Department of Energy
Albuquerque Operations Office
Los Alamos Area Office
Los Alamos, New Mexico 87544

Rec'd LANL FFCO/96

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Benito Garcia, Bureau Chief
Hazardous and Radioactive Materials Bureau
New Mexico Environment Department
2044 Galisteo Street, Building A
P. O. Box 26110
Santa Fe, New Mexico 87505

APR 1996 RECEIVED

Dear Mr. Garcia:

Subject: Follow-Up Information, Request for Removal of Wastewater Treatment Sludge from the Site Treatment Plan (STP) for the Los Alamos National Laboratory (LANL)

The purpose of this letter is to present additional information requested in the New Mexico Environment Department's (NMED) February 9, 1996 letter regarding our request for reclassification of 1,228 of the 1,288 drums of TA-50-1 sludge. They are currently being stored at LANL as Low-Level Mixed Waste (LLMW), pursuant to the New Mexico Hazardous Waste Regulations (HWMR). These sludges currently are included in the Federal Facility Compliance Order (FFCO)/STP under Section 3.3 in the Compliance Plan Volume (CPV, Exhibit A) in the treatability group *"dewatered treatment sludge,"* MWIR waste ID LA-W928.

In our letter dated January 12, 1996, the Department of Energy (DOE) and the University of California (UC) asserted that the referenced 1,228 drums of sludge are actually radioactive nonhazardous waste, and henceforth should be managed as such. We believe these 1,228 drums need no longer be considered "covered waste" according to the FFCO, although we will continue to manage the remaining 60 drums as "covered waste" in the STP. Our January 12, 1996 letter documented our recent study and reevaluation of the available information regarding the referenced sludges. It supplemented and supported the many previous internal studies and reviews documenting LANL's knowledge of the processes which generate the TA-50-1 Radioactive Liquid Waste Treatment Plant (RLWTP) influent and sludges. The data, studies, and reviews supporting our conclusion were summarized briefly in Table 1 of that letter. We hope the following sections of this letter respond to your February 9, 1996 request for additional information.

1775

1. In your February 9, 1996 letter, you pointed to a need for clarification of the narrative statements presented in Section 4.4 of our January 12, 1996 letter and requested *"information/data which links the sludges sampled to the actual drums of sludge that you propose for deletion under the FFCO."* You also stated that *"(I)t is unclear as to whether the "Sample results from the radioactive low level wastewater treatment facility's vacuum sludge"* [the fifth entry in Table 1 of our January 12, 1996 letter] *are the same as those listed in Attachment C"* [of our January 12, 1996, letter]. In Attachment 1 of our January 12, 1996 letter, we provided a listing of the 1,228 drums of sludge currently in the STP inventory. The relationship between the generation of RLWTP sludges and this drum inventory is described in detail in Appendix I to this letter. The sludges were generated in discrete batches of approximately 60 drums, each batch corresponding to approximately a two to six week interval of accumulation. Some 240-300 drums were generated per year during the period in question (1988 through 1993).

   Grab samples of dewatered sludge from the vacuum filter cake have been collected routinely since approximately the mid-1980s for each batch of sludge generated by the vacuum filter. Three random samples are collected a few days after drawing sludge from the clariflocculators, in order to ensure that the samples will be as well mixed and representative of the batch as possible. One is analyzed for total volatile organic compounds, the second for semivolatile organic compounds, and the third for radionuclide constituents and for the Resource Conservation and Recovery Act toxicity characteristic (20 NMAC 4.1.20 at 40 CFR 261.3 (b)(3)). These were the "sample results" referenced in the fifth entry of Table 1 of our January 12, 1996 letter. The subset of these data presented in Attachment C of our January 12, 1996 letter corresponded to the time of generation of the 1,288 drums in question.

   Analytical results were presented in Tables C-1 through C-8 and C-10 of Attachment C of our January 12, 1996 letter by sample number, one sample corresponding to each batch of sludge drums generated during the time period in question. You noted that a specific crosswalk between sample number (in Attachment C) and drum number (in Attachment A) had been inadvertently omitted from our January 12, 1996 letter. As discussed in Appendix I, however, their relationship can be established by comparing the sample date for each sample in Attachment C to the "Storage Date" listed for each sludge drum in Attachment A of our January 12, 1996 letter.

   Analytical results of the Extraction Procedure Toxicity Characteristic test, the applicable test method during most of the time period covered by Tables C-1 through C-8, were reported by individual sample in Tables C-1 through C-8 of our January 12, 1996 letter by analyte. Table C-9 showed the mean, minimum, and maximum values detected in the population of samples in Table C-10. Table C-10 of our January 12, 1996 letter reported, by individual sample, the highest detectable concentration of constituents found in each sampling event during the period in question. The Toxicity Characteristic Leaching Procedure was the applicable test method during most of the

time period covered by Tables C-9 and C-10. No constituents tested were found to exceed regulatory levels; thus, the sludges were not found to exhibit the toxicity characteristic.

The narrative statements in Section 4.4, "Characteristic Waste," of our January 12, 1996 letter also made reference to the results of analyses of influent samples, reported in Tables B-1 through B-17. As discussed in Section 3.0 of our January 12, 1996 letter, analysis of influent wastewaters during this period showed that no toxicity characteristic metals in TA-50-1 influent exceeded regulatory concentrations. The concentrations remained significantly below the regulatory concentrations for each constituent. This, coupled with the sludge analyses given in Attachment C of our January 12, 1996 letter, supported our reasoning that the sludges neither were a characteristic waste nor were derived from treatment of a characteristic waste.

2. As requested in your February 9, 1996 letter, the discussion in Appendix I to this letter provides a crosswalk linking sample numbers (in Attachment C of our January 12, 1996 letter) and drum number (in Attachment A of our January 12, 1996 letter) applicable to all samples. Appendix II to this letter contains a listing of 20 sample numbers randomly selected from among the sludge sample numbers given in Attachment C of our January 12, 1996 letter, as well as the lab sheets for each of the 20 samples. Appendix III to this letter provides the analytical methods and the QA/QC procedures followed when analyzing the original samples in LANL's laboratories.

3. As requested in your February 9, 1996 letter, Appendix IV to this letter is a copy of the Ralph M. Parsons report Study of Alternatives for Radioactive Wastewater Treatment Sludges at the Los Alamos National Laboratory (LA-UR 94-1402). As discussed in our January 12, 1996 letter, the request for reclassification was based on information from a number of sources including this report. These were summarized in Table 1 of that letter.

We hope the preceding discussion clarifies the basis for LANL's conclusion that 1,228 of the 1,288 drums of TA-50 treatment sludge should no longer be classified as LLMW. It is our understanding that on approval of this request by NMED, the referenced 1,228 drums of sludge shall no longer be subject to the terms of the HWMR or the FFCO. DOE and UC will then consider the referenced 1,228 55-gallon containers in the treatability group *"dewatered treatment sludge,"* MWIR waste ID LA-W928, deleted from the STP and from LANL's LLMW inventory. DOE and UC wish to proceed as expeditiously as possible with the re-labeling on on-site disposal of the referenced 1,228 55-gallon containers as low-level radioactive waste. We will continue to manage the remaining 60 drums in this treatability group in accordance with the requirements of the STP under Section 3.3 in the Compliance Plan Volume (CPV, FFCO Exhibit A).

LANL's records and documents related to this letter are available to NMED's staff upon request. A certification statement prepared in accordance with the requirements of

Section XX, "Documents, Information, and Reporting Requirements," of the FFCO is enclosed.

If there are any questions regarding the information presented in this letter, please feel free to contact me at (505) 665-5042, or Paul Schumann, LANL, at (505) 667-5840. Thank you for the opportunity to provide this information.

Sincerely,

H. L. "Jody" Plum
STP Project Manager
Office of Environment
and Projects
Los Alamos Area Office

Micheline Devaurs
STP Project Manager
Los Alamos National Laboratory

LAAMEP:2JP-032

Enclosures

cc w/enclosures:
J. Seubert
Hazardous and Radioactive Materials
Bureau
New Mexico Environment Department
2044 Galisteo St., Bldg. A
P. O. Box 26110
Santa Fe, New Mexico 87505

CERTIFICATION

I certify that I am the project manager responsible for overseeing the implementation of the Site Treatment Plan for the Los Alamos National Laboratory. To the best of my knowledge and belief, the information in this document is true, accurate, and complete.

Micheline Devaurs

Micheline Devaurs
Project Manager, EM Division
Los Alamos National Laboratory
Operator

4/1/96
Date Signed

H.L. Plum
Regulatory Permitting and Compliance Manager
Los Alamos Area Office
U.S. Department of Energy
Albuquerque Operations
Owner/Operator

4/1/96
Date Signed

APPENDIX I

Sludge Drums -- Generation, Sampling, and Storage

APPENDIX I

Sludge Drums -- Generation, Sampling, and Storage

The following brief description of the sludge handling and sampling process for the TA-50-1 Main Plant discusses the relationship between wastewater in the Main Plant headworks and the sludge generated in the clariflocculators. It also illustrates how this sludge is drawn in batches, sampled, and placed into drums for storage.

I. Batching Sludge

Sludge is drawn from the clariflocculators to the sludge holding tank. When the sludge tank contains sufficient sludge for processing through the vacuum filter, no additional sludge is sent to the tank until what is there has been treated. At this time, the sludge contained in the sludge holding tank is considered a "batch."

For Example:

On the attached Daily Plant Logs (Attachments 1 and 2) it is noted that sludge was drawn from the main plant clariflocculators on August 9, 1989 and then again on August 30, 1989. The sludge collecting in the clariflocculators from August 10th (after the sludge draw on August 9th) through August 29th was the sludge that was moved into the sludge holding tank on August 30th. This sludge became a "batch."

II. Sampling & Treating Sludge

The sludge batch is decanted and mixed. Polymer is added if needed and then the sludge is processed through the vacuum filter. During this process, a representative grab sample of dewatered sludge is taken by the vacuum filter operator. The sample is analyzed for radioisotopes (Pu238, Pu239, Am241, U234, U235 and Gross Alpha), and for RCRA/NMHWA-regulated metals (Ag, As, Ba, Cd, Cr, Hg, Ni, Pb, Se, and Tl) - historically, by using the Extraction Procedure (EP) Toxicity Method, and later, using the Toxicity Characteristic Leaching Procedure (TCLP). Analytical and QA/QC prcedures used are provided in Appendix III. This sample, and its analysis results, are considered representative of the batch being treated, and thereby also representative of each drum of dewatered sludge produced during the treatment of this batch of sludge.

For Example:

The Vacuum Filter Solids Laboratory Analyses form attached (See Attachment 3) shows the analysis for the dewatered sludge sample taken on September 9, 1989 for the batch of sludge described earlier in Example 1. Note the sample I.D. number on the form: 89.73908.

Other analysis information regarding this batch of sludge, for example Volatile and Semi-Volatile Organics analysis, is derived from the analysis of wastewater at the headworks of the plant during the time that this batch of sludge was forming in the clariflocculators. In this case, the analyses to be considered would be those for water samples taken between the dates of August 9, 1989 and August 30, 1989. The assumption in this situation is that if a given constituent is not present in the wastewater entering the facility, then it cannot be present in the sludge produced by the treatment of that wastewater.

If the addition of new sludge to the sludge holding tank becomes necessary before the treatment of a batch is complete, the contents of the sludge holding tank become a *new* batch and this process will start over from the beginning.

