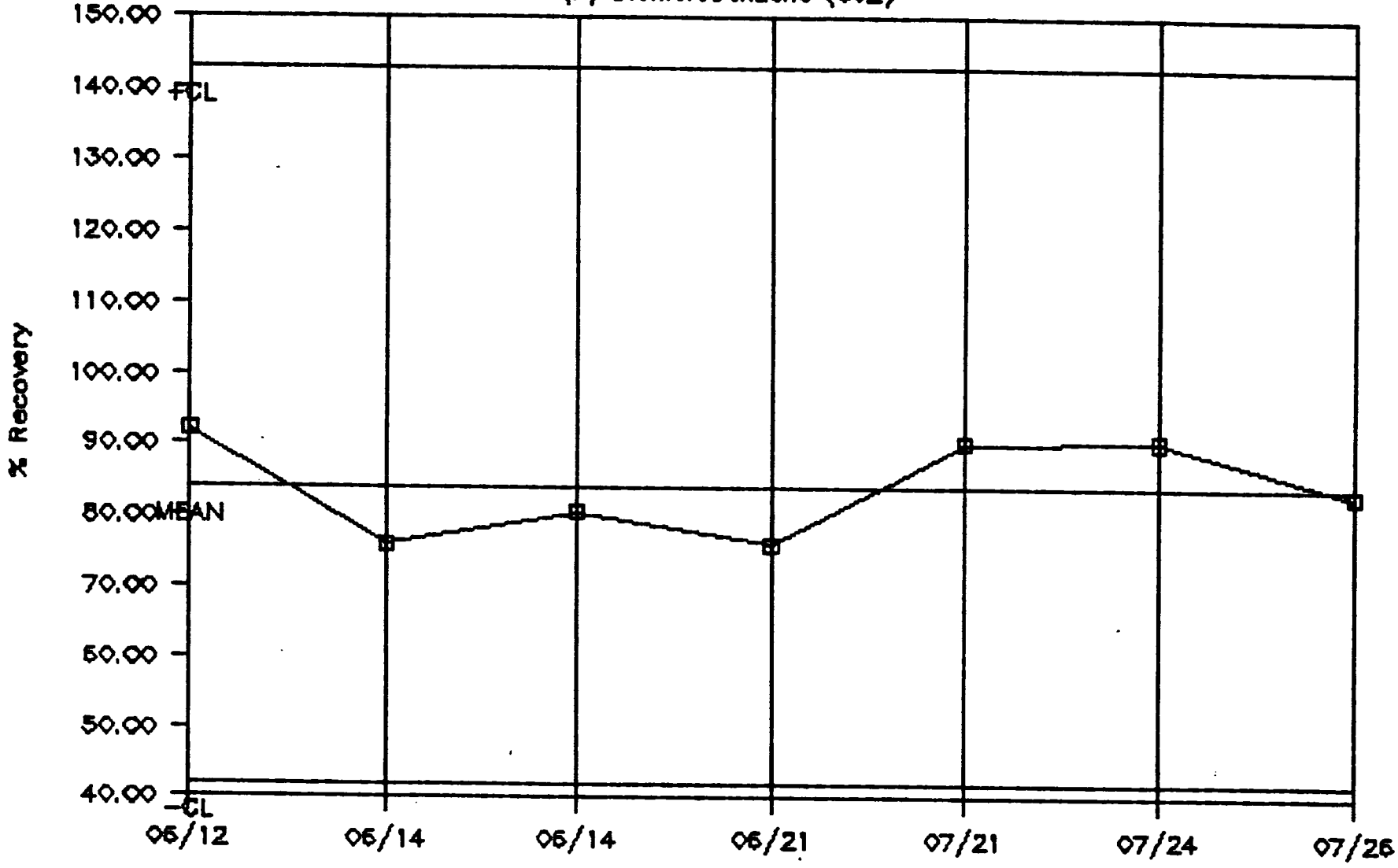
Spiked Sample Chart [Waste Water]

(O) Dichlorobenzene (601)



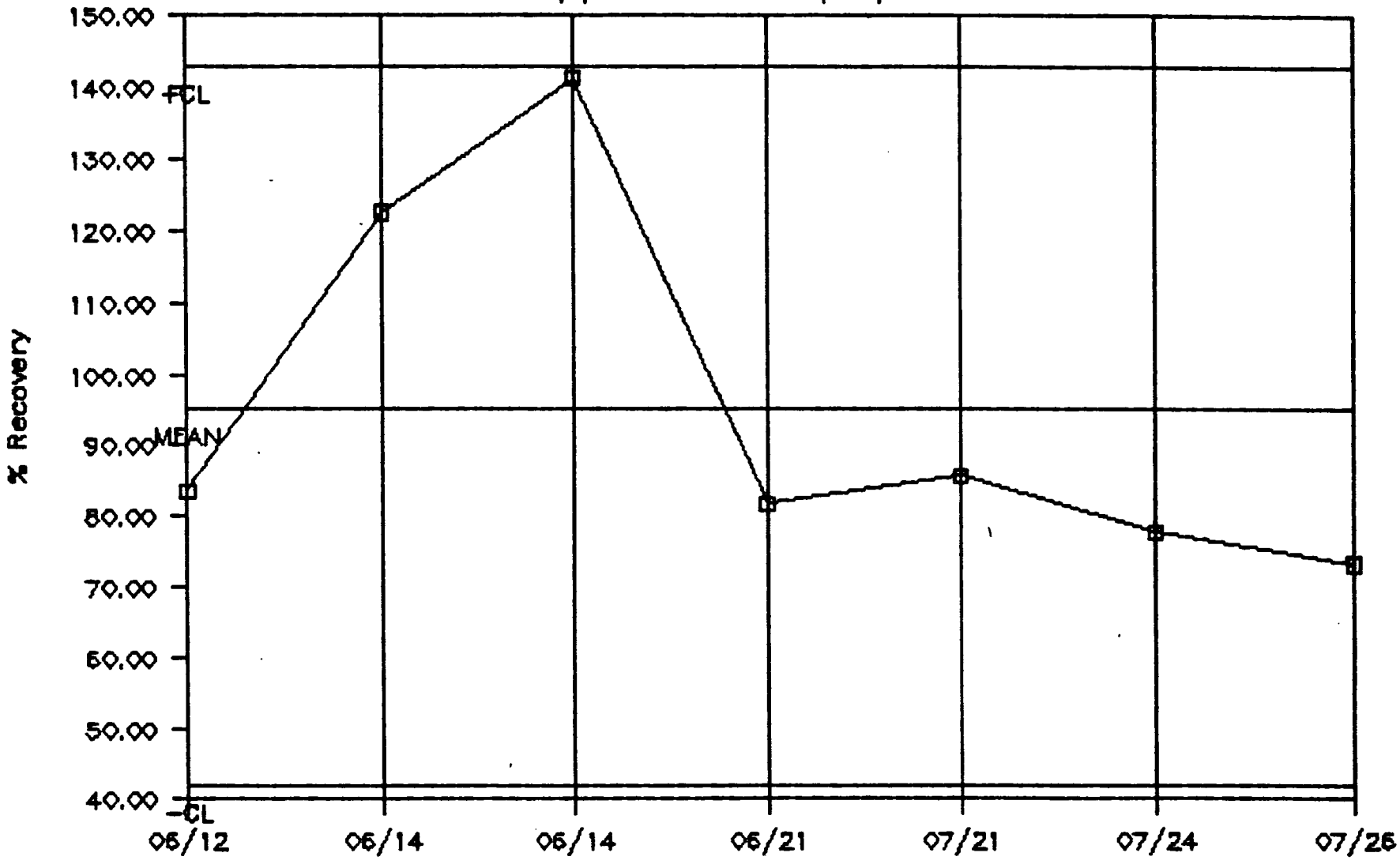
Spiked Sample Chart [Waste Water]

(P) Dichlorobenzene (502)



