01.08-12/1/86-00390

QUALITY ASSURANCE/QUALITY CONTROL
MONTHLY PROGRESS REPORT
OCTOBER 28 THROUGH NOVEMBER 30, 1986

CAMP LEJEUNE CONFIRMATION STUDY

Prepared for:

DEPARTMENT OF THE NAVY
Naval Facilities Engineering Command
Atlantic Division
Norfolk, Virginia 23511

Prepared by:

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Contract No. N62470-83-B-6106
ESE No. 86-601-0500-0140

December 1986

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1.0 LABORATORY OPERATIONS

There are three tasks describing the sampling and analysis program: (1) Round Two Verification Effort, (2) Potable Well Survey, and (3) Characterization Effort. Round Two of the verification step includes investigation of 20 sites of potential contamination which are listed below.

Site Number	Name
1	French Creek Liquids Disposal Area
2	Former Nursery/Day Care Center (Bldg. 712)
6	Storage Lots 201 and 203
9	Fire Fighting Training Pit
21	Transformer Storage Lot 140
24	Industrial Area Fly Ash Dump
28	Hadnot Point Burn Dump
30	Sneads Ferry Road Fuel Tank Sludge Area
35	Camp Geiger Area Fuel Farm
36	Camp Geiger Area Dump near Sewage Treatment Plant (STP)
41	Camp Geiger Dump
45	Campbell Street Fuel Farm
54	Crash Crew Fire Training Burn Pit
68	Rifle Range Dump
69	Rifle Range Chemical Dump
73	Courthouse Bay Liquids Disposal Area
74	Mess Hall Grease Disposal Area
75	Marine Corps Air Station (MCAS) Basketball Court Site
76	MCAS Curtis Road Site
A	MCAS(H) Officers Housing Area

A summary of the site number, target analytes, and number of samples collected for the verification effort is presented in Table 1-1. Samples

Table 1-1. Status of the Round Two Verification Step Sampling and Analysis Program as of November 30, 1986

Site Number	Sample Type	Target Analytes	Number of Samples Planned	Number of Samples Collected
1	Ground Water	Cd, Cr, Pb, Sb, O&G, VOA, T. Phenols, Xylene, MEK, MIBK, EDB, Cr^{+6}	6	6
	Surface Water	Cd, Cr, Pb, Sb, O&G, VOA, T. Phenols, Xylene, MEK, MIBK, EDB, Cr^{+6}	2	2
	Sediment	Cd, Cr, Pb, Sb, O&G, T. Phenols, EDB, Cr^{+6}	2	2
2	Ground Water	OCP, OCH, TCDD, VOA	5	0
	Surface Water	OCP, OCH, TCDD, VOA	2	0
	Sediment	OCP, OCH, TCDD	2	0
	Soil	OCP, OCH, TCDD	4	4
6	Ground Water	DDT-R, VOA	8	8
	Ground Water	DDT-R, VOA	4	4
	Sediment	DDT-R, VOA	4	4
9	Ground Water	Cd, Cr, Pb, O&G, VOA, T. Phenols, Xylene, MEK, MIBK, EDB, Cr^{+6}	3	3
21	Ground Water	VOA, OCP, OCH, PCB, TCDD, Xylene, MEK, MIBK, EDB, O&G	1	1
	Soil	OCP, OCH, PCB, TCDD	32	32
45	Soil	Pb, O&G	18	18
68	Ground Water	VOA, Xylene, MEK, MIBK, EDB	3	3
75	Ground Water	VOA, Chloropicrin, TCDD	3	3
76	Ground Water	VOA, Chloropicrin, TCDD	2	2
A	Ground Water	VOA, O&G, Free Chlorine	3	1

Note:

Key to Analyte Abbreviations:

Cd = cadmium
Cr = chromium
Pb = lead
Sb = antimony
O&G = oil and grease
VOA = volatile organic analysis
T. Phenols = total phenols
OCP = organochlorine pesticides
OCH = organochlorine herbicides
DDT-R = o,p- and p,p'-isomers of DDD, DDE, and DDT
EDB = ethylene dibromide
TCDD = tetrachlorodioxin
PCB = polychlorinated biphenyls
Metals A = arsenic, cadmium, chromium, copper, lead, nickel, selenium, and zinc
PCP = pentachlorophenol
Cr^{+6} = hexavalent chromium
Xylene = o, m, and p- isomers
MEK = methylethyl ketone
MIBK = methyl isobutyl ketone

All surface and ground water samples will be analyzed for temperature, specific conductance, and pH in the field.

Source: ESE, 1986.

planned at Sites 24, 28, 30, 35, 36, 41, 54, 69, 73, and 74 have not been collected as of November 30, 1986. It is anticipated that remaining sites will be collected in December 1986 and January 1987.

A summary of samples collected and target analytes for the Potable Well Sampling program is presented in Table 1-2. It is anticipated that all remaining samples will be collected in December 1986 and January 1987.

Sampling for the characterization effort has not begun as of November 30, 1986. It is anticipated that samples will be collected in December 1986.

All samples have been extracted and/or analyzed within established United States Environmental Protection Agency (USEPA) holding times. A partial analytical report (computer printout) has been generated based on completed analytical batches and is in Appendix A.

The following explanations of data may aid in review of the computer generated reports:

1. Samples of ground waters, surface waters, soils, and sediments have been grouped into "FIELD GROUPS" called LJGW-1, LJSW-1, LJSO-1, and LJSE-1, respectively (potable waters will appear in field groups LJPW1C and LJPW1G);
2. "NRQ" (Not Requested) indicates that analytical parameters will not be run for the given sample;
3. "IL" (In Laboratory) indicates that preliminary analysis for the given analytical parameter is complete and data management has begun;
4. A blank space under a sample number for the given parameter(s) indicates that the analysis has not been completed; and
5: "EX" (Extracted sampled) indicates that the sub-sample has been prepared and is ready for analysis.

Table 1-2. Status of Potable Well Sampling Program as of November 30, 1986

No. of Wells	No. of Wells per Sample	No. of Samples Planned	No. of Samples Collected	Target Analytes
100	10	10	10	Priority pollutants (minus VOA), Ba, nitrate, chloride, Fe, Mn, Na, sulfate, THM, color, TDS, turbidity, EDB
100	1	100	78	VOA, xylene, MEK, MIBK
8	1	8	7	Priority pollutants, xylene, MEK, MIBK, Ba, nitrate, chloride, Fe, Mn, Na, sulfate, THM, color, TDS, turbidity

Source: ESE, 1986.

2.0 CONTROL CHART STATUS

Quality control (QC) charts, generated during past Navy projects under the Navy Assessment and Control of Installation Pollutants (NACIP) program have been updated with the QC data produced for this project (Appendix B). QC points for all analytes were within control limits, and no potentially adverse trends were noted.

The following procedure outlines Navy QC chart protocol:

1. Original charts are filed with analyst(s) performing the particular analyses.
2. Percent recoveries of standard matrix spike duplicates are plotted versus time on computer-generated charts.
3. Both replicate recoveries are plotted side by side. Space is provided (arbitrary) between replicate pairs run between every 20 samples or different batches. The x-axis of the chart (time) does not need to be to scale.
4. Points are plotted in black or blue ink by making a single point and circling the point. If the replicates are identical, the point is circled twice to denote that there are two points located in the same space.
5. No lines are drawn to connect the points.
6. On the first day of each month, charts updated with the previous month's data are copied and routed to the Navy LQAC through the Departmental Manager. The charts will be included in a progress report to the Navy which must be received by the 15th of every month.

3.0 OUT-OF-CONTROL INCIDENTS FOR REPORT PERIOD

All analytical systems were judged to be in control for the computed analyses in this report, and no corrective-action reports were generated.

The following was a potential problem encountered during the analysis of QC data (Appendix B) which alerted the analyst to investigate the method:

- Toluene-D(8), microgram per liter (µg/L), had three consecutive points below the lower warning limit on November 20, 1986, and November 24, 1986.

The analyst did not find a plausible explanation for the occurrence; however, the subsequent point on November 25, 1986, was above the lower warning limit.

4.0 QUALITY ASSURANCE/QUALITY CONTROL (QA/QC) PLAN CHANGES

No QA/QC procedural changes were made during the report period.

APPENDIX A

COPIES OF COMPUTER-GENERATED REPORTS OF ANALYTICAL DATA

(NOVEMBER 30, 1986)

GROUND WATER

ENVIRONMENTAL SCIENCE & ENGINEERING 11/30/86 STATUS: PAGE# 1

PROJECT NUMBER 86447 0400 PROJECT NAME NAVY - LEJEUNE
FIELD GROUP LJGW-1 PROJECT MANAGER J.D. SHAMIS
LAB COORDINATOR JEFF SHAMIS

PARAMETERS	STORET #	1GW1	1GW2	9GW3	1GW4	1GW5	1GW6	6GW1	6GW2	6GW3	6GW4	6GW5	6GW6	6GW7	6GW8	9GW1
		SAMPLE ID/#														
		LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1
UNITS	METHOD	1	2	3	4	5	6	12	13	14	15	16	17	18	19	20
DATE		11/18/86	11/18/86	11/19/86	11/18/86	11/18/86	11/18/86	11/19/86	11/20/86	11/20/86	11/19/86	11/19/86	11/19/86	11/20/86	11/20/86	11/19/86
TIME		14:10	13:35	10:10	09:15	11:00	11:40	13:45	13:40	12:25	17:00	16:20	16:20	11:45	13:15	08:55
CADMIUM,TOTAL	1027						NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	
UG/L	ICAP															
CHROMIUM,TOTAL	1034						NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	
UG/L	ICAP															
LEAD,TOTAL	1051						NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	
UG/L	ICAP															
ANTIMONY,TOTAL	1097			NRQ			NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/L	ICAP															
CHROMIUM,(+6)	1032	<10.0	<10.0	<10.0	<10.0	<10.0	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	<10.0
UG/L	1															
OIL&GR,IR	560						NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	
MG/L	1															
PHENOLS	32730						NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	
UG/L	1															
1,2-DIBROMOETHANE (E	77651						NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	
DB) UG/L	EC															
BENZENE	34030	IL	IL		IL	IL	IL									
UG/L	GMS															
BROMODICHLOROMETHANE	32101	IL	IL		IL	IL	IL									
UG/L	GMS															
BROMOFORM	32104	IL	IL		IL	IL	IL									
UG/L	GMS															
BROMOMETHANE	34413	IL	IL		IL	IL	IL									
UG/L	GMS															
CARBON TETRACHLORIDE	32102	IL	IL		IL	IL	IL									
UG/L	GMS															
CHLOROBENZENE	34301	IL	IL		IL	IL	IL									
UG/L	GMS															
CHLOROETHANE	34311	IL	IL		IL	IL	IL									
UG/L	GMS															
2-CHLOROETHYLVINYLET	34576	IL	IL		IL	IL	IL									
HER UG/L	GMS															
CHLOROFORM	32106	IL	IL		IL	IL	IL									
UG/L	GMS															
CHLOROMETHANE	34418	IL	IL		IL	IL	IL									
UG/L	GMS															
DIBROMOCHLOROMETHANE	32105	IL	IL		IL	IL	IL									
UG/L	GMS															
1,1-DICHLOROETHANE	34496	IL	IL		IL	IL	IL									
UG/L	GMS															

PROJECT NUMBER 86447 0400 PROJECT NAME NAVY - LEJEUNE
FIELD GROUP LJGW-1 PROJECT MANAGER J.D. SHAMIS
LAB COORDINATOR JEFF SHAMIS

SAMPLE ID/#

PARAMETERS	STORET #	1GW1	1GW2	9GW3	1GW4	1GW5	1GW6	6GW1	6GW2	6GW3	6GW4	6GW5	6GW6	6GW7	6GW8	9GW1
		LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1
UNITS	METHOD	1	2	3	4	5	6	12	13	14	15	16	17	18	19	20
DATE		11/18/86	11/18/86	11/19/86	11/18/86	11/18/86	11/18/86	11/19/86	11/20/86	11/20/86	11/19/86	11/19/86	11/19/86	11/20/86	11/20/86	11/19/86
TIME		14:10	13:35	10:10	09:15	11:00	11:40	13:45	13:40	12:25	17:00	16:20	16:20	11:45	13:15	08:55
1,2-DICHLOROETHANE	34531	IL	IL		IL	IL	IL									
UG/L	GMS															
1,1-DICHLOROETHYLENE	34501	IL	IL		IL	IL	IL									
UG/L	GMS															
T-1,2-DICHLOROETHENE	34546	IL	IL		IL	IL	IL									
UG/L	GMS															
1,2-DICHLOROPROPANE	34541	IL	IL		IL	IL	IL									
UG/L	GMS															
CIS-1,3-DICH'PROPENE	34704	IL	IL		IL	IL	IL									
UG/L	GMS															
T-1,3-DICHL'PROPENE	34699	IL	IL		IL	IL	IL									
UG/L	GMS															
ETHYLBENZENE	34371	IL	IL		IL	IL	IL									
UG/L	GMS															
METHYLENE CHLORIDE	34423	IL	IL		IL	IL	IL									
UG/L	GMS															
1,1,2,2-TE'CH'ETHANE	34516	IL	IL		IL	IL	IL									
UG/L	GMS															
TETRACHLOROETHENE	34475	IL	IL		IL	IL	IL									
UG/L	GMS															
TOLUENE	34010	IL	IL		IL	IL	IL									
UG/L	GMS															
1,1,1-TRICHL'ETHANE	34506	IL	IL		IL	IL	IL									
UG/L	GMS															
1,1,2-TRICHLOROETHAN	34511	IL	IL		IL	IL	IL									
E UG/L	GMS															
TRICHLOROETHENE	39180	IL	IL		IL	IL	IL									
UG/L	GMS															
TRICHLOROFLUOROMETHA	34488	IL	IL		IL	IL	IL									
NE UG/L	GMS															
VINYL CHLORIDE	39175	IL	IL		IL	IL	IL									
UG/L	GMS															
ACROLEIN	34210	IL	IL		IL	IL	IL									
UG/L	GMS															
ACRYLONITRILE	34215	IL	IL		IL	IL	IL									
UG/L	GMS															
DICHLORODIFLUOROMETH	34668	IL	IL		IL	IL	IL									
ANE UG/L	GMS															
M-XYLENE	98553	IL	IL		IL	IL	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	
UG/L	GMS															

PROJECT NUMBER 86447 0400 PROJECT NAME NAVY - LEJEUNE
FIELD GROUP LJGW-1 PROJECT MANAGER J.D. SHAMIS
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PARAMETERS	STORET #	1GW1	1GW2	9GW3	1GW4	1GW5	1GW6	6GW1	6GW2	6GW3	6GW4	6GW5	6GW6	6GW7	6GW8	9GW1
		SAMPLE ID/#														
		LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1
UNITS	METHOD	1	2	3	4	5	6	12	13	14	15	16	17	18	19	20
DATE		11/18/86	11/18/86	11/19/86	11/18/86	11/18/86	11/18/86	11/19/86	11/20/86	11/20/86	11/19/86	11/19/86	11/19/86	11/20/86	11/20/86	11/19/86
TIME		14:10	13:35	10:10	09:15	11:00	11:40	13:45	13:40	12:25	17:00	16:20	16:20	11:45	13:15	08:55
O-AND/OR-P XYLENE	98554	IL	IL		IL	IL	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	
UG/L	GMS															
METHYL ETHYL KETONE	81595	IL	IL		IL	IL	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	
UG/L	GMS															
METHYL ISOBUT'KETONE	81596	IL	IL		IL	IL	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	
UG/L	GMS															
DDD,OP'	39315	NRQ	NRQ	NRQ	NRQ	NRQ	EX11/24	EX11/24	EX11/24	EX11/24	EX11/24	EX11/24	EX11/24	EX11/24	EX11/24	NRQ
UG/L	EC															
DDE,OP'	39327	NRQ	NRQ	NRQ	NRQ	NRQ										NRQ
UG/L	EC															
DDT,OP'	39305	NRQ	NRQ	NRQ	NRQ	NRQ	EX11/24	EX11/24	EX11/24	EX11/24	EX11/24	EX11/24	EX11/24	EX11/24	EX11/24	NRQ
UG/L	EC															
DDD,PP'	39310	NRQ	NRQ	NRQ	NRQ	NRQ										NRQ
UG/L	EC															
DDE,PP'	39320	NRQ	NRQ	NRQ	NRQ	NRQ										NRQ
UG/L	EC															
DDT,PP'	39300	NRQ	NRQ	NRQ	NRQ	NRQ	EX11/24	EX11/24	EX11/24	EX11/24	EX11/24	EX11/24	EX11/24	EX11/24	EX11/24	NRQ
UG/L	EC															
2,3,7,8-TCDD	34675	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/L	GMS															
ALDRIN	39330	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/L	EC															
BHC,A	39337	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/L	EC															
BHC,B	39338	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/L	EC															
BHC,D	34259	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/L	EC															
BHC,G(LINDANE)	39340	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/L	EC															
CHLORDANE	39350	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/L	EC															
DIELDRIN	39380	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/L	EC															
ENDOSULFAN,A	34361	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/L	EC															
ENDOSULFAN,B	34356	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/L	EC															
ENDOSULFAN SULFATE	34351	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/L	EC															

PROJECT NUMBER 86447 0400 PROJECT NAME NAVY - LEJEUNE
FIELD GROUP LJGW-1 PROJECT MANAGER J.D. SHAMIS
LAB COORDINATOR JEFF SHAMIS

SAMPLE ID/#

PARAMETERS	STORET #	1GW1	1GW2	9GW3	1GW4	1GW5	1GW6	6GW1	6GW2	6GW3	6GW4	6GW5	6GW6	6GW7	6GW8	9GW1
		LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1
UNITS	METHOD	1	2	3	4	5	6	12	13	14	15	16	17	18	19	20
DATE		11/18/86	11/18/86	11/19/86	11/18/86	11/18/86	11/18/86	11/19/86	11/20/86	11/20/86	11/19/86	11/19/86	11/19/86	11/20/86	11/20/86	11/19/86
TIME		14:10	13:35	10:10	09:15	11:00	11:40	13:45	13:40	12:25	17:00	16:20	16:20	11:45	13:15	08:55
ENDRIN	39390	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/L	EC															
ENDRIN ALDEHYDE	34366	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/L	EC															
HEPTACHLOR	39410	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/L	EC															
HEPTACHLOR EPOXIDE	39420	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/L	EC															
TOXAPHENE	39400	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/L	EC															
PCBS, WATER	39516	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/L	EC															
2,4-D, TOTAL	39730	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/L	EC															
2,4,5-T WATER	39740	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/L	EC															
2,4,5-TP/SILVEX+DER.	39045	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/L	EC															
CHLOROPICRIN	77548	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/L	EC															

PROJECT NUMBER 86447 0400 PROJECT NAME NAVY - LEJEUNE
FIELD GROUP LJGW-1 PROJECT MANAGER J.D. SHAMIS
LAB COORDINATOR JEFF SHAMIS

PARAMETERS	STORET #	SAMPLE ID/# 9GW2	9GW3	21GW1	68GW1	68GW2	68GW3	75GW1	75GW2	75GW3	76GW1	76GW2
		LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1
UNITS	METHOD	21	22	23	57	58	59	76	77	78	79	80
DATE		11/19/86	11/18/86	11/21/86	11/20/86	11/20/86	11/20/86	11/21/86	11/21/86	11/21/86	11/21/86	11/21/86
TIME		09:30	12:55	09:30	10:25	09:35	10:40	13:00	11:35	12:10	13:40	14:10
CADMIUM,TOTAL	1027			NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/L	ICAP											
CHROMIUM,TOTAL	1034			NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/L	ICAP											
LEAD,TOTAL	1051			NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/L	ICAP											
ANTIMONY,TOTAL	1097	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/L	ICAP											
CHROMIUM,(+6)	1032	<10.0	<10.0	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/L	1											
OIL&GR,IR	560				NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
MG/L	1											
PHENOLS	32730			NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/L	1											
1,2-DIBROMOETHANE (E	77651							NRQ	NRQ	NRQ	NRQ	NRQ
DB) UG/L	EC											
BENZENE	34030											
UG/L	GMS											
BROMODICHLOROMETHANE	32101											
UG/L	GMS											
BROMOFORM	32104											
UG/L	GMS											
BROMOMETHANE	34413											
UG/L	GMS											
CARBON TETRACHLORIDE	32102											
UG/L	GMS											
CHLOROBENZENE	34301											
UG/L	GMS											
CHLOROETHANE	34311											
UG/L	GMS											
2-CHLOROETHYLVINYLET	34576											
HER UG/L	GMS											
CHLOROFORM	32106											
UG/L	GMS											
CHLOROMETHANE	34418											
UG/L	GMS											
DIBROMOCHLOROMETHANE	32105											
UG/L	GMS											
1,1-DICHLOROETHANE	34496											
UG/L	GMS											

PROJECT NUMBER 86447 0400 PROJECT NAME NAVY - LEJEUNE
FIELD GROUP LJGW-1 PROJECT MANAGER J.D. SHAMIS
LAB COORDINATOR JEFF SHAMIS

SAMPLE ID/#

PARAMETERS	STORET #	9GW2	9GW3	21GW1	68GW1	68GW2	68GW3	75GW1	75GW2	75GW3	76GW1	76GW2
		LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1
UNITS	METHOD	21	22	23	57	58	59	76	77	78	79	80
DATE		11/19/86	11/18/86	11/21/86	11/20/86	11/20/86	11/20/86	11/21/86	11/21/86	11/21/86	11/21/86	11/21/86
TIME		09:30	12:55	09:30	10:25	09:35	10:40	13:00	11:35	12:10	13:40	14:10
1,2-DICHLOROETHANE	34531											
UG/L	GMS											
1,1-DICHLOROETHYLENE	34501											
UG/L	GMS											
T-1,2-DICHLOROETHENE	34546											
UG/L	GMS											
1,2-DICHLOROPROPANE	34541											
UG/L	GMS											
CIS-1,3-DICH'PROPENE	34704											
UG/L	GMS											
T-1,3-DICHL'PROPENE	34699											
UG/L	GMS											
ETHYLBENZENE	34371											
UG/L	GMS											
METHYLENE CHLORIDE	34423											
UG/L	GMS											
1,1,2,2-TE'CH'ETHANE	34516											
UG/L	GMS											
TETRACHLOROETHENE	34475											
UG/L	GMS											
TOLUENE	34010											
UG/L	GMS											
1,1,1-TRICHL'ETHANE	34506											
UG/L	GMS											
1,1,2-TRICHLOROETHAN	34511											
E UG/L	GMS											
TRICHLOROETHENE	39180											
UG/L	GMS											
TRICHLOROFLUOROMETHA	34488											
NE UG/L	GMS											
VINYL CHLORIDE	39175											
UG/L	GMS											
ACROLEIN	34210											
UG/L	GMS											
ACRYLONITRILE	34215											
UG/L	GMS											
DICHLORODIFLUOROMETH	34668											
ANE UG/L	GMS											
M-XYLENE	98553							NRQ	NRQ	NRQ	NRQ	NRQ
UG/L	GMS											

PROJECT NUMBER 86447 0400 PROJECT NAME NAVY - LEJEUNE
FIELD GROUP LJGW-1 PROJECT MANAGER J.D. SHAMIS
LAB COORDINATOR JEFF SHAMIS