III. Sludge Drum Identification

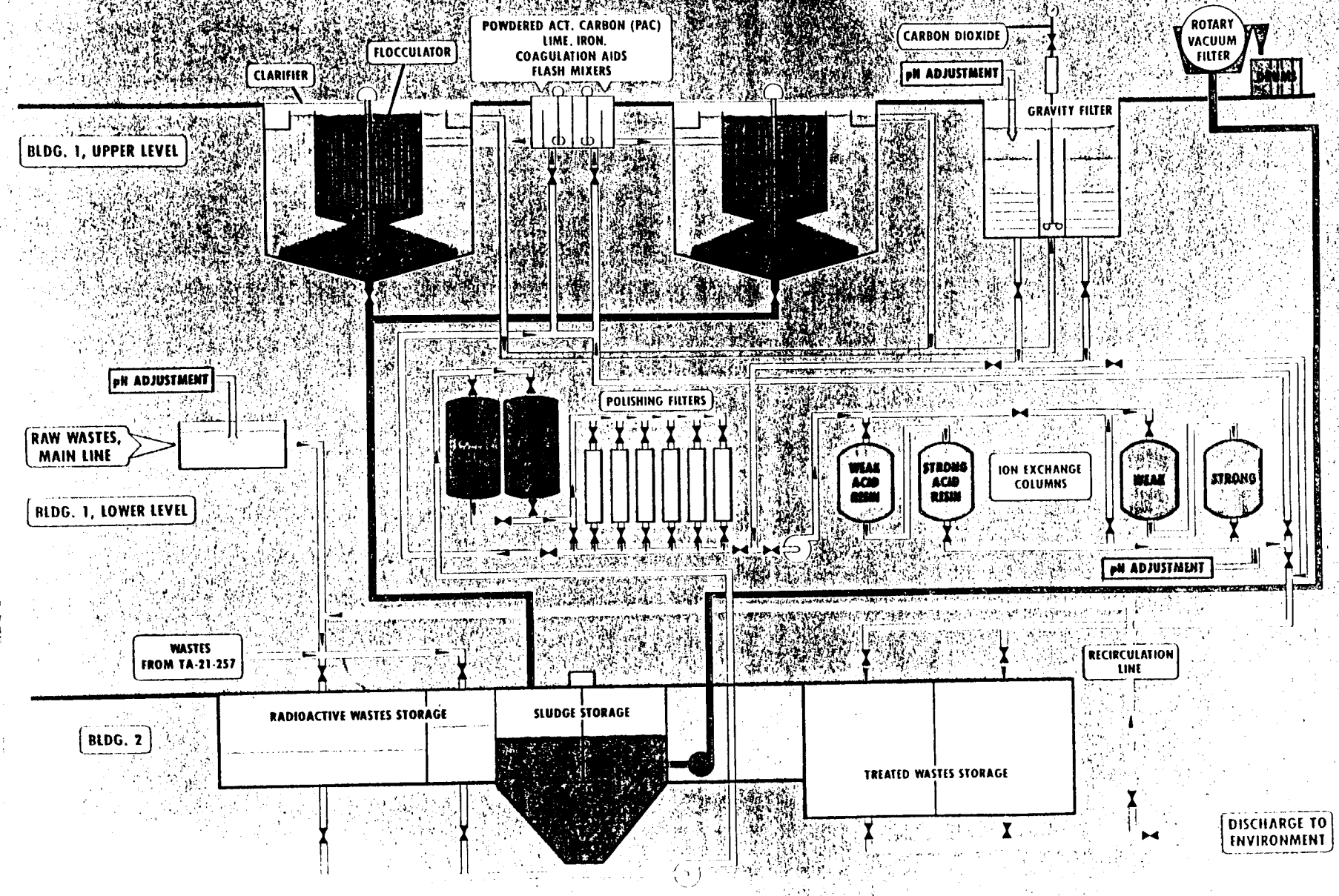
To each drum produced is attached a brass tag with a unique number. A list of the brass tags used for the drums made during each batch is kept by the vacuum filter operator. Drums are shipped to TA-54, Area L for storage, where each drum is assigned an additional identification number by Area L.

For Example:

The Sludge Drum Data form (See Attachment 4) is kept by the vacuum filter operator. For each drum made both the date and the brass tag drum number are recorded. The drums noted in this example are the drums which were made from the sludge batch described in Examples 1 and 2. We know this because the drums made prior to these were made before the sludge draw on August 30, 1989 and the drums following were made after a sludge draw on October 4, 1989. The Radioactive Solid Waste Disposal Record form (See Attachment 5) lists the tag numbers of the drums included in the shipment of drums to TA-54, Area L.

LIQUID WASTE TREATMENT FACILITY TA-50

Los Alamos National Laboratory



CN 83-1767

ATTACHMENT: 1
Daily Plant Log: August 9, 1989

DAILY LOG
TA-50-1 PLANT

DATE: 9 Aug 1989 DAY: Wednesday

INFLUENT TANK LEVELS (PERCENT)

	0800	1700	0800 NEXT DAY
TANK #1 (25K GAL)	20.42	21.15	21.20
TANK #2 (75K GAL)	33.62	20.96	30.16
TANK #3 (100K GAL)			

* *

WAS PLANT OPERATED?	(YES)	NO	
WAS A TANK DRAINED?	YES	(NO)	
WAS DP-257 TRANSFERRED?	YES	(NO)	_____ LITERS
WAS WASTE PUMPED FROM OMEGA?	YES	(NO)	_____ LITERS
WAS A TANK RECIRCULATED?	YES	(NO)	_____ LITERS
WAS FILTER BACKWASHED?	YES	(NO)	_____ LITERS
MISC. INFLUENT VOLUME:	YES	(NO)	_____ LITERS

SLUDGE DRAWOFF: BEGINNING LEVEL = 22 FT 4 IN
ENDING LEVEL = 2 FT 0 IN

* *

PLANT START-UP TIME	PLANT SHUT-DOWN TIME
07 HRS 30 MIN	08 HRS 45 MIN
19 HRS 15 MIN	22 HRS 15 MIN
____ HRS ____ MIN	____ HRS ____ MIN

* *

EFFLUENT TANK LEVELS (METERS)

		BEGINNING LEVEL	ENDING LEVEL	RECIRC.?
TANK #1 (SOUTH)	1	2.60	4.40	
	1			
	1			
	1			
	1			
	1			
TANK #2 (NORTH)	2	0.50		
	2			
	2			
	2			
	2			
	2			

ATTACHMENT: 2
Daily Plant Log: August 30, 1989

DAILY LOG
TA-50-1 PLANT

DATE: 30 Aug 1989 DAY: Wednesday

INFLUENT TANK LEVELS (PERCENT)

	0800	1700	0800 NEXT DAY
TANK #1 (25K GAL)	3.96	0.00	-0-
TANK #2 (75K GAL)	35.55	6.73%	13.70
TANK #3 (100K GAL)			

* *

WAS PLANT OPERATED?	(YES)	NO	
WAS A TANK DRAINED?	(YES)	NO	
WAS DP-257 TRANSFERRED?	YES	(NO)	LITERS
WAS WASTE PUMPED FROM OMEGA?	YES	(NO)	LITERS
WAS A TANK RECIRCULATED?	YES	(NO)	LITERS
WAS FILTER BACKWASHED?	YES	(NO)	LITERS
MISC. INFLUENT VOLUME:	YES	(NO)	LITERS

SLUDGE DRAWOFF: BEGINNING LEVEL = 21 FT 4 IN
ENDING LEVEL = 14 FT 2 IN

* *

PLANT START-UP TIME	PLANT SHUT-DOWN TIME
10 HRS 45 MIN	13 HRS 30 MIN
HRS MIN	HRS MIN
HRS MIN	HRS MIN

* *

EFFLUENT TANK LEVELS (METERS)

		BEGINNING LEVEL	ENDING LEVEL	RECIRC.?
TANK #1 (SOUTH)	1	4.40	4.40 from DP	N
	1	0.50	2.00	
	1			
	1			
	1			
	1			
TANK #2 (NORTH)	2	0.50	4.40	N
	2	0.50		
	2			
	2			
	2			
	2			

ATTACHMENT: 3
Vacuum Filter Solids Laboratory Analyses: August 11, 1989

VACUUM FILTER SOLIDS
LABORATORY ANALYSES

SAMPLE SUBMITTED BY: Moss/Castillo/Harris DATE: 9-11-89

ORIGIN OF SAMPLE(S): TA-50 BP-257 DATE SAMPLED: 9-7-89

DESCRIPTION: Radiochem Analyses of Filtercake from TA-50 BP-257 Vacuum Filter

[(50S) (21-257S)]

LABORATORY I.D. NUMBER: 89.73908

TEST/ ANALYSIS		RESULT/CONCENTRATION	DATE BEGUN	METHOD	ANAL. BY
Gross Alpha		1100 ± 22 mCi/g	9/11	ALPHA	JZ
^{234}U		900 ± 170 pCi/g	9/15	RAS	TDF
^{235}U		70 ± 50 pCi/g	9/15	RAS	TDF
^{238}Pu		27 ± 3 mCi/g	9/12	RAS	TDF
^{239}Pu		88 ± 10 mCi/g	9/12	RAS	TDF
^{241}Am		44 ± 7 mCi/g	9/11	~~RAS~~ GEL	TDF
% Solids		29.4 ± 0.6	9/11	GRAV	TDF
EP TOX	Ag	23 ± 3 µg/L	10/10	272.2	MCW
	As	~~42 ± 2 µg/L~~ 5.1 ± 2 µg/L	10/16/89	206.2	[illegible]
	Ba	2.5 ± .3 mg/L	11/7	208.1	"
	Cd	0.29 ± .1 µg/L	9/29/89	213.2	[illegible]
	Cr	7.2 ± 2 µg/L	12-4-89	218.2	"
	Hg	<0.2 ± .2 µg/L	10-4	245.1	MAB
	Ni	0.061 ± .04 mg/L	11-17	249.1	[illegible]
	Pb	6 ± 1 µg/L	9/29/89	239.2	[illegible]
	Se	<1.0 ± 1.0 µg/L	10/16/89	270.2	[illegible]
	Tl	1.0 ± 1.0 µg/L	11/2/89	279.2	[illegible]

Remarks:

APPROVED BY: [illegible] DATE: 12-14-89

H7LAB35A REV. 02-88

ATTACHMENT: 4
Sludge Drum Data: September 11-15, 1989

H-7 - ENGR-94

SLUDGE DRUM DATA

DATE	Drum Number	Weight of Sludge Drums (Kilograms) Gross (sludge & cont)	Net (sludge only)	~~Void Space at top of Sludge~~ Container	Total Vol. of Sludge Packaged (Liters)
9/11/89	1	460		Drum No 455	208
	2	410		456	208
	3	[redacted]		[redacted]	
	4	490		457	208
	5	485		458	208
	6	530		459	208
	7	615		460	208
	8	475		461	208
	9	540		462	208
9/12/89	1	537		463	208
" "	2	556		464	208
"	3	468		465	208
"	4	463		466	208
"	5	490		467	208
"	6	516		468	208
"	7	515		469	208
"	8	506		470	208
	9	510		471	208
	This Page	8566		17	3536
	TOTAL	20,574 lbs	Avg 532 lb	41	8528 l

5436 Kg

APPENDIX II

Analytical Data for 20 Sludge Samples

sludge stuff for response to request.....dlh

1	88.73902 2/19/88	
2	88.73903 3/2/88	
3	88.73906 7/6/88	
4	88.73909 9/9/88	
5	88.79310 10/24/88	
6	88.73911 11/17/88	
7	89.73902 2/7/89	complete labwork in plant file
8	89.73903 3/14/89	complete labwork in plant file
9	89.79304 5/4/89	complete labwork in plant file
10	89.73906 7/3/89	complete labwork in plant file
11	89.73908 9/11/89	complete labwork in plant file
12	89.73909 10/10/89	
13	90.73901 1/11/90	
14	90.73902 2/14/90	
15	90.73905 4/11/90	
16	90.73906 5/10/90	
17	90.73907 6/21/90	
18	90.73908 8/15/90	
19	90.73910 10/12/90	no labwork in plant file
20	90.73911 12/05/90	