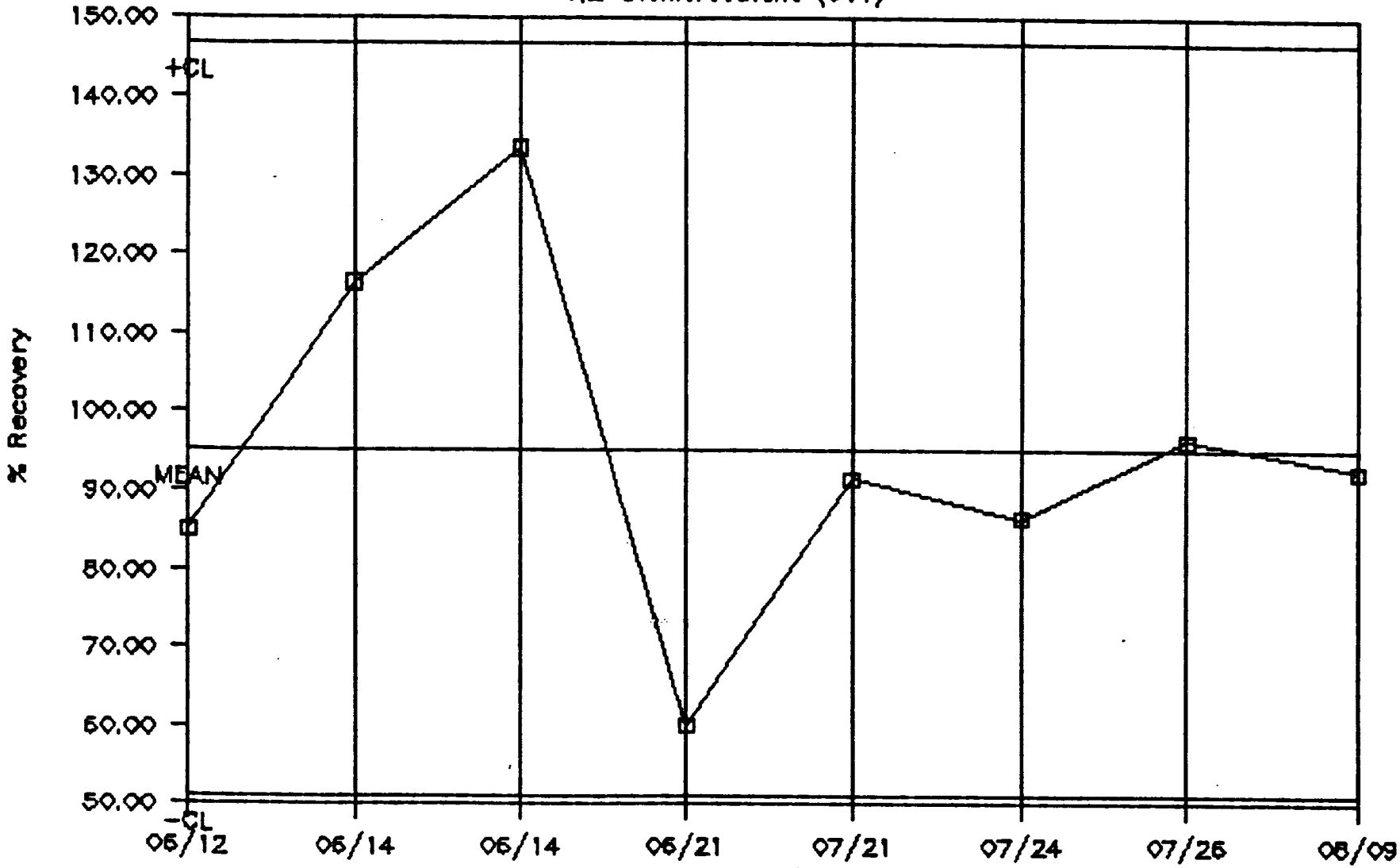
Spiked Sample Chart [Waste Water]

(P) Dichlorobenzene (601)



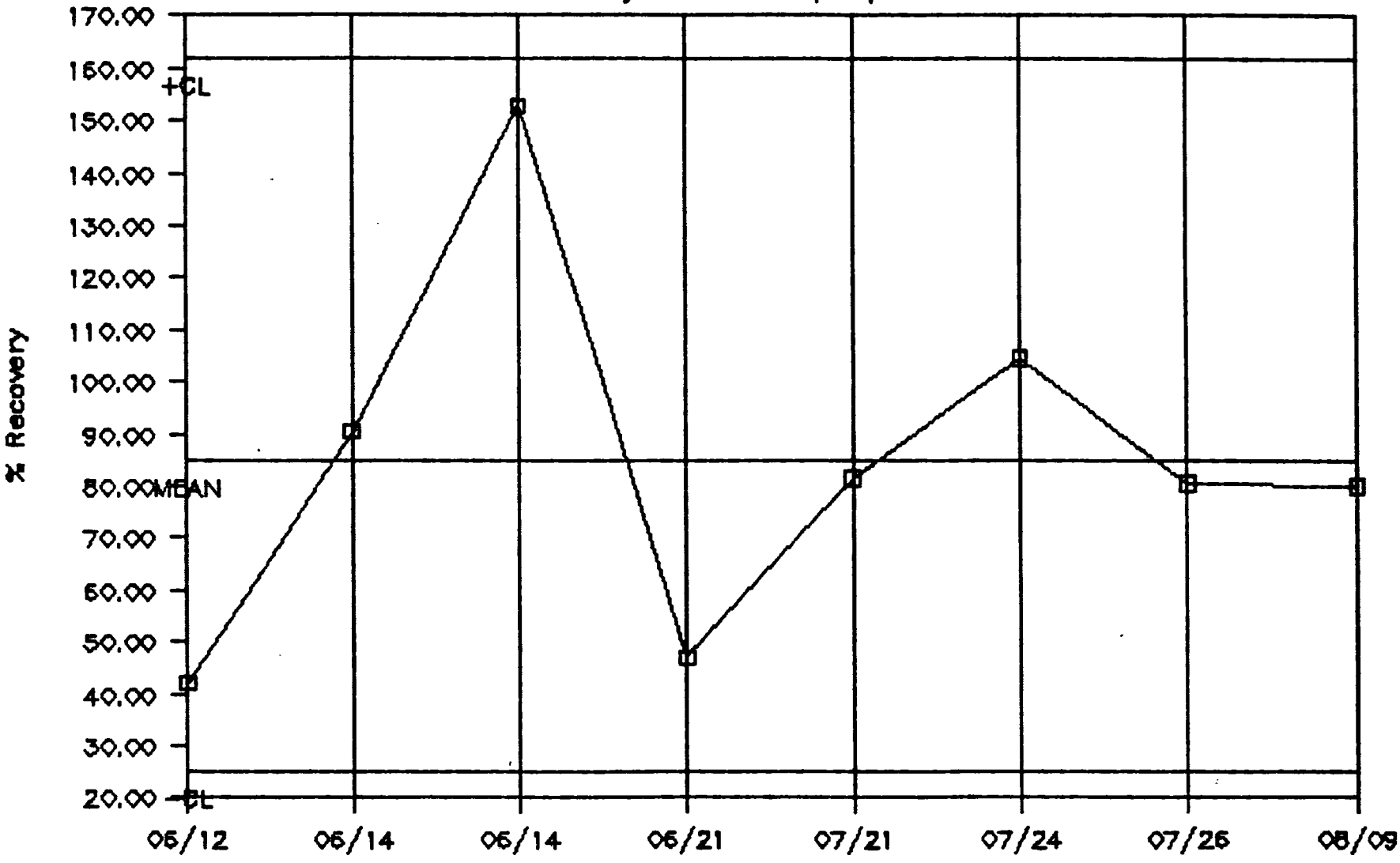
Spiked Sample Chart [Waste Water]

1,2-Dichloroethane (601)



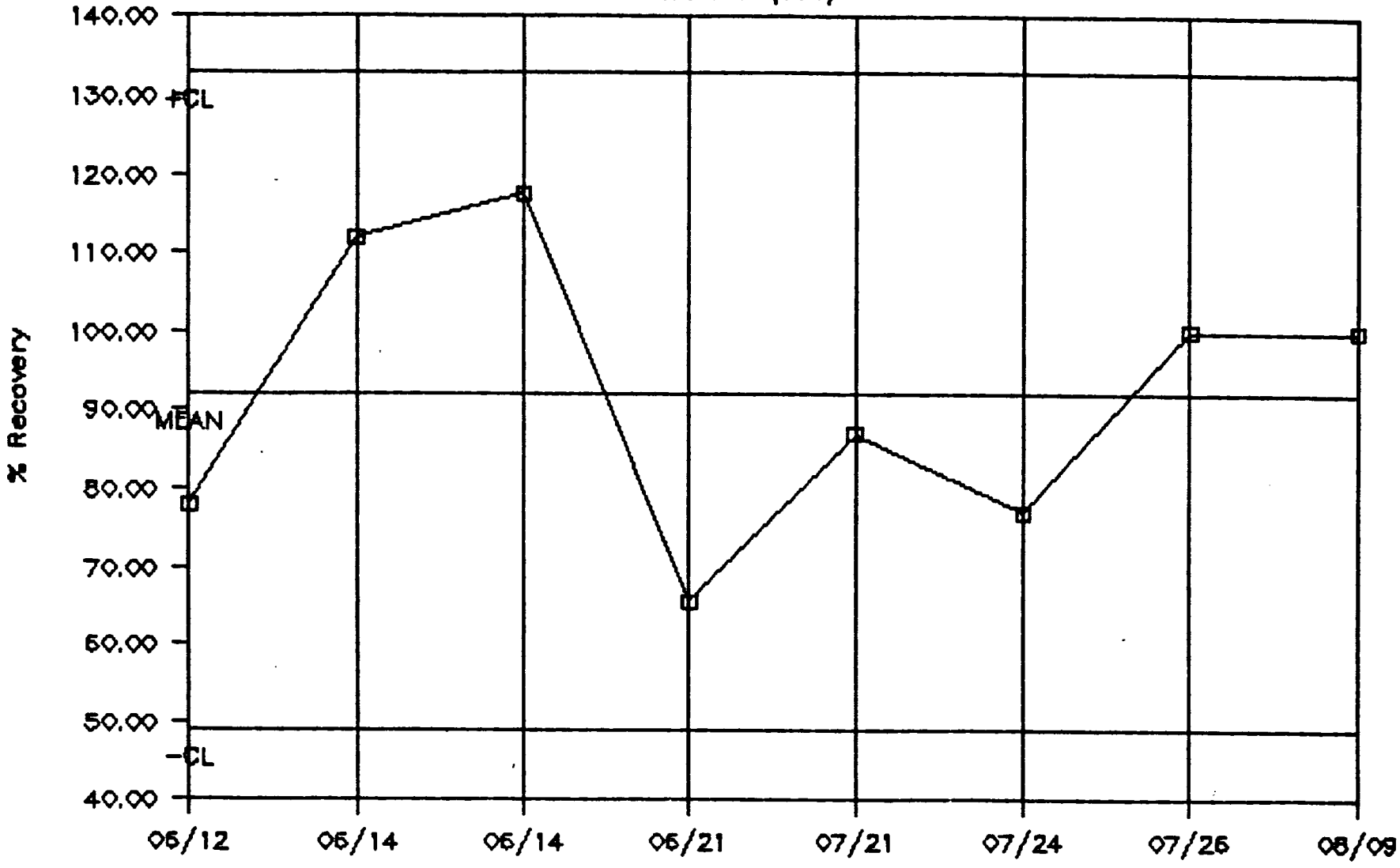
Spiked Sample Chart [Waste Water]