PARAMETERS	STORET #	9GW2	9GW3	21GW1	68GW1	68GW2	68GW3	75GW1	75GW2	75GW3	76GW1	76GW2
		SAMPLE ID/#										
UNITS	METHOD	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1
		21	22	23	57	58	59	76	77	78	79	80
DATE		11/19/86	11/18/86	11/21/86	11/20/86	11/20/86	11/20/86	11/21/86	11/21/86	11/21/86	11/21/86	11/21/86
TIME		09:30	12:55	09:30	10:25	09:35	10:40	13:00	11:35	12:10	13:40	14:10
O-AND/OR-P XYLENE	98554							NRQ	NRQ	NRQ	NRQ	NRQ
UG/L	GMS											
METHYL ETHYL KETONE	81595							NRQ	NRQ	NRQ	NRQ	NRQ
UG/L	GMS											
METHYL ISOBUT'KETONE	81596							NRQ	NRQ	NRQ	NRQ	NRQ
UG/L	GMS											
DDD,OP'	39315	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/L	EC											
DDE,OP'	39327	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/L	EC											
DDT,OP'	39305	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/L	EC											
DDD,PP'	39310	NRQ	NRQ		NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/L	EC											
DDE,PP'	39320	NRQ	NRQ		NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/L	EC											
DDT,PP'	39300	NRQ	NRQ	EX11/24	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/L	EC											
2,3,7,8-TCDD	34675	NRQ	NRQ		NRQ	NRQ	NRQ					
UG/L	GMS											
ALDRIN	39330	NRQ	NRQ	EX11/24	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/L	EC											
BHC,A	39337	NRQ	NRQ	EX11/24	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/L	EC											
BHC,B	39338	NRQ	NRQ		NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/L	EC											
BHC,D	34259	NRQ	NRQ		NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/L	EC											
BHC,G(LINDANE)	39340	NRQ	NRQ		NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/L	EC											
CHLORDANE	39350	NRQ	NRQ		NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/L	EC											
DIELDRIN	39380	NRQ	NRQ		NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/L	EC											
ENDOSULFAN,A	34361	NRQ	NRQ	EX11/24	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/L	EC											
ENDOSULFAN,B	34356	NRQ	NRQ		NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/L	EC											
ENDOSULFAN SULFATE	34351	NRQ	NRQ		NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/L	EC											

PROJECT NUMBER 86447 0400 PROJECT NAME NAVY - LEJEUNE
FIELD GROUP LJGW-1 PROJECT MANAGER J.D. SHAMIS
LAB COORDINATOR JEFF SHAMIS

PARAMETERS	STORET #	9GW2	9GW3	21GW1	68GW1	68GW2	68GW3	75GW1	75GW2	75GW3	76GW1	76GW2
		SAMPLE ID/#										
		LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1	LJGW-1
UNITS	METHOD	21	22	23	57	58	59	76	77	78	79	80
DATE		11/19/86	11/18/86	11/21/86	11/20/86	11/20/86	11/20/86	11/21/86	11/21/86	11/21/86	11/21/86	11/21/86
TIME		09:30	12:55	09:30	10:25	09:35	10:40	13:00	11:35	12:10	13:40	14:10
ENDRIN	39390	NRQ	NRQ		NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/L	EC											
ENDRIN ALDEHYDE	34366	NRQ	NRQ		NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/L	EC											
HEPTACHLOR	39410	NRQ	NRQ		NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/L	EC											
HEPTACHLOR EPOXIDE	39420	NRQ	NRQ		NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/L	EC											
TOXAPHENE	39400	NRQ	NRQ		NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/L	EC											
PCBS, WATER	39516	NRQ	NRQ	EX11/24	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/L	EC											
2,4-D, TOTAL	39730	NRQ	NRQ	EX11/24	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/L	EC											
2,4,5-T WATER	39740	NRQ	NRQ	EX11/24	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/L	EC											
2,4,5-TP/SILVEX+DER.	39045	NRQ	NRQ	EX11/24	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/L	EC											
CHLOROPICRIN	77548	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ					
UG/L	EC											

SURFACE WATER

PROJECT NUMBER 86447 0400 PROJECT NAME NAVY - LEJEUNE
FIELD GROUP LJSW-1 PROJECT MANAGER J.D. SHAMIS
LAB COORDINATOR JEFF SHAMIS

SAMPLE ID/#

PARAMETERS	STORET #	1SW1 LJSW-1	1SW2 LJSW-1	6SW1 LJSW-1	6SW2 LJSW-1	6SW3 LJSW-1	6SW4 LJSW-1
UNITS	METHOD	1	2	5	6	7	8
DATE		11/18/86	11/18/86	11/19/86	11/19/86	11/19/86	11/19/86
TIME		14:25	12:20	12:45	12:25	14:05	12:05
CADMIUM,TOTAL	1027			NRQ	NRQ	NRQ	NRQ
UG/L	ICAP						
CHROMIUM,TOTAL	1034			NRQ	NRQ	NRQ	NRQ
UG/L	ICAP						
LEAD,TOTAL	1051			NRQ	NRQ	NRQ	NRQ
UG/L	ICAP						
ANTIMONY,TOTAL	1097			NRQ	NRQ	NRQ	NRQ
UG/L	ICAP						
CHROMIUM,(+6)	1032	<10.0	<10.0	NRQ	NRQ	NRQ	NRQ
UG/L	1						
OIL&GR,IR	560			NRQ	NRQ	NRQ	NRQ
MG/L	1						
PHENOLS	32730			NRQ	NRQ	NRQ	NRQ
UG/L	1						
1,2-DIBROMOETHANE (E	77651			NRQ	NRQ	NRQ	NRQ
DB) UG/L	EC						
BENZENE	34030						
UG/L	GMS						
BROMODICHLOROMETHANE	32101						
UG/L	GMS						
BROMOFORM	32104						
UG/L	GMS						
BROMOMETHANE	34413						
UG/L	GMS						
CARBON TETRACHLORIDE	32102						
UG/L	GMS						
CHLOROBENZENE	34301						
UG/L	GMS						
CHLOROETHANE	34311						
UG/L	GMS						
2-CHLOROETHYLVINYLET	34576						
HER UG/L	GMS						
CHLOROFORM	32106						
UG/L	GMS						
CHLOROMETHANE	34418						
UG/L	GMS						
DIBROMOCHLOROMETHANE	32105						
UG/L	GMS						
1,1-DICHLOROETHANE	34496						
UG/L	GMS						

PROJECT NUMBER 86447 0400 PROJECT NAME NAVY - LEJEUNE
FIELD GROUP LJSW-1 PROJECT MANAGER J.D. SHAMIS
LAB COORDINATOR JEFF SHAMIS

SAMPLE ID/#

PARAMETERS	STORET #	1SW1	1SW2	6SW1	6SW2	6SW3	6SW4
		LJSW-1	LJSW-1	LJSW-1	LJSW-1	LJSW-1	LJSW-1
UNITS	METHOD	1	2	5	6	7	8
DATE		11/18/86	11/18/86	11/19/86	11/19/86	11/19/86	11/19/86
TIME		14:25	12:20	12:45	12:25	14:05	12:05
1,2-DICHLOROETHANE	34531						
UG/L	GMS						
1,1-DICHLOROETHYLENE	34501						
UG/L	GMS						
T-1,2-DICHLOROETHENE	34546						
UG/L	GMS						
1,2-DICHLOROPROPANE	34541						
UG/L	GMS						
CIS-1,3-DICH'PROPENE	34704						
UG/L	GMS						
T-1,3-DICHL'PROPENE	34699						
UG/L	GMS						
ETHYLBENZENE	34371						
UG/L	GMS						
METHYLENE CHLORIDE	34423						
UG/L	GMS						
1,1,2,2-TE'CH'ETHANE	34516						
UG/L	GMS						
TETRACHLOROETHENE	34475						
UG/L	GMS						
TOLUENE	34010						
UG/L	GMS						
1,1,1-TRICHL'ETHANE	34506						
UG/L	GMS						
1,1,2-TRICHLOROETHAN	34511						
E UG/L	GMS						
TRICHLOROETHENE	39180						
UG/L	GMS						
TRICHLOROFLUOROMETHA	34488						
NE UG/L	GMS						
VINYL CHLORIDE	39175						
UG/L	GMS						
ACROLEIN	34210						
UG/L	GMS						
ACRYLONITRILE	34215						
UG/L	GMS						
DICHLORODIFLUOROMETH	34668						
ANE UG/L	GMS						
M-XYLENE	98553			NRQ	NRQ	NRQ	NRQ
UG/L	GMS						

PROJECT NUMBER 86447 0400
FIELD GROUP LJSW-1

PROJECT NAME NAVY - LEJEUNE
PROJECT MANAGER J.D. SHAMIS
LAB COORDINATOR JEFF SHAMIS

SAMPLE ID/#

PARAMETERS	STORET #	1SW1 LJSW-1 1	1SW2 LJSW-1 2	6SW1 LJSW-1 5	6SW2 LJSW-1 6	6SW3 LJSW-1 7	6SW4 LJSW-1 8
UNITS	METHOD						
DATE		11/18/86	11/18/86	11/19/86	11/19/86	11/19/86	11/19/86
TIME		14:25	12:20	12:45	12:25	14:05	12:05
O-AND/OR-P XYLENE	98554			NRQ	NRQ	NRQ	NRQ
UG/L	GMS						
METHYL ETHYL KETONE	81595			NRQ	NRQ	NRQ	NRQ
UG/L	GMS						
METHYL ISOBUT'KETONE	81596			NRQ	NRQ	NRQ	NRQ
UG/L	GMS						
DDD,OP'	39315	NRQ	NRQ	EX11/24	NRQ	EX11/24	EX11/24
UG/L	EC						
DDE,OP'	39327	NRQ	NRQ		NRQ		
UG/L	EC						
DDT,OP'	39305	NRQ	NRQ	EX11/24	NRQ	EX11/24	EX11/24
UG/L	EC						
DDD,PP'	39310	NRQ	NRQ		NRQ		
UG/L	EC						
DDE,PP'	39320	NRQ	NRQ		NRQ		
UG/L	EC						
DDT,PP'	39300	NRQ	NRQ	EX11/24	NRQ	EX11/24	EX11/24
UG/L	EC						

SEDIMENT

PROJECT NUMBER 86447 0400
FIELD GROUP LJSE-1

PROJECT NAME NAVY - LEJEUNE
PROJECT MANAGER J.D. SHAMIS
LAB COORDINATOR JEFF SHAMIS

SAMPLE ID/#

PARAMETERS	STORET #	1SE1	1SE2	6SE1	6SE2	6SE3	6SE4
		LJSE-1	LJSE-1	LJSE-1	LJSE-1	LJSE-1	LJSE-1
UNITS	METHOD	1	2	5	6	7	8
DATE		11/18/86	11/18/86	11/19/86	11/19/86	11/19/86	11/19/86
TIME		14:25	12:20	12:45	12:25	14:05	12:05
MOISTURE	70320	17.3	21.9	29.7	27.5	19.7	23.8
%WET WT	1	34872	34872	34872	34872	34872	34872
CADMIUM,SED	1028			NRQ	NRQ	NRQ	NRQ
UG/G- DRY	ICAP	0	0				
CHROMIUM,SED	1029			NRQ	NRQ	NRQ	NRQ
UG/G- DRY	ICAP	0	0				
LEAD,SED	1052			NRQ	NRQ	NRQ	NRQ
UG/G-DRY	ICAP	0	0				
ANTIMONY,SED	1098			NRQ	NRQ	NRQ	NRQ
MG/KG-DRY	ICAP	0	0				
CHROMIUM(+6),SED	29405			NRQ	NRQ	NRQ	NRQ
MG/KG-DRY	1	0	0				
OIL&GR,IR,SED	561			NRQ	NRQ	NRQ	NRQ
UG/G- DRY	1	0	0				
PHENOLS,SED	32731			NRQ	NRQ	NRQ	NRQ
UG/KG- DRY	1	0	0				
DIBROMOETHANE	78756			NRQ	NRQ	NRQ	NRQ
UG/KG-DRY	EC	0	0				
DDD,OP',SED	39316	NRQ	NRQ				
UG/KG- DRY	EC			0	0	0	0
DDE,OP',SED	39328	NRQ	NRQ				
UG/KG- DRY	EC			0	0	0	0
DDT,OP',SED	39306	NRQ	NRQ				
UG/KG- DRY	EC			0	0	0	0
DDD,PP'	39311	NRQ	NRQ	EX11/25	EX11/25	EX11/25	EX11/25
UG/KG-DRY	EC			0	0	0	0
DDE,PP'	39321	NRQ	NRQ	EX11/25	EX11/25	EX11/25	EX11/25
UG/KG-DRY	EC			0	0	0	0
DDT,PP'	39301	NRQ	NRQ	EX11/25	EX11/25	EX11/25	EX11/25
UG/KG-DRY	EC			0	0	0	0

SOIL

ENVIRONMENTAL SCIENCE & ENGINEERING 11/30/86 STATUS: PAGE# 1

PROJECT NUMBER 86447 0400 PROJECT NAME NAVY - LEJEUNE
FIELD GROUP LJSO-1 PROJECT MANAGER J.D. SHAMIS
LAB COORDINATOR JEFF SHAMIS

SAMPLE ID/#

PARAMETERS	STORET #	2SO-6	2SO-7	2SO-8	2SO-9	21SO5A	21SO5B	21SO5C	21SO5D	21SO6A	21SO6B	21SO6C	21SO6D	21SO7A	21SO7B	21SO7C
		LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1
UNITS	METHOD	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
DATE		11/11/86	11/11/86	11/11/86	11/11/86	11/12/86	11/12/86	11/12/86	11/12/86	11/12/86	11/12/86	11/12/86	11/12/86	11/12/86	11/12/86	11/12/86
TIME		16:04	16:12	15:42	15:57	11:35	11:30	11:25	11:20	11:15	11:10	11:05	11:00	10:55	10:50	10:45
MOISTURE	70320	13.0	15.6	13.6	12.2	13.7	14.7	21.8	26.0	1.5	17.8	18.0	13.8	16.6	16.6	24.0
%WET WT	1															
2,3,7,8-TCDD	34678	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18
UG/KG-DRY	GMS															
ALDRIN	39333	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14
UG/KG-DRY	EC															
BHC,A	39076	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14
UG/KG-DRY	EC															
BHC,B	34257	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14
UG/KG-DRY	EC															
BHC,D	34262	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14
UG/KG-DRY	EC															
BHC,G(LINDANE)	39783	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14
UG/KG-DRY	EC															
CHLORDANE	39351	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14
UG/KG-DRY	EC															
DDD,PP'	39311	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14
UG/KG-DRY	EC															
DDE,PP'	39321	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14
UG/KG-DRY	EC															
DDT,PP'	39301	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14
UG/KG-DRY	EC															
DIELDRIN	39383	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14
UG/KG-DRY	EC															
ENDOSULFAN,A	34364	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14
UG/KG-DRY	EC															
ENDOSULFAN,B	34359	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14
UG/KG-DRY	EC															
ENDOSULFAN SULFATE	34354	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14
UG/KG-DRY	EC															
ENDRIN	39393	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14
UG/KG-DRY	EC															
ENDRIN ALDEHYDE	34369	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14
UG/KG-DRY	EC															
HEPTACHLOR	39413	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14
UG/KG-DRY	EC															
HEPTACHLOR EPOXIDE	39423	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14
UG/KG-DRY	EC															
TOXAPHENE	39403	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14
UG/KG-DRY	EC															

PROJECT NUMBER 86447 0400 PROJECT NAME NAVY - LEJEUNE
FIELD GROUP LJSO-1 PROJECT MANAGER J.D. SHAMIS
LAB COORDINATOR JEFF SHAMIS

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PARAMETERS	STORET #	2SO-6	2SO-7	2SO-8	2SO-9	21SO5A	21SO5B	21SO5C	21SO5D	21SO6A	21SO6B	21SO6C	21SO6D	21SO7A	21SO7B	21SO7C
		LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1
UNITS	METHOD	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
DATE		11/11/86	11/11/86	11/11/86	11/11/86	11/12/86	11/12/86	11/12/86	11/12/86	11/12/86	11/12/86	11/12/86	11/12/86	11/12/86	11/12/86	11/12/86
TIME		16:04	16:12	15:42	15:57	11:35	11:30	11:25	11:20	11:15	11:10	11:05	11:00	10:55	10:50	10:45
4-D	39731	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14
UG/KG-DRY	EC															
2,4,5-T	39741	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14
UG/KG-DRY	EC															
2,4,5-TP/SILVEX	39761	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14
UG/KG-DRY	EC															
PCBS,TOTAL	39519	NRQ	NRQ	NRQ	NRQ	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14
UG/KG-DRY	EC															
LEAD,SED	1052	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/G-DRY	ICAP															
OIL&GR,IR,SED	561	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/G- DRY	1															

PROJECT NUMBER 86447 0400 PROJECT NAME NAVY - LEJEUNE
FIELD GROUP LJSO-I PROJECT MANAGER J.D. SHAMIS
LAB COORDINATOR JEFF SHAMIS

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PARAMETERS	STORET #	21S07D	21S08A	21S08B	21S08C	21S08D	21S09A	21S09B	21S09C	21S09D	21S010A	21S010B	21S010C	21S010D	21S011A	21S011B
		LJSO-I	LJSO-I	LJSO-I	LJSO-I	LJSO-I	LJSO-I	LJSO-I	LJSO-I	LJSO-I	LJSO-I	LJSO-I	LJSO-I	LJSO-I	LJSO-I	LJSO-I
UNITS	METHOD	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
DATE		11/12/86	11/12/86	11/12/86	11/12/86	11/12/86	11/12/86	11/12/86	11/12/86	11/12/86	11/12/86	11/12/86	11/12/86	11/12/86	11/12/86	11/12/86
TIME		10:40	10:35	10:30	10:25	10:20	10:15	10:10	10:05	10:00	09:55	09:50	09:45	09:40	09:00	09:05
MOISTURE	70320	20.5	12.6	14.9	17.1	18.4	6.0	6.6	7.1	10.8	9.3	8.6	12.5	17.7	8.0	9.7
%WET WT	1															
2,3,7,8-TCDD	34678	EX11/18	EX11/18	EX11/18	EX11/19	EX11/19	EX11/19	EX11/19	EX11/19	EX11/19	EX11/19	EX11/19	EX11/19	EX11/19	EX11/19	EX11/19
UG/KG-DRY	GMS															
ALDRIN	39333	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18
UG/KG-DRY	EC															
BHC,A	39076	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18
UG/KG-DRY	EC															
BHC,B	34257	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18
UG/KG-DRY	EC															
BHC,D	34262	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18
UG/KG-DRY	EC															
BHC,G(LINDANE)	39783	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18
UG/KG-DRY	EC															
CHLORDANE	39351	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18
UG/KG-DRY	EC															
DDD,PP'	39311	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18
UG/KG-DRY	EC															
DDE,PP'	39321	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18
UG/KG-DRY	EC															
DDT,PP'	39301	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18
UG/KG-DRY	EC															
DIELDRIN	39383	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18
UG/KG-DRY	EC															
ENDOSULFAN,A	34364	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18
UG/KG-DRY	EC															
ENDOSULFAN,B	34359	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18
UG/KG-DRY	EC															
ENDOSULFAN SULFATE	34354	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18
UG/KG-DRY	EC															
ENDRIN	39393	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18
UG/KG-DRY	EC															
ENDRIN ALDEHYDE	34369	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18
UG/KG-DRY	EC															
HEPTACHLOR	39413	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18
UG/KG-DRY	EC															
HEPTACHLOR EPOXIDE	39423	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18
UG/KG-DRY	EC															
TOXAPHENE	39403	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18
UG/KG-DRY	EC															

PROJECT NUMBER 86447 0400 PROJECT NAME NAVY - LEJEUNE
FIELD GROUP LJSO-1 PROJECT MANAGER J.D. SHAMIS
LAB COORDINATOR JEFF SHAMIS

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PARAMETERS	STORET #	21SO7D	21SO8A	21SO8B	21SO8C	21SO8D	21SO9A	21SO9B	21SO9C	21SO9D	21SO10A	21SO10B	21SO10C	21SO10D	21SO11A	21SO11B
UNITS	METHOD	LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1
		16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
DATE		11/12/86	11/12/86	11/12/86	11/12/86	11/12/86	11/12/86	11/12/86	11/12/86	11/12/86	11/12/86	11/12/86	11/12/86	11/12/86	11/12/86	11/12/86
TIME		10:40	10:35	10:30	10:25	10:20	10:15	10:10	10:05	10:00	09:55	09:50	09:45	09:40	09:00	09:05
2,4-D	39731	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14
UG/KG-DRY	EC															
2,4,5-T	39741	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX14/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14
UG/KG-DRY	EC															
2,4,5-TP/SILVEX	39761	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14
UG/KG-DRY	EC															
PCBS,TOTAL	39519	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18
UG/KG-DRY	EC															
LEAD,SED	1052	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/G-DRY	ICAP															
OIL&GR,IR,SED	561	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/G- DRY	1															

PROJECT NUMBER 86447 0400 PROJECT NAME NAVY - LEJEUNE
FIELD GROUP LJSO-1 PROJECT MANAGER J.D. SHAMIS
LAB COORDINATOR JEFF SHAMIS

SAMPLE ID/#

PARAMETERS	STORET #	21S011C	21S011D	21S012A	21S012B	21S012C	21S012D	45S031A	45S031B	45S031C	45S032A	45S032B	45S032C	45S033A	45S033B	45S033C
		LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1
UNITS	METHOD	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
DATE		11/12/86	11/12/86	11/12/86	11/12/86	11/12/86	11/12/86	11/11/86	11/11/86	11/11/86	11/11/86	11/11/86	11/11/86	11/11/86	11/11/86	11/11/86
TIME		09:10	09:15	09:20	09:25	09:30	09:35	12:13	12:20	12:29	10:30	10:43	11:09	11:35	11:36	11:45
MOISTURE	70320	20.1	20.6	12.5	14.2	15.0	19.1	14.4	30.2	20.6	17.4	22.0	26.2	14.1	14.0	21.7
%WET WT	1															
2,3,7,8-TCDD	34678	EX11/19	EX11/19	EX11/19	EX11/19	EX11/19	EX11/19	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/KG-DRY	GMS															
ALDRIN	39333	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/KG-DRY	EC															
BHC,A	39076	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/KG-DRY	EC															
BHC,B	34257	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/KG-DRY	EC															
BHC,D	34262	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/KG-DRY	EC															
BHC,G(LINDANE)	39783	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/KG-DRY	EC															
CHLORDANE	39351	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/KG-DRY	EC															
DDD,PP'	39311	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/KG-DRY	EC															
DDE,PP'	39321	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/KG-DRY	EC															
DDT,PP'	39301	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/KG-DRY	EC															
DIELDRIN	39383	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/KG-DRY	EC															
ENDOSULFAN,A	34364	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/KG-DRY	EC															
ENDOSULFAN,B	34359	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/KG-DRY	EC															
ENDOSULFAN SULFATE	34354	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/KG-DRY	EC															
ENDRIN	39393	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/KG-DRY	EC															
ENDRIN ALDEHYDE	34369	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/KG-DRY	EC															
HEPTACHLOR	39413	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/KG-DRY	EC															
HEPTACHLOR EPOXIDE	39423	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/KG-DRY	EC															
TOXAPHENE	39403	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/KG-DRY	EC															

PROJECT NUMBER 86447 0400 PROJECT NAME NAVY - LEJEUNE
FIELD GROUP LJSO-1 PROJECT MANAGER J.D. SHAMIS
LAB COORDINATOR JEFF SHAMIS