SAMPLE NUM	OWNER	MATRIX	ANALYSIS	REQUEST NUM	REQUESTOR	REQUEST DATE	DUE DATE	PROJECT NUM
88.73902	JRB	C	ALPHA	09999	50S	2/19/88		W579
JL	PC		577.0000	7.0000	NCI/G		2/25/88	R
				1				
88.73902	JRB	C	%SOLIDS	09999	50S	2/19/88		W579
TDF	GRAV		24.9000	0.4000	NONE		2/25/88	R
				1				
88.73902	JRB	C	AM-241	09999	50S	2/19/88		W579
TDF	GELI		85.0000	13.0000	NCI/G		2/25/88	R
				1				
88.73902	JRB	C	CO-57	09999	50S	2/19/88		W579
TDF	GELI		26.0000	4.0000	NCI/G		2/25/88	R
				1				
88.73902	JRB	C	CO-60	09999	50S	2/19/88		W579
TDF	GELI		45.0000	7.0000	NCI/G		2/25/88	R
				1				
88.73902	JRB	C	CO-58	09999	50S	2/19/88		W579
TDF	GELI		9.2000	1.8000	NCI/G		2/25/88	R
				1				
88.73902	JRB	C	MN-54	09999	50S	2/19/88		W579
TDF	GELI		9.9000	1.6000	NCI/G		2/25/88	R
				1				
88.73902	JRB	C	SR-85	09999	50S	2/19/88		W579
TDF	GELI		7.4000	1.7000	NCI/G		2/25/88	R
				1				
88.73902	JRB	C	SE-75	09999	50S	2/19/88		W579
TDF	GELI		34.0000	5.0000	NCI/G		2/25/88	R
				1				
88.73902	JRB	C	SN-113	09999	50S	2/19/88		W579
TDF	GELI		14.0000	2.0000	NCI/G		2/25/88	R
				1				
88.73902	JRB	C	NB-95	09999	50S	2/19/88		W579
TDF	GELI		6.7000	1.3000	NCI/G		2/25/88	R
				1				
88.73902	JRB	C	Y-88	09999	50S	2/19/88		W579
TDF	GELI		31.0000	5.0000	NCI/G		2/25/88	R
				1				
88.73902	JRB	C	ZN-65	09999	50S	2/19/88		W579
TDF	GELI		28.0000	4.0000	NCI/G		2/25/88	R
				1				
88.73902	JRB	C	CO-56	09999	50S	2/19/88		W579
TDF	GELI		3.3000	1.3000	NCI/G		2/25/88	R
				1				
88.73902	JRB	C	CR-51	09999	50S	2/19/88		W579
TDF	GELI		15.0000	11.0000	NCI/G		2/25/88	R
				1				
88.73902	JRB	C	PU-239	09999	50S	2/19/88		W579
TDF	RAS	R	575.0000	62.0000	NCI/G		2/29/88	R
				1				
88.73902	JRB	C	PU-239	09999	50S	2/19/88		W579
TDF	RAS	R	616.0000	67.0000	NCI/G		2/29/88	R
				1				
88.73902	JRB	C	PU-238	09999	50S	2/19/88		W579
TDF	RAS	R	47.0000	6.0000	NCI/G		2/29/88	R
				1				
88.73902	JRB	C	PU-238	09999	50S	2/19/88		W579
TDF	RAS	R	47.0000	6.0000	NCI/G		2/29/88	R

```
                                        1
88.73902  JRB   C     U-234       09999  50S          2/19/88          W579
  TDF     RAS       R        600.0000   300.0000  PCI/G        2/29/88   R
                                        1
88.73902  JRB   C     U-234       09999  50S          2/19/88          W579
  TDF     RAS       R        530.0000   290.0000  PCI/G        2/29/88   R
                                        1
88.73902  JRB   C     U-235       09999  50S          2/19/88          W579
  TDF     RAS       R         10.0000   140.0000  PCI/G        2/29/88   R
                                        1
88.73902  JRB   C     U-235       09999  50S          2/19/88          W579
  TDF     RAS       R         10.0000   140.0000  PCI/G        2/29/88   R
                                        1
88.73902  JRB   WE    BA          09999  50S          2/19/88          W579
  TMF     FAA       R          0.3800     0.0400  MG/L         3/15/88   R
                                        1
88.73902  JRB   WE    BA          09999  50S          2/19/88          W579
  TMF     FAA       R          0.3900     0.0400  MG/L         3/15/88   R
                                        1
88.73902  JRB   WE    AG          09999  50S          2/19/88          W579
  MCW     FAA       R          0.0980     0.0100  MG/L         5/27/88   R
                                        1
88.73902  JRB   WE    AG          09999  50S          2/19/88          W579
  MCW     FAA       R          0.0890     0.0100  MG/L         5/27/88   R
                                        1
88.73902  JRB   WE    AS          09999  50S          2/19/88          W579
  MCW     ETVAA     R          3.7000     2.0000  UG/L         5/27/88   R
                                        1
88.73902  JRB   WE    AS          09999  50S          2/19/88          W579
  MCW     ETVAA     R          2.9000     2.0000  UG/L         5/27/88   R
                                        1
88.73902  JRB   WE    CD          09999  50S          2/19/88          W579
  TMF     ETVAA                4.1000     0.8000  UG/L         5/27/88   R
                                        1
88.73902  JRB   WE    CR          09999  50S          2/19/88          W579
  TMF     ETVAA     R         13.0000     3.0000  UG/L         5/27/88   R
                                        1
88.73902  JRB   WE    CR          09999  50S          2/19/88          W579
  TMF     ETVAA     R         14.0000     3.0000  UG/L         5/27/88   R
                                        1
88.73902  JRB   WE    HG          09999  50S          2/19/88          W579
  TMF     CVAA                 1.1000     0.2000  UG/L         5/27/88   R
                                        1
88.73902  JRB   WE    NI          09999  50S          2/19/88          W579
  MCW     FAA       R          0.4200     0.0400  MG/L         5/27/88   R
                                        1
88.73902  JRB   WE    NI          09999  50S          2/19/88          W579
  MCW     FAA       R          0.4300     0.0400  MG/L         5/27/88   R
                                        1
88.73902  JRB   WE    PB          09999  50S          2/19/88          W579
  TMF     ETVAA                48.0000    10.0000  UG/L         5/27/88   R
                                        1
88.73902  JRB   WE    SE          09999  50S          2/19/88          W579
  TMF     ETVAA     <          1.0000     0.0000  UG/L         5/27/88   R
                                        1
88.73902  JRB   WE    SE          09999  50S          2/19/88          W579
  TMF     ETVAA     <          1.0000     0.0000  UG/L         5/27/88   R
                                        1
```

SAMPLE NUM	OWNER	MATRIX	ANALYSIS	REQUEST NUM	REQUESTOR	REQUEST DATE	DUE DATE	PROJECT NUM
88.73903	JRB	C	ALPHA	09999	50S	3/21/88		W579
TDF	PC		178.0000	3.0000	NCI/G		3/23/88	R
				1				
88.73903	JRB	C	%SOLIDS	09999	50S	3/21/88		W579
TDF	GRAV		23.2000	0.4000	NONE		3/23/88	R
				1				
88.73903	JRB	C	AM-241	09999	50S	3/21/88		W579
TDF	GELI		48.0000	7.0000	NCI/G		3/23/88	R
				1				
88.73903	JRB	C	CO-57	09999	50S	3/21/88		W579
TDF	GELI		3.3000	1.2000	NCI/G		3/23/88	R
				1				
88.73903	JRB	C	CO-60	09999	50S	3/21/88		W579
TDF	GELI		7.5000	1.1000	NCI/G		3/23/88	R
				1				
88.73903	JRB	C	CO-58	09999	50S	3/21/88		W579
TDF	GELI		2.7000	1.1000	NCI/G		3/23/88	R
				1				
88.73903	JRB	C	MN-54	09999	50S	3/21/88		W579
TDF	GELI		3.4000	1.1000	NCI/G		3/23/88	R
				1				
88.73903	JRB	C	SR-85	09999	50S	3/21/88		W579
TDF	GELI		8.4000	1.4000	NCI/G		3/23/88	R
				1				
88.73903	JRB	C	SE-75	09999	50S	3/21/88		W579
TDF	GELI		62.0000	9.0000	NCI/G		3/23/88	R
				1				
88.73903	JRB	C	SN-113	09999	50S	3/21/88		W579
TDF	GELI		34.0000	5.0000	NCI/G		3/23/88	R
				1				
88.73903	JRB	C	NB-95	09999	50S	3/21/88		W579
TDF	GELI		4.4000	1.1000	NCI/G		3/23/88	R
				1				
88.73903	JRB	C	Y-88	09999	50S	3/21/88		W579
TDF	GELI		28.0000	3.0000	NCI/G		3/23/88	R
				1				
88.73903	JRB	C	ZN-65	09999	50S	3/21/88		W579
TDF	GELI		6.2000	2.8000	NCI/G		3/23/88	R
				1				
88.73903	JRB	C	U-235	09999	50S	3/21/88		W579
TDF	RAS	R	156.0000	70.0000	PCI/G		3/25/88	R
				1				
88.73903	JRB	C	U-235	09999	50S	3/21/88		W579
TDF	RAS	R	102.0000	56.0000	PCI/G		3/25/88	R
				1				
88.73903	JRB	C	U-234	09999	50S	3/21/88		W579
TDF	RAS	R	740.0000	170.0000	PCI/G		3/25/88	R
				1				
88.73903	JRB	C	U-234	09999	50S	3/21/88		W579
TDF	RAS	R	890.0000	190.0000	PCI/G		3/25/88	R
				1				
88.73903	JRB	C	PU-238	09999	50S	3/21/88		W579
TDF	RAS	R	22.0000	3.0000	NCI/G		3/25/88	R
				1				
88.73903	JRB	C	PU-238	09999	50S	3/21/88		W579
TDF	RAS	R	23.0000	3.0000	NCI/G		3/25/88	R

						1				
88.73903	JRB	C	PU-239		09999	50S		3/21/88		W579
TDF	RAS		R	137.0000		15.0000	NCI/G		3/25/88	R
						1				
88.73903	JRB	C	PU-239		09999	50S		3/21/88		W579
TDF	RAS		R	144.0000		16.0000	NCI/G		3/25/88	R
						1				
88.73903	JRB	WE	AG		09999	50S		3/21/88		W579
TMF	FAA		R	0.0160		0.0030	MG/L		6/08/88	R
						1				
88.73903	JRB	WE	AG		09999	50S		3/21/88		W579
TMF	FAA		R	0.0170		0.0030	MG/L		6/08/88	R
						1				
88.73903	JRB	WE	AS		09999	50S		3/21/88		W579
TMF	ETVAA		R	6.6000		0.7000	UG/L		6/08/88	R
						1				
88.73903	JRB	WE	AS		09999	50S		3/21/88		W579
TMF	ETVAA		R	5.8000		0.6000	UG/L		6/08/88	R
						1				
88.73903	JRB	WE	CD		09999	50S		3/21/88		W579
TMF	ETVAA		R	0.2200		0.1000	UG/L		6/08/88	R
						1				
88.73903	JRB	WE	CD		09999	50S		3/21/88		W579
TMF	ETVAA		R	0.1900		0.1000	UG/L		6/08/88	R
						1				
88.73903	JRB	WE	CR		09999	50S		3/21/88		W579
TMF	ETVAA		R	15.0000		3.0000	UG/L		6/08/88	R
						1				
88.73903	JRB	WE	CR		09999	50S		3/21/88		W579
TMF	ETVAA		R	16.0000		3.0000	UG/L		6/08/88	R
						1				
88.73903	JRB	WE	HG		09999	50S		3/21/88		W579
TMF	CVAA		<	0.2000		0.0000	UG/L		6/08/88	R
						1				
88.73903	JRB	WE	HG		09999	50S		3/21/88		W579
TMF	CVAA		<	0.2000		0.0000	UG/L		6/08/88	R
						1				
88.73903	JRB	WE	NI		09999	50S		3/21/88		W579
TMF	FAA		R	0.0750		0.0400	MG/L		6/08/88	R
						1				
88.73903	JRB	WE	NI		09999	50S		3/21/88		W579
TMF	FAA		R	0.0810		0.0400	MG/L		6/08/88	R
						1				
88.73903	JRB	WE	NI		09999	50S		3/21/88		W579
TMF	FAA		R	0.0820		0.0400	MG/L		6/08/88	R
						1				
88.73903	JRB	WE	PB		09999	50S		3/21/88		W579
TMF	ETVAA		R	6.6000		1.0000	UG/L		6/08/88	R
						1				
88.73903	JRB	WE	PB		09999	50S		3/21/88		W579
TMF	ETVAA		R	6.5000		1.0000	UG/L		6/08/88	R
						1				
88.73903	JRB	WE	SE		09999	50S		3/21/88		W579
TMF	ETVAA		<	1.0000		0.0000	UG/L		6/08/88	R
						1				
88.73903	JRB	WE	SE		09999	50S		3/21/88		W579
TMF	ETVAA		<	1.0000		0.0000	UG/L		6/08/88	R
						1				
88.73903	JRB	WE	BA		09999	50S		3/21/88		W579
TMF	FAA		R	0.7100		0.0700	MG/L		7/20/88	R