Methylene Chloride (501)

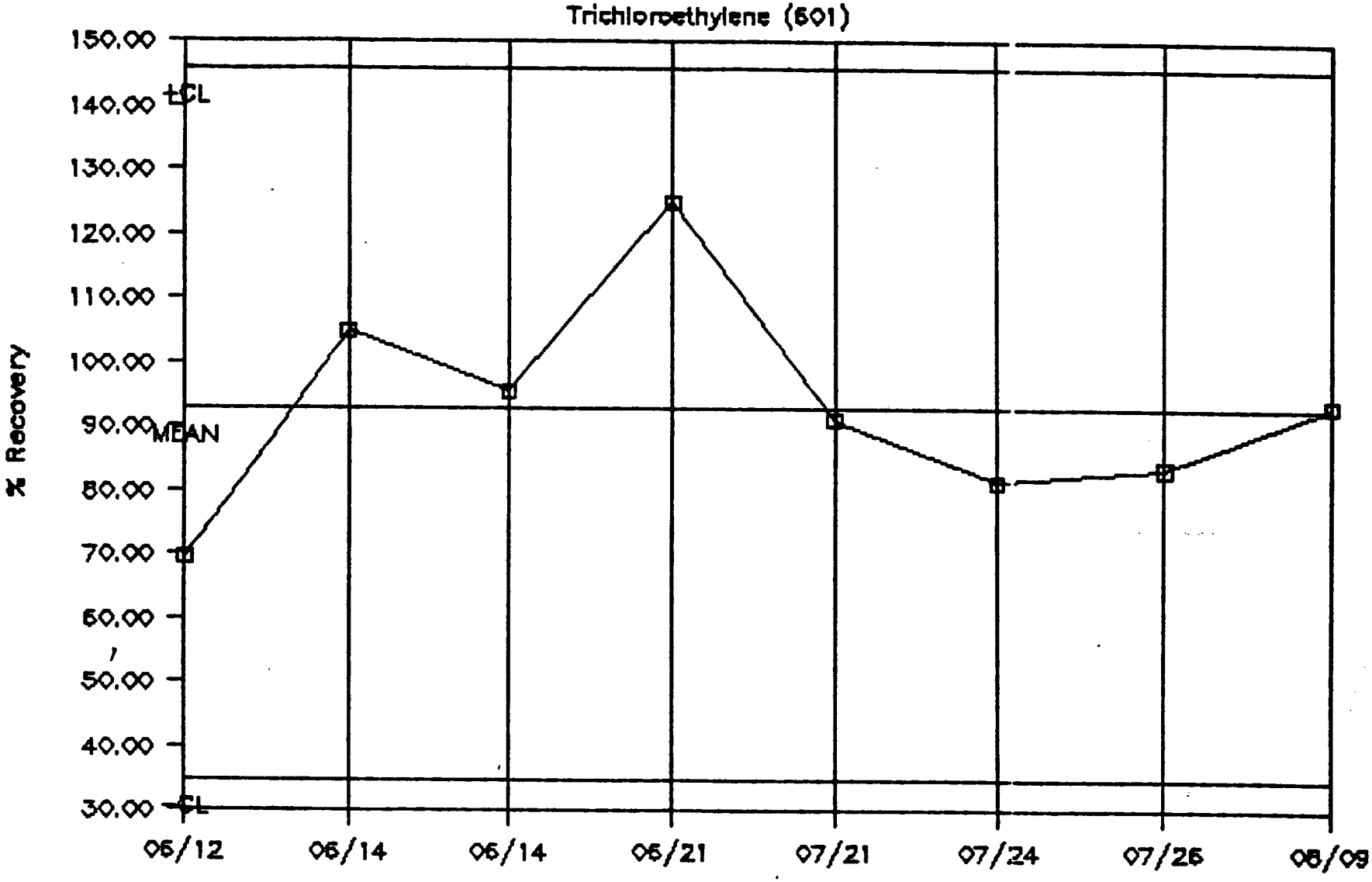


Spiked Sample Chart [Waste Water]

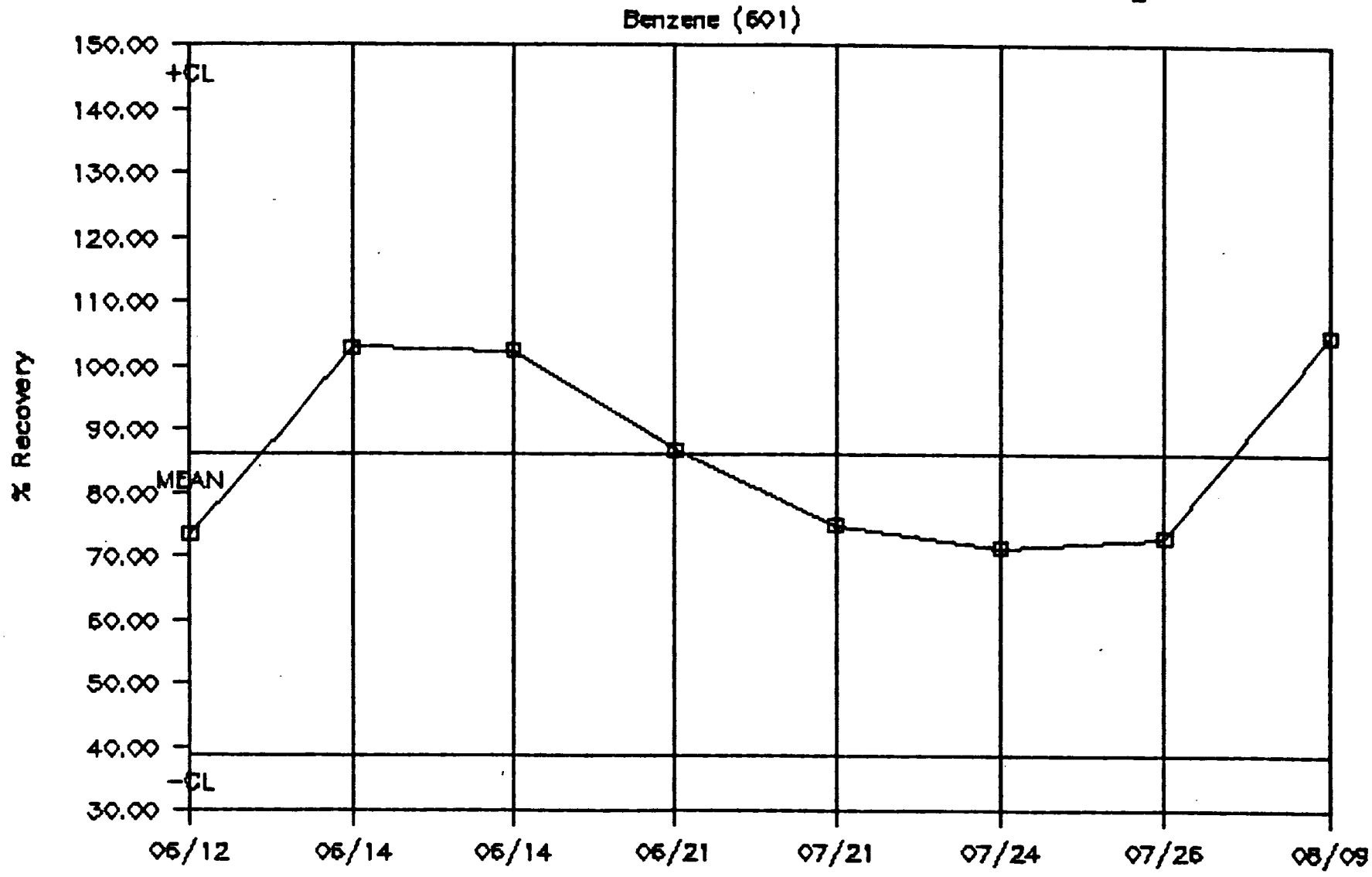
Chloroform (501)



Spiked Sample Chart [Waste Water]