PARAMETERS	STORET #	21S011C	21S011D	21S012A	21S012B	21S012C	21S012D	45S031A	45S031B	45S031C	45S032A	45S032B	45S032C	45S033A	45S033B	45S033C
		SAMPLE ID/#														
		LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1
UNITS	METHOD	31	32	33	34	35	36	37	38	39	440	41	42	43	44	45
DATE		11/12/86	11/12/86	11/12/86	11/12/86	11/12/86	11/12/86	11/11/86	11/11/86	11/11/86	11/11/86	11/11/86	11/11/86	11/11/86	11/11/86	11/11/86
TIME		09:10	09:15	09:20	09:25	09:30	09:35	12:13	12:20	12:29	10:30	10:43	11:09	11:35	11:36	11:45
2,4-D	39731	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/KG-DRY	EC															
2,4,5-T	39741	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/KG-DRY	EC															
2,4,5-TP/SILVEX	39761	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	EX11/14	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/KG-DRY	EC															
PCBS,TOTAL	39519	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/KG-DRY	EC															
LEAD,SED	1052	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ									
UG/G-DRY	ICAP															
OIL&GR,IR,SED	561	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ									
UG/G- DRY	1															

PROJECT NUMBER 86447 0400 PROJECT NAME NAVY - LEJEUNE
FIELD GROUP LJSO-1 PROJECT MANAGER J.D. SHAMIS
LAB COORDINATOR JEFF SHAMIS

PARAMETERS	STORET #	45S034A	45S034B	45S034C	45S035A	45S035B	45S035C	45S036A	45S036B	45S036C
		SAMPLE ID/#								
		LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1
UNITS	METHOD	46	47	48	49	50	51	52	53	54
DATE		11/11/86	11/11/86	11/11/86	11/11/86	11/11/86	11/11/86	11/11/86	11/11/86	11/11/86
TIME		12:53	13:00	13:10	14:15	14:25	14:35	13:31	13:47	13:51
MOISTURE	70320	13.5	15.4	32.6	15.1	17.6	21.4	13.3	21.4	31.5
%WET WT	1									
2,3,7,8-TCDD	34678	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/KG-DRY	GMS									
ALDRIN	39333	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/KG-DRY	EC									
BHC,A	39076	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/KG-DRY	EC									
BHC,B	34257	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/KG-DRY	EC									
BHC,D	34262	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/KG-DRY	EC									
BHC,G(LINDANE)	39783	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/KG-DRY	EC									
CHLORDANE	39351	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/KG-DRY	EC									
DDD,PP'	39311	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/KG-DRY	EC									
DDE,PP'	39321	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/KG-DRY	EC									
DDT,PP'	39301	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/KG-DRY	EC									
DIELDRIN	39383	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/KG-DRY	EC									
ENDOSULFAN,A	34364	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/KG-DRY	EC									
ENDOSULFAN,B	34359	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/KG-DRY	EC									
ENDOSULFAN SULFATE	34354	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/KG-DRY	EC									
ENDRIN	39393	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/KG-DRY	EC									
ENDRIN ALDEHYDE	34369	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/KG-DRY	EC									
HEPTACHLOR	39413	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/KG-DRY	EC									
HEPTACHLOR EPOXIDE	39423	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/KG-DRY	EC									
TOXAPHENE	39403	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/KG-DRY	EC									

PROJECT NUMBER 86447 0400 PROJECT NAME NAVY - LEJEUNE
FIELD GROUP LJSO-1 PROJECT MANAGER J.D. SHAMIS
LAB COORDINATOR JEFF SHAMIS

PARAMETERS	STORET #	45S034A	45S034B	45S034C	45S035A	45S035B	45S035C	45S036A	45S036B	45S036C
		SAMPLE ID/#								
		LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1	LJSO-1
UNITS	METHOD	46	47	48	49	50	51	52	53	54
DATE		11/11/86	11/11/86	11/11/86	11/11/86	11/11/86	11/11/86	11/11/86	11/11/86	11/11/86
TIME		12:53	13:00	13:10	14:15	14:25	14:35	13:31	13:47	13:51
2,4-D	39731	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/KG-DRY	EC									
2,4,5-T	39741	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/KG-DRY	EC									
2,4,5-TP/SILVEX	39761	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/KG-DRY	EC									
PCBS,TOTAL	39519	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
UG/KG-DRY	EC									
LEAD,SED	1052									
UG/G-DRY	ICAP									
OIL&GR,IR,SED	561									
UG/G- DRY	I									

POTABLE WATER

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PROJECT NUMBER 86447 0400 PROJECT NAME NAVY - LEJEUNE
FIELD GROUP LJPWIC PROJECT MANAGER J.D. SHAMIS
LAB COORDINATOR JEFF SHAMIS

SAMPLE ID/#

PARAMETERS	STORET #	COMP-1	COMP-2	COMP-3	COMP-4	COMP-5	COMP-6	COMP-7	COMP-8	COMP-9	COMP-10	601	602	608	634	651
		LJPWIC	LJPWIC	LJPWIC	LJPWIC	LJPWIC	LJPWIC	LJPWIC	LJPWIC	LJPWIC	LJPWIC	LJPWIC	LJPWIC	LJPWIC	LJPWIC	LJPWIC
UNITS	METHOD	1	2	3	4	5	6	7	8	9	10	11	12	13	14	16
DATE		10/28/86	10/28/86	11/03/86	11/03/86	11/03/86	10/30/86	10/29/86	11/04/86	11/05/86	11/06/86	11/12/86	11/12/86	11/12/86	11/12/86	11/12/86
TIME		10:20	11:20	12:10	09:17	14:25	12:00	14:25	13:05	12:49	10:35	13:56	13:37	14:41	12:57	12:23
BARIUM,TOTAL	1007															
UG/L	ICAP															
NITROG,NO2+NO3	630	0.014	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	0.042	<0.010	<0.010.	<0.010	<0.010
MG/L-AS N	TECH															
NITROGEN,NO2	615	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	0.042	<0.010	<0.010	<0.010	<0.010
MG/L- AS N	TECH															
NITROG,NO3,CAL	620															
MG/L-AS N	0															
IRON,TOTAL	1045															
UG/L	ICAP															
CHLORIDE	940	11.4	14.2				14.6	68.8								
MG/L	TITR															
MANGANESE,TOTAL	1055															
UG/L	ICAP															
SODIUM,TOTAL	929															
MG/L	ICAP															
SULFATE	945	5	<5	15	6	*16	<20	<5	<5	11	9					
MG/L	TURB															
THMS,TOTAL	82080															
UG/L	0															
COLOR,TRUE	80	6	10	21	33	26	40	15	23	15	39	104	48	9	10	13
PCU	1															
RESIDUE,DISS	70300	206	210	278	290	274	428	454	180	230	268	358	524	270	226	192
MG/L	1															
TURBIDITY	76	16.0	3.80	17.0	29.0	19.0	28.0	4.70	8.40	15.0	15.0	17.0	18.0	10.0	11.0	12.0
F/NTU	1															
ANTIMONY,TOTAL	1097															
UG/L	ICAP															
ARSENIC,TOTAL	1002			IL	IL	IL			IL	IL	IL	IL	IL	IL	IL	IL
UG/L	GFAA															
BERYLLIUM, TOTAL	1012															
UG/L	ICAP															
CADMIUM,TOTAL	1027															
UG/L	ICAP															
CHROMIUM,TOTAL	1034															
UG/L	ICAP															
COPPER,TOTAL	1042															
UG/L	ICAP															
LEAD,TOTAL	1051															
UG/L	ICAP															

PROJECT NUMBER 86447 0400 PROJECT NAME NAVY - LEJEUNE
FIELD GROUP LJPWIC PROJECT MANAGER J.D. SHAMIS
LAB COORDINATOR JEFF SHAMIS

SAMPLE ID/#

PARAMETERS	STORET #	COMP-1	COMP-2	COMP-3	COMP-4	COMP-5	COMP-6	COMP-7	COMP-8	COMP-9	COMP-10	601	602	608	634	651
		LJPWIC	LJPWIC	LJPWIC	LJPWIC	LJPWIC	LJPWIC	LJPWIC	LJPWIC	LJPWIC	LJPWIC	LJPWIC	LJPWIC	LJPWIC	LJPWIC	LJPWIC
UNITS	METHOD	1	2	3	4	5	6	7	8	9	10	11	12	13	14	16
DATE		10/28/86	10/28/86	11/03/86	11/03/86	11/03/86	10/30/86	10/29/86	11/04/86	11/05/86	11/06/86	11/12/86	11/12/86	11/12/86	11/12/86	11/12/86
TIME		10:20	11:20	12:10	09:17	14:25	12:00	14:25	13:05	12:49	10:35	13:56	13:37	14:41	12:57	12:23
MERCURY,TOTAL	71900	0.5	0.5					0.6								
UG/L	CVAA															
NICKEL,TOTAL	1067															
UG/L	ICAP															
SELENIUM,TOTAL	1147			IL	IL	IL			IL	IL	IL	IL	IL	IL	IL	IL
UG/L	GFAA															
SILVER,TOTAL	1077															
UG/L	ICAP															
THALLIUM,TOTAL	1059															
UG/L	GFAA															
ZINC,TOTAL	1092															
UG/L	ICAP															
ALDRIN	39330	EX11/03	EX11/03	EX11/08	EX11/08	EX11/08	EX11/03	EX11/03	EX11/08	EX11/08	EX11/08	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18
UG/L	EC															
BHC,A	39337	EX11/03	EX11/03	EX11/08	EX11/08	EX11/08	EX11/03	EX11/03	EX11/08	EX11/08	EX11/08	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18
UG/L	EC															
BHC,B	39338															
UG/L	EC															
BHC,D	34259															
UG/L	EC															
BHC,G(LINDANE)	39340															
UG/L	EC															
CHLORDANE	39350															
UG/L	EC															
DDD,PP'	39310															
UG/L	EC															
DDE,PP'	39320															
UG/L	EC															
DDT,PP'	39300	EX11/03	EX11/03	EX11/08	EX11/08	EX11/08	EX11/03	EX11/03	EX11/08	EX11/08	EX11/08	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18
UG/L	EC															
DIELDRIN	39380															
UG/L	EC															
ENDOSULFAN,A	34361	EX11/03	EX11/03	EX11/08	EX11/08	EX11/08	EX11/03	EX11/03	EX11/08	EX11/08	EX11/08	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18
UG/L	EC															
ENDOSULFAN,B	34356															
UG/L	EC															
ENDOSULFAN SULFATE	34351															
UG/L	EC															
ENDRIN	39390															
UG/L	EC															

PROJECT NUMBER 86447 0400 PROJECT NAME NAVY - LEJEUNE
FIELD GROUP LJPWIC PROJECT MANAGER J.D. SHAMIS
LAB COORDINATOR JEFF SHAMIS

PARAMETERS	STORET #	COMP-1	COMP-2	COMP-3	COMP-4	COMP-5	COMP-6	COMP-7	COMP-8	COMP-9	COMP-10	601	602	608	634	651
		SAMPLE ID/#														
UNITS	METHOD	LJPWIC 1	LJPWIC 2	LJPWIC 3	LJPWIC 4	LJPWIC 5	LJPWIC 6	LJPWIC 7	LJPWIC 8	LJPWIC 9	LJPWIC 10	LJPWIC 11	LJPWIC 12	LJPWIC 13	LJPWIC 14	LJPWIC 16
DATE		10/28/86	10/28/86	11/03/86	11/03/86	11/03/86	10/30/86	10/29/86	11/04/86	11/05/86	11/06/86	11/12/86	11/12/86	11/12/86	11/12/86	11/12/86
TIME		10:20	11:20	12:10	09:17	14:25	12:00	14:25	13:05	12:49	10:35	13:56	13:37	14:41	12:57	12:23
ENDRIN ALDEHYDE	34366															
UG/L	EC															
HEPTACHLOR	39410															
UG/L	EC															
HEPTACHLOR EPOXIDE	39420															
UG/L	EC															
TOXAPHENE	39400															
UG/L	EC															
PCBS, WATER	39516	EX11/03	EX11/03	EX11/08	EX11/08	EX11/08	EX11/03	EX11/03	EX11/08	EX11/08	EX11/08	EX11/18	EX11/18	EX11/18	EX11/18	EX11/18
UG/L	EC															
ACENAPHTHENE	34205	<1.0	<1.0	<1.0	<1.0	EX11/07	<1.0	<1.0	<1.0	<1.0	EX11/11	EX11/17	EX11/17	EX11/17	EX11/17	EX11/17
UG/L	GMS															
ACENAPHTHYLENE	34200	<1.0	<1.0	<1.0	<1.0	EX11/07	<1.0	<1.0	<1.0	<1.0	EX11/11	EX11/17	EX11/17	EX11/17	EX11/17	EX11/17
UG/L	GMS															
ANTHRACENE	34220	<1.0	<1.0	<1.0	<1.0	EX11/07	<1.0	<1.0	<1.0	<1.0	EX11/11	EX11/17	EX11/17	EX11/17	EX11/17	EX11/17
UG/L	GMS															
BENZIDINE	39120	<2.1	<2.1	<2.1	<2.1	EX11/07	<2.1	<2.1	<2.1	<2.1	EX11/11	EX11/17	EX11/17	EX11/17	EX11/17	EX11/17
UG/L	GMS															
BENZO(A)ANTHRACENE	34526	<1.0	<1.0	<1.0	<1.0	EX11/07	<1.0	<1.0	<1.0	<1.0	EX11/11	EX11/17	EX11/17	EX11/17	EX11/17	EX11/17
UG/L	GMS															
BENZO(B)FLUORANTHENE	34230	<1.5	<1.5	<1.5	<1.5	EX11/07	<1.5	<1.5	<1.5	<1.5	EX11/11	EX11/17	EX11/17	EX11/17	EX11/17	EX11/17
UG/L	GMS															
BENZO(K)FLUORANTHENE	34242	<1.5	<1.5	<1.5	<1.5	EX11/07	<1.5	<1.5	<1.5	<1.5	EX11/11	EX11/17	EX11/17	EX11/17	EX11/17	EX11/17
UG/L	GMS															
BENZO(A)PYRENE	34247	<1.5	<1.5	<1.5	<1.5	EX11/07	<1.5	<1.5	<1.5	<1.5	EX11/11	EX11/17	EX11/17	EX11/17	EX11/17	EX11/17
UG/L	GMS															
BENZO(GHI)PERYLENE	34521	<2.0	<2.0	<2.0	<2.0	EX11/07	<2.0	<2.0	<2.0	<2.0	EX11/11	EX11/17	EX11/17	EX11/17	EX11/17	EX11/17
UG/L	GMS															
BUTYL BENZ'PHTHALATE	34292	<1.0	<1.0	<1.0	<1.0	EX11/07	<1.0	<1.0	<1.0	<1.0	EX11/11	EX11/17	EX11/17	EX11/17	EX11/17	EX11/17
UG/L	GMS															
BIS(2-CHL'ETH')ETHER	34273	<1.0	<1.0	<1.0	<1.0	EX11/07	<1.0	<1.0	<1.0	<1.0	EX11/11	EX11/17	EX11/17	EX11/17	EX11/17	EX11/17
UG/L	GMS															
BIS(2-CHL'ETHOX)MTHN	34278	<1.0	<1.0	<1.0	<1.0	EX11/07	<1.0	<1.0	<1.0	<1.0	EX11/11	EX11/17	EX11/17	EX11/17	EX11/17	EX11/17
UG/L	GMS															
BIS(2-ETH'HEX')PHTH.	39100	3.7	2.9	*TO.80	<1.0	EX11/07	3.9	1.6	<1.0	1.5	EX11/11	EX11/17	EX11/17	EX11/17	EX11/17	EX11/17
UG/L	GMS															
BIS(2-CHL'ISOPR)ETHR	34283	<1.0	<1.0	<1.0	<1.0	EX11/07	<1.0	<1.0	<1.0	<1.0	EX11/11	EX11/17	EX11/17	EX11/17	EX11/17	EX11/17
UG/L	GMS															
4-BRO'PHEN'PHEN'ETHR	34636	<1.0	<1.0	<1.0	<1.0	EX11/07	<1.0	<1.0	<1.0	<1.0	EX11/11	EX11/17	EX11/17	EX11/17	EX11/17	EX11/17
UG/L	GMS															

PROJECT NUMBER 86447 0400 PROJECT NAME NAVY - LEJEUNE
FIELD GROUP LJPWIC PROJECT MANAGER J.D. SHAMIS
LAB COORDINATOR JEFF SHAMIS

SAMPLE ID/#

PARAMETERS UNITS	STORET # METHOD	COMP-1 LJPWIC 1	COMP-2 LJPWIC 2	COMP-3 LJPWIC 3	COMP-4 LJPWIC 4	COMP-5 LJPWIC 5	COMP-6 LJPWIC 6	COMP-7 LJPWIC 7	COMP-8 LJPWIC 8	COMP-9 LJPWIC 9	COMP-10 LJPWIC 10	601 LJPWIC 11	602 LJPWIC 12	608 LJPWIC 13	634 LJPWIC 14	651 LJPWIC 16
DATE		10/28/86	10/28/86	11/03/86	11/03/86	11/03/86	10/30/86	10/29/86	11/04/86	11/05/86	11/06/86	11/12/86	11/12/86	11/12/86	11/12/86	11/12/86
TIME		10:20	11:20	12:10	09:17	14:25	12:00	14:25	13:05	12:49	10:35	13:56	13:37	14:41	12:57	12:23
2-CHLORONAPHTHALENE UG/L	34581 GMS	<1.0	<1.0	<1.0	<1.0	EX11/07	<1.0	<1.0	<1.0	<1.0	EX11/11	EX11/17	EX11/17	EX11/17	EX11/17	EX11/17
2-CHLOROPHENOL UG/L	34586 GMS	<1.7	<1.7	<1.7	<1.7	EX11/07	<1.7	<1.7	<1.7	<1.7	EX11/11	EX11/17	EX11/17	EX11/17	EX11/17	EX11/17
4-CHLORO-3-METHYLPHENOL UG/L	34452 GMS	<1.4	<1.4	<1.4	<1.4	EX11/07	<1.4	<1.4	<1.4	<1.4	EX11/11	EX11/17	EX11/17	EX11/17	EX11/17	EX11/17
4-CHL'PHEN'PHEN'ETHR UG/L	34641 GMS	<1.0	<1.0	<1.0	<1.0	EX11/07	<1.0	<1.0	<1.0	<1.0	EX11/11	EX11/17	EX11/17	EX11/17	EX11/17	EX11/17
CHRYSENE UG/L	34320 GMS	<1.0	<1.0	<1.0	<1.0	EX11/07	<1.0	<1.0	<1.0	<1.0	EX11/11	EX11/17	EX11/17	EX11/17	EX11/17	EX11/17
DIBEN'(A,H)ANTH'CENE UG/L	34556 GMS	<2.0	<2.0	<2.0	<2.0	EX11/07	<2.0	<2.0	<2.0	<2.0	EX11/11	EX11/17	EX11/17	EX11/17	EX11/17	EX11/17
DI-N-BUTYLPHTHALATE UG/L	39110 GMS	<1.0	<1.0	<1.0	<1.0	EX11/07	<1.0	<1.0	<1.0	<1.0	EX11/11	EX11/17	EX11/17	EX11/17	EX11/17	EX11/17
1,3,DICHLOROBENZENE UG/L	34566 GMS	<1.0	<1.0	<1.0	<1.0	EX11/07	<1.0	<1.0	<1.0	<1.0	EX11/11	EX11/17	EX11/17	EX11/17	EX11/17	EX11/17
1,2-DICHLOROBENZENE UG/L	34536 GMS	<1.0	<1.0	<1.0	<1.0	EX11/07	<1.0	<1.0	<1.0	<1.0	EX11/11	EX11/17	EX11/17	EX11/17	EX11/17	EX11/17
1,4-DICHLOROBENZENE UG/L	34571 GMS	<1.0	<1.0	<1.0	<1.0	EX11/07	<1.0	<1.0	<1.0	<1.0	EX11/11	EX11/17	EX11/17	EX11/17	EX11/17	EX11/17
3,3'-DICHL'BENZIDINE UG/L	34631 GMS	<1.5	<1.5	<1.5	<1.5	EX11/07	<1.5	<1.5	<1.5	<1.5	EX11/11	EX11/17	EX11/17	EX11/17	EX11/17	EX11/17
2,4-DICHLOROPHENOL UG/L	34601 GMS	<1.4	<1.4	<1.4	<1.4	EX11/07	<1.4	<1.4	<1.4	<1.4	EX11/11	EX11/17	EX11/17	EX11/17	EX11/17	EX11/17
DIETHYLPHTHALATE UG/L	34336 GMS	<1.0	<1.0	<1.0	<1.0	EX11/07	<1.0	<1.0	<1.0	<1.0	EX11/11	EX11/17	EX11/17	EX11/17	EX11/17	EX11/17
2,4-DIMETHYLPHENOL UG/L	34606 GMS	<1.4	<1.4	<1.4	<1.4	EX11/07	<1.4	<1.4	<1.4	<1.4	EX11/11	EX11/17	EX11/17	EX11/17	EX11/17	EX11/17
DIMETHYLPTHALATE UG/L	34341 GMS	<1.0	<1.0	<1.0	<1.0	EX11/07	<1.0	<1.0	<1.0	<1.0	EX11/11	EX11/17	EX11/17	EX11/17	EX11/17	EX11/17
2,4-DINITROPHENOL UG/L	34616 GMS	<30	<30	<30	<30	EX11/07	<30	<30	<30	<30	EX11/11	EX11/17	EX11/17	EX11/17	EX11/17	EX11/17
2,4-DINITROTOLUENE UG/L	34611 GMS	<1.0	<1.0	<1.0	<1.0	EX11/07	<1.0	<1.0	<1.0	<1.0	EX11/11	EX11/17	EX11/17	EX11/17	EX11/17	EX11/17
2,6-DINITROTOLUENE UG/L	34626 GMS	<1.0	<1.0	<1.0	<1.0	EX11/07	<1.0	<1.0	<1.0	<1.0	EX11/11	EX11/17	EX11/17	EX11/17	EX11/17	EX11/17
DI-N-OCTYLPHTHALATE UG/L	34596 GMS	0.90	<1.1	<1.1	<1.1	EX11/07	<1.1	<1.1	<1.1	1.6	EX11/11	EX11/17	EX11/17	EX11/17	EX11/17	EX11/17
FLUORANTHENE UG/L	34376 GMS	<1.0	<1.0	<1.0	<1.0	EX11/07	<1.0	<1.0	<1.0	<1.0	EX11/11	EX11/17	EX11/17	EX11/17	EX11/17	EX11/17

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FIELD GROUP LJPWIC PROJECT MANAGER J.D. SHAMIS
LAB COORDINATOR JEFF SHAMIS