1

88.73903 JRB WE BA 09999 50S 3/21/88 W579

TMF FAA R 0.6800 0.0700 MG/L 7/20/88 R

1

SAMPLE NUM	OWNER	MATRIX	ANALYSIS	REQUEST NUM	REQUESTOR	REQUEST DATE	DUE DATE	PROJECT NUM
88.73906	JRB	C	ALPHA	09999	50S	7/06/88		W579
JL	PC		269.0000	4.0000	NCI/G		7/07/88	R
				1				
88.73906	JRB	C	AM-241	09999	50S	7/06/88		W579
TDF	GELI		40.0000	7.0000	NCI/G		7/08/88	R
				1				
88.73906	JRB	C	CO-57	09999	50S	7/06/88		W579
TDF	GELI		1.8000	0.7000	NCI/G		7/08/88	R
				1				
88.73906	JRB	C	MN-54	09999	50S	7/06/88		W579
TDF	GELI		2.1000	1.0000	NCI/G		7/08/88	R
				1				
88.73906	JRB	C	SR-85	09999	50S	7/06/88		W579
TDF	GELI		2.4000	1.1000	NCI/G		7/08/88	R
				1				
88.73906	JRB	C	SE-75	09999	50S	7/06/88		W579
TDF	GELI		4.9000	1.3000	NCI/G		7/08/88	R
				1				
88.73906	JRB	C	%SOLIDS	09999	50S	7/06/88		W579
TDF	GRAV		30.0000	0.6000	NONE		7/08/88	R
				1				
88.73906	JRB	C	U-234	09999	50S	7/06/88		W579
TDF	RAS	R	970.0000	270.0000	PCI/G		7/13/88	R
				1				
88.73906	JRB	C	U-234	09999	50S	7/06/88		W579
TDF	RAS	R	1.2000	0.2000	NCI/G		7/13/88	R
				1				
88.73906	JRB	C	U-235	09999	50S	7/06/88		W579
TDF	RAS	<	60.0000	0.0000	PCI/G		7/13/88	R
				1				
88.73906	JRB	C	U-235	09999	50S	7/06/88		W579
TDF	RAS	R	100.0000	70.0000	PCI/G		7/13/88	R
				1				
88.73906	JRB	C	PU-239	09999	50S	7/06/88		W579
TDF	RAS	R	103.0000	12.0000	NCI/G		7/13/88	R
				1				
88.73906	JRB	C	PU-239	09999	50S	7/06/88		W579
TDF	RAS	R	100.0000	11.0000	NCI/G		7/13/88	R
				1				
88.73906	JRB	C	PU-238	09999	50S	7/06/88		W579
TDF	RAS	R	60.0000	7.0000	NCI/G		7/13/88	R
				1				
88.73906	JRB	C	PU-238	09999	50S	7/06/88		W579
TDF	RAS	R	62.0000	7.0000	NCI/G		7/13/88	R
				1				
88.73906	JRB	WE	AG	09999	50S	7/06/88		W579
MCW	FAA		0.0380	0.0040	MG/L		9/08/88	R
				1				
88.73906	JRB	WE	AG	09999	50S	7/06/88		W579
MCW	FAA		0.0340	0.0040	MG/L		9/08/88	R
				1				
88.73906	JRB	WE	AS	09999	50S	7/06/88		W579
TMF	ETVAA		2.2000	0.4000	UG/L		9/08/88	R
				1				
88.73906	JRB	WE	AS	09999	50S	7/06/88		W579
TMF	ETVAA		2.2000	0.4000	UG/L		9/08/88	R

						1					
88.73906	JRB	WE	BA		09999	50S		7/06/88			W579
MCW	FAA				0.9800	0.1000	MG/L		9/08/88		R
						1					
88.73906	JRB	WE	CD		09999	50S		7/06/88			W579
MCW	FAA				25.0000	3.0000	UG/L		9/08/88		R
						1					
88.73906	JRB	WE	CD		09999	50S		7/06/88			W579
MCW	FAA				27.0000	3.0000	UG/L		9/08/88		R
						1					
88.73906	JRB	WE	CR		09999	50S		7/06/88			W579
MCW	FAA			<	0.0500	0.0000	MG/L		9/08/88		R
						1					
88.73906	JRB	WE	HG		09999	50S		7/06/88			W579
MCW	CVAA			R	36.0000	7.0000	UG/L		9/08/88		R
						1					
88.73906	JRB	WE	HG		09999	50S		7/06/88			W579
MCW	CVAA			R	27.0000	6.0000	UG/L		9/08/88		R
						1					
88.73906	JRB	WE	NI		09999	50S		7/06/88			W579
MCW	FAA				0.9000	0.1000	MG/L		9/08/88		R
						1					
88.73906	JRB	WE	NI		09999	50S		7/06/88			W579
MCW	FAA				1.0000	0.1000	MG/L		9/08/88		R
						1					
88.73906	JRB	WE	PB		09999	50S		7/06/88			W579
MCW	FAA			<	0.1000	0.0000	MG/L		9/08/88		R
						1					
88.73906	JRB	WE	PB		09999	50S		7/06/88			W579
MCW	FAA			<	0.1000	0.0000	MG/L		9/08/88		R
						1					
88.73906	JRB	WE	SE		09999	50S		7/06/88			W579
TMF	ETVAA				4.6000	0.9000	UG/L		9/08/88		R
						1					
88.73906	JRB	WE	TL		09999	50S		7/06/88			W579
TMF	ETVAA				2.8000	2.0000	UG/L		9/09/88		R
						1					
88.73906	JRB	WE	TL		09999	50S		7/06/88			W579
TMF	ETVAA				1.9000	2.0000	UG/L		9/09/88		R
						1					
88.73906	JRB	WE	CD		09999	50S		7/06/88			W579
MCW	ETVAA				27.0000	5.0000	UG/L		11/01/88		R
						1					
88.73906	JRB	WE	PB		09999	50S		7/06/88			W579
MCW	ETVAA				103.0000	20.0000	UG/L		11/01/88		R
						1					
88.73906	JRB	WE	PB		09999	50S		7/06/88			W579
MCW	ETVAA				88.0000	18.0000	UG/L		11/01/88		R
						1					

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SAMPLE NUM	OWNER	MATRIX	ANALYSIS	REQUEST NUM	REQUESTOR	REQUEST DATE	DUE DATE	PROJECT NUM
88.73909	JRB	C	ALPHA	09999	50S	9/09/88		W579
JL	PC			26.0000	1.0000	NCI/G	9/12/88	R
					1			
88.73909	JRB	C	AM-241	09999	50S	9/09/88		W579
TDF	GELI			6.4000	1.3000	NCI/G	9/13/88	R
					1			
88.73909	JRB	C	CS-137	09999	50S	9/09/88		W579
TDF	GELI			1.2000	0.5000	NCI/G	9/13/88	R
					1			
88.73909	JRB	C	SR-85	09999	50S	9/09/88		W579
TDF	GELI			1.0000	0.6000	NCI/G	9/13/88	R
					1			
88.73909	JRB	C	SN-113	09999	50S	9/09/88		W579
TDF	GELI			1.4000	0.7000	NCI/G	9/13/88	R
					1			
88.73909	JRB	C	%SOLIDS	09999	50S	9/09/88		W579
TDF	GRAV			28.8000	0.6000	NONE	9/13/88	R
					1			
88.73909	JRB	C	AM-241	09999	50S	9/09/88		W579
TDF	RAS	R		5.6000	0.9000	NCI/G	9/15/88	R
					1			
88.73909	JRB	C	AM-241	09999	50S	9/09/88		W579
TDF	RAS	R		4.7000	0.6000	NCI/G	9/15/88	R
					1			
88.73909	JRB	C	PU-239	09999	50S	9/09/88		W579
TDF	RAS	R		20.0000	2.0000	NCI/G	9/15/88	R
					1			
88.73909	JRB	C	PU-239	09999	50S	9/09/88		W579
TDF	RAS	R		20.0000	2.0000	NCI/G	9/15/88	R
					1			
88.73909	JRB	C	PU-238	09999	50S	9/09/88		W579
TDF	RAS	R		6.6000	0.8000	NCI/G	9/15/88	R
					1			
88.73909	JRB	C	PU-238	09999	50S	9/09/88		W579
TDF	RAS	R		7.2000	0.8000	NCI/G	9/15/88	R
					1			
88.73909	JRB	C	U-235	09999	50S	9/09/88		W579
TDF	RAS	R		8.0000	14.0000	PCI/G	9/15/88	R
					1			
88.73909	JRB	C	U-235	09999	50S	9/09/88		W579
TDF	RAS	R		1.0000	12.0000	PCI/G	9/15/88	R
					1			
88.73909	JRB	C	U-234	09999	50S	9/09/88		W579
TDF	RAS	R		230.0000	45.0000	PCI/G	9/15/88	R
					1			
88.73909	JRB	C	U-234	09999	50S	9/09/88		W579
TDF	RAS	R		270.0000	50.0000	PCI/G	9/15/88	R
					1			
88.73909	JRB	C	TL	09999	50S	9/09/88		W579
TMF	FAA	<		2.0000	0.0000	UG/L	11/15/88	R
					1			
88.73909	JRB	WE	BA	09999	50S	9/09/88		W579
MCW	FAA	<		0.1000	0.0000	MG/L	12/14/88	R
					1			
88.73909	JRB	WE	CD	09999	50S	9/09/88		W579
MCW	FAA			8.0000	1.0000	UG/L	12/14/88	R

						1				
88.73909	JRB	WE	CD		09999	50S		9/09/88		W579
MCW	FAA				10.0000	1.0000	UG/L		12/14/88	R
						1				
88.73909	JRB	WE	HG		09999	50S		9/09/88		W579
TMF	CVAA			<	0.2000	0.0000	UG/L		12/14/88	R
						1				
88.73909	JRB	WE	NI		09999	50S		9/09/88		W579
MCW	FAA				0.1400	0.0400	MG/L		12/14/88	R
						1				
88.73909	JRB	WE	PB		09999	50S		9/09/88		W579
MCW	FAA			<	0.1000	0.0000	MG/L		12/14/88	R
						1				
88.73909	JRB	WE	SE		09999	50S		9/09/88		W579
MCW	ETVAA			<	1.0000	0.0000	UG/L		12/14/88	R
						1				
88.73909	JRB	WE	AS		09999	50S		9/09/88		W579
MCW	ETVAA			<	2.0000	0.0000	UG/L		12/14/88	R
						1				
88.73909	JRB	WE	AG		09999	50S		9/09/88		W579
MCW	FAA				0.0030	0.0030	MG/L		12/14/88	R
						1				
88.73909	JRB	WE	AG		09999	50S		9/09/88		W579
MCW	FAA				0.0030	0.0030	MG/L		12/14/88	R
						1				
88.73909	JRB	WE	BA		09999	50S		9/09/88		W579
MCW	FAA			<	0.1000	0.0000	MG/L		12/14/88	R
						1				
88.73909	JRB	WE	HG		09999	50S		9/09/88		W579
TMF	CVAA			<	0.2000	0.0000	UG/L		12/14/88	R
						1				
88.73909	JRB	WE	NI		09999	50S		9/09/88		W579
MCW	FAA				0.1400	0.0400	MG/L		12/14/88	R
						1				
88.73909	JRB	WE	PB		09999	50S		9/09/88		W579
MCW	FAA			<	0.1000	0.0000	MG/L		12/14/88	R
						1				
88.73909	JRB	WE	SE		09999	50S		9/09/88		W579
MCW	ETVAA			<	1.0000	0.0000	UG/L		12/14/88	R
						1				
88.73909	JRB	WE	AS		09999	50S		9/09/88		W579
MCW	ETVAA			<	2.0000	0.0000	UG/L		12/14/88	R
						1				

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SAMPLE NUM	OWNER	MATRIX	ANALYSIS	REQUEST NUM	REQUESTOR	REQUEST DATE	DUE DATE	PROJECT NUM
88.73910	JRB	C	ALPHA	09999	50S	10/24/88		W579
JL	PC		104.0000	1.0000	NCI/G		10/26/88	R
				1				
88.73910	JRB	C	AM-241	09999	50S	10/24/88		W579
TDF	GELI		26.0000	4.0000	NCI/G		10/31/88	R
				1				
88.73910	JRB	C	%SOLIDS	09999	50S	10/24/88		W579
TDF	GRAV		34.3000	0.7000	NONE		10/31/88	R
				1				
88.73910	JRB	C	PU-238	09999	50S	10/24/88		W579
TDF	RAS	R	14.0000	2.0000	NCI/G		11/02/88	R
				1				
88.73910	JRB	C	PU-238	09999	50S	10/24/88		W579
TDF	RAS	R	14.0000	2.0000	NCI/G		11/02/88	R
				1				
88.73910	JRB	C	PU-239	09999	50S	10/24/88		W579
TDF	RAS	R	50.0000	5.0000	NCI/G		11/02/88	R
				1				
88.73910	JRB	C	PU-239	09999	50S	10/24/88		W579
TDF	RAS	R	51.0000	5.0000	NCI/G		11/02/88	R
				1				
88.73910	JRB	C	U-235	09999	50S	10/24/88		W579
TDF	RAS	R	50.0000	80.0000	PCI/G		11/02/88	R
				1				
88.73910	JRB	C	U-235	09999	50S	10/24/88		W579
TDF	RAS	R	30.0000	60.0000	PCI/G		11/02/88	R
				1				
88.73910	JRB	C	U-234	09999	50S	10/24/88		W579
TDF	RAS	R	800.0000	130.0000	PCI/G		11/02/88	R
				1				
88.73910	JRB	C	U-234	09999	50S	10/24/88		W579
TDF	RAS	R	730.0000	120.0000	PCI/G		11/02/88	R
				1				