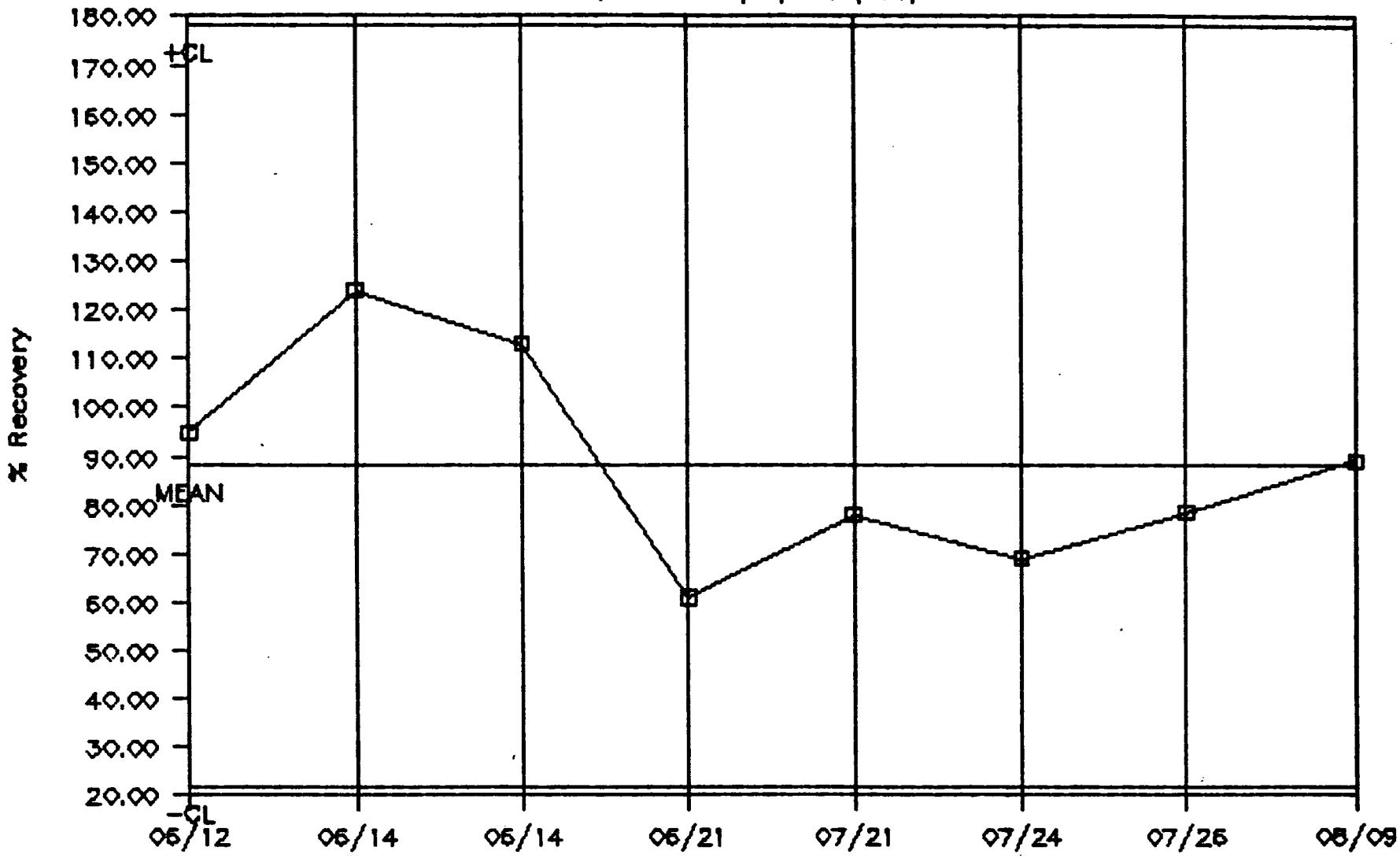


Spiked Sample Chart [Waste Water]



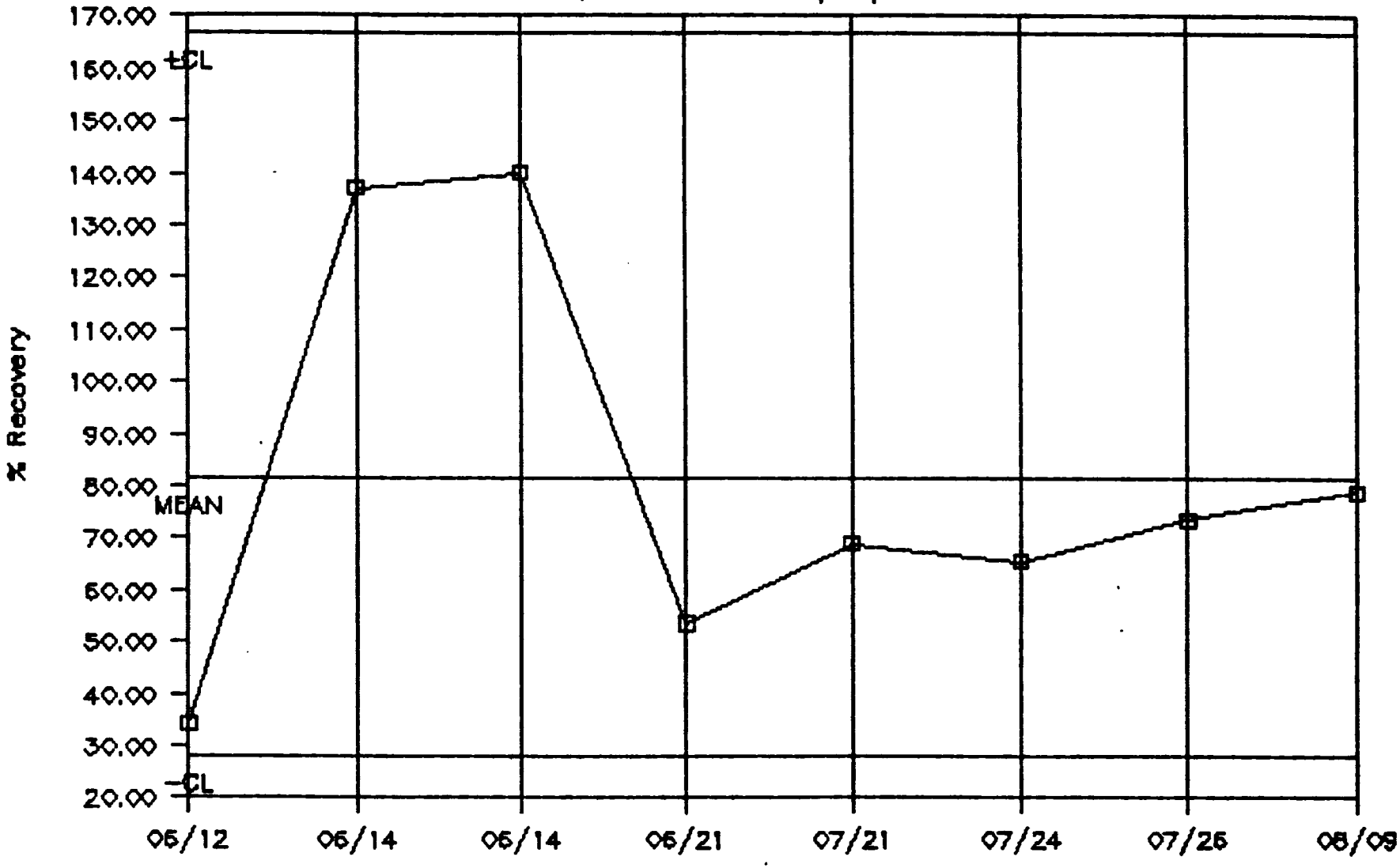
Spiked Sample Chart [Waste Water]

cis-1,3-Dichloropropene (601)



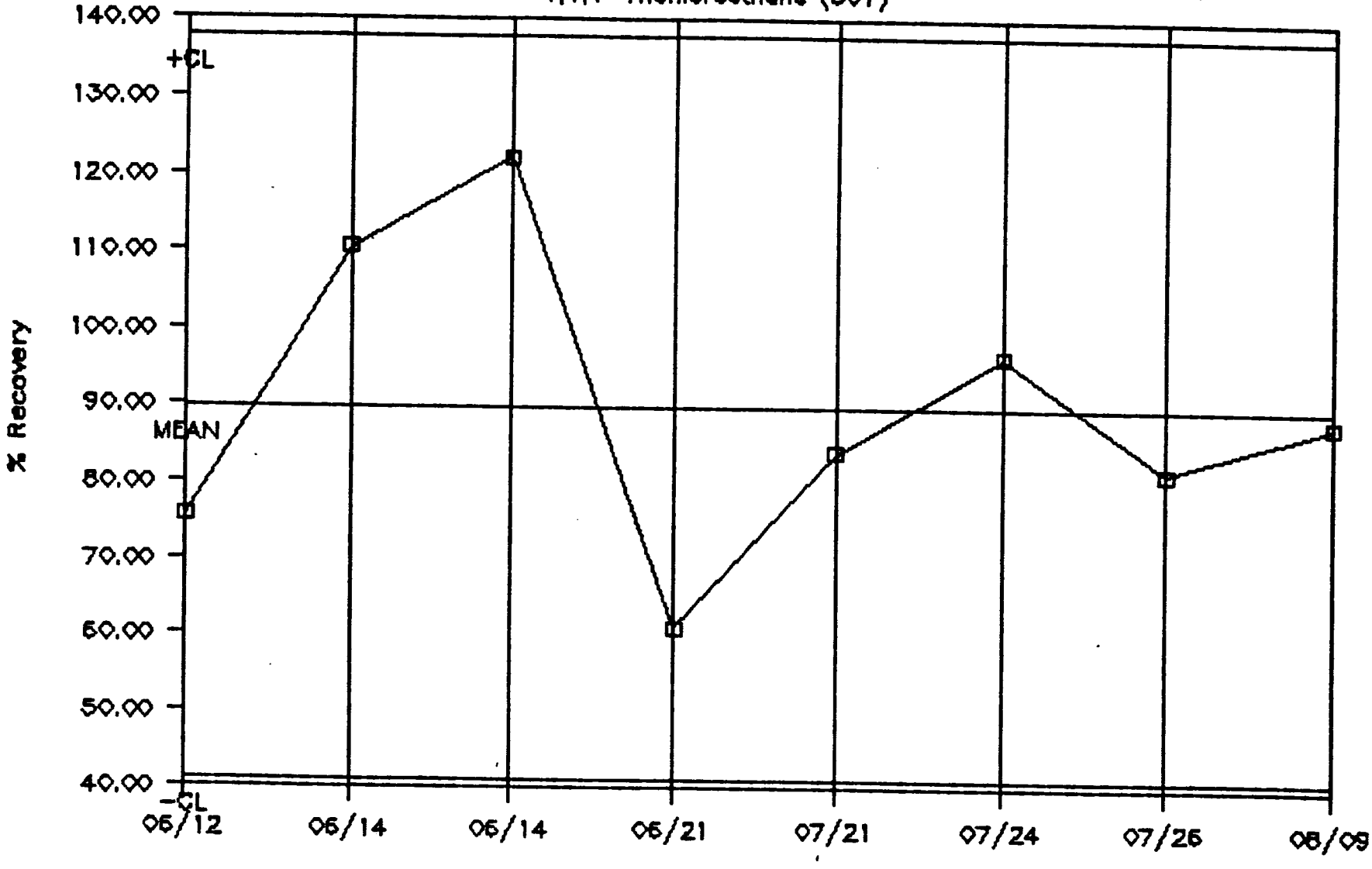
Spiked Sample Chart [Waste Water]