PARAMETERS UNITS	STORET # METHOD	COMP-1 LJPWIC 1	COMP-2 LJPWIC 2	COMP-3 LJPWIC 3	COMP-4 LJPWIC 4	COMP-5 LJPWIC 5	COMP-6 LJPWIC 6	COMP-7 LJPWIC 7	COMP-8 LJPWIC 8	COMP-9 LJPWIC 9	COMP-10 LJPWIC 10	601 LJPWIC 11	602 LJPWIC 12	608 LJPWIC 13	634 LJPWIC 14	651 LJPWIC 16
		SAMPLE ID/#														
DATE		10/28/86	10/28/86	11/03/86	11/03/86	11/03/86	10/30/86	10/29/86	11/04/86	11/05/86	11/06/86	11/12/86	11/12/86	11/12/86	11/12/86	11/12/86
TIME		10:20	11:20	12:10	09:17	14:25	12:00	14:25	13:05	12:49	10:35	13:56	13:37	14:41	12:57	12:23
FLUORENE UG/L	34381 GMS	<1.0	<1.0	<1.0	<1.0	EX11/07	<1.0	<1.0	<1.0	<1.0	EX11/11	EX11/17	EX11/17	EX11/17	EX11/17	EX11/17
HEXACHLOROBENZENE UG/L	39700 GMS	<1.0	<1.0	<1.0	<1.0	EX11/07	<1.0	<1.0	<1.0	<1.0	EX11/11	EX11/17	EX11/17	EX11/17	EX11/17	EX11/17
HEXACHLOROBUTADIENE UG/L	34391 GMS	<1.1	<1.1	<1.1	<1.1	EX11/07	<1.1	<1.1	<1.1	<1.1	EX11/11	EX11/17	EX11/17	EX11/17	EX11/17	EX11/17
HEXACHLOROCYCLOPENTA DIENE UG/L	34386 GMS	<2.0	<2.0	<2.0	<2.0	EX11/07	<2.0	<2.0	<2.0	<2.0	EX11/11	EX11/17	EX11/17	EX11/17	EX11/17	EX11/17
HEXACHLOROETHANE UG/L	34396 GMS	<1.5	<1.5	<1.5	<1.5	EX11/07	<1.5	<1.5	<1.5	<1.5	EX11/11	EX11/17	EX11/17	EX11/17	EX11/17	EX11/17
INDENO(1,2,3-CD)PYRN UG/L	34403 GMS	<2.0	<2.0	<2.0	<2.0	EX11/07	<2.0	<2.0	<2.0	<2.0	EX11/11	EX11/17	EX11/17	EX11/17	EX11/17	EX11/17
ISOPHORONE UG/L	34408 GMS	<1.0	<1.0	<1.0	<1.0	EX11/07	<1.0	<1.0	<1.0	<1.0	EX11/11	EX11/17	EX11/17	EX11/17	EX11/17	EX11/17
2-MET'-4,6-DN'PHENOL UG/L	34657 GMS	<5.0	<5.0	<5.0	<5.0	EX11/07	<5.0	<5.0	<5.0	<5.0	EX11/11	EX11/17	EX11/17	EX11/17	EX11/17	EX11/17
NAPHTHALENE UG/L	34696 GMS	<1.0	<1.0	<1.0	<1.0	EX11/07	<1.0	<1.0	<1.0	<1.0	EX11/11	EX11/17	EX11/17	EX11/17	EX11/17	EX11/17
NITROBENZENE UG/L	34447 GMS	<1.0	<1.0	<1.0	<1.0	EX11/07	<1.0	<1.0	<1.0	<1.0	EX11/11	EX11/17	EX11/17	EX11/17	EX11/17	EX11/17
2-NITROPHENOL UG/L	34591 GMS	<1.4	<1.4	<1.4	<1.4	EX11/07	<1.4	<1.4	<1.4	<1.4	EX11/11	EX11/17	EX11/17	EX11/17	EX11/17	EX11/17
4-NITROPHENOL UG/L	34646 GMS	<5.0	<5.0	<5.0	<5.0	EX11/07	<5.0	<5.0	<5.0	<5.0	EX11/11	EX11/17	EX11/17	EX11/17	EX11/17	EX11/17
N-NITROSODIMET'AMINE UG/L	34438 GMS	<1.0	<1.0	<1.0	<1.0	EX11/07	<1.0	<1.0	<1.0	<1.0	EX11/11	EX11/17	EX11/17	EX11/17	EX11/17	EX11/17
N-NITROSODI-N-PROPYL AMINE UG/L	34428 GMS	<1.0	<1.0	<1.0	<1.0	EX11/07	<1.0	<1.0	<1.0	<1.0	EX11/11	EX11/17	EX11/17	EX11/17	EX11/17	EX11/17
N-NITROSODIPHE'AMINE UG/L	34433 GMS	<1.0	<1.0	<1.0	<1.0	EX11/07	<1.0	<1.0	<1.0	<1.0	EX11/11	EX11/17	EX11/17	EX11/17	EX11/17	EX11/17
PENTACHLOROPHENOL UG/L	39032 GMS	<10	<10	<10	<10	EX11/07	<10	<10	<10	<10	EX11/11	EX11/17	EX11/17	EX11/17	EX11/17	EX11/17
PHENANTHRENE UG/L	34461 GMS	<1.0	<1.0	<1.0	<1.0	EX11/07	<1.0	<1.0	<1.0	<1.0	EX11/11	EX11/17	EX11/17	EX11/17	EX11/17	EX11/17
PHENOL UG/L	34694 GMS	<1.3	<1.3	<1.3	<1.3	EX11/07	<1.3	<1.3	<1.3	<1.3	EX11/11	EX11/17	EX11/17	EX11/17	EX11/17	EX11/17
PYRENE UG/L	34469 GMS	<1.0	<1.0	<1.0	<1.0	EX11/07	<1.0	<1.0	<1.0	<1.0	EX11/11	EX11/17	EX11/17	EX11/17	EX11/17	EX11/17
1,2,4-TRICHLOROBENZE NE UG/L	34551 GMS	<1.0	<1.0	<1.0	<1.0	EX11/07	<1.0	<1.0	<1.0	<1.0	EX11/11	EX11/17	EX11/17	EX11/17	EX11/17	EX11/17

APPENDIX B

QUALITY CONTROL CHARTS

PROJECT NUMBER 86447 0400 PROJECT NAME NAVY - LEJEUNE
FIELD GROUP LJPWIC PROJECT MANAGER J.D. SHAMIS
LAB COORDINATOR JEFF SHAMIS

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PARAMETERS UNITS	STORET # METHOD	COMP-1 LJPWIC 1	COMP-2 LJPWIC 2	COMP-3 LJPWIC 3	COMP-4 LJPWIC 4	COMP-5 LJPWIC 5	COMP-6 LJPWIC 6	COMP-7 LJPWIC 7	COMP-8 LJPWIC 8	COMP-9 LJPWIC 9	COMP-10 LJPWIC 10	601 LJPWIC 11	602 LJPWIC 12	608 LJPWIC 13	634 LJPWIC 14	651 LJPWIC 16
DATE		10/28/86	10/28/86	11/03/86	11/03/86	11/03/86	10/30/86	10/29/86	11/04/86	11/05/86	11/06/86	11/12/86	11/12/86	11/12/86	11/12/86	11/12/86
TIME		10:20	11:20	12:10	09:17	14:25	12:00	14:25	13:05	12:49	10:35	13:56	13:37	14:41	12:57	12:23
2,4,6-TRICHL'PHENOL UG/L	34621 GMS	<1.8	<1.8	<1.8	<1.8	EX11/07	<1.8	<1.8	<1.8	<1.8	EX11/11	EX11/17	EX11/17	EX11/17	EX11/17	EX11/17
1,2-DIBROMOETHANE (EDB) UG/L	77651 EC	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	EX11/18	EX11/18	EX11/18	EX11/18	NRQ
BENZENE UG/L	34030 GMS	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	<4.4	50	<4.4	<4.4	<4.4
BROMODICHLOROMETHANE UG/L	32101 GMS	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	<2.2	<2.2	<2.2	<2.2	<2.2
BROMOFORM UG/L	32104 GMS	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	<4.7	<4.7	<4.7	<4.7	<4.7
BROMOMETHANE UG/L	34413 GMS	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	<5.8	<5.8	<5.8	<5.8	<5.8
CARBON TETRACHLORIDE UG/L	32102 GMS	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	<2.8	<2.8	<2.8	<2.8	<2.8
CHLOROBENZENE UG/L	34301 GMS	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	<6.0	<6.0	<6.0	<6.0	<6.0
CHLOROETHANE UG/L	34311 GMS	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	<8.2	<8.2	<8.2	<8.2	<8.2
2-CHLOROETHYLVINYLETHER UG/L	34576 GMS	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	<15	<15	<15	<15	<15
CHLOROFORM UG/L	32106 GMS	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	<1.6	<1.6	<1.6	<1.6	<1.6
CHLOROMETHANE UG/L	34418 GMS	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	<4.3	<4.3	<4.3	<4.3	<4.3
DIBROMOCHLOROMETHANE UG/L	32105 GMS	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	<3.1	<3.1	<3.1	<3.1	<3.1
1,1-DICHLOROETHANE UG/L	34496 GMS	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	<4.7	<4.7	<4.7	<4.7	<4.7
1,2-DICHLOROETHANE UG/L	34531 GMS	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	<2.8	9.2	<2.8	<2.8	<2.8
1,1-DICHLOROETHYLENE UG/L	34501 GMS	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	<2.8	<2.8	<2.8	<2.8	7.0
T-1,2-DICHLOROETHENE UG/L	34546 GMS	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	<1.6	14	8.5	2.9	140
1,2-DICHLOROPROPANE UG/L	34541 GMS	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	<6.0	<6.0	<6.0	<6.0	<6.0
CIS-1,3-DICH'PROPENE UG/L	34704 GMS	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	<5.0	<5.0	<5.0	<5.0	<5.0
T-1,3-DICHL'PROPENE UG/L	34699 GMS	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	<6.4	<6.4	<6.4	<6.4	<6.4

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PARAMETERS UNITS	STORET # METHOD	COMP-1 LJPWIC 1	COMP-2 LJPWIC 2	COMP-3 LJPWIC 3	COMP-4 LJPWIC 4	COMP-5 LJPWIC 5	COMP-6 LJPWIC 6	COMP-7 LJPWIC 7	COMP-8 LJPWIC 8	COMP-9 LJPWIC 9	COMP-10 LJPWIC 10	601 LJPWIC 11	602 LJPWIC 12	608 LJPWIC 13	634 LJPWIC 14	651 LJPWIC 16
DATE		10/28/86	10/28/86	11/03/86	11/03/86	11/03/86	10/30/86	10/29/86	11/04/86	11/05/86	11/06/86	11/12/86	11/12/86	11/12/86	11/12/86	11/12/86
TIME		10:20	11:20	12:10	09:17	14:25	12:00	14:25	13:05	12:49	10:35	13:56	13:37	14:41	12:57	12:23
ETHYLBENZENE UG/L	34371 GMS	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	<7.2	<7.2	<7.2	<7.2	<7.2
METHYLENE CHLORIDE UG/L	34423 GMS	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	<2.8	<2.8	<2.8	<2.8	<2.8
1,1,2,2-TE'CH'ETHANE UG/L	34516 GMS	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	<4.1	<4.1	<4.1	<4.1	<4.1
TETRACHLOROETHENE UG/L	34475 GMS	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	<4.1	<4.1	<4.1	<4.1	45
TOLUENE UG/L	34010 GMS	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	<6.0	<6.0	<6.0	<6.0	<6.0
1,1,1-TRICHL'ETHANE UG/L	34506 GMS	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	<3.8	<3.8	<3.8	<3.8	<3.8
1,1,2-TRICHLOROETHANE UG/L	34511 GMS	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	<5.0	<5.0	<5.0	<5.0	<5.0
TRICHLOROETHENE UG/L	39180 GMS	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	<1.9	2.2	66	<1.9	32
TRICHLOROFLUOROMETHANE UG/L	34488 GMS	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	<3.2	<3.2	<3.2	<3.2	<3.2
VINYL CHLORIDE UG/L	39175 GMS	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	<4.9	<4.9	<4.9	<4.9	140
ACROLEIN UG/L	34210 GMS	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	<100	<100	<100	<100	<100
ACRYLONITRILE UG/L	34215 GMS	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	<100	<100	<100	<100	<100
DICHLORODIFLUOROMETHANE UG/L	34668 GMS	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	<10	<10	<10	<10	<10
M-XYLENE UG/L	98553 GMS	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	<12	<12	<12	<12	<12
O-AND/OR-P XYLENE UG/L	98554 GMS	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	<12	<12	<12	<12	<12
METHYL ETHYL KETONE UG/L	81595 GMS	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	<48	<48	<48	<48	<48
METHYL ISOBUT'KETONE UG/L	81596 GMS	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	<12	<12	<12	<12	<12

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PARAMETERS	UNITS	STORET # METHOD	652 LJPWIC 17	653 LJPWIC 18
DATE			11/12/86	11/12/86
TIME			00:00	12:01
BARIUM,TOTAL		1007		
	UG/L	ICAP		
NITROG,NO2+NO3		630	<0.010	<0.010
	MG/L-AS N	TECH		
NITROGEN,NO2		615	<0.010	<0.010
	MG/L- AS N	TECH		
NITROG,NO3,CAL		620		
	MG/L-AS N	0		
IRON,TOTAL		1045		
	UG/L	ICAP		
CHLORIDE		940		
	MG/L	TITR		
MANGANESE,TOTAL		1055		
	UG/L	ICAP		
SODIUM,TOTAL		929		
	MG/L	ICAP		
SULFATE		945		
	MG/L	TURB		
THMS,TOTAL		82080		
	UG/L	0		
COLOR,TRUE		80	26	10
	PCU	1		
RESIDUE,DISS		70300	218	26
	MG/L	1		
TURBIDITY		76	14.0	16.0
	F/NTU	1		
ANTIMONY,TOTAL		1097		
	UG/L	ICAP		
ARSENIC,TOTAL		1002	1L	1L
	UG/L	GFAA		
BERYLLIUM, TOTAL		1012		
	UG/L	ICAP		
CADMIUM,TOTAL		1027		
	UG/L	ICAP		
CHROMIUM,TOTAL		1034		
	UG/L	ICAP		
COPPER,TOTAL		1042		
	UG/L	ICAP		
LEAD,TOTAL		1051		
	UG/L	ICAP		

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PARAMETERS	STORET #	652	653
UNITS	METHOD	LJPWIC 17	LJPWIC 18
DATE		11/12/86	11/12/86
TIME		00:00	12:01
MERCURY,TOTAL	71900		
UG/L	CVAA		
NICKEL,TOTAL	1067		
UG/L	ICAP		
SELENIUM,TOTAL	1147	IL	IL
UG/L	GFAA		
SILVER,TOTAL	1077		
UG/L	ICAP		
THALLIUM,TOTAL	1059		
UG/L	GFAA		
ZINC,TOTAL	1092		
UG/L	ICAP		
ALDRIN	39330	EX11/18	EX11/18
UG/L	EC		
BHC,A	39337	EX11/18	EX11/18
UG/L	EC		
BHC,B	39338		
UG/L	EC		
BHC,D	34259		
UG/L	EC		
BHC,G(LINDANE)	39340		
UG/L	EC		
CHLORDANE	39350		
UG/L	EC		
DDD,PP'	39310		
UG/L	EC		
DDE,PP'	39320		
UG/L	EC		
DDT,PP'	39300	EX11/18	EX11/18
UG/L	EC		
DIELDRIN	39380		
UG/L	EC		
ENDOSULFAN,A	34361	EX11/18	EX11/18
UG/L	EC		
ENDOSULFAN,B	34356		
UG/L	EC		
ENDOSULFAN SULFATE	34351		
UG/L	EC		
ENDRIN	39390		
UG/L	EC		

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PARAMETERS	UNITS	STORET # METHOD	652 LJPWIC 17	653 LJPWIC 18
DATE			11/12/86	11/12/86
TIME			00:00	12:01
ENDRIN ALDEHYDE	UG/L	34366 EC		
HEPTACHLOR	UG/L	39410 EC		
HEPTACHLOR EPOXIDE	UG/L	39420 EC		
TOXAPHENE	UG/L	39400 EC		
PCBS, WATER	UG/L	39516 EC	EX11/18	EX11/18
ACENAPHTHENE	UG/L	34205 GMS	EX11/17	EX11/17
ACENAPHTHYLENE	UG/L	34200 GMS	EX11/17	EX11/17
ANTHRACENE	UG/L	34220 GMS	EX11/17	EX11/17
BENZIDINE	UG/L	39120 GMS	EX11/17	EX11/17
BENZO(A)ANTHRACENE	UG/L	34526 GMS	EX11/17	EX11/17
BENZO(B)FLUORANTHENE	UG/L	34230 GMS	EX11/17	EX11/17
BENZO(K)FLUORANTHENE	UG/L	34242 GMS	EX11/17	EX11/17
BENZO(A)PYRENE	UG/L	34247 GMS	EX11/17	EX11/17
BENZO(GHI)PERYLENE	UG/L	34521 GMS	EX11/17	EX11/17
BUTYL BENZ'PHTHALATE	UG/L	34292 GMS	EX11/17	EX11/17
BIS(2-CHL'ETH')ETHER	UG/L	34273 GMS	EX11/17	EX11/17
BIS(2-CHL'ETHOX)MTHN	UG/L	34278 GMS	EX11/17	EX11/17
BIS(2-ETH'HEX')PHTH.	UG/L	39100 GMS	EX11/17	EX11/17
BIS(2-CHL'ISOPR)ETHR	UG/L	34283 GMS	EX11/17	EX11/17
4-BRO'PHEN'PHEN'ETHR	UG/L	34636 GMS	EX11/17	EX11/17

PROJECT NUMBER 86447 0400 PROJECT NAME NAVY - LEJEUNE
FIELD GROUP LJPWIC PROJECT MANAGER J.D. SHAMIS
LAB COORDINATOR JEFF SHAMIS

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PARAMETERS UNITS	STORET # METHOD	652 LJPWIC 17	653 LJPWIC 18
DATE		11/12/86	11/12/86
TIME		00:00	12:01
2-CHLORONAPHTHALENE UG/L	34581 GMS	EX11/17	EX11/17
2-CHLOROPHENOL UG/L	34586 GMS	EX11/17	EX11/17
4-CHLORO-3-METHYLPHENOL UG/L	34452 GMS	EX11/17	EX11/17
4-CHL'PHEN'PHEN'ETHR UG/L	34641 GMS	EX11/17	EX11/17
CHRYSENE UG/L	34320 GMS	EX11/17	EX11/17
DIBEN'(A,H)ANTH'CENE UG/L	34556 GMS	EX11/17	EX11/17
DI-N-BUTYLPHTHALATE UG/L	39110 GMS	EX11/17	EX11/17
1,3,DICHLOROBENZENE UG/L	34566 GMS	EX11/17	EX11/17
1,2-DICHLOROBENZENE UG/L	34536 GMS	EX11/17	EX11/17
1,4-DICHLOROBENZENE UG/L	34571 GMS	EX11/17	EX11/17
3,3'-DICHL'BENZIDINE UG/L	34631 GMS	EX11/17	EX11/17
2,4-DICHLOROPHENOL UG/L	34601 GMS	EX11/17	EX11/17
DIETHYLPHTHALATE UG/L	34336 GMS	EX11/17	EX11/17
2,4-DIMETHYLPHENOL UG/L	34606 GMS	EX11/17	EX11/17
DIMETHYLPTHALATE UG/L	34341 GMS	EX11/17	EX11/17
2,4-DINITROPHENOL UG/L	34616 GMS	EX11/17	EX11/17
2,4-DINITROTOLUENE UG/L	34611 GMS	EX11/17	EX11/17
2,6-DINITROTOLUENE UG/L	34626 GMS	EX11/17	EX11/17
DI-N-OCTYLPHTHALATE UG/L	34596 GMS	EX11/17	EX11/17
FLUORANTHENE UG/L	34376 GMS	EX11/17	EX11/17

PROJECT NUMBER 86447 0400 PROJECT NAME NAVY - LEJEUNE
FIELD GROUP LJPWIC PROJECT MANAGER J.D. SHAMIS
LAB COORDINATOR JEFF SHAMIS

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PARAMETERS	UNITS	STORET # METHOD	652 LJPWIC 17	653 LJPWIC 18
DATE			11/12/86	11/12/86
TIME			00:00	12:01
FLUORENE	UG/L	34381 GMS	EX11/17	EX11/17
HEXACHLOROBENZENE	UG/L	39700 GMS	EX11/17	EX11/17
HEXACHLOROBUTADIENE	UG/L	34391 GMS	EX11/17	EX11/17
HEXACHLOROCYCLOPENTA DIENE	UG/L	34386 GMS	EX11/17	EX11/17
HEXACHLOROETHANE	UG/L	34396 GMS	EX11/17	EX11/17
INDENO(1,2,3-CD)PYRN	UG/L	34403 GMS	EX11/17	EX11/17
ISOPHORONE	UG/L	34408 GMS	EX11/17	EX11/17
2-MET'-4,6-DN'PHENOL	UG/L	34657 GMS	EX11/17	EX11/17
NAPHTHALENE	UG/L	34696 GMS	EX11/17	EX11/17
NITROBENZENE	UG/L	34447 GMS	EX11/17	EX11/17
2-NITROPHENOL	UG/L	34591 GMS	EX11/17	EX11/17
4-NITROPHENOL	UG/L	34646 GMS	EX11/17	EX11/17
N-NITROSODIMET'AMINE	UG/L	34438 GMS	EX11/17	EX11/17
N-NITROSODI-N-PROPYL AMINE	UG/L	34428 GMS	EX11/17	EX11/17
N-NITROSODIPHE'AMINE	UG/L	34433 GMS	EX11/17	EX11/17
PENTACHLOROPHENOL	UG/L	39032 GMS	EX11/17	EX11/17
PHENANTHRENE	UG/L	34461 GMS	EX11/17	EX11/17
PHENOL	UG/L	34694 GMS	EX11/17	EX11/17
PYRENE	UG/L	34469 GMS	EX11/17	EX11/17
1,2,4-TRICHLOROBENZE NE	UG/L	34551 GMS	EX11/17	EX11/17

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LAB COORDINATOR JEFF SHAMIS

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PARAMETERS	UNITS	STORET # METHOD	652 LJPWIC 17	653 LJPWIC 18
DATE			11/12/86	11/12/86
TIME			00:00	12:01
2,4,6-TRICHL'PHENOL	UG/L	34621 GMS	EX11/17	EX11/17
1,2-DIBROMOETHANE (EDB)	UG/L	77651 EC	NRQ	NRQ
BENZENE	UG/L	34030 GMS	NRQ	<4.4
BROMODICHLOROMETHANE	UG/L	32101 GMS	NRQ	<2.2
BROMOFORM	UG/L	32104 GMS	NRQ	<4.7
BROMOMETHANE	UG/L	34413 GMS	NRQ	<5.8
CARBON TETRACHLORIDE	UG/L	32102 GMS	NRQ	<2.8
CHLOROBENZENE	UG/L	34301 GMS	NRQ	<6.0
CHLOROETHANE	UG/L	34311 GMS	NRQ	<8.2
2-CHLOROETHYLVINYLETHER	UG/L	34576 GMS	NRQ	<15
CHLOROFORM	UG/L	32106 GMS	NRQ	<1.6
CHLOROMETHANE	UG/L	34418 GMS	NRQ	<4.3
DIBROMOCHLOROMETHANE	UG/L	32105 GMS	NRQ	<3.1
1,1-DICHLOROETHANE	UG/L	34496 GMS	NRQ	<4.7
1,2-DICHLOROETHANE	UG/L	34531 GMS	NRQ	<2.8
1,1-DICHLOROETHYLENE	UG/L	34501 GMS	NRQ	<2.8
T-1,2-DICHLOROETHENE	UG/L	34546 GMS	NRQ	<1.6
1,2-DICHLOROPROPANE	UG/L	34541 GMS	NRQ	<6.0
CIS-1,3-DICH'PROPENE	UG/L	34704 GMS	NRQ	<5.0
T-1,3-DICHL'PROPENE	UG/L	34699 GMS	NRQ	<6.4