REPORT NUMBER	SAMPLE NUM	OWNER	MATRIX	ANALYSIS	REQUEST NUM	BATCH	REQUEST DATE	DUE DATE
	88.73910	JRB	C	AG	09999	50S	10/24/88	
W579	MCW	FAA	R		0.0280	0.0030	MG/L	1/20/89
R			A000029	125			1	
88.73910								
	88.73910	JRB	C	AG	09999	50S	10/24/88	
W579	MCW	FAA	R		0.0290	0.0030	MG/L	1/20/89
R			A000029	125			1	
88.73910								
	88.73910	JRB	C	SE	09999	50S	10/24/88	
W579	TMF	ETVAA	<		1.0000	0.0000	UG/L	1/20/89
R			A06864	17			1	
88.73910								
	88.73910	JRB	C	SE	09999	50S	10/24/88	
W579	TMF	ETVAA	<		1.0000	0.0000	UG/L	1/20/89
R			A06864	17			1	
88.73910								
	88.73910	JRB	C	AS	09999	50S	10/24/88	
W579	TMF	ETVAA	<		2.0000	0.0000	UG/L	1/20/89
R			A06864	17			1	

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88.73910
      88.73910  JRB   C     AS          09999  50S         10/24/88
 W579     TMF     ETVAA     <          2.0000     0.0000  UG/L          1/20/89
  R                    A06864   17                                   1
88.73910
      88.73910  JRB   C     CR          09999  50S         10/24/88
 W579     TMF     ETVAA               22.0000     4.0000  UG/L          1/20/89
  R                    A000029  125                                   1
88.73910
      88.73910  JRB   C     HG          09999  50S         10/24/88
 W579     TMF     CVAA      <          0.2000     0.0000  UG/L          1/20/89
  R                    A001794  24                                    1
88.73910
      88.73910  JRB   C     HG          09999  50S         10/24/88
 W579     TMF     CVAA      <          0.2000     0.0000  UG/L          1/20/89
  R                    A001794  24                                    1
88.73910
      88.73910  JRB   C     NI          09999  50S         10/24/88
 W579     MCW     FAA       R          0.4100     0.0400  MG/L          1/20/89
  R                    A000212  32                                    1
88.73910
      88.73910  JRB   C     NI          09999  50S         10/24/88
 W579     MCW     FAA       R          0.4200     0.0400  MG/L          1/20/89
  R                    A000212  32                                    1
88.73910
      88.73910  JRB   C     BA          09999  50S         10/24/88
 W579     TMF     FAA       R          2.7000     0.3000  MG/L          1/30/89
  R                    000219   104                                   1
88.73910
      88.73910  JRB   C     BA          09999  50S         10/24/88
 W579     TMF     FAA       R          3.3000     0.3000  MG/L          1/30/89
  R                    000219   104                                   1
88.73910
      88.73910  JRB   C     CD          09999  50S         10/24/88
 W579     TMF     ETVAA               9.5000     1.0000  UG/L          1/30/89
  R                    000214   140                                   1
88.73910
      88.73910  JRB   C     PB          09999  50S         10/24/88
 W579     TMF     ETVAA               8.4000     1.0000  UG/L          1/30/89
  R                    000214   140                                   1
88.73910
      88.73910  JRB   C     TL          09999  50S         10/24/88
 W579     TMF     FAA       <          2.0000     0.0000  UG/L          1/30/89
  R                    A001794  24                                    1
88.73910
      88.73910  JRB   C     TL          09999  50S         10/24/88
 W579     TMF     FAA       <          2.0000     0.0000  UG/L          1/30/89
  R                    A001794  24                                    1
88.73910
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SAMPLE NUM	OWNER	MATRIX	ANALYSIS	REQUEST NUM	REQUESTOR	REQUEST DATE	DUE DATE	PROJECT NUM
88.73911	JRB	C	%SOLIDS	09999	50S	11/17/88		W579
TDF	GRAV		37.4000	0.8000	NONE	11/18/88		R
				1				
88.73911	JRB	C	AM-241	09999	50S	11/17/88		W579
TDF	GELI		465.0000	70.0000	NCI/G	11/18/88		R
				1				
88.73911	JRB	C	CS-137	09999	50S	11/17/88		W579
TDF	GELI		5.4000	2.7000	NCI/G	11/18/88		R
				1				
88.73911	JRB	C	SR-85	09999	50S	11/17/88		W579
TDF	GELI		10.0000	3.0000	NCI/G	11/18/88		R
				1				
88.73911	JRB	C	SE-75	09999	50S	11/17/88		W579
TDF	GELI		5.7000	2.3000	NCI/G	11/18/88		R
				1				
88.73911	JRB	C	SN-113	09999	50S	11/17/88		W579
TDF	GELI		44.0000	7.0000	NCI/G	11/18/88		R
				1				
88.73911	JRB	C	NB-95	09999	50S	11/17/88		W579
TDF	GELI		22.0000	4.0000	NCI/G	11/18/88		R
				1				
88.73911	JRB	C	AM-241	09999	50S	11/17/88		W579
TDF	NAI		515.0000	32.0000	NCI/G	11/18/88		R
				1				
88.73911	JRB	C	ALPHA	09999	50S	11/17/88		W579
TDF	PC		698.0000	5.0000	NCI/G	11/18/88		R
				1				
88.73911	JRB	C	ALPHA	09999	50S	11/17/88		W579
TDF	PC		711.0000	40.0000	NCI/G	11/18/88		R
				1				
88.73911	JRB	C	PU-239	09999	50S	11/17/88		W579
TDF	RAS	R	127.0000	113.0000	NCI/G	11/23/88		R
				1				
88.73911	JRB	C	PU-239	09999	50S	11/17/88		W579
TDF	RAS	R	113.0000	13.0000	NCI/G	11/23/88		R
				1				
88.73911	JRB	C	PU-238	09999	50S	11/17/88		W579
TDF	RAS	R	27.0000	4.0000	NCI/G	11/23/88		R
				1				
88.73911	JRB	C	PU-238	09999	50S	11/17/88		W579
TDF	RAS	R	27.0000	3.0000	NCI/G	11/23/88		R
				1				
88.73911	JRB	C	U-235	09999	50S	11/17/88		W579
TDF	RAS	R	30.0000	90.0000	PCI/G	11/23/88		R
				1				
88.73911	JRB	C	U-235	09999	50S	11/17/88		W579
TDF	RAS	R	30.0000	90.0000	PCI/G	11/23/88		R
				1				
88.73911	JRB	C	U-234	09999	50S	11/17/88		W579
TDF	RAS	R	670.0000	200.0000	PCI/G	11/23/88		R
				1				
88.73911	JRB	C	U-234	09999	50S	11/17/88		W579
TDF	RAS	R	530.0000	180.0000	PCI/G	11/23/88		R
				1				

REPORT	SAMPLE	REQUEST	REQUEST	DUE

NUMBER	NUM	OWNER	MATRIX	ANALYSIS	NUM	BATCH	DATE	DATE
	88.73911	JRB	C	AG	09999	50S	11/17/88	
W579	MCW	FAA	R		0.0410	0.0040	MG/L	1/20/89
R			A000029	125			1	
88.73911								
	88.73911	JRB	C	AG	09999	50S	11/17/88	
W579	MCW	FAA	R		0.0420	0.0040	MG/L	1/20/89
R			A000029	125			1	
88.73911								
	88.73911	JRB	C	AS	09999	50S	11/17/88	
W579	TMF	ETVAA	<		2.0000	0.0000	UG/L	1/20/89
R			A06864	17			1	
88.73911								
	88.73911	JRB	C	AS	09999	50S	11/17/88	
W579	TMF	ETVAA	<		2.0000	0.0000	UG/L	1/20/89
R			A06864	17			1	
88.73911								
	88.73911	JRB	C	SE	09999	50S	11/17/88	
W579	TMF	ETVAA	R		1.0000	1.0000	UG/L	1/20/89
R			A06864	17			1	
88.73911								
	88.73911	JRB	C	SE	09999	50S	11/17/88	
W579	TMF	ETVAA	<		1.0000	0.0000	UG/L	1/20/89
R			A06864	17			1	
88.73911								
	88.73911	JRB	C	CR	09999	50S	11/17/88	
W579	TMF	ETVAA	R		11.0000	2.0000	UG/L	1/20/89
R			A000029	125			1	
88.73911								
	88.73911	JRB	C	CR	09999	50S	11/17/88	
W579	TMF	ETVAA	R		8.0000	2.0000	UG/L	1/20/89
R			A000029	125			1	
88.73911								
	88.73911	JRB	C	HG	09999	50S	11/17/88	
W579	TMF	CVAA	R		9.0000	0.9000	UG/L	1/20/89
R			A001794	24			1	
88.73911								
	88.73911	JRB	C	HG	09999	50S	11/17/88	
W579	TMF	CVAA	R		8.6000	0.9000	UG/L	1/20/89
R			A001794	24			1	
88.73911								
	88.73911	JRB	C	NI	09999	50S	11/17/88	
W579	MCW	FAA	R		0.3500	0.0400	MG/L	1/20/89
R			A000212	32			1	
88.73911								
	88.73911	JRB	C	NI	09999	50S	11/17/88	
W579	MCW	FAA	R		0.3500	0.0400	MG/L	1/20/89
R			A000212	32			1	
88.73911								
	88.73911	JRB	C	TL	09999	50S	11/17/88	
W579	TMF	FAA	<		2.0000	0.0000	UG/L	1/30/89
R			A001794	24			1	
88.73911								
	88.73911	JRB	C	TL	09999	50S	11/17/88	
W579	TMF	FAA	<		2.0000	0.0000	UG/L	1/30/89
R			A001794	24			1	
88.73911								
	88.73911	JRB	C	PB	09999	50S	11/17/88	
W579	TMF	ETVAA	R		6.0000	1.0000	UG/L	1/30/89

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 R                    000214   140                                1
88.73911
       88.73911  JRB   C     PB          09999  50S         11/17/88
 W579     TMF     ETVAA     R          6.0000     1.0000  UG/L          1/30/89
 R                    000214   140                                1
88.73911
       88.73911  JRB   C     CD          09999  50S         11/17/88
 W579     TMF     ETVAA     R          9.5000     1.0000  UG/L          1/30/89
 R                    000214   140                                1
88.73911
       88.73911  JRB   C     CD          09999  50S         11/17/88
 W579     TMF     ETVAA     R          9.5000     1.0000  UG/L          1/30/89
 R                    000214   140                                1
88.73911
       88.73911  JRB   C     BA          09999  50S         11/17/88
 W579     TMF     FAA       <          1.0000     0.0000  MG/L          1/30/89
 R                    000219   104                                1
88.73911
       88.73911  JRB   C     BA          09999  50S         11/17/88
 W579     TMF     FAA       <          1.0000     0.0000  MG/L          1/30/89
 R                    000219   104                                1
88.73911
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REPORT NUMBER	SAMPLE NUM	OWNER	MATRIX	ANALYSIS	REQUEST NUM	BATCH	REQUEST DATE	DUE DATE
	89.73902	JRB	C	SOLIDS	09999	50S	2/07/89	
W579	TDF	GRAV			30.6000	0.6000	%	2/09/89
R			A001775	29			1	
89.73902								
	89.73902	JRB	C	AM-241	09999	50S	2/07/89	
W579	TDF	GELI			102.0000	15.0000	NCI/G	2/09/89
R			S12463	83			1	
89.73902								
	89.73902	JRB	C	CO-57	09999	50S	2/07/89	
W579	TDF	GELI			2.4000	0.5000	NCI/G	2/09/89
R			S12463	83			1	
89.73902								
	89.73902	JRB	C	CO-58	09999	50S	2/07/89	
W579	TDF	GELI			2.2000	0.6000	NCI/G	2/09/89
R			S12463	83			1	
89.73902								
	89.73902	JRB	C	CS-137	09999	50S	2/07/89	
W579	TDF	GELI			850.0000	540.0000	PCI/G	2/09/89
R			S12463	83			1	
89.73902								
	89.73902	JRB	C	MN-54	09999	50S	2/07/89	
W579	TDF	GELI			1.7000	0.5000	NCI/G	2/09/89
R			S12463	83			1	
89.73902								
	89.73902	JRB	C	SR-85	09999	50S	2/07/89	
W579	TDF	GELI			2.6000	0.8000	NCI/G	2/09/89
R			S12463	83			1	
89.73902								
	89.73902	JRB	C	SE-75	09999	50S	2/07/89	
W579	TDF	GELI			2.1000	0.6000	NCI/G	2/09/89
R			S12463	83			1	
89.73902								
	89.73902	JRB	C	NB-95	09999	50S	2/07/89	
W579	TDF	GELI			4.5000	0.7000	NCI/G	2/09/89
R			S12463	83			1	
89.73902								
	89.73902	JRB	C	Y-88	09999	50S	2/07/89	
W579	TDF	GELI			20.0000	3.0000	NCI/G	2/09/89
R			S12463	83			1	
89.73902								
	89.73902	JRB	C	ZN-65	09999	50S	2/07/89	
W579	TDF	GELI			3.2000	1.6000	NCI/G	2/09/89
R			S12463	83			1	
89.73902								
	89.73902	JRB	C	ZR-88	09999	50S	2/07/89	
W579	TDF	GELI			15.0000	2.0000	NCI/G	2/09/89
R			S12463	83			1	
89.73902								
	89.73902	JRB	C	ALPHA	09999	50S	2/07/89	
W579	JL	PC			191.0000	3.0000	NCI/G	2/09/89
R			A 5645	26			1	
89.73902								
	89.73902	JRB	C	PU-239	09999	50S	2/07/89	
W579	TDF	RAS		R	54.0000	6.0000	NCI/G	2/09/89
R			A6464	5			1	
89.73902								