1,1-Dichloroethene (601)



Spiked Sample Chart [Waste Water]

1,1,1-Trichloroethane (601)



VOLUMETRIC TECHNIQUES, LTD. ** QUALITY CONTROL **

Organics Data July 1987 WW - Waste Water DW - Drinking Water
SW - Solid Waste AR- Air

CODES I. Pesticides/Herbicides / DW 502.2 method
II. Trihalomethanes / DW 502.2 method
III. Purgeables / WW 601 method
IV. Extractables / WW 601 method
V. Purgeables / WW 602 method
VI. Extractables / WW 602 method
VII. Vol. Halocarbons/Aromatics & Microextractables / DW

Date	Sample #	Typ	Result1	Result2	Conc./Spike		Mat	Inst	Code	Abrv.
07/21		Lin	1356850	0.0000	20.00	ppb	WW	GC	III	AA
07/21		Lin	710355	0.0000	10.00	ppb	WW	GC	III	AA
07/21		Lin	2783173	0.0000	40.00	ppb	WW	GC	III	AA
07/21		Lin	7086036	0.0000	100.00	ppb	WW	GC	III	AA
07/21		Lin	83333	0.0000	2.00	ppb	WW	GC	III	AA
07/21		Lin	981158	0.0000	10.00	ppb	WW	GC	III	B
07/21		Lin	1752820	0.0000	20.00	ppb	WW	GC	III	B
07/21		Lin	3598413	0.0000	40.00	ppb	WW	GC	III	B
07/21		Lin	170917	0.0000	2.00	ppb	WW	GC	III	B
07/21		Lin	10563670	0.0000	100.00	ppb	WW	GC	III	B
07/21		Lin	102891	0.0000	10.00	ppb	WW	GC	V	BEN
07/21		Lin	329435	0.0000	40.00	ppb	WW	GC	V	BEN
07/21		Lin	56544	0.0000	2.00	ppb	WW	GC	V	BEN
07/21		Lin	157991	0.0000	20.00	ppb	WW	GC	V	BEN
07/21		Lin	892009	0.0000	100.00	ppb	WW	GC	V	BEN
07/21		Lin	2806531	0.0000	2.00	ppb	WW	GC	III	C
07/21		Lin	5495323	0.0000	20.00	ppb	WW	GC	III	C
07/21		Lin	20804552	0.0000	100.00	ppb	WW	GC	III	C
07/21		Lin	13179123	0.0000	10.00	ppb	WW	GC	III	C
07/21		Lin	9788188	0.0000	40.00	ppb	WW	GC	III	C
07/21		Lin	1693336	0.0000	20.00	ppb	WW	GC	III	CCN
07/21		Lin	338550	0.0000	40.00	ppb	WW	GC	III	CCN
07/21		Lin	6245085	0.0000	80.00	ppb	WW	GC	III	CCN
07/21		Lin	11908185	0.0000	200.00	ppb	WW	GC	III	CCN
07/21		Lin	350477	0.0000	4.00	ppb	WW	GC	III	CCN
07/21		Lin	3435934	0.0000	40.00	ppb	WW	GC	III	D/F
07/21		Lin	1644490	0.0000	20.00	ppb	WW	GC	III	D/F
07/21		Lin	9285787	0.0000	100.00	ppb	WW	GC	III	D/F
07/21		Lin	132034	0.0000	2.00	ppb	WW	GC	III	D/F
07/21		Lin	930836	0.0000	10.00	ppb	WW	GC	III	D/F
07/21		Lin	133883	0.0000	2.00	ppb	WW	GC	III	E
07/21		Lin	1534986	0.0000	20.00	ppb	WW	GC	III	E
07/21		Lin	826205	0.0000	10.00	ppb	WW	GC	III	E
07/21		Lin	8709819	0.0000	100.00	ppb	WW	GC	III	E
07/21		Lin	3256268	0.0000	40.00	ppb	WW	GC	III	E
07/21		Lin	231406	0.0000	40.00	ppb	WW	GC	V	ET-B
07/21		Lin	184533	0.0000	20.00	ppb	WW	GC	V	ET-B
07/21		Lin	72817	0.0000	10.00	ppb	WW	GC	V	ET-B
07/21		Lin	632950	0.0000	100.00	ppb	WW	GC	V	ET-B
07/21		Lin	35123	0.0000	2.00	ppb	WW	GC	V	ET-B
07/21		Lin	272993	0.0000	2.00	ppb	WW	GC	III	G
07/21		Lin	2360768	0.0000	20.00	ppb	WW	GC	III	G
07/21		Lin	1322065	0.0000	10.00	ppb	WW	GC	III	G
07/21		Lin	5083975	0.0000	40.00	ppb	WW	GC	III	G
07/21		Lin	12674144	0.0000	100.00	ppb	WW	GC	III	G
07/21		Lin	1014504	0.0000	10.00	ppb	WW	GC	III	H
07/21		Lin	1847209	0.0000	20.00	ppb	WW	GC	III	H

VOLUMETRIC TECHNIQUES, LTD. ** QUALITY CONTROL **

07/21	Lin	3845953	0.0000	40.00	ppb	WW	GC	III	H
07/21	Lin	9688701	0.0000	100.00	ppb	WW	GC	III	H
07/21	Lin	159871	0.0000	2.00	ppb	WW	GC	III	H
07/21	Lin	3521261	0.0000	40.00	ppb	WW	GC	III	I
07/21	Lin	9760855	0.0000	100.00	ppb	WW	GC	III	I
07/21	Lin	186528	0.0000	2.00	ppb	WW	GC	III	I
07/21	Lin	924200	0.0000	10.00	ppb	WW	GC	III	I
07/21	Lin	1741315	0.0000	20.00	ppb	WW	GC	III	I
07/21	Lin	1239377	0.0000	10.00	ppb	WW	GC	III	K
07/21	Lin	2274425	0.0000	20.00	ppb	WW	GC	III	K
07/21	Lin	4570814	0.0000	40.00	ppb	WW	GC	III	K
07/21	Lin	15730539	0.0000	100.00	ppb	WW	GC	III	K
07/21	Lin	189437	0.0000	2.00	ppb	WW	GC	III	K
07/21	Lin	593559	0.0000	10.00	ppb	WW	GC	III	L
07/21	Lin	3186450	0.0000	40.00	ppb	WW	GC	III	L
07/21	Lin	1357252	0.0000	20.00	ppb	WW	GC	III	L
07/21	Lin	8702389	0.0000	100.00	ppb	WW	GC	III	L
07/21	Lin	167441	0.0000	2.00	ppb	WW	GC	III	L
07/21	Lin	2756083	0.0000	40.00	ppb	WW	GC	III	MM
07/21	Lin	7721660	0.0000	100.00	ppb	WW	GC	III	MM
07/21	Lin	152257	0.0000	2.00	ppb	WW	GC	III	MM
07/21	Lin	784780	0.0000	10.00	ppb	WW	GC	III	MM
07/21	Lin	1299590	0.0000	20.00	ppb	WW	GC	III	MM
07/21	Lin	234287	0.0000	6.00	ppb	WW	GC	III	MOZ
07/21	Lin	7750036	0.0000	120.00	ppb	WW	GC	III	MOZ
07/21	Lin	1791101	0.0000	30.00	ppb	WW	GC	III	MOZ
07/21	Lin	3571971	0.0000	60.00	ppb	WW	GC	III	MOZ
07/21	Lin	18345789	0.0000	300.00	ppb	WW	GC	III	MOZ
07/21	Lin	229247	0.0000	40.00	ppb	WW	GC	V	M-DCB
07/21	Lin	1244495	0.0000	200.00	ppb	WW	GC	V	M-DCB
07/21	Lin	133765	0.0000	20.00	ppb	WW	GC	V	M-DCB
07/21	Lin	12620876	0.0000	200.00	ppb	WW	GC	III	M-DCB
07/21	Lin	4295852	0.0000	80.00	ppb	WW	GC	III	M-DCB
07/21	Lin	183377	0.0000	4.00	ppb	WW	GC	III	M-DCB
07/21	Lin	444960	0.0000	80.00	ppb	WW	GC	V	M-DCB
07/21	Lin	2239232	0.0000	40.00	ppb	WW	GC	III	M-DCB
07/21	Lin	1215336	0.0000	20.00	ppb	WW	GC	III	M-DCB
07/21	Lin	2530215	0.0000	40.00	ppb	WW	GC	III	O-DCB
07/21	Lin	1286836	0.0000	20.00	ppb	WW	GC	III	O-DCB
07/21	Lin	182862	0.0000	40.00	ppb	WW	GC	V	O-DCB
07/21	Lin	223711	0.0000	4.00	ppb	WW	GC	III	O-DCB
07/21	Lin	4896303	0.0000	80.00	ppb	WW	GC	III	O-DCB
07/21	Lin	13775814	0.0000	200.00	ppb	WW	GC	III	O-DCB
07/21	Lin	108228	0.0000	20.00	ppb	WW	GC	V	O-DCB
07/21	Lin	371718	0.0000	80.00	ppb	WW	GC	V	O-DCB
07/21	Lin	994182	0.0000	200.00	ppb	WW	GC	V	O-DCB
07/21	Lin	13491133	0.0000	200.00	ppb	WW	GC	III	P-DCB
07/21	Lin	430577	0.0000	80.00	ppb	WW	GC	V	P-DCB
07/21	Lin	228082	0.0000	40.00	ppb	WW	GC	V	P-DCB
07/21	Lin	1495149	0.0000	20.00	ppb	WW	GC	III	P-DCB
07/21	Lin	236957	0.0000	4.00	ppb	WW	GC	III	P-DCB
07/21	Lin	5022245	0.0000	80.00	ppb	WW	GC	III	P-DCB
07/21	Lin	1153957	0.0000	200.00	ppb	WW	GC	V	P-DCB
07/21	Lin	2734129	0.0000	40.00	ppb	WW	GC	III	P-DCB
07/21	Lin	133028	0.0000	20.00	ppb	WW	GC	V	P-DCB
07/21	Lin	625926	0.0000	80.00	ppb	WW	GC	V	Q
07/21	Lin	1467308	0.0000	200.00	ppb	WW	GC	V	Q
07/21	Lin	8509861	0.0000	200.00	ppb	WW	GC	III	Q
07/21	Lin	177920	0.0000	4.00	ppb	WW	GC	III	Q
07/21	Lin	382113	0.0000	20.00	ppb	WW	GC	V	Q