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LAB COORDINATOR JEFF SHAMIS

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PARAMETERS	UNITS	STORET # METHOD	652 LJPWIC 17	653 LJPWIC 18
DATE			11/12/86	11/12/86
TIME			00:00	12:01
ETHYLBENZENE	UG/L	34371 GMS	NRQ	<7.2
METHYLENE CHLORIDE	UG/L	34423 GMS	NRQ	<2.8
1,1,2,2-TE'CH'ETHANE	UG/L	34516 GMS	NRQ	<4.1
TETRACHLOROETHENE	UG/L	34475 GMS	NRQ	<4.1
TOLUENE	UG/L	34010 GMS	NRQ	<6.0
1,1,1-TRICHL'ETHANE	UG/L	34506 GMS	NRQ	<3.8
1,1,2-TRICHLOROETHANE	UG/L	34511 GMS	NRQ	<5.0
TRICHLOROETHENE	UG/L	39180 GMS	NRQ	2.6
TRICHLOROFLUOROMETHANE	UG/L	34488 GMS	NRQ	<3.2
VINYL CHLORIDE	UG/L	39175 GMS	NRQ	<4.9
ACROLEIN	UG/L	34210 GMS	NRQ	<100
ACRYLONITRILE	UG/L	34215 GMS	NRQ	<100
DICHLORODIFLUOROMETHANE	UG/L	34668 GMS	NRQ	<10
M-XYLENE	UG/L	98553 GMS	NRQ	<12
O-AND/OR-P XYLENE	UG/L	98554 GMS	NRQ	<12
METHYL ETHYL KETONE	UG/L	81595 GMS	NRQ	<48
METHYL ISOBUT'KETONE	UG/L	81596 GMS	NRQ	<12

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PROJECT NUMBER 86447 0400 PROJECT NAME NAVY - LEJEUNE
FIELD GROUP LJPWIG PROJECT MANAGER J.D. SHAMIS
LAB COORDINATOR JEFF SHAMIS

PARAMETERS	STORET #	A-5	BB-44	BB-47	BB-220	BB-221	BB-222	BA-164	BA-190	M-142	M-161	M-267	M-628	M-629	M-630	RR-45
		SAMPLE ID/#														
UNITS	METHOD	LJPWIG 1	LJPWIG 2	LJPWIG 3	LJPWIG 4	LJPWIG 5	LJPWIG 6	LJPWIG 7	LJPWIG 8	LJPWIG 9	LJPWIG 10	LJPWIG 12	LJPWIG 13	LJPWIG 14	LJPWIG 15	LJPWIG 16
DATE		10/28/86	10/28/86	10/28/86	10/28/86	10/28/86	10/28/86	10/28/86	10/28/86	11/03/86	11/03/86	11/03/86	11/03/86	11/03/86	11/03/86	11/03/86
TIME		10:00	09:05	08:45	09:30	09:40	10:15	11:15	10:55	11:20	12:00	11:05	11:40	10:30	10:50	09:00
BENZENE	34030	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4
UG/L	GMS															
BROMODICHLOROMETHANE	32101	4.1	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2
UG/L	GMS															
BROMOFORM	32104	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7
UG/L	GMS															
BROMOMETHANE	34413	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8
UG/L	GMS															
CARBON TETRACHLORIDE	32102	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8
UG/L	GMS															
CHLOROBENZENE	34301	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0
UG/L	GMS															
CHLOROETHANE	34311	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2
UG/L	GMS															
2-CHLOROETHYLVINYLET	34576	<15	<15	<15	<15	<15	<15	<15	<15	<15	<15	<15	<15	<15	<15	<15
HER UG/L	GMS															
CHLOROFORM	32106	9.9	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6
UG/L	GMS															
CHLOROMETHANE	34418	<4.3	<4.3	<4.3	7.2	<4.3	<4.3	<4.3	<4.3	9.6	28	<4.3	8.6	<4.3	<4.3	<4.3
UG/L	GMS															
DIBROMOCHLOROMETHANE	32105	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1
UG/L	GMS															
1,1-DICHLOROETHANE	34496	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7
UG/L	GMS															
1,2-DICHLOROETHANE	34531	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8
UG/L	GMS															
1,1-DICHLOROETHYLENE	34501	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8
UG/L	GMS															
T-1,2-DICHLOROETHENE	34546	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6
UG/L	GMS															
1,2-DICHLOROPROPANE	34541	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0
UG/L	GMS															
CIS-1,3-DICH'PROPENE	34704	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
UG/L	GMS															
T-1,3-DICHL'PROPENE	34699	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4
UG/L	GMS															
ETHYLBENZENE	34371	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2
UG/L	GMS															
METHYLENE CHLORIDE	34423	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8
UG/L	GMS															

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FIELD GROUP LJPWIG PROJECT MANAGER J.D. SHAMIS
LAB COORDINATOR JEFF SHAMIS

PARAMETERS UNITS	STORET # METHOD	A-5 LJPWIG 1	BB-44 LJPWIG 2	BB-47 LJPWIG 3	BB-220 LJPWIG 4	BB-221 LJPWIG 5	BB-222 LJPWIG 6	BA-164 LJPWIG 7	BA-190 LJPWIG 8	M-142 LJPWIG 9	M-161 LJPWIG 10	M-267 LJPWIG 12	M-628 LJPWIG 13	M-629 LJPWIG 14	M-630 LJPWIG 15	RR-45 LJPWIG 16
		SAMPLE ID/#														
DATE		10/28/86	10/28/86	10/28/86	10/28/86	10/28/86	10/28/86	10/28/86	10/28/86	11/03/86	11/03/86	11/03/86	11/03/86	11/03/86	11/03/86	11/03/86
TIME		10:00	09:05	08:45	09:30	09:40	10:15	11:15	10:55	11:20	12:00	11:05	11:40	10:30	10:50	09:00
1,1,2,2-TE'CH'ETHANE UG/L	34516 GMS	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1
TETRACHLOROETHENE UG/L	34475 GMS	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1
TOLUENE UG/L	34010 GMS	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0
1,1,1-TRICHL'ETHANE UG/L	34506 GMS	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8
1,1,2-TRICHLOROETHANE UG/L	34511 GMS	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
TRICHLOROETHENE UG/L	39180 GMS	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
TRICHLOROFLUOROMETHANE UG/L	34488 GMS	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2
VINYL CHLORIDE UG/L	39175 GMS	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
ACROLEIN UG/L	34210 GMS	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
ACRYLONITRILE UG/L	34215 GMS	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
DICHLORODIFLUOROMETHANE UG/L	34668 GMS	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
M-XYLENE UG/L	98553 GMS	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12
O-AND/OR-P XYLENE UG/L	98554 GMS	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12
METHYL ETHYL KETONE UG/L	81595 GMS	<48	<48	<48	<48	<48	<48	<48	<48	<48	<48	<48	<48	<48	<48	<48
METHYL ISOBUT'KETONE UG/L	81596 GMS	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12
1,2-DIBROMOETHANE (EDB) UG/L	77651 EC	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ

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LAB COORDINATOR JEFF SHAMIS

PARAMETERS UNITS	STORET # METHOD	RR-47 LJPWIG 17	RR-97 LJPWIG 18	RR-229 LJPWIG 19	TT-23 LJPWIG 20	TT-25 LJPWIG 21	TT-26 LJPWIG 22	TT-67 LJPWIG 23	TT-54 LJPWIG 25	TT-52 LJPWIG 26	TC-201 LJPWIG 29	TC-325 LJPWIG 30	TC-504 LJPWIG 32	TC-600 LJPWIG 33	TC-604 LJPWIG 34	TC-700 LJPWIG 35
		SAMPLE ID/#														
DATE		11/03/86	11/03/86	11/12/86	11/12/86	11/03/86	11/12/86	11/03/86	11/03/86	11/03/86	10/30/86	10/30/86	10/30/86	10/30/86	10/30/86	10/30/86
TIME		08:45	09:15	09:03	11:17	14:20	11:00	13:40	13:10	14:00	09:30	10:45	10:30	11:35	10:15	11:55
BENZENE UG/L	34030 GMS	<4.4	<4.4	IL	IL	<4.4	IL	<4.4	<4.4	<4.4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
BROMODICHLOROMETHANE UG/L	32101 GMS	<2.2	<2.2	IL	IL	<2.2	IL	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2
BROMOFORM UG/L	32104 GMS	<4.7	<4.7	IL	IL	<4.7	IL	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7
BROMOMETHANE UG/L	34413 GMS	<5.8	<5.8	IL	IL	<5.8	IL	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8
CARBON TETRACHLORIDE UG/L	32102 GMS	<2.8	<2.8	IL	IL	<2.8	IL	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8
CHLOROBENZENE UG/L	34301 GMS	<6.0	<6.0	IL	IL	<6.0	IL	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0
CHLOROETHANE UG/L	34311 GMS	<8.2	<8.2	IL	IL	<8.2	IL	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2
2-CHLOROETHYLVINYLETHER UG/L	34576 GMS	<15	<15	IL	IL	<15	IL	<15	<15	<15	<26	<26	<26	<26	<26	<26
CHLOROFORM UG/L	32106 GMS	<1.6	<1.6	IL	IL	<1.6	IL	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6
CHLOROMETHANE UG/L	34418 GMS	<4.3	<4.3	IL	IL	<4.3	IL	9.6	<4.3	<4.3	4.8	6.1	6.0	<4.3	<4.3	6.2
DIBROMOCHLOROMETHANE UG/L	32105 GMS	<3.1	<3.1	IL	IL	<3.1	IL	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1
1,1-DICHLOROETHANE UG/L	34496 GMS	<4.7	<4.7	IL	IL	<4.7	IL	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7
1,2-DICHLOROETHANE UG/L	34531 GMS	<2.8	<2.8	IL	IL	<2.8	IL	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8
1,1-DICHLOROETHYLENE UG/L	34501 GMS	<2.8	<2.8	IL	IL	<2.8	IL	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8
T-1,2-DICHLOROETHENE UG/L	34546 GMS	<1.6	<1.6	IL	IL	1.7	IL	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6
1,2-DICHLOROPROPANE UG/L	34541 GMS	<6.0	<6.0	IL	IL	<6.0	IL	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0
CIS-1,3-DICH'PROPENE UG/L	34704 GMS	<5.0	<5.0	IL	IL	<5.0	IL	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
T-1,3-DICHL'PROPENE UG/L	34699 GMS	<6.4	<6.4	IL	IL	<6.4	IL	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4
ETHYLBENZENE UG/L	34371 GMS	<7.2	<7.2	IL	IL	<7.2	IL	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2
METHYLENE CHLORIDE UG/L	34423 GMS	<2.8	<2.8	IL	IL	<2.8	IL	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8

PROJECT NUMBER 86447 0400 PROJECT NAME NAVY - LEJEUNE
FIELD GROUP LJPWIG PROJECT MANAGER J.D. SHAMIS
LAB COORDINATOR JEFF SHAMIS

PARAMETERS UNITS	STORET # METHOD	RR-47 LJPWIG 17	RR-97 LJPWIG 18	RR-229 LJPWIG 19	TT-23 LJPWIG 20	TT-25 LJPWIG 21	TT-26 LJPWIG 22	SAMPLE ID/# TT-67 LJPWIG 23	TT-54 LJPWIG 25	TT-52 LJPWIG 26	TC-201 LJPWIG 29	TC-325 LJPWIG 30	TC-504 LJPWIG 32	TC-600 LJPWIG 33	TC-604 LJPWIG 34	TC-700 LJPWIG 35
DATE		11/03/86	11/03/86	11/12/86	11/12/86	11/03/86	11/12/86	11/03/86	11/03/86	11/03/86	10/30/86	10/30/86	10/30/86	10/30/86	10/30/86	10/30/86
TIME		08:45	09:15	09:03	11:17	14:20	11:00	13:40	13:10	14:00	09:30	10:45	10:30	11:35	10:15	11:55
1,1,2,2-TE'CH'ETHANE UG/L	34516 GMS	<4.1	<4.1	IL	IL	<4.1	IL	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1
TETRACHLOROETHENE UG/L	34475 GMS	<4.1	<4.1	IL	IL	<4.1	IL	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1
TOLUENE UG/L	34010 GMS	<6.0	<6.0	IL	IL	<6.0	IL	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0
1,1,1-TRICHL'ETHANE UG/L	34506 GMS	<3.8	<3.8	IL	IL	<3.8	IL	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8
1,1,2-TRICHLOROETHANE UG/L	34511 GMS	<5.0	<5.0	IL	IL	<5.0	IL	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
TRICHLOROETHENE UG/L	39180 GMS	<1.9	<1.9	IL	IL	<1.9	IL	<1.9	<1.9	<1.9	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
TRICHLOROFLUOROMETHANE UG/L	34488 GMS	<3.2	<3.2	IL	IL	<3.2	IL	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2
VINYL CHLORIDE UG/L	39175 GMS	<4.9	<4.9	IL	IL	<4.9	IL	<4.9	<4.9	<4.9	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
ACROLEIN UG/L	34210 GMS	<100	<100	IL	IL	<100	IL	<100	<100	<100	<100	<100	<100	<100	<100	<100
ACRYLONITRILE UG/L	34215 GMS	<100	<100	IL	IL	<100	IL	<100	<100	<100	<100	<100	<100	<100	<100	<100
DICHLORODIFLUOROMETHANE UG/L	34668 GMS	<10	<10	IL	IL	<10	IL	<10	<10	<10	<10	<10	<10	<10	<10	<10
M-XYLENE UG/L	98553 GMS	<12	<12	IL	IL	<12	IL	<12	<12	<12	<12	<12	<12	<12	<12	<12
O-AND/OR-P XYLENE UG/L	98554 GMS	<12	<12	IL	IL	<12	IL	<12	<12	<12	<12	<12	<12	<12	<12	<12
METHYL ETHYL KETONE UG/L	81595 GMS	<48	<48	IL	IL	<48	IL	<48	<48	<48	EX11/04	EX11/04	EX11/04	EX11/04	EX11/04	EX11/04
METHYL ISOBUT'KETONE UG/L	81596 GMS	<12	<12	IL	IL	<12	IL	<12	<12	<12	EX11/04	EX11/04	EX11/04	EX11/04	EX11/04	EX11/04
1,2-DIBROMOETHANE (EDB) UG/L	77651 EC	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ

PROJECT NUMBER 86447 0400 PROJECT NAME NAVY - LEJEUNE
FIELD GROUP LJPWIG PROJECT MANAGER J.D. SHAMIS
LAB COORDINATOR JEFF SHAMIS

SAMPLE ID/#

PARAMETERS	STORET #	TC-1000	TC-1001	TC-1256	STC-1251	STC-1253	STC-1254	STC-1255	AS-106	AS-131	AS-190	AS-191	AS-203	AS4140	AS-4150	AS-5001
		LJPWIG	LJPWIG	LJPWIG	LJPWIG	LJPWIG	LJPWIG	LJPWIG	LJPWIG	LJPWIG	LJPWIG	LJPWIG	LJPWIG	LJPWIG	LJPWIG	LJPWIG
UNITS	METHOD	37	38	39	40	41	42	43	44	45	46	47	48	50	51	52
DATE		10/30/86	10/30/86	10/29/86	10/29/86	10/29/86	10/29/86	10/29/86	10/29/86	10-29-86	10/29/86	10/29/86	10/29/86	10/29/86	11/12/86	10/29/86
TIME		09:05	09:55	12:10	11:35	13:00	11:45	12:00	13:25	00:00	09:28	09:47	14:15	11:10	10:02	10:10
BENZENE	34030	<1.0	<1.0	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<1.0	<1.0	<1.0	IL	<1.0
UG/L	GMS															
BROMODICHLOROMETHANE	32101	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	IL	<2.2
UG/L	GMS															
BROMOFORM	32104	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	IL	<4.7
UG/L	GMS															
BROMOMETHANE	34413	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	IL	<5.8
UG/L	GMS															
CARBON TETRACHLORIDE	32102	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	IL	<2.8
UG/L	GMS															
CHLOROBENZENE	34301	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	IL	<6.0
UG/L	GMS															
CHLOROETHANE	34311	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	IL	<8.2
UG/L	GMS															
2-CHLOROETHYLVINYLET	34576	<26	<26	<15	<15	<15	<15	<15	<15	<15	<15	<26	<26	<26	IL	<26
HER UG/L	GMS															
CHLOROFORM	32106	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	IL	<1.6
UG/L	GMS															
CHLOROMETHANE	34418	<4.3	7.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	IL	<4.3
UG/L	GMS															
DIBROMOCHLOROMETHANE	32105	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	IL	<3.1
UG/L	GMS															
1,1-DICHLOROETHANE	34496	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	IL	<4.7
UG/L	GMS															
1,2-DICHLOROETHANE	34531	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	IL	<2.8
UG/L	GMS															
1,1-DICHLOROETHYLENE	34501	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	IL	<2.8
UG/L	GMS															
T-1,2-DICHLOROETHENE	34546	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	4.9	<1.6	<1.6	<1.6	<1.6	<1.6	IL	<1.6
UG/L	GMS															
1,2-DICHLOROPROPANE	34541	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	IL	<6.0
UG/L	GMS															
CIS-1,3-DICH'PROPENE	34704	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	IL	<5.0
UG/L	GMS															
T-1,3-DICHL'PROPENE	34699	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	IL	<6.4
UG/L	GMS															
ETHYLBENZENE	34371	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	IL	<7.2
UG/L	GMS															
METHYLENE CHLORIDE	34423	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	IL	<2.8
UG/L	GMS															

PROJECT NUMBER 86447 0400 PROJECT NAME NAVY - LEJEUNE
FIELD GROUP LJPWIG PROJECT MANAGER J.D. SHAMIS
LAB COORDINATOR JEFF SHAMIS

SAMPLE ID/#

PARAMETERS UNITS	STORET # METHOD	TC-1000 LJPWIG 37	TC-1001 LJPWIG 38	TC-1256 LJPWIG 39	STC-1251 LJPWIG 40	STC-1253 LJPWIG 41	STC-1254 LJPWIG 42	STC-1255 LJPWIG 43	AS-106 LJPWIG 44	AS-131 LJPWIG 45	AS-190 LJPWIG 46	AS-191 LJPWIG 47	AS-203 LJPWIG 48	AS4140 LJPWIG 50	AS-4150 LJPWIG 51	AS-5001 LJPWIG 52
DATE		10/30/86	10/30/86	10/29/86	10/29/86	10/29/86	10/29/86	10/29/86	10/29/86	10/29/86	10/29/86	10/29/86	10/29/86	10/29/86	11/12/86	10/29/86
TIME		09:05	09:55	12:10	11:35	13:00	11:45	12:00	13:25	00:00	09:28	09:47	14:15	11:10	10:02	10:10
1,1,2,2-TE'CH'ETHANE UG/L	34516 GMS	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	IL	<4.1
TETRACHLOROETHENE UG/L	34475 GMS	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	IL	<4.1
TOLUENE UG/L	34010 GMS	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	IL	<6.0
1,1,1-TRICHL'ETHANE UG/L	34506 GMS	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	IL	<3.8
1,1,2-TRICHLOROETHANE UG/L	34511 GMS	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	IL	<5.0
TRICHLOROETHENE UG/L	39180 GMS	<1.0	<1.0	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.0	<1.0	<1.0	IL	<1.0
TRICHLOROFLUOROMETHANE UG/L	34488 GMS	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	IL	<3.2
VINYL CHLORIDE UG/L	39175 GMS	<1.0	<1.0	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<1.0	<1.0	<1.0	IL	<1.0
ACROLEIN UG/L	34210 GMS	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	IL	<100
ACRYLONITRILE UG/L	34215 GMS	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	IL	<100
DICHLORODIFLUOROMETHANE UG/L	34668 GMS	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	IL	<10
M-XYLENE UG/L	98553 GMS	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	IL	<12
O-AND/OR-P XYLENE UG/L	98554 GMS	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	IL	<12
METHYL ETHYL KETONE UG/L	81595 GMS	EX11/04	EX11/04	<48	<48	<48	<48	<48	<48	<48	<48	EX11/04	EX11/04	EX11/04	IL	EX11/04
METHYL ISOBUT'KETONE UG/L	81596 GMS	EX11/04	EX11/04	<12	<12	<12	<12	<12	<12	<12	<12	EX11/04	EX11/04	EX11/04	IL	EX11/04
1,2-DIBROMOETHANE (EDB) UG/L	77651 EC	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	EX11/18	NRQ	NRQ	NRQ	EX11/11	EX11/18	NRQ

PROJECT NUMBER 86447 0400 PROJECT NAME NAVY - LEJEUNE
FIELD GROUP LJPWIG PROJECT MANAGER J.D. SHAMIS
LAB COORDINATOR JEFF SHAMIS

PARAMETERS	STORET #	AS-5009	643	644	645	647	648	649	650	603	606	607	609	613	616	620
		SAMPLE ID/#														
		LJPWIG	LJPWIG	LJPWIG	LJPWIG	LJPWIG	LJPWIG	LJPWIG	LJPWIG	LJPWIG	LJPWIG	LJPWIG	LJPWIG	LJPWIG	LJPWIG	LJPWIG
UNITS	METHOD	53	54	55	56	58	59	60	61	62	63	64	65	66	67	68
DATE		10/29/86	11/06/86	11/06/86	11/06/86	11/06/86	11/06/86	11/06/86	11/06/86	11/05/86	11/04/86	11/05/86	11/04/86	11/05/86	11/05/86	11/04/86
TIME		10:05	10:14	09:55	09:45	10:30	09:04	09:15	09:25	00:00	10:55	10:05	10:44	08:40	08:25	12:40
BENZENE	34030	<1.0	<4.4	<4.4	20	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4
UG/L	GMS															
BROMODICHLOROMETHANE	32101	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2
UG/L	GMS															
BROMOFORM	32104	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7
UG/L	GMS															
BROMOMETHANE	34413	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8
UG/L	GMS															
CARBON TETRACHLORIDE	32102	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8
UG/L	GMS															
CHLOROBENZENE	34301	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0
UG/L	GMS															
CHLOROETHANE	34311	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2
UG/L	GMS															
2-CHLOROETHYLVINYLETHER	34576	<26	<15	<15	<15	<15	<15	<15	<15	<26	<15	<26	<15	<26	<26	<26
UG/L	GMS															
CHLOROFORM	32106	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6
UG/L	GMS															
CHLOROMETHANE	34418	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3
UG/L	GMS															
DIBROMOCHLOROMETHANE	32105	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1
UG/L	GMS															
1,1-DICHLOROETHANE	34496	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7
UG/L	GMS															
1,2-DICHLOROETHANE	34531	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8
UG/L	GMS															
1,1-DICHLOROETHYLENE	34501	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8
UG/L	GMS															
T-1,2-DICHLOROETHENE	34546	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6
UG/L	GMS															
1,2-DICHLOROPROPANE	34541	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0
UG/L	GMS															
CIS-1,3-DICH'PROPENE	34704	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
UG/L	GMS															
T-1,3-DICHL'PROPENE	34699	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4
UG/L	GMS															
ETHYLBENZENE	34371	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2
UG/L	GMS															
METHYLENE CHLORIDE	34423	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8
UG/L	GMS															

PROJECT NUMBER 86447 0400 PROJECT NAME NAVY - LEJEUNE
FIELD GROUP LJPWIG PROJECT MANAGER J.D. SHAMIS
LAB COORDINATOR JEFF SHAMIS