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        89.73902  JRB   C     PU-239      09999  50S          2/07/89
 W579     TDF     RAS       R          54.0000     6.0000  NCI/G        2/09/89
  R                     A6464    5                                   1
 89.73902
        89.73902  JRB   C     PU-238      09999  50S          2/07/89
 W579     TDF     RAS       R          20.0000     3.0000  NCI/G        2/09/89
  R                     A6464    5                                   1
 89.73902
        89.73902  JRB   C     PU-238      09999  50S          2/07/89
 W579     TDF     RAS       R          21.0000     3.0000  NCI/G        2/09/89
  R                     A6464    5                                   1
 89.73902
        89.73902  JRB   C     U-235       09999  50S          2/07/89
 W579     TDF     RAS       <          40.0000     0.0000  PCI/G        2/14/89
  R                     A6464    6                                   1
 89.73902
        89.73902  JRB   C     U-235       09999  50S          2/07/89
 W579     TDF     RAS       <          30.0000     0.0000  PCI/G        2/14/89
  R                     A6464    6                                   1
 89.73902
        89.73902  JRB   C     U-234       09999  50S          2/07/89
 W579     TDF     RAS       R         660.0000   130.0000  PCI/G        2/14/89
  R                     A6464    6                                   1
 89.73902
        89.73902  JRB   C     U-234       09999  50S          2/07/89
 W579     TDF     RAS       R         610.0000   120.0000  PCI/G        2/14/89
  R                     A6464    6                                   1
 89.73902
        89.73902  JRB   C     AG          09999  50S          2/07/89
 W579     MCW     FAA       R          26.0000     3.0000  UG/L         4/24/89
  R                     A000029  139  272.1                            1
 89.73902
        89.73902  JRB   C     AG          09999  50S          2/07/89
 W579     MCW     FAA       R          27.0000     3.0000  UG/L         4/24/89
  R                     A000029  139  272.1                            1
 89.73902
        89.73902  JRB   C     AS          09999  50S          2/07/89
 W579     TMF     ETVAA     R           4.3000     2.0000  UG/L         4/24/89
  R                     A06864   26   206.2                            1
 89.73902
        89.73902  JRB   C     AS          09999  50S          2/07/89
 W579     TMF     ETVAA     R           4.3000     2.0000  UG/L         4/24/89
  R                     A06864   26   206.2                            1
 89.73902
        89.73902  JRB   C     SE          09999  50S          2/07/89
 W579     TMF     ETVAA     R           1.0000     1.0000  UG/L         4/24/89
  R                     A06864   26   270.2                            1
 89.73902
        89.73902  JRB   C     SE          09999  50S          2/07/89
 W579     TMF     ETVAA     <           1.0000     0.0000  UG/L         4/24/89
  R                     A06864   26   270.2                            1
 89.73902
        89.73902  JRB   C     HG          09999  50S          2/07/89
 W579     TMF     CVAA      R           0.3600     0.2000  UG/L         4/24/89
  R                     A06864   21   245.1                            1
 89.73902
        89.73902  JRB   C     HG          09999  50S          2/07/89
 W579     TMF     CVAA      R           0.2800     0.2000  UG/L         4/24/89
  R                     A06864   21   245.1                            1
 89.73902
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      89.73902  JRB   C     BA          09999  50S          2/07/89
 W579     TMF     FAA       R          0.4700     0.1000  MG/L          4/24/89
  R                    000219   111  208.1                          1
 89.73902
      89.73902  JRB   C     BA          09999  50S          2/07/89
 W579     TMF     FAA       R          0.4400     0.1000  MG/L          4/24/89
  R                    000219   111  208.1                          1
 89.73902
      89.73902  JRB   C     CD          09999  50S          2/07/89
 W579     TMF     FAA       <          5.0000     0.0000  UG/L          4/24/89
  R                    000214   143  213.2                          1
 89.73902
      89.73902  JRB   C     CD          09999  50S          2/07/89
 W579     TMF     ETVAA     <          5.0000     0.0000  UG/L          4/24/89
  R                    000214   143  213.2                          1
 89.73902
      89.73902  JRB   C     CR          09999  50S          2/07/89
 W579     TMF     FAA       R         58.0000     6.0000  UG/L          4/24/89
  R                    A000029  135  218.2                          1
 89.73902
      89.73902  JRB   C     CR          09999  50S          2/07/89
 W579     TMF     FAA       R         60.0000     6.0000  UG/L          4/24/89
  R                    A000029  135  218.2                          1
 89.73902
      89.73902  JRB   C     PB          09999  50S          2/07/89
 W579     TMF     FAA       R          0.2100     0.0200  MG/L          4/24/89
  R                    000214   143  239.1                          1
 89.73902
      89.73902  JRB   C     PB          09999  50S          2/07/89
 W579     TMF     FAA       R          0.2200     0.0200  MG/L          4/24/89
  R                    000214   143  239.1                          1
 89.73902
      89.73902  JRB   C     TL          09999  50S          2/07/89
 W579     TMF     FAA       <          1.0000     0.0000  UG/L          4/24/89
  R                    000214   143  279.2                          1
 89.73902
      89.73902  JRB   C     TL          09999  50S          2/07/89
 W579     TMF     FAA       <          1.0000     0.0000  UG/L          4/24/89
  R                    A001794  27   279.2                          1
 89.73902
      89.73902  JRB   WW    NI          09999  50S          2/07/89
 W579     MCW     FAA                  0.6300     0.0600  MG/L          5/13/89
  R                                                        1
 89.73902
      89.73902  JRB   WW    NI          09999  50S          2/07/89
 W579     MCW     FAA                  0.6000     0.0600  MG/L          5/13/89
  R                                                        1
 89.73902
      89.73902  JRB   C     BA          09999  50S          2/07/89
 W579     JDM     ICPES                0.1800     0.0200  MG/L          5/16/89
  R                    12460    42   9999                           1
 89.73902
      89.73902  JRB   C     %SOLIDS     09999  50S          2/07/89
 W579     TDF     GRAV                30.6000     0.6000  %             2/09/89
  R                    A001775  29                                     1
 89.73902
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REPORT NUMBER	SAMPLE NUM	OWNER	MATRIX	ANALYSIS	REQUEST NUM	BATCH	REQUEST DATE	DUE DATE
	89.73903	JRB	C	AM-241	09999	50S	3/14/89	
W579	TDF	GELI			43.0000	7.0000	NCI/G	3/15/89
R			S12463	120			1	
89.73903								
	89.73903	JRB	C	CO-56	09999	50S	3/14/89	
W579	TDF	GELI			920.0000	470.0000	PCI/G	3/15/89
R			S12463	120			1	
89.73903								
	89.73903	JRB	C	CO-57	09999	50S	3/14/89	
W579	TDF	GELI			3.1000	0.6000	NCI/G	3/15/89
R			S12463	120			1	
89.73903								
	89.73903	JRB	C	CO-58	09999	50S	3/14/89	
W579	TDF	GELI			1.7000	0.5000	NCI/G	3/15/89
R			S12463	120			1	
89.73903								
	89.73903	JRB	C	CO-60	09999	50S	3/14/89	
W579	TDF	GELI			810.0000	450.0000	PCI/G	3/15/89
R			S12463	120			1	
89.73903								
	89.73903	JRB	C	CS-137	09999	50S	3/14/89	
W579	TDF	GELI			1.6000	0.6000	NCI/G	3/15/89
R			S12463	120			1	
89.73903								
	89.73903	JRB	C	MN-54	09999	50S	3/14/89	
W579	TDF	GELI			3.3000	0.5000	NCI/G	3/15/89
R			S12463	120			1	
89.73903								
	89.73903	JRB	C	SR-85	09999	50S	3/14/89	
W579	TDF	GELI			2.7000	0.8000	NCI/G	3/15/89
R			S12463	120			1	
89.73903								
	89.73903	JRB	C	SE-75	09999	50S	3/14/89	
W579	TDF	GELI			2.7000	0.8000	NCI/G	3/15/89
R			S12463	120			1	
89.73903								
	89.73903	JRB	C	NB-95	09999	50S	3/14/89	
W579	TDF	GELI			2.1000	0.6000	NCI/G	3/15/89
R			S12463	120			1	
89.73903								
	89.73903	JRB	C	Y-88	09999	50S	3/14/89	
W579	TDF	GELI			17.0000	3.0000	NCI/G	3/15/89
R			S12463	120			1	
89.73903								
	89.73903	JRB	C	ZR-88	09999	50S	3/14/89	
W579	TDF	GELI			5.6000	0.8000	NCI/G	3/15/89
R			S12463	120			1	
89.73903								
	89.73903	JRB	C	SOLIDS	09999	50S	3/14/89	
W579	TDF	GRAV			29.0000	0.6000	%	3/15/89
R			A001775	29			1	
89.73903								
	89.73903	JRB	C	ALPHA	09999	50S	3/14/89	
W579	JL	PC			140.0000	2.0000	NCI/G	3/15/89
R			A5645	28			1	
89.73903								

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        89.73903  JRB   C     PU-239      09999  50S          3/14/89
 W579     TDF     RAS       R          69.0000     8.0000  NCI/G        3/16/89
  R                     A6464    15                                  1
89.73903
        89.73903  JRB   C     PU-239      09999  50S          3/14/89
 W579     TDF     RAS       R          72.0000     8.0000  NCI/G        3/16/89
  R                     A6464    15                                  1
89.73903
        89.73903  JRB   C     PU-238      09999  50S          3/14/89
 W579     TDF     RAS       R          15.0000     2.0000  NCI/G        3/16/89
  R                     A6464    15                                  1
89.73903
        89.73903  JRB   C     PU-238      09999  50S          3/14/89
 W579     TDF     RAS       R          16.0000     2.0000  NCI/G        3/16/89
  R                     A6464    15                                  1
89.73903
        89.73903  JRB   C     U-234       09999  50S          3/14/89
 W579     TDF     RAS       R         320.0000   300.0000  PCI/G        3/16/89
  R                     A6464    16                                  1
89.73903
        89.73903  JRB   C     U-234       09999  50S          3/14/89
 W579     TDF     RAS       <         330.0000     0.0000  PCI/G        3/16/89
  R                     A6464    16                                  1
89.73903
        89.73903  JRB   C     U-235       09999  50S          3/14/89
 W579     TDF     RAS       <         100.0000     0.0000  PCI/G        3/16/89
  R                     A6464    16                                  1
89.73903
        89.73903  JRB   C     U-235       09999  50S          3/14/89
 W579     TDF     RAS       <         110.0000     0.0000  PCI/G        3/16/89
  R                     A6464    16                                  1
89.73903
        89.73903  JRB   C     HG          09999  50S          3/14/89
 W579     TMF     CVAA      R           2.0000     0.2000  UG/L         5/04/89
  R                     A06864   28   245.1                           1
89.73903
        89.73903  JRB   C     HG          09999  50S          3/14/89
 W579     TMF     CVAA      R           2.3000     0.2000  UG/L         5/04/89
  R                     A06864   28   245.1                           1
89.73903
        89.73903  JRB   C     NI          09999  50S          3/14/89
 W579     MCW     FAA       R           0.6300     0.0600  MG/L         5/04/89
  R                     A000212  35   249.1                           1
89.73903
        89.73903  JRB   C     NI          09999  50S          3/14/89
 W579     MCW     FAA       R           0.6000     0.0600  MG/L         5/04/89
  R                     A000212  35   249.1                           1
89.73903
        89.73903  JRB   C     BA          09999  50S          3/14/89
 W579     JDM     ICPES                 0.3300     0.0300  MG/L         5/22/89
  R                     12460    46   6010                            1
89.73903
        89.73903  JRB   C     BA          09999  50S          3/14/89
 W579     JDM     ICPES     R           0.3200     0.0300  MG/L         5/22/89
  R                     12460    46   6010                            1
89.73903
        89.73903  JRB   C     AS          09999  50S          3/14/89
 W579     TMF     ETVAA     <           2.0000     0.0000  UG/L         6/06/89
  R                     A06864   29   206.2                           1
89.73903
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89.73903 JRB C AS 09999 50S 3/14/89
W579 TMF ETVAA < 2.0000 0.0000 UG/L 6/06/89
R A06864 29 206.2 1
89.73903