VOLUMETRIC TECHNIQUES, LTD. ** QUALITY CONTROL **

07/21	Lin	1770728	0.0000	40.00	ppb	WW	GC	III	Q
07/21	Lin	3404135	0.0000	80.00	ppb	WW	GC	III	Q
07/21	Lin	901303	0.0000	20.00	ppb	WW	GC	III	Q
07/21	Lin	292422	0.0000	40.00	ppb	WW	GC	V	Q
07/21	Lin	58070	0.0000	4.00	ppb	WW	GC	V	Q
07/21	Lin	2043188	0.0000	20.00	ppb	WW	GC	III	T
07/21	Lin	11546975	0.0000	100.00	ppb	WW	GC	III	T
07/21	Lin	4110071	0.0000	40.00	ppb	WW	GC	III	T
07/21	Lin	147226	0.0000	2.00	ppb	WW	GC	III	T
07/21	Lin	1104319	0.0000	10.00	ppb	WW	GC	III	T
07/21	Lin	26450	0.0000	2.00	ppb	WW	GC	V	TOL
07/21	Lin	126296	0.0000	20.00	ppb	WW	GC	V	TOL
07/21	Lin	254881	0.0000	40.00	ppb	WW	GC	V	TOL
07/21	Lin	77238	0.0000	10.00	ppb	WW	GC	V	TOL
07/21	Lin	694913	0.0000	100.00	ppb	WW	GC	V	TOL
07/21	Lin	93905	0.0000	2.00	ppb	WW	GC	III	X
07/21	Lin	2973177	0.0000	40.00	ppb	WW	GC	III	X
07/21	Lin	8069336	0.0000	100.00	ppb	WW	GC	III	X
07/21	Lin	708762	0.0000	10.00	ppb	WW	GC	III	X
07/21	Lin	1338006	0.0000	20.00	ppb	WW	GC	III	X
05/09	Ref	20.9000	19.1000	4.60	SD	WW	GC	III	AA
05/10	Ref	11.6000	19.1000	4.60	SD	WW	GC	III	AA
05/12	Ref	20.4000	19.1000	4.60	SD	WW	GC	III	AA
06/08	Ref	17.8000	19.1000	4.60	SD	WW	GC	III	AA
06/22	Ref	25.7000	19.1000	4.60	SD	WW	GC	III	AA
06/13	Ref	20.4000	19.1000	4.60	SD	WW	GC	III	AA
05/16	Ref	27.1000	19.1000	4.60	SD	WW	GC	III	AA
05/08	Ref	20.7000	19.1000	4.60	SD	WW	GC	III	AA
05/18	Ref	19.8000	19.1000	4.60	SD	WW	GC	III	AA
06/12	Ref	18.7000	19.1000	4.60	SD	WW	GC	III	AA
06/21	Ref	18.9000	19.1000	4.60	SD	WW	GC	III	AA
06/14	Ref	27.8000	19.1000	4.60	SD	WW	GC	III	AA
06/15	Ref	21.8000	19.1000	4.60	SD	WW	GC	III	AA
06/15	Ref	20.2000	22.4000	5.10	SD	WW	GC	III	B
06/08	Ref	28.8000	22.4000	5.10	SD	WW	GC	III	B
05/10	Ref	15.9000	22.4000	5.10	SD	WW	GC	III	B
06/21	Ref	19.4000	22.4000	5.10	SD	WW	GC	III	B
05/12	Ref	23.4000	22.4000	5.10	SD	WW	GC	III	B
06/13	Ref	22.5000	22.4000	5.10	SD	WW	GC	III	B
06/12	Ref	14.4000	22.4000	5.10	SD	WW	GC	III	B
06/22	Ref	26.9000	22.4000	5.10	SD	WW	GC	III	B
05/09	Ref	21.6000	22.4000	5.10	SD	WW	GC	III	B
06/14	Ref	25.9000	22.4000	5.10	SD	WW	GC	III	B
05/16	Ref	26.8000	22.4000	5.10	SD	WW	GC	III	B
05/08	Ref	19.9000	22.4000	5.10	SD	WW	GC	III	B
05/18	Ref	30.8000	22.4000	5.10	SD	WW	GC	III	B
05/09	Ref	30.6000	20.8000	2.90	SD	WW	GC	III	BEN
06/12	Ref	16.4000	20.8000	2.90	SD	WW	GC	III	BEN
06/08	Ref	14.9000	20.8000	2.90	SD	WW	GC	III	BEN
06/21	Ref	20.8000	20.8000	2.90	SD	WW	GC	III	BEN
05/18	Ref	23.3000	20.8000	2.90	SD	WW	GC	III	BEN
06/14	Ref	22.9000	20.8000	2.90	SD	WW	GC	III	BEN
05/16	Ref	23.1000	20.8000	2.90	SD	WW	GC	III	BEN
06/22	Ref	19.1000	20.8000	2.90	SD	WW	GC	III	BEN
06/13	Ref	19.5000	20.8000	2.90	SD	WW	GC	III	BEN
06/15	Ref	16.2000	20.8000	2.90	SD	WW	GC	III	BEN
05/08	Ref	16.2000	20.8000	2.90	SD	WW	GC	III	BEN
06/22	Ref	24.2000	21.6000	3.20	SD	WW	GC	III	C
05/08	Ref	17.0000	21.6000	3.20	SD	WW	GC	III	C
06/12	Ref	15.6000	21.6000	3.20	SD	WW	GC	III	C

VOLUMETRIC TECHNIQUES, LTD. ** QUALITY CONTROL **

05/18	Ref	29.1000	21.6000	3.20	SD	WW	GC	III	C
06/13	Ref	19.9000	21.6000	3.20	SD	WW	GC	III	C
05/12	Ref	24.9000	21.6000	3.20	SD	WW	GC	III	C
06/14	Ref	24.9000	21.6000	3.20	SD	WW	GC	III	C
05/09	Ref	13.5000	21.6000	3.20	SD	WW	GC	III	C
06/15	Ref	20.9000	21.6000	3.20	SD	WW	GC	III	C
05/16	Ref	19.4000	21.6000	3.20	SD	WW	GC	III	C
06/08	Ref	15.5000	21.6000	3.20	SD	WW	GC	III	C
05/10	Ref	10.7000	21.6000	3.20	SD	WW	GC	III	C
06/21	Ref	27.3000	21.6000	3.20	SD	WW	GC	III	C
06/12	Ref	36.5000	43.4000	8.90	SD	WW	GC	III	CCN
05/08	Ref	41.7100	43.4000	8.90	SD	WW	GC	III	CCN
05/09	Ref	40.2000	43.4000	8.90	SD	WW	GC	III	CCN
06/14	Ref	32.5000	43.4000	8.90	SD	WW	GC	III	CCN
05/12	Ref	76.9000	43.4000	8.90	SD	WW	GC	III	CCN
06/15	Ref	44.4000	43.4000	8.90	SD	WW	GC	III	CCN
05/18	Ref	47.9000	43.4000	8.90	SD	WW	GC	III	CCN
06/21	Ref	20.9000	43.4000	8.90	SD	WW	GC	III	CCN
05/10	Ref	24.6000	43.4000	8.90	SD	WW	GC	III	CCN
06/08	Ref	42.1000	43.4000	8.90	SD	WW	GC	III	CCN
05/16	Ref	25.4000	43.4000	8.90	SD	WW	GC	III	CCN
06/22	Ref	49.5000	43.4000	8.90	SD	WW	GC	III	CCN
05/09	Ref	22.6000	23.1000	4.50	SD	WW	GC	III	D/F
06/12	Ref	13.1000	23.1000	4.50	SD	WW	GC	III	D/F
06/13	Ref	21.6000	23.1000	4.50	SD	WW	GC	III	D/F
05/10	Ref	17.3000	23.1000	4.50	SD	WW	GC	III	D/F
06/14	Ref	25.7000	23.1000	4.50	SD	WW	GC	III	D/F
05/16	Ref	27.2000	23.1000	4.50	SD	WW	GC	III	D/F
06/15	Ref	19.2000	23.1000	4.50	SD	WW	GC	III	D/F
06/08	Ref	19.0000	23.1000	4.50	SD	WW	GC	III	D/F
06/21	Ref	18.9000	23.1000	4.50	SD	WW	GC	III	D/F
05/12	Ref	18.8000	23.1000	4.50	SD	WW	GC	III	D/F
05/08	Ref	25.6000	23.1000	4.50	SD	WW	GC	III	D/F
05/18	Ref	30.2000	23.1000	4.50	SD	WW	GC	III	D/F
06/22	Ref	28.4000	23.1000	4.50	SD	WW	GC	III	D/F
06/14	Ref	29.3000	20.9000	5.80	SD	WW	GC	III	E
05/18	Ref	23.8000	20.9000	5.80	SD	WW	GC	III	E
05/16	Ref	24.8000	20.9000	5.80	SD	WW	GC	III	E
06/21	Ref	15.8000	20.9000	5.80	SD	WW	GC	III	E
05/12	Ref	38.2000	20.9000	5.80	SD	WW	GC	III	E
06/13	Ref	20.6000	20.9000	5.80	SD	WW	GC	III	E
05/10	Ref	11.1000	20.9000	5.80	SD	WW	GC	III	E
06/08	Ref	21.2000	20.9000	5.80	SD	WW	GC	III	E
05/09	Ref	25.2000	20.9000	5.80	SD	WW	GC	III	E
06/15	Ref	16.9000	20.9000	5.80	SD	WW	GC	III	E
06/22	Ref	27.1000	20.9000	5.80	SD	WW	GC	III	E
06/12	Ref	19.4000	20.9000	5.80	SD	WW	GC	III	E
05/08	Ref	25.4000	20.9000	5.80	SD	WW	GC	III	E
06/15	Ref	16.0000	17.1000	3.20	SD	WW	GC	III	ET-B
06/08	Ref	14.8000	17.1000	3.20	SD	WW	GC	III	ET-B
06/12	Ref	15.9000	17.1000	3.20	SD	WW	GC	III	ET-B
05/08	Ref	10.0000	17.1000	3.20	SD	WW	GC	III	ET-B
06/13	Ref	18.9000	17.1000	3.20	SD	WW	GC	III	ET-B
05/16	Ref	22.5000	17.1000	3.20	SD	WW	GC	III	ET-B
06/14	Ref	23.9000	17.1000	3.20	SD	WW	GC	III	ET-B
06/22	Ref	16.8000	17.1000	3.20	SD	WW	GC	III	ET-B
05/18	Ref	22.1000	17.1000	3.20	SD	WW	GC	III	ET-B
05/09	Ref	23.5000	17.1000	3.20	SD	WW	GC	III	ET-B
06/21	Ref	15.2000	17.1000	3.20	SD	WW	GC	III	ET-B
05/09	Ref	24.2000	24.4000	4.30	SD	WW	GC	III	G