SAMPLE ID/#

PARAMETERS UNITS	STORET # METHOD	AS-5009 LJPWIG 53	643 LJPWIG 54	644 LJPWIG 55	645 LJPWIG 56	647 LJPWIG 58	648 LJPWIG 59	649 LJPWIG 60	650 LJPWIG 61	603 LJPWIG 62	606 LJPWIG 63	607 LJPWIG 64	609 LJPWIG 65	613 LJPWIG 66	616 LJPWIG 67	620 LJPWIG 68
DATE		10/29/86	11/06/86	11/06/86	11/06/86	11/06/86	11/06/86	11/06/86	11/06/86	11/05/86	11/04/86	11/05/86	11/04/86	11/05/86	11/05/86	11/04/86
TIME		10:05	10:14	09:55	09:45	10:30	09:04	09:15	09:25	00:00	10:55	10:05	10:44	08:40	08:25	12:40
1,1,2,2-TE'CH'ETHANE UG/L	34516 GMS	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1
TETRACHLOROETHENE UG/L	34475 GMS	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1
TOLUENE UG/L	34010 GMS	<6.0	<6.0	<6.0	7.5	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0
1,1,1-TRICHL'ETHANE UG/L	34506 GMS	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8
1,1,2-TRICHLOROETHANE UG/L	34511 GMS	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
TRICHLOROETHENE UG/L	39180 GMS	<1.0	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
TRICHLOROFLUOROMETHANE UG/L	34488 GMS	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2
VINYL CHLORIDE UG/L	39175 GMS	<1.0	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
ACROLEIN UG/L	34210 GMS	<100	<100	<100	<100	<100	<100	<100	<100	EX11/10	<100	EX11/10	<100	EX11/10	EX11/09	EX11/09
ACRYLONITRILE UG/L	34215 GMS	<100	<100	<100	<100	<100	<100	<100	<100	EX11/10	<100	EX11/10	<100	EX11/10	EX11/09	EX11/09
DICHLORODIFLUOROMETHANE UG/L	34668 GMS	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
M-XYLENE UG/L	98553 GMS	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12.	<12	<12
O-AND/OR-P XYLENE UG/L	98554 GMS	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12
METHYL ETHYL KETONE UG/L	81595 GMS	EX11/04	<48	<48	<48	<48	<48	<48	<48	EX11/10	<48	EX11/10	<48	EX11/10	EX11/09	EX11/09
METHYL ISOBUT'KETONE UG/L	81596 GMS	EX11/04	<12	<12	<12	<12	<12	<12	<12	EX11/10	<12	EX11/10	<12	EX11/10	EX11/09	EX11/09
1,2-DIBROMOETHANE (EDB) UG/L	77651 EC	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	EX11/18	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ

PROJECT NUMBER 86447 0400 PROJECT NAME NAVY - LEJEUNE
FIELD GROUP LJPWIG PROJECT MANAGER J.D. SHAMIS
LAB COORDINATOR JEFF SHAMIS

SAMPLE ID/#

PARAMETERS	STORET #	622	628	629	632	633	635	638	639	640	642	654	655	661	662	5186
		LJPWIG	LJPWIG	LJPWIG	LJPWIG	LJPWIG	LJPWIG	LJPWIG	LJPWIG	LJPWIG	LJPWIG	LJPWIG	LJPWIG	LJPWIG	LJPWIG	LJPWIG
UNITS	METHOD	69	70	71	72	73	74	76	77	78	80	81	82	84	85	86
DATE		11/05/86	11/04/86	11/05/86	11/04/86	11/05/86	11/04/86	11/04/86	11/04/86	11/04/86	11/04/86	11/04/86	11/04/86	11/04/86	11/04/86	11/05/86
TIME		09:45	10:27	12:45	09:17	08:57	00:00	08:40	09:42	09:25	11:05	12:25	08:58	10:07	09:50	11:00
BENZENE	34030	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4
UG/L	GMS															
BROMODICHLOROMETHANE	32101	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2
UG/L	GMS															
BROMOFORM	32104	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7
UG/L	GMS															
BROMOMETHANE	34413	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8
UG/L	GMS															
CARBON TETRACHLORIDE	32102	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8
UG/L	GMS															
CHLOROBENZENE	34301	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0
UG/L	GMS															
CHLOROETHANE	34311	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2	<8.2
UG/L	GMS															
2-CHLOROETHYLVINYLET	34576	<26	<26	<26	<26	<26	<26	<26	<26	<26	<15	<15	<15	<15	<15	<15
HER UG/L	GMS															
CHLOROFORM	32106	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6
UG/L	GMS															
CHLOROMETHANE	34418	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3	<4.3
UG/L	GMS															
DIBROMOCHLOROMETHANE	32105	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1	<3.1
UG/L	GMS															
1,1-DICHLOROETHANE	34496	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7
UG/L	GMS															
1,2-DICHLOROETHANE	34531	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8
UG/L	GMS															
1,1-DICHLOROETHYLENE	34501	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8
UG/L	GMS															
T-1,2-DICHLOROETHENE	34546	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6	<1.6
UG/L	GMS															
1,2-DICHLOROPROPANE	34541	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0
UG/L	GMS															
CIS-1,3-DICH'PROPENE	34704	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
UG/L	GMS															
T-1,3-DICHL'PROPENE	34699	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4
UG/L	GMS															
ETHYLBENZENE	34371	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2	<7.2
UG/L	GMS															
METHYLENE CHLORIDE	34423	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8	<2.8
UG/L	GMS															

PROJECT NUMBER 86447 0400 PROJECT NAME NAVY - LEJEUNE
FIELD GROUP LJPWIG PROJECT MANAGER J.D. SHAMIS
LAB COORDINATOR JEFF SHAMIS

SAMPLE ID/#

PARAMETERS	STORET #	622	628	629	632	633	635	638	639	640	642	654	655	661	662	5186
		LJPWIG	LJPWIG	LJPWIG	LJPWIG	LJPWIG	LJPWIG	LJPWIG	LJPWIG	LJPWIG	LJPWIG	LJPWIG	LJPWIG	LJPWIG	LJPWIG	LJPWIG
UNITS	METHOD	69	70	71	72	73	74	76	77	78	80	81	82	84	85	86
DATE		11/05/86	11/04/86	11/05/86	11/04/86	11/05/86	11/04/86	11/04/86	11/04/86	11/04/86	11/04/86	11/04/86	11/04/86	11/04/86	11/04/86	11/05/86
TIME		09:45	10:27	12:45	09:17	08:57	00:00	08:40	09:42	09:25	11:05	12:25	08:58	10:07	09:50	11:00
1,1,2,2-TE'CH'ETHANE	34516	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1
UG/L	GMS															
TETRACHLOROETHENE	34475	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1	<4.1
UG/L	GMS															
TOLUENE	34010	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0
UG/L	GMS															
1,1,1-TRICHL'ETHANE	34506	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8	<3.8
UG/L	GMS															
1,1,2-TRICHLOROETHAN	34511	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
E UG/L	GMS															
TRICHLOROETHENE	39180	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
UG/L	GMS															
TRICHLOROFLUOROMETHA	34488	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2	<3.2
NE UG/L	GMS															
VINYL CHLORIDE	39175	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9	<4.9
UG/L	GMS															
ACROLEIN	34210	EX11/09	EX11/09	EX11/09	EX11/09	EX11/09	EX11/10	EX11/10	EX11/10	EX11/10	<100	<100	<100	<100	<100	<100
UG/L	GMS															
ACRYLONITRILE	34215	EX11/09	EX11/09	EX11/09	EX11/09	EX11/09	EX11/10	EX11/10	EX11/10	EX11/10	<100	<100	<100	<100	<100	<100
UG/L	GMS															
DICHLORODIFLUOROMETH	34668	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
ANE UG/L	GMS															
M-XYLENE	98553	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12
UG/L	GMS															
O-AND/OR-P XYLENE	98554	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12	<12
UG/L	GMS															
METHYL ETHYL KETONE	81595	EX11/09	EX11/09	EX11/09	EX11/09	EX11/09	EX11/10	EX11/10	EX11/10	EX11/10	<48	<48	<48	<48	<48	<48
UG/L	GMS															
METHYL ISOBUT'KETONE	81596	EX11/09	EX11/09	EX11/09	EX11/09	EX11/09	EX11/10	EX11/10	EX11/10	EX11/10	<12	<12	<12	<12	<12	<12
UG/L	GMS															
1,2-DIBROMOETHANE (E	77651	NRQ	NRQ	NRQ	NRQ	NRQ	EX11/18	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ	NRQ
DB) UG/L	EC															

PROJECT NUMBER 86447 0400 PROJECT NAME NAVY - LEJEUNE
FIELD GROUP LJPW1G PROJECT MANAGER J.D. SHAMIS
LAB COORDINATOR JEFF SHAMIS

SAMPLE ID/#

PARAMETERS	STORET #	4009 LJPW1G 87	610 LJPW1G 89	623 LJPW1G 90
UNITS	METHOD			
DATE		11/05/86	11/05/86	11/05/86
TIME		11:39	09:05	10:26
BENZENE	34030	<4.4	<4.4	<4.4
UG/L	GMS			
BROMODICHLOROMETHANE	32101	<2.2	<2.2	<2.2
UG/L	GMS			
BROMOFORM	32104	<4.7	<4.7	<4.7
UG/L	GMS			
BROMOMETHANE	34413	<5.8	<5.8	<5.8
UG/L	GMS			
CARBON TETRACHLORIDE	32102	<2.8	<2.8	<2.8
UG/L	GMS			
CHLOROBENZENE	34301	<6.0	<6.0	<6.0
UG/L	GMS			
CHLOROETHANE	34311	<8.2	<8.2	<8.2
UG/L	GMS			
2-CHLOROETHYLVINYLET	34576	<15	<15	<15
HER UG/L	GMS			
CHLOROFORM	32106	<1.6	<1.6	<1.6
UG/L	GMS			
CHLOROMETHANE	34418	<4.3	<4.3	4.4
UG/L	GMS			
DIBROMOCHLOROMETHANE	32105	<3.1	<3.1	<3.1
UG/L	GMS			
1,1-DICHLOROETHANE	34496	<4.7	<4.7	<4.7
UG/L	GMS			
1,2-DICHLOROETHANE	34531	<2.8	<2.8	<2.8
UG/L	GMS			
1,1-DICHLOROETHYLENE	34501	<2.8	<2.8	<2.8
UG/L	GMS			
T-1,2-DICHLOROETHENE	34546	<1.6	<1.6	<1.6
UG/L	GMS			
1,2-DICHLOROPROPANE	34541	<6.0	<6.0	<6.0
UG/L	GMS			
CIS-1,3-DICH'PROPENE	34704	<5.0	<5.0	<5.0
UG/L	GMS			
T-1,3-DICHL'PROPENE	34699	<6.4	<6.4	<6.4
UG/L	GMS			
ETHYLBENZENE	34371	<7.2	<7.2	<7.2
UG/L	GMS			
METHYLENE CHLORIDE	34423	<2.8	<2.8	<2.8
UG/L	GMS			

PROJECT NUMBER 86447 0400
FIELD GROUP LJPWIG

PROJECT NAME NAVY - LEJEUNE
PROJECT MANAGER J.D. SHAMIS
LAB COORDINATOR JEFF SHAMIS

SAMPLE ID/#

PARAMETERS	UNITS	STORET # METHOD	4009 LJPWIG 87	610 LJPWIG 89	623 LJPWIG 90
DATE			11/05/86	11/05/86	11/05/86
TIME			11:39	09:05	10:26
1,1,2,2-TE'CH'ETHANE	UG/L	34516 GMS	<4.1	<4.1	<4.1
TETRACHLOROETHENE	UG/L	34475 GMS	<4.1	<4.1	<4.1
TOLUENE	UG/L	34010 GMS	<6.0	<6.0	<6.0
1,1,1-TRICHL'ETHANE	UG/L	34506 GMS	<3.8	<3.8	<3.8
1,1,2-TRICHLOROETHANE	UG/L	34511 GMS	<5.0	<5.0	<5.0
TRICHLOROETHENE	UG/L	39180 GMS	<1.9	<1.9	<1.9
TRICHLOROFLUOROMETHANE	UG/L	34488 GMS	<3.2	<3.2	<3.2
VINYL CHLORIDE	UG/L	39175 GMS	<4.9	<4.9	<4.9
ACROLEIN	UG/L	34210 GMS	<100	<100	<100
ACRYLONITRILE	UG/L	34215 GMS	<100	<100	<100
DICHLORODIFLUOROMETHANE	UG/L	34668 GMS	<10	<10	<10
M-XYLENE	UG/L	98553 GMS	<12	<12	<12
O-AND/OR-P XYLENE	UG/L	98554 GMS	<12	<12	<12
METHYL ETHYL KETONE	UG/L	81595 GMS	<48	<48	<48
METHYL ISOBUT'KETONE	UG/L	81596 GMS	<12	<12	<12
1,2-DIBROMOETHANE (EDB)	UG/L	77651 EC	NRQ	NRQ	NRQ