89.73903 JRB C BA 09999 50S 3/14/89
W579 TMF FAA R 2.4000 0.2000 MG/L 6/06/89
R A000219 110 208.1 1
89.73903

89.73903 JRB C BA 09999 50S 3/14/89
W579 TMF FAA R 2.4000 0.2000 MG/L 6/06/89
R A000219 110 208.1 1
89.73903

89.73903 JRB C CD 09999 50S 3/14/89
W579 TMF FAA R 20.0000 2.0000 UG/L 6/06/89
R 000214 150 213.2 1
89.73903

89.73903 JRB C CD 09999 50S 3/14/89
W579 TMF ETVAA R 20.0000 2.0000 UG/L 6/06/89
R 000214 150 1
89.73903

89.73903 JRB C CR 09999 50S 3/14/89
W579 TMF FAA R 69.0000 7.0000 UG/L 6/06/89
R A000029 140 218.2 1
89.73903

89.73903 JRB C CR 09999 50S 3/14/89
W579 TMF ETVAA R 71.0000 7.0000 UG/L 6/06/89
R A000029 140 218.2 1
89.73903

89.73903 JRB C PB 09999 50S 3/14/89
W579 TMF FAA R 0.2800 0.1000 MG/L 6/06/89
R A000214 150 239.1 1
89.73903

89.73903 JRB C PB 09999 50S 3/14/89
W579 TMF FAA R 0.2900 0.1000 MG/L 6/06/89
R A000214 150 239.1 1
89.73903

89.73903 JRB C SE 09999 50S 3/14/89
W579 TMF ETVAA < 1.0000 0.0000 UG/L 6/06/89
R A06864 29 270.2 1
89.73903

89.73903 JRB C SE 09999 50S 3/14/89
W579 TMF ETVAA < 1.0000 0.0000 UG/L 6/06/89
R A06864 29 270.2 1
89.73903

89.73903 JRB C TL 09999 50S 3/14/89
W579 TMF FAA < 2.0000 0.0000 UG/L 6/06/89
R A001794 28 279.2 1
89.73903

89.73903 JRB C TL 09999 50S 3/14/89
W579 TMF FAA < 2.0000 0.0000 UG/L 6/06/89
R A001794 28 279.2 1
89.73903

89.73903 JRB C AG 09999 50S 3/14/89
W579 MCW FAA R 0.0360 0.0040 MG/L 6/06/89
R A000029 130 272.1 1
89.73903

89.73903 JRB C AG 09999 50S 3/14/89
W579 MCW FAA R 0.0420 0.0040 MG/L 6/06/89
R A000029 130 272.1 1
89.73903

REPORT NUMBER	SAMPLE NUM	OWNER	MATRIX	ANALYSIS	REQUEST NUM	BATCH	REQUEST DATE	DUE DATE
	89.73904	JRB	C	ALPHA	09999	50S	5/04/89	
W579	JL	PC			146.0000	2.0000	NCI/G	5/08/89
R			A5645	32			1	
89.73904								
	89.73904	JRB	C	AM-241	09999	50S	5/04/89	
W579	TDF	GELI			58.0000	9.0000	NCI/G	5/10/89
R			A6466	18			1	
89.73904								
	89.73904	JRB	C	CO-60	09999	50S	5/04/89	
W579	TDF	GELI			1.6000	0.6000	NCI/G	5/10/89
R			A6466	18			1	
89.73904								
	89.73904	JRB	C	CS-137	09999	50S	5/04/89	
W579	TDF	GELI			1.3000	0.5000	NCI/G	5/10/89
R			A6466	18			1	
89.73904								
	89.73904	JRB	C	MN-54	09999	50S	5/04/89	
W579	TDF	GELI			800.0000	440.0000	PCI/G	5/10/89
R			A6466	18			1	
89.73904								
	89.73904	JRB	C	SR-85	09999	50S	5/04/89	
W579	TDF	GELI			1.1000	0.6000	NCI/G	5/10/89
R			A6466	18			1	
89.73904								
	89.73904	JRB	C	SOLIDS	09999	50S	5/04/89	
W579	TDF	GRAV			33.1000	0.7000	%	5/10/89
R			A001775	29			1	
89.73904								
	89.73904	JRB	C	ZR-88	09999	50S	5/04/89	
W579	TDF	GELI			1.2000	0.4000	NCI/G	5/10/89
R			A6466	18			1	
89.73904								
	89.73904	JRB	C	PU-239	09999	50S	5/04/89	
W579	TDF	RAS		R	81.0000	9.0000	NCI/G	5/11/89
R			A6464	30			1	
89.73904								
	89.73904	JRB	C	PU-239	09999	50S	5/04/89	
W579	TDF	RAS		R	80.0000	9.0000	NCI/G	5/11/89
R			A6464	30			1	
89.73904								
	89.73904	JRB	C	PU-238	09999	50S	5/04/89	
W579	TDF	RAS		R	23.0000	3.0000	NCI/G	5/11/89
R			A6464	30			1	
89.73904								
	89.73904	JRB	C	PU-238	09999	50S	5/04/89	
W579	TDF	RAS		R	22.0000	3.0000	NCI/G	5/11/89
R			A6464	30			1	
89.73904								
	89.73904	JRB	C	U-235	09999	50S	5/04/89	
W579	TDF	RAS		R	26.0000	19.0000	PCI/G	5/17/89
R			A6464	32			1	
89.73904								
	89.73904	JRB	C	U-235	09999	50S	5/04/89	
W579	TDF	RAS		R	60.0000	24.0000	PCI/G	5/17/89
R			A6464	32			1	
89.73904								

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        89.73904  JRB   C     U-234       09999  50S          5/04/89
 W579     TDF     RAS       R        830.0000   110.0000  PCI/G        5/17/89
  R                    A6464    32                                  1
 89.73904
        89.73904  JRB   C     U-234       09999  50S          5/04/89
 W579     TDF     RAS       R          1.0000     0.1000  NCI/G        5/17/89
  R                    A6464    32                                  1
 89.73904
        89.73904  JRB   C     AS          09999  50S          5/04/89
 W579     TMF     ETVAA     R          3.0000     1.0000  UG/L         8/07/89
  R                    A6864    39   206.2                          1
 89.73904
        89.73904  JRB   C     AS          09999  50S          5/04/89
 W579     TMF     ETVAA     R          3.0000     1.0000  UG/L         8/07/89
  R                    A6864    39   206.2                          1
 89.73904
        89.73904  JRB   C     BA          09999  50S          5/04/89
 W579     TMF     FAA       R          0.7700     0.0800  MG/L         8/07/89
  R                    000219   114  208.1                          1
 89.73904
        89.73904  JRB   C     BA          09999  50S          5/04/89
 W579     TMF     FAA       R          0.8500     0.0900  MG/L         8/07/89
  R                    000219   114  208.1                          1
 89.73904
        89.73904  JRB   C     CD          09999  50S          5/04/89
 W579     TMF     FAA       R          7.0000     5.0000  UG/L         8/28/89
  R                    A7235    3    7130                           1
 89.73904
        89.73904  JRB   C     CD          09999  50S          5/04/89
 W579     TMF     FAA       <          5.0000     0.0000  UG/L         8/28/89
  R                    A7235    3    7130                           1
 89.73904
        89.73904  JRB   C     AG          09999  50S          5/04/89
 W579     TMF     FAA       R         18.0000     2.0000  UG/L         8/07/89
  R                    000029   152  272.1                          1
 89.73904
        89.73904  JRB   C     AG          09999  50S          5/04/89
 W579     TMF     FAA       R         15.0000     2.0000  UG/L         8/07/89
  R                    000029   152  272.1                          1
 89.73904
        89.73904  JRB   C     SE          09999  50S          5/04/89
 W579     TMF     ETVAA     <          1.0000     0.0000  UG/L         8/07/89
  R                    A6864    39   270.2                          1
 89.73904
        89.73904  JRB   C     SE          09999  50S          5/04/89
 W579     TMF     ETVAA     <          1.0000     0.0000  UG/L         8/07/89
  R                    A6864    39   270.2                          1
 89.73904
        89.73904  JRB   C     PB          09999  50S          5/04/89
 W579     TMF     FAA       <          0.0500     0.0000  MG/L         8/28/89
  R                    A7235    3    7420                           1
 89.73904
        89.73904  JRB   C     PB          09999  50S          5/04/89
 W579     TMF     FAA       <          0.0500     0.0000  MG/L         8/28/89
  R                    A7235    3    7420                           1
 89.73904
        89.73904  JRB   C     CR          09999  50S          5/04/89
 W579     TMF     FAA       R         22.0000     2.0000  UG/L         8/28/89
  R                    A000029  151  7190                           1
 89.73904
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      89.73904  JRB   C     CR          09999  50S          5/04/89
 W579     TMF     FAA       R          20.0000     2.0000  UG/L          8/28/89
  R                    A000029  151  7190                              1
89.73904
      89.73904  JRB   C     HG          09999  50S          5/04/89
 W579     TMF     CVAA      <           0.2000     0.0000  UG/L          8/28/89
  R                    A6864    41   7480                              1
89.73904
      89.73904  JRB   C     HG          09999  50S          5/04/89
 W579     TMF     CVAA      <           0.2000     0.0000  UG/L          8/28/89
  R                    A6864    41   7480                              1
89.73904
      89.73904  JRB   C     NI          09999  50S          5/04/89
 W579     TMF     FAA       R          51.0000    40.0000  UG/L          8/28/89
  R                    000212   37   7520                              1
89.73904
      89.73904  JRB   C     NI          09999  50S          5/04/89
 W579     TMF     FAA       R          48.0000    40.0000  UG/L          8/28/89
  R                    000212   37   7520                              1
89.73904
      89.73904  JRB   C     TL          09999  50S          5/04/89
 W579     TMF     ETVAA     R           1.0000     1.0000  UG/L          8/28/89
  R                    000212   31   7841                              1
89.73904
      89.73904  JRB   C     TL          09999  50S          5/04/89
 W579     TMF     ETVAA     R           1.5000     1.0000  UG/L          8/28/89
  R                    A1794    31                                     1
89.73904
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REPORT NUMBER	SAMPLE NUM	OWNER	MATRIX	ANALYSIS	REQUEST NUM	BATCH	REQUEST DATE	DUE DATE
	89.73906	JRB	C	AS	09999	50S	7/03/89	
W579	TMF	ETVAA	R		4.1000	1.0000	UG/L	10/11/89
R			A6864	53	7060		1	
89.73906								
	89.73906	JRB	C	AS	09999	50S	7/03/89	
W579	TMF	ETVAA	R		4.1000	1.0000	UG/L	10/11/89
R			A6864	53	7060		1	
89.73906								
	89.73906	JRB	C	BA	09999	50S	7/03/89	
W579	TMF	FAA	R		0.4100	0.1000	MG/L	10/11/89
R			000219	116	7080		1	
89.73906								
	89.73906	JRB	C	BA	09999	50S	7/03/89	
W579	TMF	FAA	R		0.4100	0.1000	MG/L	10/11/89
R			000219	116	7080		1	
89.73906								
	89.73906	JRB	C	BA	09999	50S	7/03/89	
W579	TMF	FAA	R		0.5000	0.6000	MG/L	10/11/89
R			000219	116	7080		1	
89.73906								
	89.73906	JRB	C	CD	09999	50S	7/03/89	
W579	TMF	FAA	R		0.2000	0.0200	MG/L	10/11/89
R			A7235	14	7130		1	
89.73906								
	89.73906	JRB	C	CD	09999	50S	7/03/89	
W579	TMF	FAA	R		0.2000	0.0200	MG/L	10/11/89
R			A7235	14	7130		1	
89.73906								
	89.73906	JRB	C	AM-241	09999	50S	7/03/89	
W579	TDF	GELI			23.0000	3.0000	NCI/G	7/06/89
R			A6466	73			1	
89.73906								
	89.73906	JRB	C	CS-137	09999	50S	7/03/89	
W579	TDF	GELI			1.0000	0.5000	NCI/G	7/06/89
R			A6466	73			1	
89.73906								
	89.73906	JRB	C	SR-85	09999	50S	7/03/89	
W579	TDF	GELI			1.1000	0.6000	NCI/G	7/06/89
R			A6466	73			1	
89.73906								
	89.73906	JRB	C	Y-88	09999	50S	7/03/89	
W579	TDF	GELI			1.8000	0.4000	NCI/G	7/06/89
R			A6466	73			1	
89.73906								
	89.73906	JRB	C	ZR-88	09999	50S	7/03/89	
W579	TDF	GELI			820.0000	470.0000	PCI/G	7/06/89
R			A6466	73			1	
89.73906								
	89.73906	JRB	C	SOLIDS	09999	50S	7/03/89	
W579	TDF	GRAV			26.2000	0.5000	%	7/06/89
R			A001775	30			1	
89.73906								
	89.73906	JRB	C	ALPHA	09999	50S	7/03/89	
W579	JL	PC			121.0000	2.0000	NCI/G	7/06/89
R			A5645	34			1	
89.73906								