VOLUMETRIC TECHNIQUES, LTD. ** QUALITY CONTROL **

06/08	Ref	17.9000	24.4000	4.30	SD	WW	GC	III	G
06/12	Ref	16.1000	24.4000	4.30	SD	WW	GC	III	G
06/22	Ref	27.8000	24.4000	4.30	SD	WW	GC	III	G
06/13	Ref	20.5000	24.4000	4.30	SD	WW	GC	III	G
05/12	Ref	19.9000	24.4000	4.30	SD	WW	GC	III	G
06/14	Ref	22.9000	24.4000	4.30	SD	WW	GC	III	G
05/18	Ref	31.4000	24.4000	4.30	SD	WW	GC	III	G
06/15	Ref	21.2000	24.4000	4.30	SD	WW	GC	III	G
05/10	Ref	17.7000	24.4000	4.30	SD	WW	GC	III	G
05/08	Ref	18.4000	24.4000	4.30	SD	WW	GC	III	G
05/16	Ref	28.1000	24.4000	4.30	SD	WW	GC	III	G
06/21	Ref	22.5000	24.4000	4.30	SD	WW	GC	III	G
06/12	Ref	16.0000	23.2000	4.50	SD	WW	GC	III	H
06/13	Ref	20.5000	23.2000	4.50	SD	WW	GC	III	H
05/09	Ref	17.8000	23.2000	4.50	SD	WW	GC	III	H
05/08	Ref	23.4000	23.2000	4.50	SD	WW	GC	III	H
06/08	Ref	16.8000	23.2000	4.50	SD	WW	GC	III	H
06/21	Ref	16.9000	23.2000	4.50	SD	WW	GC	III	H
05/18	Ref	19.9000	23.2000	4.50	SD	WW	GC	III	H
06/14	Ref	26.0000	23.2000	4.50	SD	WW	GC	III	H
05/16	Ref	28.6000	23.2000	4.50	SD	WW	GC	III	H
06/22	Ref	27.4000	23.2000	4.50	SD	WW	GC	III	H
05/10	Ref	14.4000	23.2000	4.50	SD	WW	GC	III	H
06/15	Ref	21.2000	23.2000	4.50	SD	WW	GC	III	H
05/12	Ref	19.2000	23.2000	4.50	SD	WW	GC	III	H
06/08	Ref	22.6000	19.9000	4.60	SD	WW	GC	III	I
05/09	Ref	18.1000	19.9000	4.60	SD	WW	GC	III	I
06/12	Ref	18.5000	19.9000	4.60	SD	WW	GC	III	I
05/08	Ref	21.7000	19.9000	4.60	SD	WW	GC	III	I
06/13	Ref	18.3000	19.9000	4.60	SD	WW	GC	III	I
05/12	Ref	10.5000	19.9000	4.60	SD	WW	GC	III	I
06/14	Ref	26.1000	19.9000	4.60	SD	WW	GC	III	I
05/18	Ref	30.7000	19.9000	4.60	SD	WW	GC	III	I
06/15	Ref	22.0000	19.9000	4.60	SD	WW	GC	III	I
05/10	Ref	18.9000	19.9000	4.60	SD	WW	GC	III	I
06/22	Ref	28.2000	19.9000	4.60	SD	WW	GC	III	I
05/16	Ref	27.2000	19.9000	4.60	SD	WW	GC	III	I
06/21	Ref	18.5000	19.9000	4.60	SD	WW	GC	III	I
05/08	Ref	24.0000	22.0000	4.70	SD	WW	GC	III	J
06/08	Ref	17.8000	22.0000	4.70	SD	WW	GC	III	J
06/12	Ref	16.6000	22.0000	4.70	SD	WW	GC	III	J
05/09	Ref	29.1000	22.0000	4.70	SD	WW	GC	III	J
06/13	Ref	19.8000	22.0000	4.70	SD	WW	GC	III	J
05/12	Ref	15.7000	22.0000	4.70	SD	WW	GC	III	J
06/14	Ref	23.5000	22.0000	4.70	SD	WW	GC	III	J
05/18	Ref	51.8000	22.0000	4.70	SD	WW	GC	III	J
06/15	Ref	21.6000	22.0000	4.70	SD	WW	GC	III	J
05/10	Ref	17.9000	22.0000	4.70	SD	WW	GC	III	J
06/21	Ref	14.7000	22.0000	4.70	SD	WW	GC	III	J
05/16	Ref	31.5000	22.0000	4.70	SD	WW	GC	III	J
06/22	Ref	28.0000	22.0000	4.70	SD	WW	GC	III	J
06/08	Ref	16.5000	22.5000	4.60	SD	WW	GC	III	K
05/18	Ref	26.5000	22.5000	4.60	SD	WW	GC	III	K
06/12	Ref	16.0000	22.5000	4.60	SD	WW	GC	III	K
05/08	Ref	26.2000	22.5000	4.60	SD	WW	GC	III	K
06/13	Ref	20.3000	22.5000	4.60	SD	WW	GC	III	K
05/10	Ref	12.7000	22.5000	4.60	SD	WW	GC	III	K
06/14	Ref	27.6000	22.5000	4.60	SD	WW	GC	III	K
05/16	Ref	27.7000	22.5000	4.60	SD	WW	GC	III	K
06/15	Ref	21.2000	22.5000	4.60	SD	WW	GC	III	K