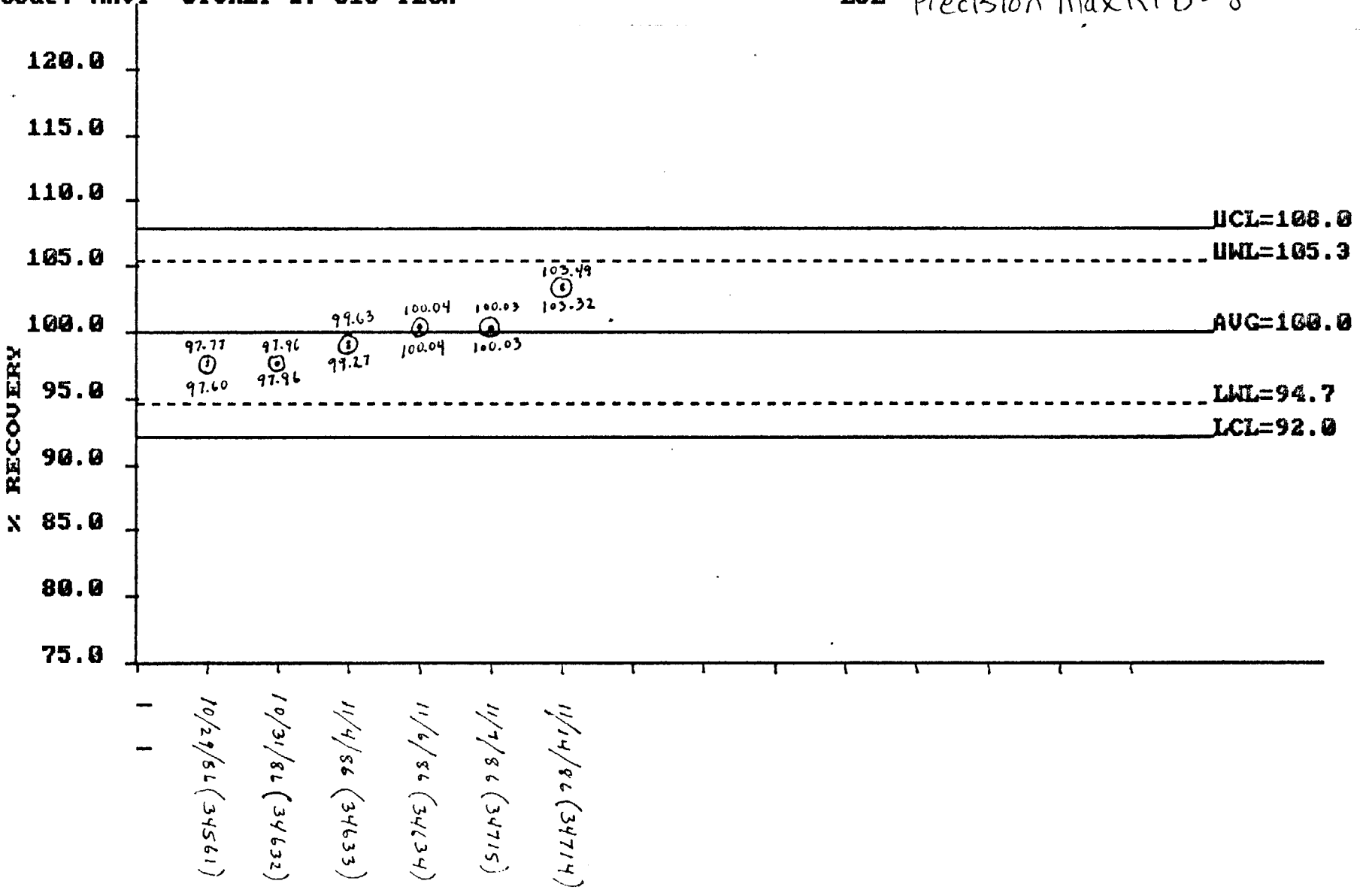
APPENDIX B

QUALITY CONTROL CHARTS

Accuracy NITROGEN,NO2 MG/L

Code: NAVY STORET #: 615 TECH

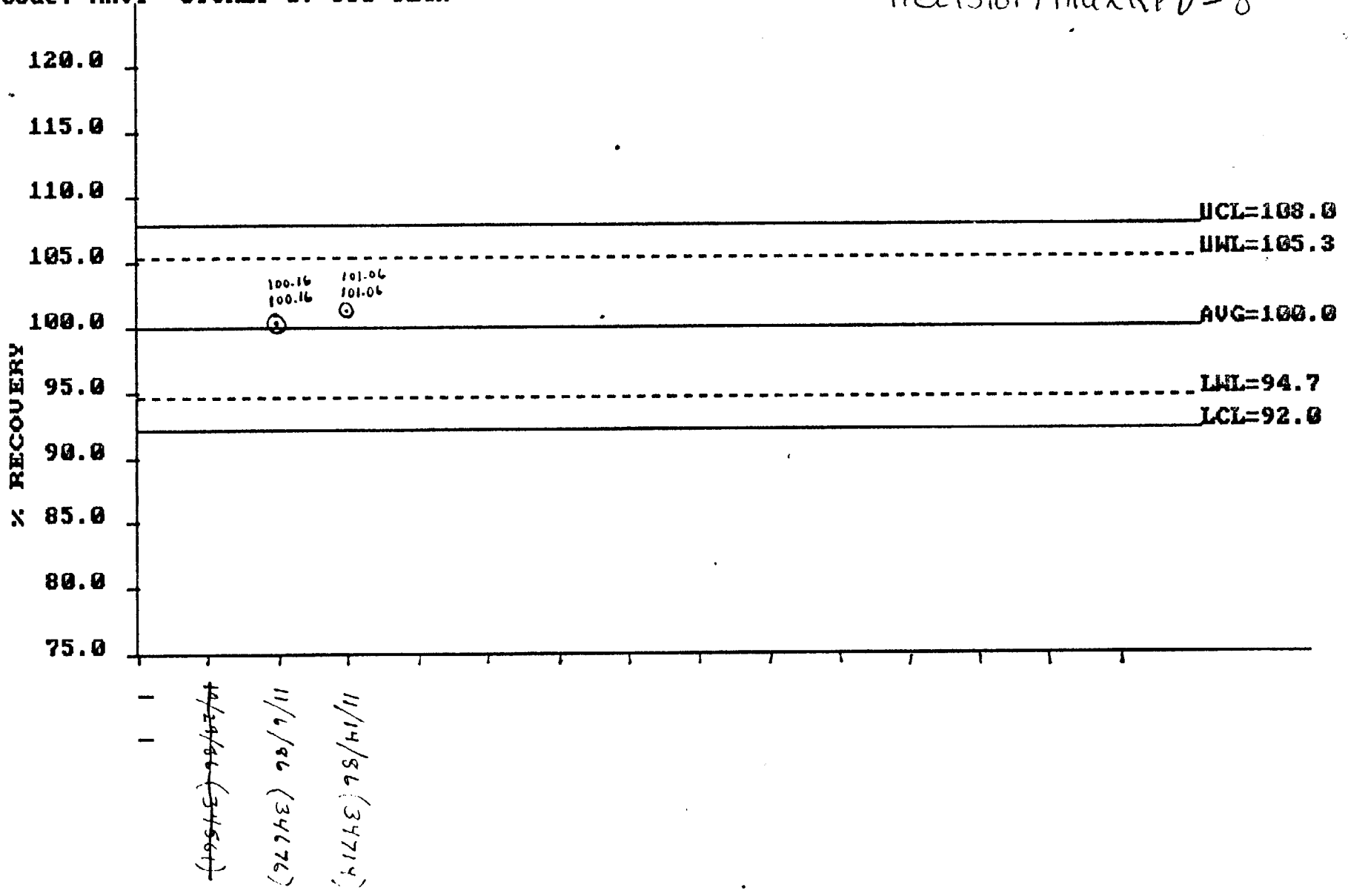
ESE Precision Max RPD = 8



Accuracy NITROGEN,NO2+NO3 MG/L

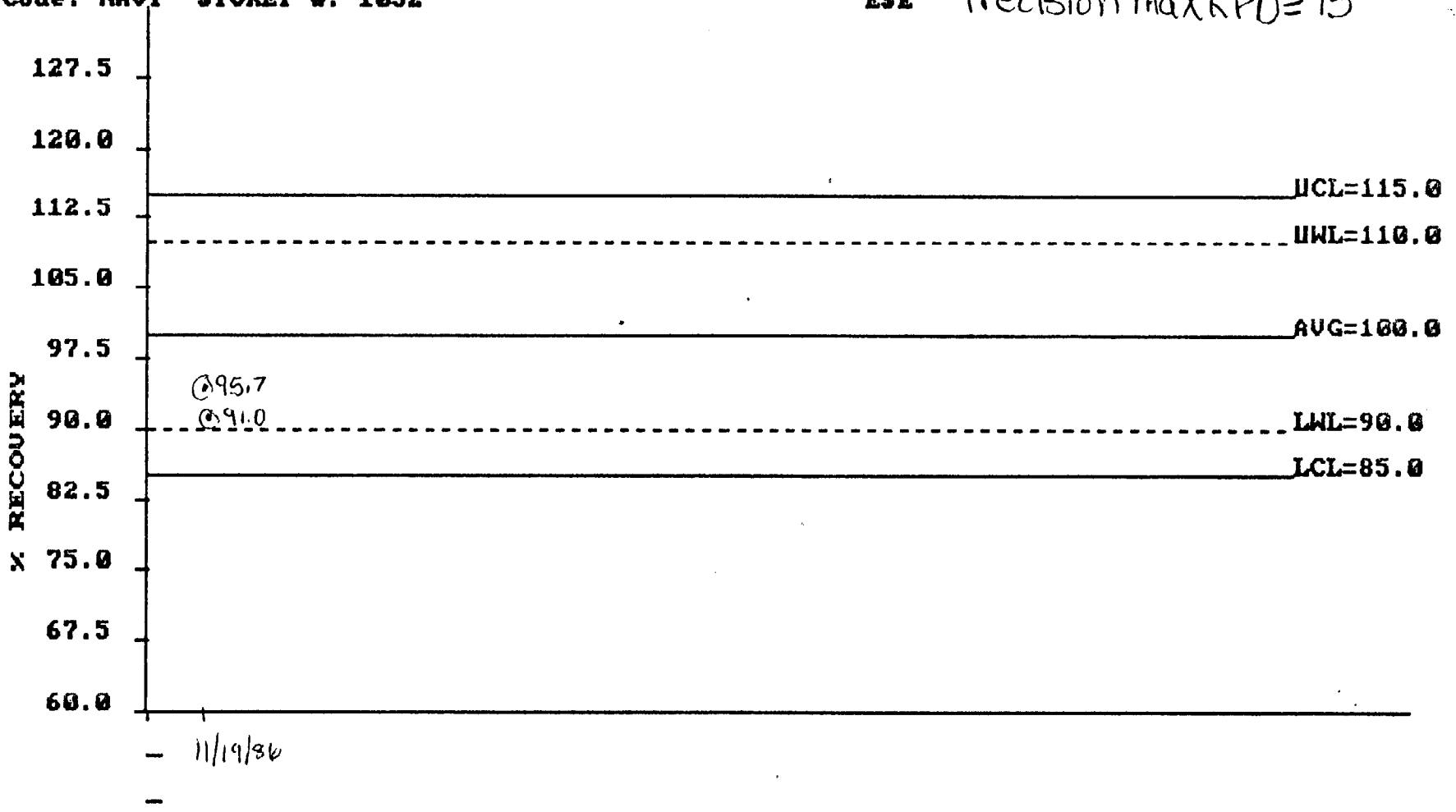
Code: NAVY STORET #: 630 TECH

ESE Precision MaxRPD=8



Accuracy CHROMIUM +6 UG/L

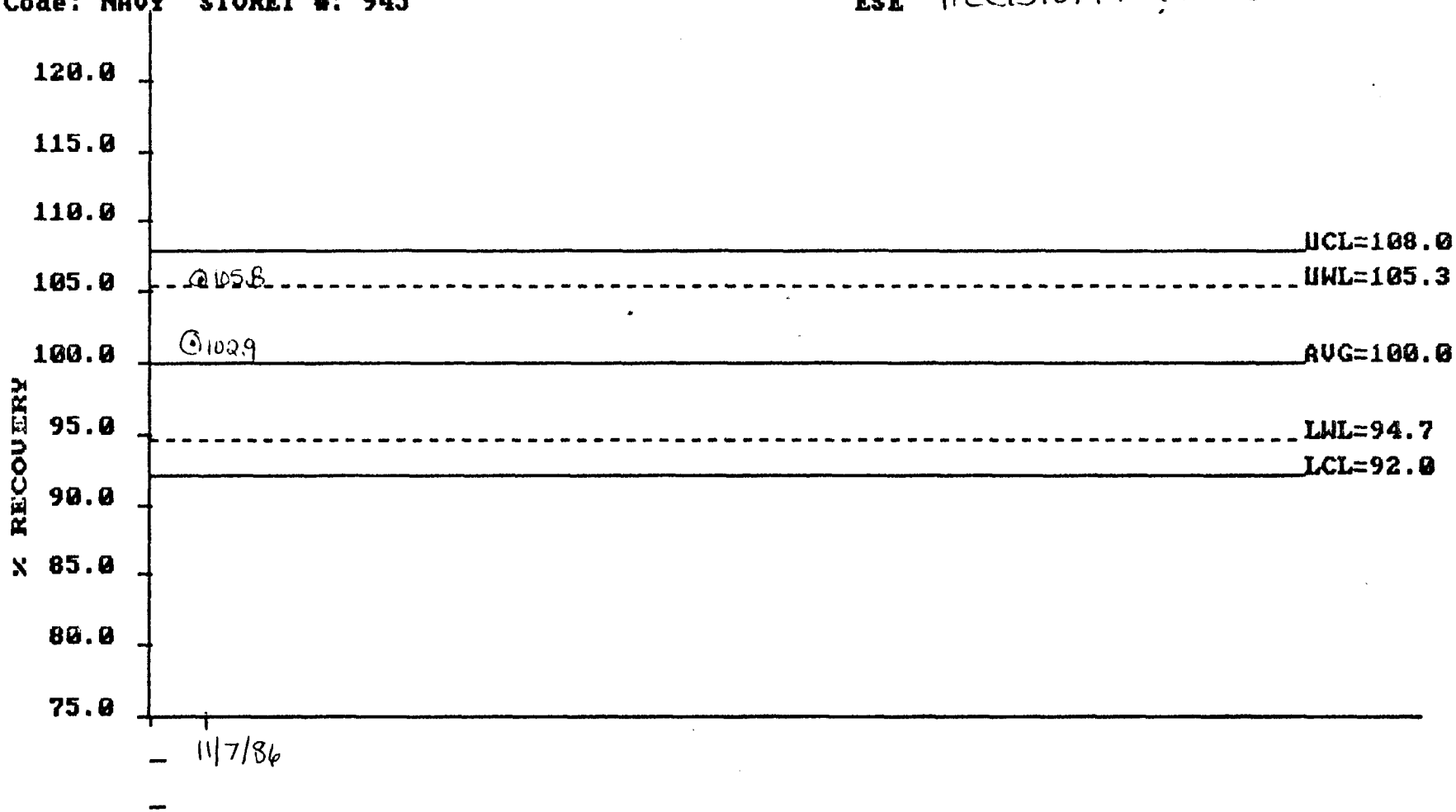
Code: NAVY STORET #: 1032 ESE Precision MaxRPD= 15



Accuracy SULFATE (MG/L)

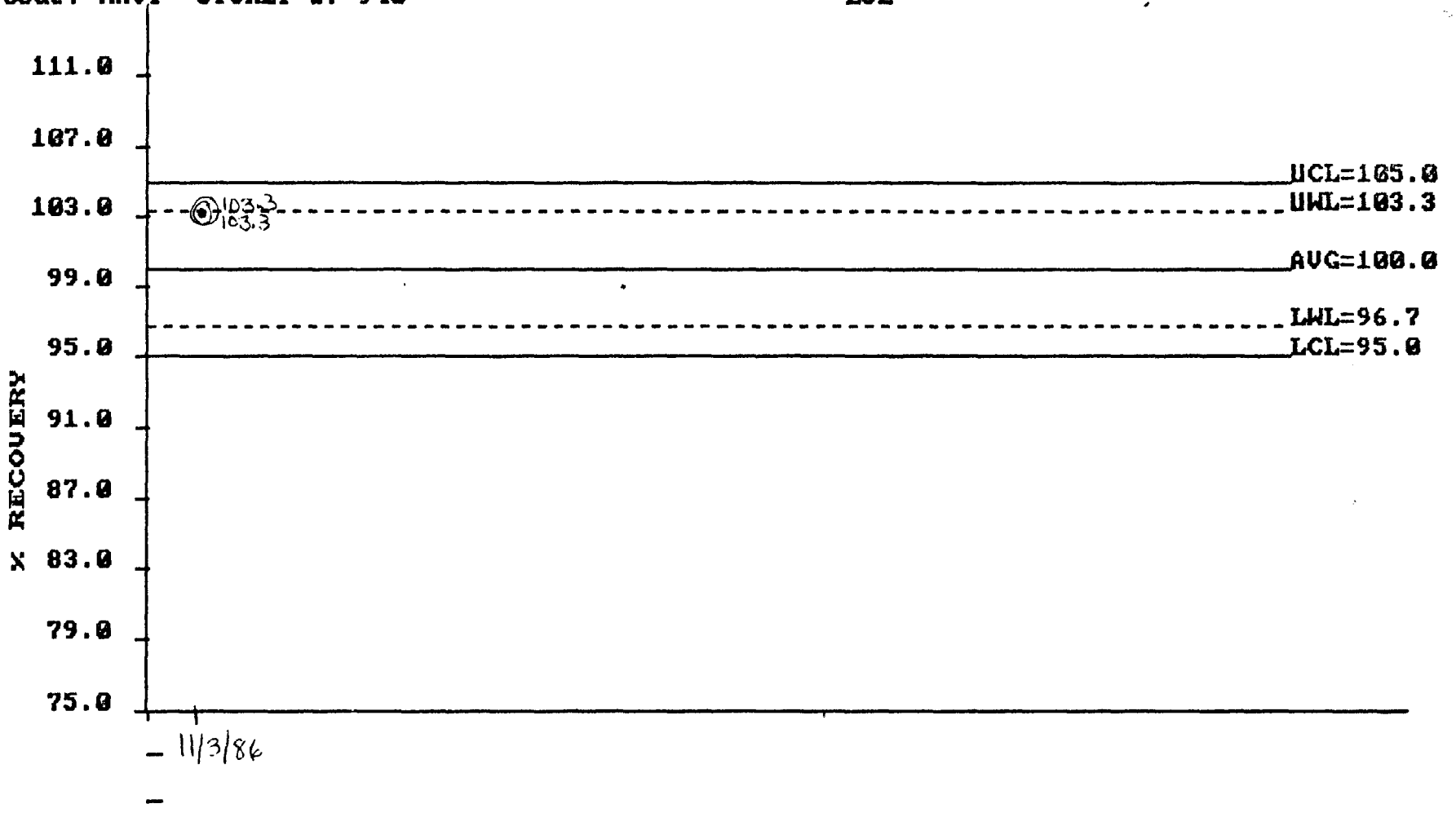
Code: NAVY STORET #: 945

ESE Precision MaxRPD=5



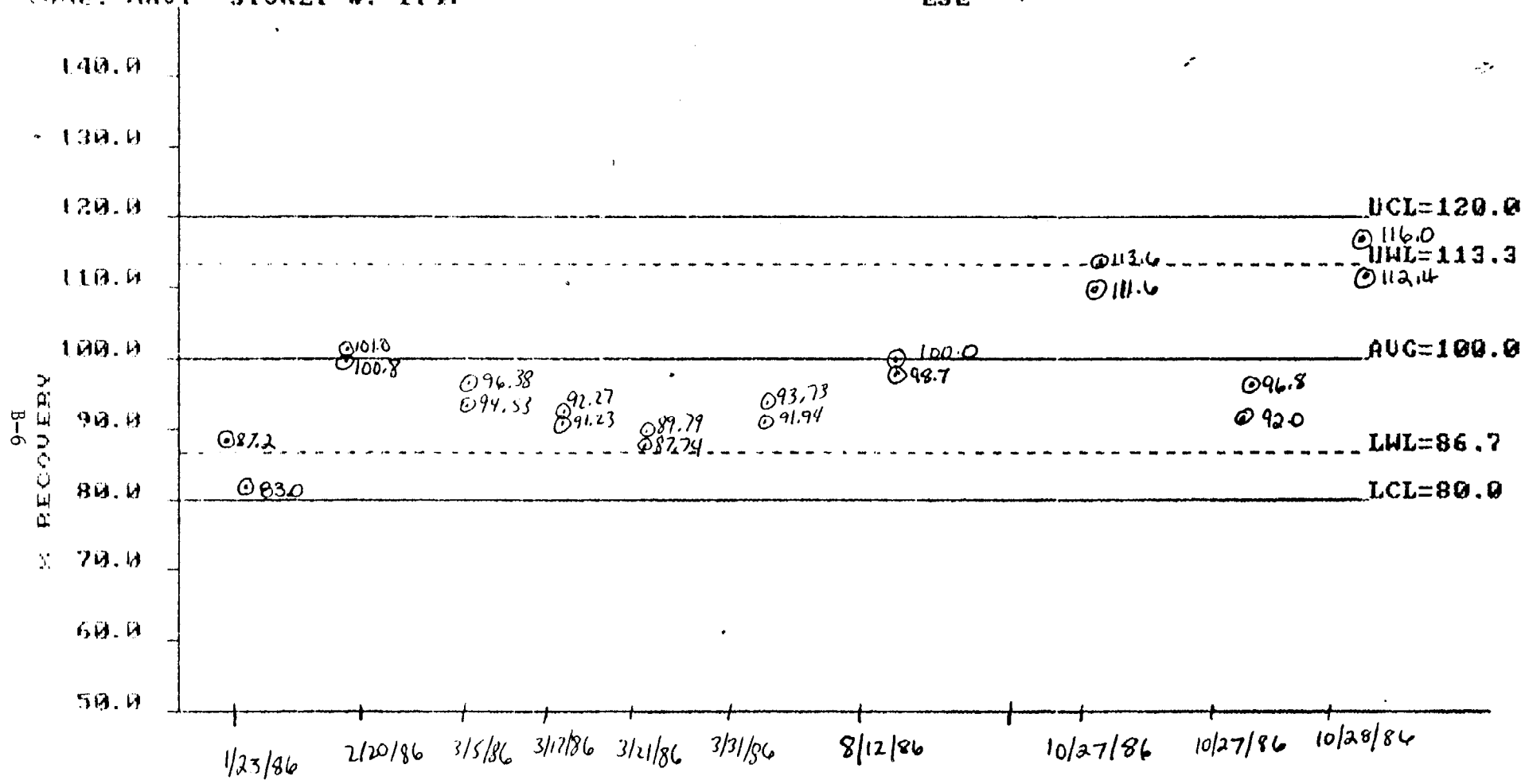
Accuracy CHLORIDE (MG/L)

Code: NAVY STORET #: 940 ESE Precision MaxRPD=5



Accuracy SELENIUM UG/L

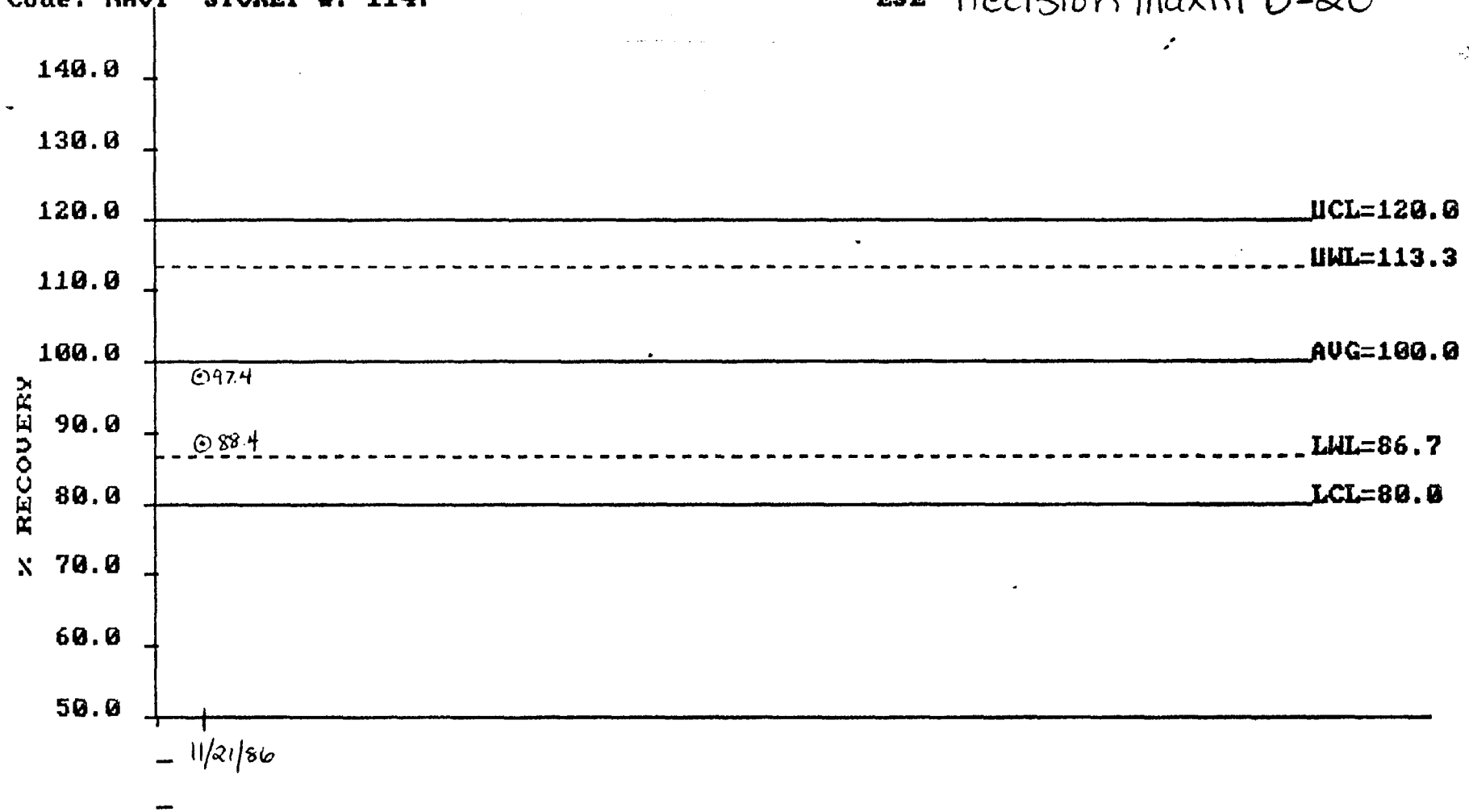
Code: NAVY STORET #: 1147 ESE Precision Max RPD=20



Accuracy SELENIUM UG/L

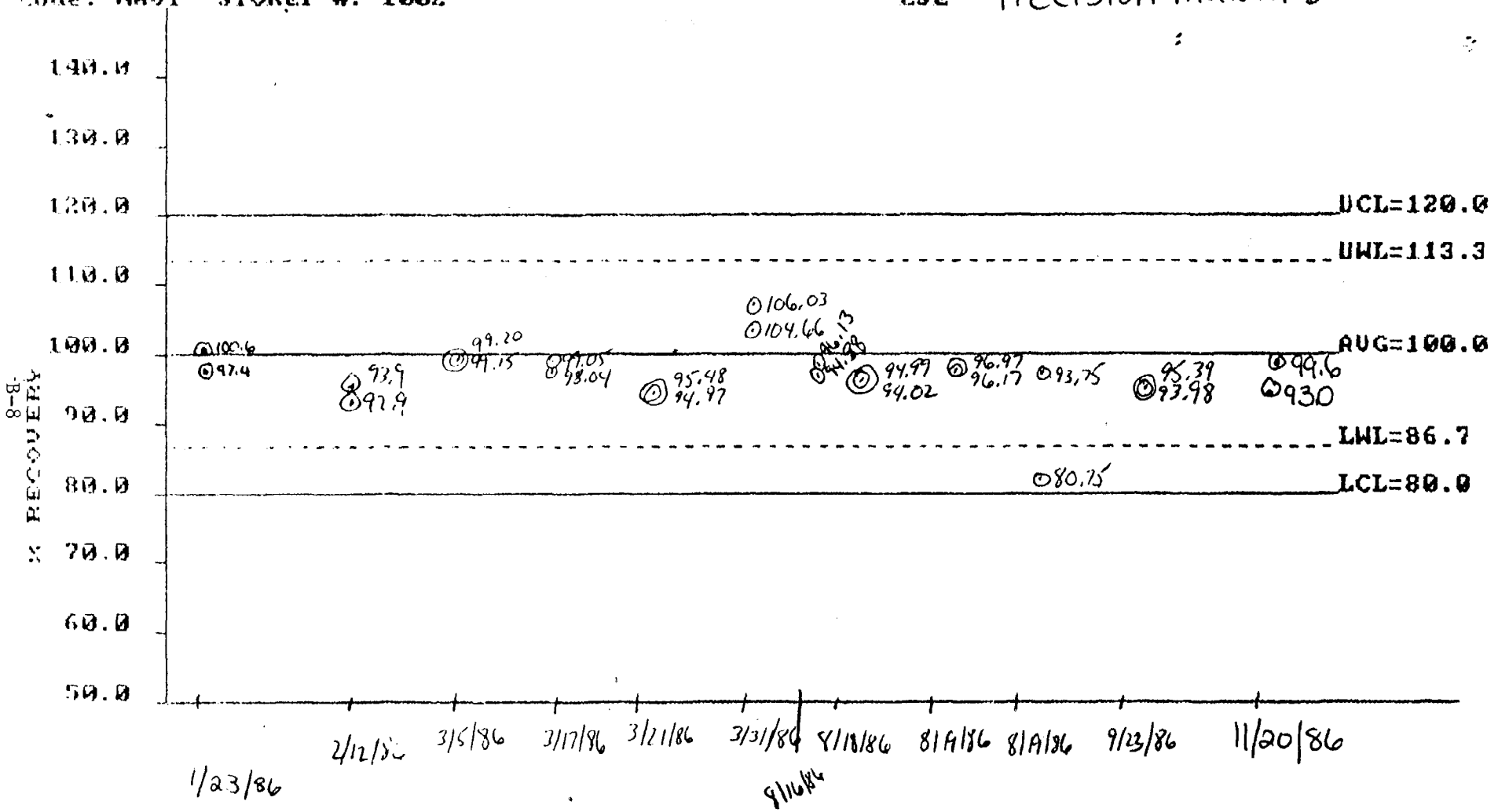
Code: NAVY STORET #: 1147

ESE Precision MaxRPD=20



Accuracy ARSENIC UG/L

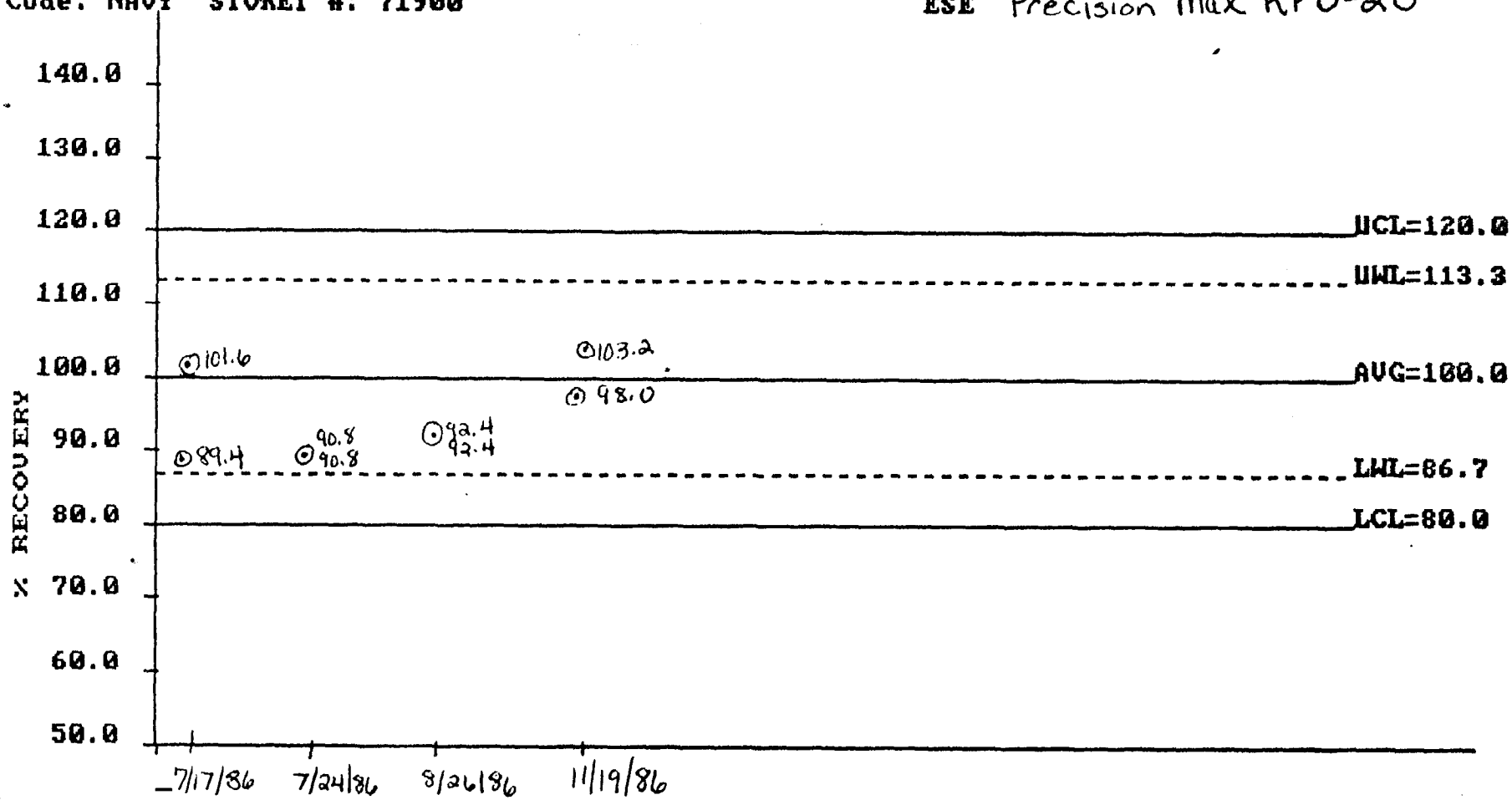
Code: NAVY STORET #: 1002 ESE Precision MaxRPD=20



Accuracy MERCURY UG/L

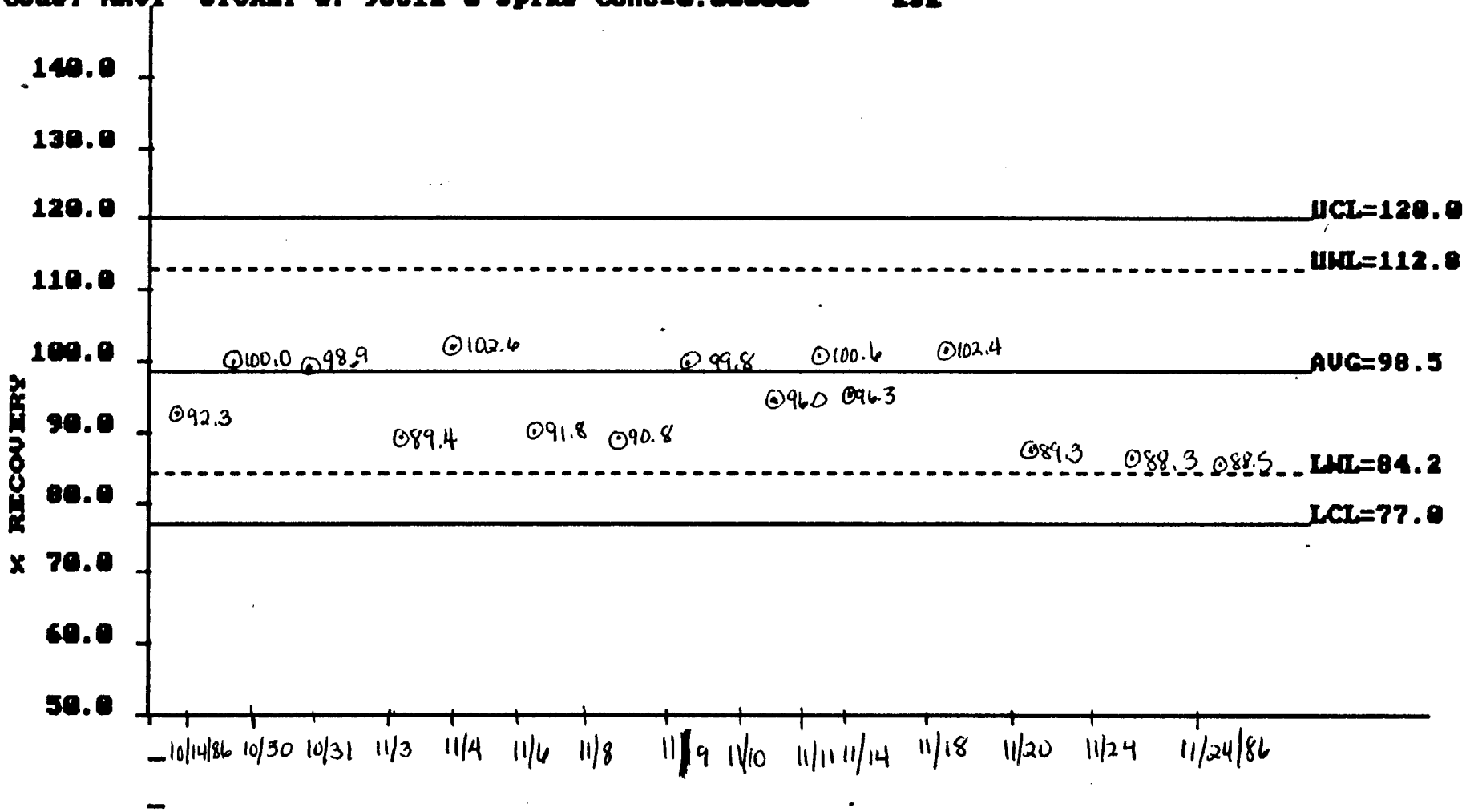
Code: NAVY STORET #: 71900

ESE Precision Max RPD=20



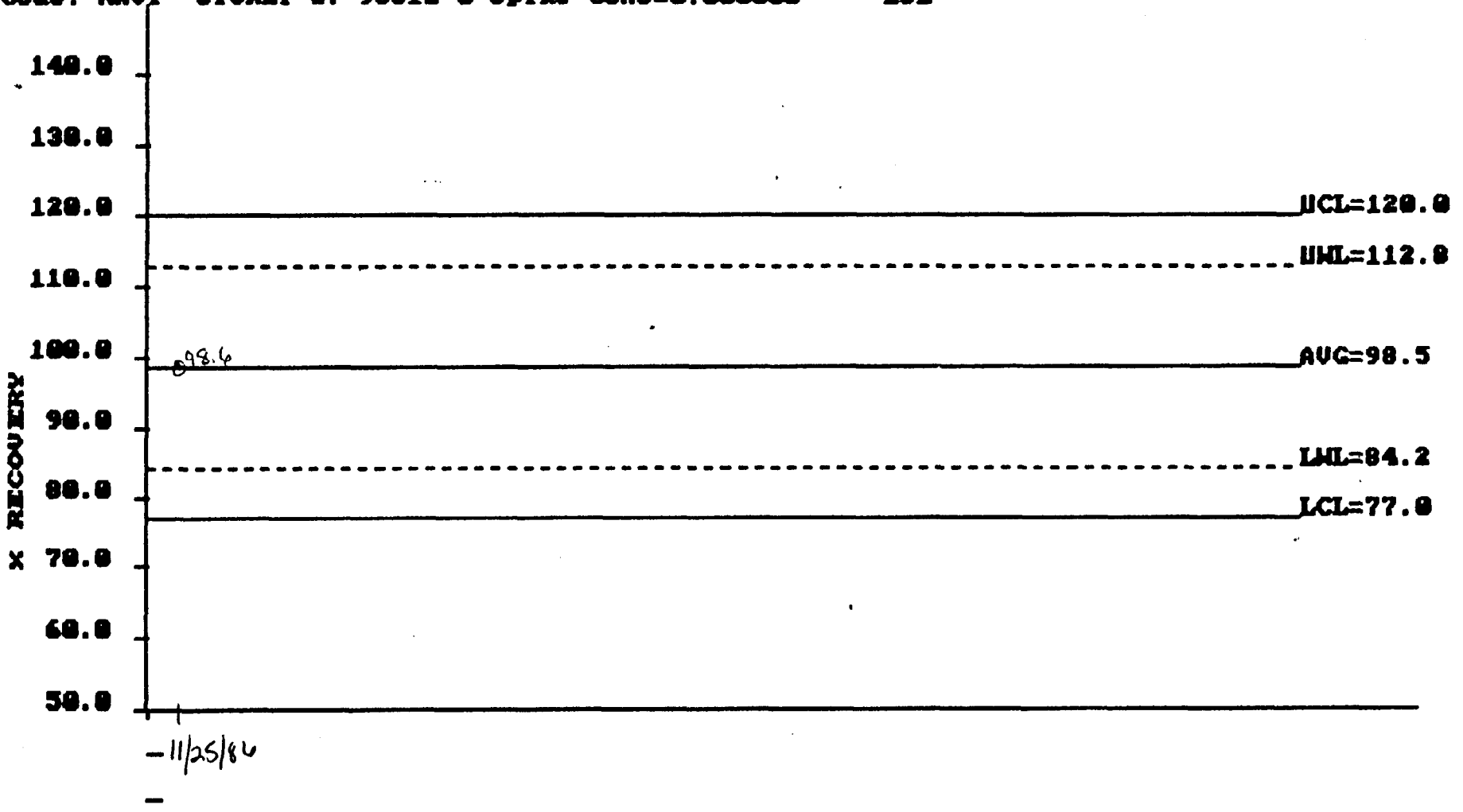
Accuracy 1,2-DICHLOROETHANE-D(4) UG/L

Code: NAVY STORET #: 98812 # Spike Conc=0.000000 ESE



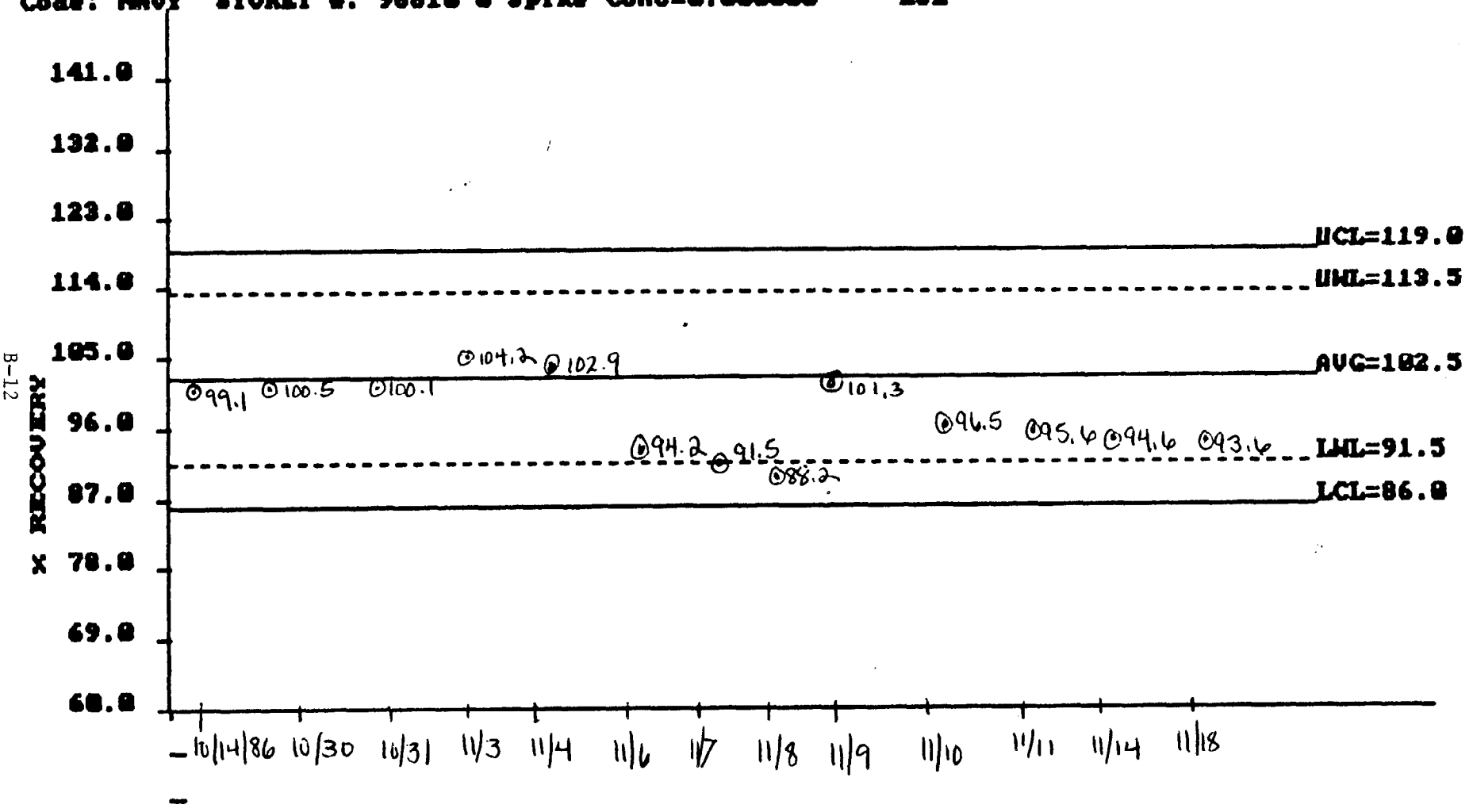
Accuracy 1,2-DICHLOROETHANE-D(4) UG/L

Code: NAVY STORET #: 98812 @ Spike Conc=0.000000 ESE



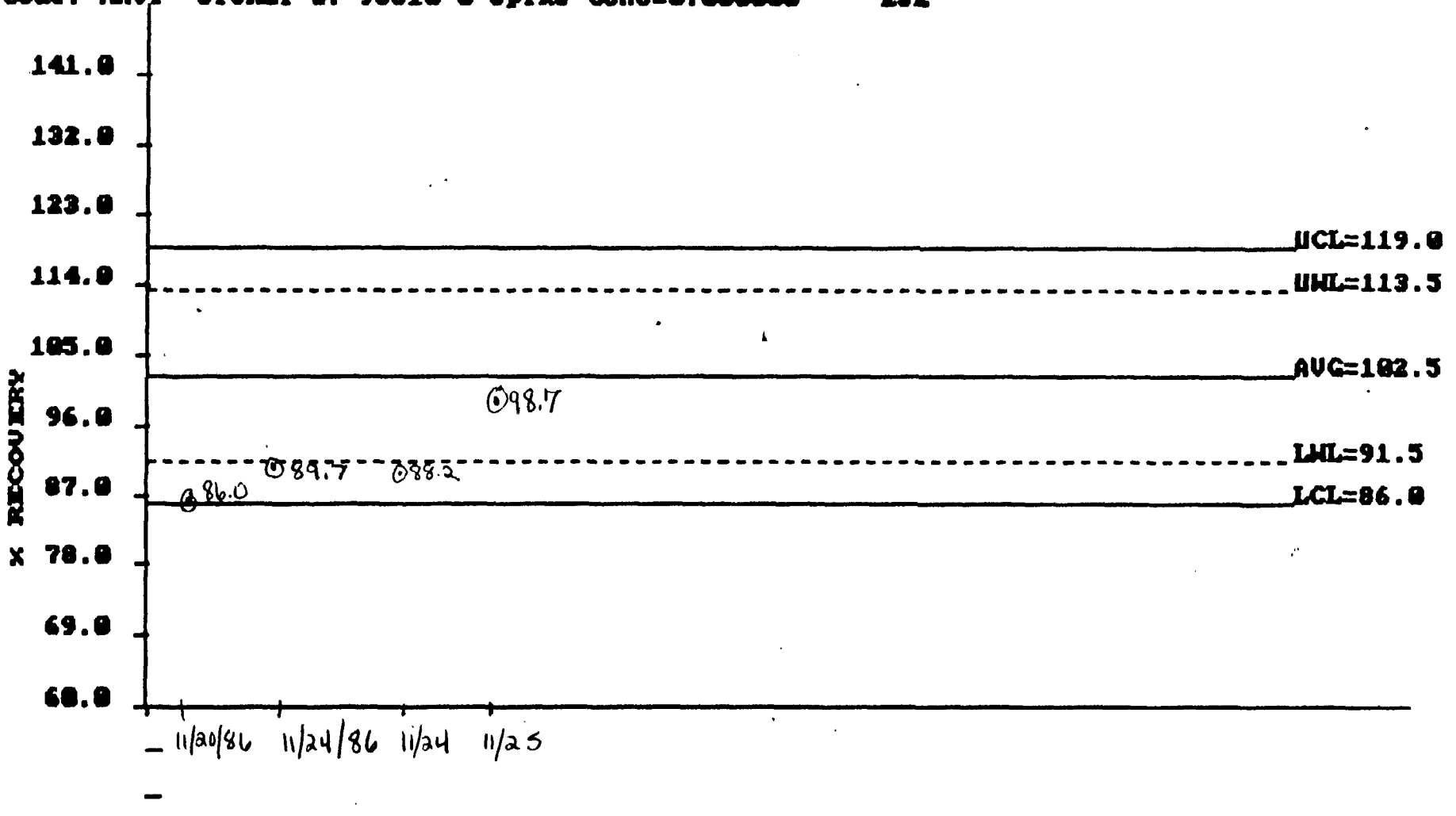
Accuracy TOLUENE-D(8) UG/L

Code: NAVY STORET #: 98818 0 Spike Conc=0.000000 ESE



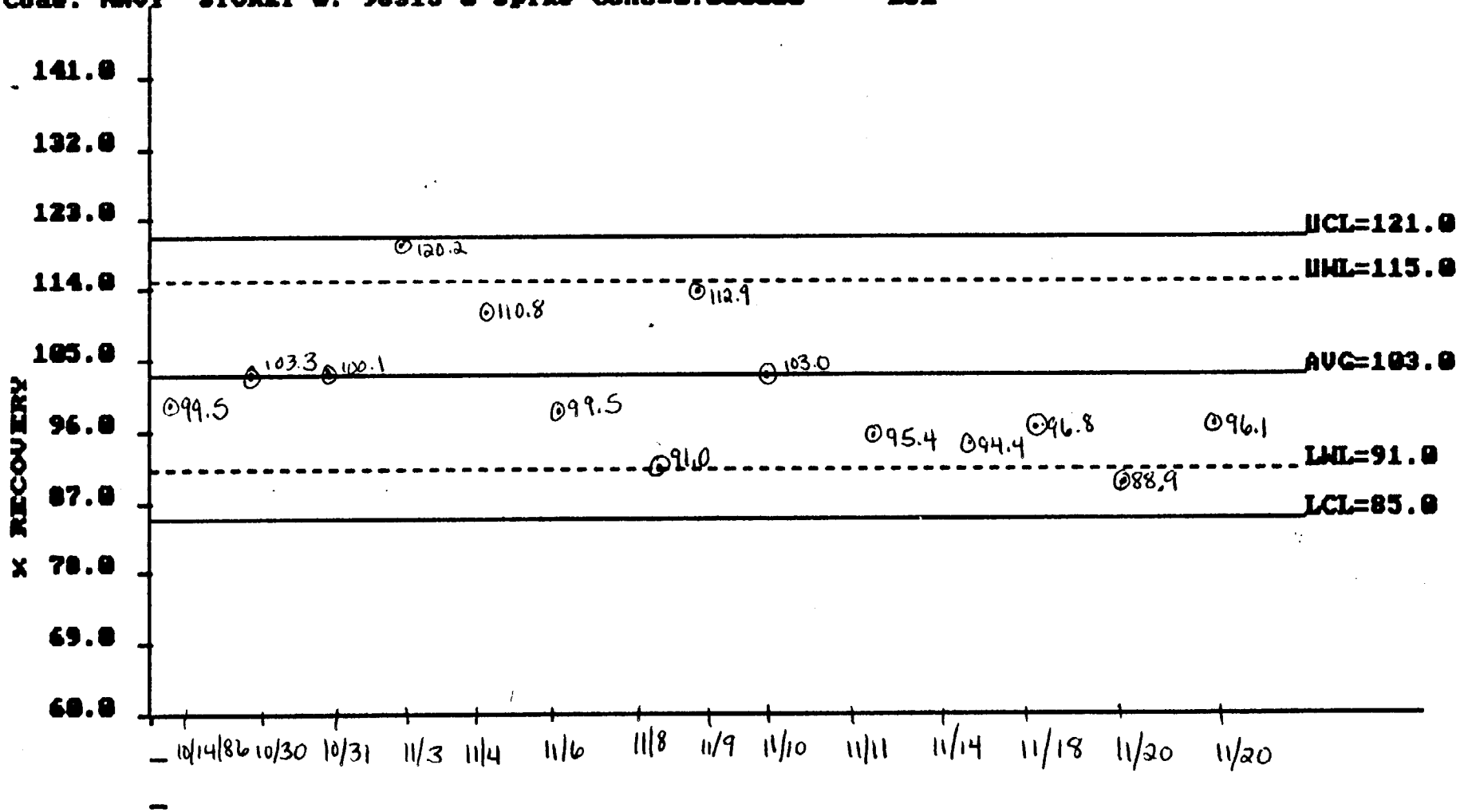
Accuracy TOLUENE-D(8) UG/L

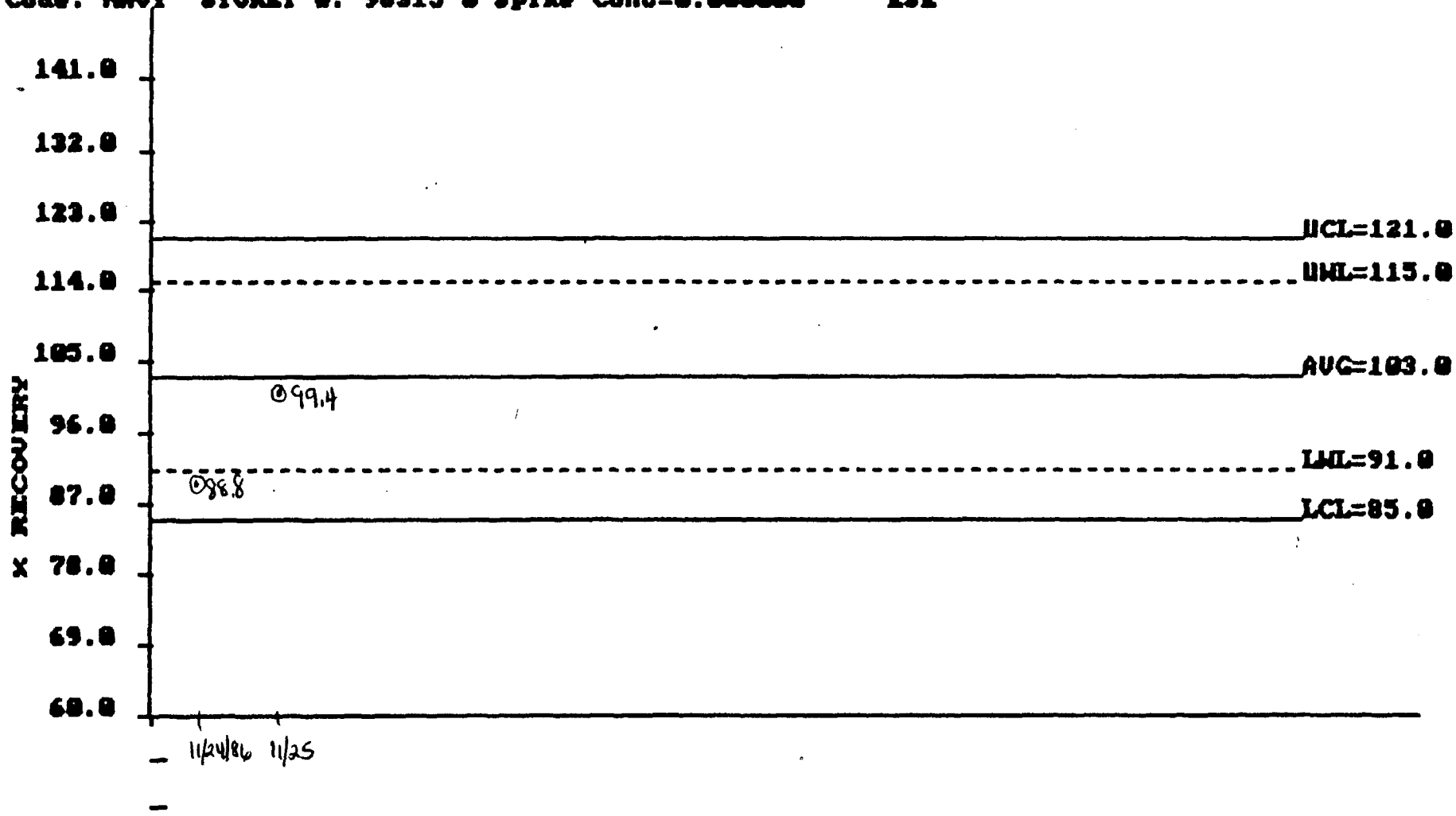
Code: NAVY STORET #: 98810 0 Spike Conc=0.000000 ESE



Accuracy BROMOFLUOROBENZENE UG/L

Code: NAVY STORET #: 98315 @ Spike Conc=0.000000 ESE



Accuracy BROMOFLUOROBENZENE UG/L

Code: MAUV STORET #: 98315 0 Spike Conc=0.000000 ESE