VOLUMETRIC TECHNIQUES, LTD. ** QUALITY CONTROL **

05/09	Ref	20.8000	22.5000	4.60	SD	WW	GC	III	K
06/22	Ref	26.8000	22.5000	4.60	SD	WW	GC	III	K
05/12	Ref	18.3000	22.5000	4.60	SD	WW	GC	III	K
06/21	Ref	21.7000	22.5000	4.60	SD	WW	GC	III	K
06/12	Ref	18.5000	20.8000	4.50	SD	WW	GC	III	L
05/09	Ref	24.1000	20.8000	4.50	SD	WW	GC	III	L
05/08	Ref	19.8000	20.8000	4.50	SD	WW	GC	III	L
06/08	Ref	13.4000	20.8000	4.50	SD	WW	GC	III	L
06/13	Ref	20.8000	20.8000	4.50	SD	WW	GC	III	L
05/10	Ref	13.4000	20.8000	4.50	SD	WW	GC	III	L
06/14	Ref	26.3000	20.8000	4.50	SD	WW	GC	III	L
05/16	Ref	27.5000	20.8000	4.50	SD	WW	GC	III	L
06/15	Ref	21.6000	20.8000	4.50	SD	WW	GC	III	L
06/22	Ref	28.2000	20.8000	4.50	SD	WW	GC	III	L
05/18	Ref	22.7000	20.8000	4.50	SD	WW	GC	III	L
05/12	Ref	21.7000	20.8000	4.50	SD	WW	GC	III	L
06/21	Ref	19.7000	20.8000	4.50	SD	WW	GC	III	L
06/22	Ref	25.5000	18.3000	4.90	SD	WW	GC	III	MM
05/12	Ref	20.3000	18.3000	4.90	SD	WW	GC	III	MM
06/08	Ref	22.8000	18.3000	4.90	SD	WW	GC	III	MM
06/21	Ref	18.1000	18.3000	4.90	SD	WW	GC	III	MM
06/12	Ref	22.2000	18.3000	4.90	SD	WW	GC	III	MM
05/09	Ref	12.6000	18.3000	4.90	SD	WW	GC	III	MM
06/13	Ref	20.7000	18.3000	4.90	SD	WW	GC	III	MM
05/16	Ref	22.3000	18.3000	4.90	SD	WW	GC	III	MM
06/14	Ref	28.8000	18.3000	4.90	SD	WW	GC	III	MM
05/08	Ref	12.9000	18.3000	4.90	SD	WW	GC	III	MM
05/18	Ref	24.6000	18.3000	4.90	SD	WW	GC	III	MM
05/10	Ref	8.5000	18.3000	4.90	SD	WW	GC	III	MM
06/15	Ref	18.7000	18.3000	4.90	SD	WW	GC	III	MM
06/15	Ref	68.9000	58.4000	12.90	SD	WW	GC	III	MOZ
05/08	Ref	59.8000	58.4000	12.90	SD	WW	GC	III	MOZ
05/10	Ref	32.5000	58.4000	12.90	SD	WW	GC	III	MOZ
06/21	Ref	52.3000	58.4000	12.90	SD	WW	GC	III	MOZ
05/09	Ref	68.1000	58.4000	12.90	SD	WW	GC	III	MOZ
05/12	Ref	66.2000	58.4000	12.90	SD	WW	GC	III	MOZ
06/12	Ref	62.0000	58.4000	12.90	SD	WW	GC	III	MOZ
05/16	Ref	86.4000	58.4000	12.90	SD	WW	GC	III	MOZ
06/13	Ref	62.3000	58.4000	12.90	SD	WW	GC	III	MOZ
06/22	Ref	77.7000	58.4000	12.90	SD	WW	GC	III	MOZ
06/14	Ref	90.5000	58.4000	12.90	SD	WW	GC	III	MOZ
06/08	Ref	29.7000	58.4000	12.90	SD	WW	GC	III	MOZ
05/18	Ref	72.4000	58.4000	12.90	SD	WW	GC	III	MOZ
06/08	Ref	53.7000	38.8000	6.00	SD	WW	GC	III	M-DCB
06/15	Ref	28.2000	38.1000	7.00	SD	WW	GC	V	M-DCB
06/13	Ref	37.3000	38.1000	7.00	SD	WW	GC	V	M-DCB
05/08	Ref	24.5000	38.1000	7.00	SD	WW	GC	V	M-DCB
06/13	Ref	50.1000	38.8000	6.00	SD	WW	GC	III	M-DCB
05/09	Ref	54.0000	38.1000	7.00	SD	WW	GC	V	M-DCB
06/22	Ref	32.8000	38.1000	7.00	SD	WW	GC	V	M-DCB
05/09	Ref	40.4000	38.8000	6.00	SD	WW	GC	III	M-DCB
05/18	Ref	49.6000	38.8000	6.00	SD	WW	GC	III	M-DCB
05/16	Ref	49.2000	38.1000	7.00	SD	WW	GC	V	M-DCB
06/14	Ref	39.6000	38.8000	6.00	SD	WW	GC	III	M-DCB
05/16	Ref	55.5000	38.8000	6.00	SD	WW	GC	III	M-DCB
05/08	Ref	45.1000	38.8000	8.30	SD	WW	GC	III	M-DCB
06/15	Ref	37.2000	38.8000	6.00	SD	WW	GC	III	M-DCB
06/08	Ref	29.2000	38.1000	7.00	SD	WW	GC	V	M-DCB
06/21	Ref	54.2000	38.1000	7.00	SD	WW	GC	V	M-DCB
06/14	Ref	45.2000	38.1000	7.00	SD	WW	GC	V	M-DCB

VOLUMETRIC TECHNIQUES, LTD. ** QUALITY CONTROL **

06/21	Ref	26.4000	38.8000	6.00	SD	WW	GC	III	M-DCB
06/12	Ref	36.1000	38.8000	6.00	SD	WW	GC	III	M-DCB
06/12	Ref	33.9000	38.1000	7.00	SD	WW	GC	V	M-DCB
05/18	Ref	48.1000	38.1000	7.00	SD	WW	GC	V	M-DCB
06/22	Ref	50.3000	38.8000	6.00	SD	WW	GC	III	M-DCB
05/09	Ref	109.0000	76.2000	14.00	SD	WW	GC	V	O/P-D
06/12	Ref	69.9000	76.2000	14.00	SD	WW	GC	V	O/P-D
06/14	Ref	65.7000	77.6000	16.60	SD	WW	GC	III	O/P-D
06/08	Ref	87.2000	77.6000	16.60	SD	WW	GC	III	O/P-D
06/15	Ref	60.9000	76.2000	14.00	SD	WW	GC	V	O/P-D
06/08	Ref	59.8000	76.2000	14.00	SD	WW	GC	V	O/P-D
06/21	Ref	62.6000	76.2000	14.00	SD	WW	GC	V	O/P-D
05/18	Ref	84.7000	77.6000	16.60	SD	WW	GC	III	O/P-D
06/22	Ref	73.9000	76.2000	14.00	SD	WW	GC	V	O/P-D
05/18	Ref	95.0000	76.2000	14.00	SD	WW	GC	V	O/P-D
06/13	Ref	78.4000	76.2000	14.00	SD	WW	GC	V	O/P-D
05/16	Ref	100.0000	76.2000	14.00	SD	WW	GC	V	O/P-D
06/12	Ref	66.4000	77.6000	16.60	SD	WW	GC	III	O/P-D
05/16	Ref	97.8000	77.6000	16.60	SD	WW	GC	III	O/P-D
06/21	Ref	55.3000	77.6000	16.60	SD	WW	GC	III	O/P-D
05/09	Ref	75.5000	77.6000	16.60	SD	WW	GC	III	O/P-D
06/14	Ref	62.1000	76.2000	14.00	SD	WW	GC	V	O/P-D
05/08	Ref	91.6000	77.6000	16.60	SD	WW	GC	III	O/P-D
06/15	Ref	81.0000	77.6000	16.60	SD	WW	GC	III	O/P-D
06/13	Ref	86.4000	77.6000	16.60	SD	WW	GC	III	O/P-D
06/22	Ref	102.0000	77.6000	16.60	SD	WW	GC	III	O/P-D
05/08	Ref	48.7000	76.2000	14.00	SD	WW	GC	V	O/P-D
05/12	Ref	61.2000	41.7000	11.60	SD	WW	GC	III	Q
06/15	Ref	39.4000	41.7000	11.60	SD	WW	GC	III	Q
06/15	Ref	25.2000	43.5000	6.00	SD	WW	GC	V	Q
05/10	Ref	41.1000	41.7000	11.60	SD	WW	GC	III	Q
06/21	Ref	34.2000	43.5000	6.00	SD	WW	GC	V	Q
05/16	Ref	25.8000	41.7000	11.60	SD	WW	GC	III	Q
06/21	Ref	44.4000	41.7000	11.60	SD	WW	GC	III	Q
05/18	Ref	47.4000	41.7000	11.60	SD	WW	GC	III	Q
06/22	Ref	53.2000	41.7000	11.60	SD	WW	GC	III	Q
06/08	Ref	29.2000	43.5000	6.00	SD	WW	GC	V	Q
06/22	Ref	56.9000	43.5000	6.00	SD	WW	GC	V	Q
05/09	Ref	39.2000	41.7000	11.60	SD	WW	GC	III	Q
05/08	Ref	24.9000	43.5000	6.00	SD	WW	GC	V	Q
05/09	Ref	54.6000	43.5000	6.00	SD	WW	GC	V	Q
05/08	Ref	49.1000	41.7000	11.60	SD	WW	GC	III	Q
05/16	Ref	50.7000	43.5000	6.00	SD	WW	GC	V	Q
06/13	Ref	37.4000	43.5000	6.00	SD	WW	GC	V	Q
05/18	Ref	49.9000	43.5000	6.00	SD	WW	GC	V	Q
06/14	Ref	48.4000	43.5000	6.00	SD	WW	GC	V	Q
06/08	Ref	45.8000	41.7000	11.60	SD	WW	GC	III	Q
06/13	Ref	41.5000	41.7000	11.60	SD	WW	GC	III	Q
06/12	Ref	38.7000	41.7000	11.60	SD	WW	GC	III	Q
06/14	Ref	31.6000	41.7000	11.60	SD	WW	GC	III	Q
06/12	Ref	32.9000	43.5000	6.00	SD	WW	GC	V	Q
06/22	Ref	20.7000	18.6000	2.40	SD	WW	GC	III	TOL
06/08	Ref	15.9000	18.6000	2.40	SD	WW	GC	III	TOL
05/18	Ref	18.9000	18.6000	2.40	SD	WW	GC	III	TOL
06/15	Ref	13.9000	18.6000	2.40	SD	WW	GC	III	TOL
05/16	Ref	21.4000	18.6000	2.40	SD	WW	GC	III	TOL
06/13	Ref	19.2000	18.6000	2.40	SD	WW	GC	III	TOL
05/09	Ref	29.3000	18.6000	2.40	SD	WW	GC	III	TOL
06/21	Ref	23.3000	18.6000	2.40	SD	WW	GC	III	TOL
06/12	Ref	16.6000	18.6000	2.40	SD	WW	GC	III	TOL

SOIL COMPLEX
ACID COMPOUNDS

	Method Blank	Minimum Detection Limit	Spike Recovery	Spike Concentration ppb
2 Chlorophenol	u	1.0		100.0
2,4 Dichlorophenol	u	1.0		100.0
2,4 Dimethylphenol	u	1.0		100.0
4,6 Dinitrophenol	u	1.0		100.0
2 Nitrophenol	u	1.0		100.0
4 Nitrophenol	u	1.0		100.0
P-Chloro-M-Cresol	u	1.0		100.0
Penta Chlorophenol	u			100.0
Phenol	u	1.0	87%	100.0
2,4,6 Trichlorophenol	u	1.0		100.0

u = Compound was analyzed for but not detected