89.73906 JRB C PU-239 09999 50S 7/03/89
W579 TDF RAS R 62.0000 7.0000 NCI/G 7/07/89
R A6464 48 1
89.73906

89.73906 JRB C PU-239 09999 50S 7/03/89
W579 TDF RAS R 67.0000 8.0000 NCI/G 7/07/89
R A6464 48 1
89.73906

89.73906 JRB C PU-238 09999 50S 7/03/89
W579 TDF RAS R 29.0000 4.0000 NCI/G 7/07/89
R A6464 48 1
89.73906

89.73906 JRB C PU-238 09999 50S 7/03/89
W579 TDF RAS R 27.0000 3.0000 NCI/G 7/07/89
R A6464 48 1
89.73906

89.73906 JRB C U-235 09999 50S 7/03/89
W579 TDF RAS R 17.0000 14.0000 PCI/G 7/11/89
R A6464 49 1
89.73906

89.73906 JRB C U-235 09999 50S 7/03/89
W579 TDF RAS R 51.0000 22.0000 PCI/G 7/11/89
R A6464 49 1
89.73906

89.73906 JRB C U-234 09999 50S 7/03/89
W579 TDF RAS R 420.0000 70.0000 PCI/G 7/11/89
R A6464 49 1
89.73906

89.73906 JRB C U-234 09999 50S 7/03/89
W579 TDF RAS R 540.0000 90.0000 PCI/G 7/11/89
R A6464 49 1
89.73906

89.73906 JRB C AG 09999 50S 7/03/89
W579 TMF FAA R 13.0000 3.0000 UG/L 10/11/89
R A6465 10 272.1 1
89.73906

89.73906 JRB C AG 09999 50S 7/03/89
W579 TMF FAA R 13.0000 3.0000 UG/L 10/11/89
R A6465 10 272.1 1
89.73906

89.73906 JRB C SE 09999 50S 7/03/89
W579 TMF ETVAA < 1.0000 0.0000 UG/L 10/11/89
R A6864 53 7740 1
89.73906

89.73906 JRB C SE 09999 50S 7/03/89
W579 TMF ETVAA < 1.0000 0.0000 UG/L 10/11/89
R A6864 53 7740 1
89.73906

89.73906 JRB C HG 09999 50S 7/03/89
W579 TMF CVAA < 0.2000 0.0000 UG/L 10/11/89
R A6864 41 7480 1
89.73906

89.73906 JRB C HG 09999 50S 7/03/89
W579 TMF CVAA < 0.2000 0.0000 UG/L 10/11/89
R A6864 41 7480 1
89.73906

89.73906 JRB C PB 09999 50S 7/03/89
W579 TMF FAA R 0.1200 0.0500 MG/L 10/11/89
R A7235 14 7420 1
89.73906

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        89.73906  JRB   C     PB          09999  50S          7/03/89
 W579     TMF     FAA       R          0.1100     0.0500  MG/L        10/11/89
  R                     A7235    14   7420                            1
89.73906
        89.73906  JRB   C     CR          09999  50S          7/03/89
 W579     TMF     FAA       R         68.0000    40.0000  UG/L        10/11/89
  R                     A6465     8   7190                            1
89.73906
        89.73906  JRB   C     CR          09999  50S          7/03/89
 W579     TMF     FAA       R         64.0000    40.0000  UG/L        10/11/89
  R                     A6465     8   7190                            1
89.73906
        89.73906  JRB   C     NI          09999  50S          7/03/89
 W579     TMF     FAA       R          0.0600     0.0400  MG/L        10/11/89
  R                     000212   37   7520                            1
89.73906
        89.73906  JRB   C     NI          09999  50S          7/03/89
 W579     TMF     FAA       R          0.0600     0.0400  MG/L        10/11/89
  R                     000212   37   7520                            1
89.73906
        89.73906  JRB   C     TL          09999  50S          7/03/89
 W579     TMF     ETVAA     R          1.0000     1.0000  UG/L        10/11/89
  R                     A1794    31   7841                            1
89.73906
        89.73906  JRB   C     TL          09999  50S          7/03/89
 W579     TMF     ETVAA     R          1.5000     1.0000  UG/L        10/11/89
  R                     A1794    31   7841                            1
89.73906
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REPORT NUMBER	SAMPLE NUM	OWNER	MATRIX	ANALYSIS	REQUEST NUM	BATCH	REQUEST DATE	DUE DATE
	89.73908	JRB	C	SOLIDS	09999	50S	9/11/89	
W579	TDF	GRAV			29.4000	0.6000	%	9/11/89
R			A001775	30			1	
89.73908								
	89.73908	JRB	C	ALPHA	09999	50S	9/11/89	
W579	JL	PC			162.0000	2.0000	NCI/G	9/11/89
R			A5645	38			1	
89.73908								
	89.73908	JRB	C	AM-241	09999	50S	9/11/89	
W579	TDF	GELI			44.0000	7.0000	NCI/G	9/11/89
R			A6466	126			1	
89.73908								
	89.73908	JRB	C	CO-57	09999	50S	9/11/89	
W579	TDF	GELI			3.3000	0.5000	NCI/G	9/11/89
R			A6466	126			1	
89.73908								
	89.73908	JRB	C	CO-58	09999	50S	9/11/89	
W579	TDF	GELI			7.7000	0.5000	NCI/G	9/11/89
R			A6466	126			1	
89.73908								
	89.73908	JRB	C	CO-60	09999	50S	9/11/89	
W579	TDF	GELI			790.0000	580.0000	PCI/G	9/11/89
R			A6466	126			1	
89.73908								
	89.73908	JRB	C	SR-85	09999	50S	9/11/89	
W579	TDF	GELI			2.5000	0.4000	NCI/G	9/11/89
R			A6466	126			1	
89.73908								
	89.73908	JRB	C	SE-75	09999	50S	9/11/89	
W579	TDF	GELI			3.0000	0.6000	NCI/G	9/11/89
R			A6466	126			1	
89.73908								
	89.73908	JRB	C	NB-95	09999	50S	9/11/89	
W579	TDF	GELI			8.2000	1.2000	NCI/G	9/11/89
R			A6466	126			1	
89.73908								
	89.73908	JRB	C	Y-88	09999	50S	9/11/89	
W579	TDF	GELI			14.0000	2.0000	NCI/G	9/11/89
R			A6466	126			1	
89.73908								
	89.73908	JRB	C	ZN-65	09999	50S	9/11/89	
W579	TDF	GELI			3.5000	1.7000	NCI/G	9/11/89
R			A6466	126			1	
89.73908								
	89.73908	JRB	C	ZR-88	09999	50S	9/11/89	
W579	TDF	GELI			15.0000	2.0000	NCI/G	9/11/89
R			A6466	126			1	
89.73908								
	89.73908	JRB	C	PU-239	09999	50S	9/11/89	
W579	TDF	RAS	R		88.0000	10.0000	NCI/G	9/12/89
R			A6464	67			1	
89.73908								
	89.73908	JRB	C	PU-239	09999	50S	9/11/89	
W579	TDF	RAS	R		80.0000	10.0000	NCI/G	9/12/89
R			A6464	67			1	
89.73908								

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      89.73908  JRB   C     PU-238      09999  50S          9/11/89
 W579     TDF     RAS       R          27.0000     3.0000  NCI/G        9/12/89
  R                    A6464    67                                  1
89.73908
      89.73908  JRB   C     PU-238      09999  50S          9/11/89
 W579     TDF     RAS       R          27.0000     3.0000  NCI/G        9/12/89
  R                    A6464    67                                  1
89.73908
      89.73908  JRB   C     U-235       09999  50S          9/11/89
 W579     TDF     RAS       R          50.0000    40.0000  PCI/G        9/15/89
  R                    A6464    68                                  1
89.73908
      89.73908  JRB   C     U-235       09999  50S          9/11/89
 W579     TDF     RAS       R         120.0000    60.0000  PCI/G        9/15/89
  R                    A6464    68                                  1
89.73908
      89.73908  JRB   C     U-234       09999  50S          9/11/89
 W579     TDF     RAS       R         810.0000   110.0000  PCI/G        9/15/89
  R                    A6464    68                                  1
89.73908
      89.73908  JRB   C     U-234       09999  50S          9/11/89
 W579     TDF     RAS       R         980.0000   130.0000  PCI/G        9/15/89
  R                    A6464    68                                  1
89.73908
      89.73908  CMJ   C     HG          09999  50S          9/11/89
 WA45     MAB     CVAA      <           0.2000     0.0000  UG/L        12/14/89
  R                    A6863     4    7480                            1
89.73908
      89.73908  CMJ   C     HG          09999  50S          9/11/89
 WA45     MAB     CVAA      <           0.2000     0.0000  UG/L        12/14/89
  R                    A6863     4    7480                            1
89.73908
      89.73908  JRB   C     SE          09999  50S          9/11/89
 WA45     TMF     ETVAA     <           1.0000     0.0000  UG/L        12/14/89
  R                    A6864    66    7740                            1
89.73908
      89.73908  JRB   C     SE          09999  50S          9/11/89
 WA45     TMF     ETVAA     <           1.0000     0.0000  UG/L        12/14/89
  R                    A6864    66    7740                            1
89.73908
      89.73908  JRB   C     AS          09999  50S          9/11/89
 WA45     TMF     ETVAA     R           4.9000     2.0000  UG/L        12/14/89
  R                    A6864    66    7060                            1
89.73908
      89.73908  JRB   C     AS          09999  50S          9/11/89
 WA45     TMF     ETVAA     R           5.1000     2.0000  UG/L        12/14/89
  R                    A6864    66    7060                            1
89.73908
      89.73908  JRB   C     AG          09999  50S          9/11/89
 WA45     TMF     FAA       R          23.0000     3.0000  UG/L        12/14/89
  R                    A6465    14    7760                            1
89.73908
      89.73908  JRB   C     AG          09999  50S          9/11/89
 WA45     TMF     FAA       R          19.0000     3.0000  UG/L        12/14/89
  R                    A6465    14    7760                            1
89.73908
      89.73908  JRB   C     BA          09999  50S          9/11/89
 WA45     TMF     FAA       R           2.8000     0.3000  MG/L        12/14/89
  R                    000219   119    7080                            1
89.73908
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89.73908 JRB C BA 09999 50S 9/11/89
WA45 TMF FAA R 2.6000 0.3000 MG/L 12/14/89
R 000219 119 7080 1
89.73908
89.73908 JRB C CD 09999 50S 9/11/89
WA45 TMF ETVAA R 0.2900 0.1000 UG/L 12/14/89
R A7235 14 7130 1
89.73908
89.73908 JRB C CD 09999 50S 9/11/89
WA45 TMF ETVAA R 0.1900 0.1000 UG/L 12/14/89
R A7235 14 7130 1
89.73908
89.73908 JRB C PB 09999 50S 9/11/89
WA45 TMF ETVAA 6.0000 1.0000 UG/L 12/14/89
R A7235 14 7420 1
89.73908
89.73908 JRB C CR 09999 50S 9/11/89
WA45 TMF ETVAA R 7.2000 1.0000 UG/L 12/14/89
R A6465 20. 7190 1
89.73908
89.73908 JRB C CR 09999 50S 9/11/89
WA45 TMF ETVAA R 7.0000 1.0000 UG/L 12/14/89
R A6465 20. 7190 1
89.73908
89.73908 JRB C NI 09999 50S 9/11/89
WA45 TMF FAA R 0.0610 0.0400 MG/L 12/14/89
R 000212 39 7520. 1
89.73908
89.73908 JRB C NI 09999 50S 9/11/89
WA45 TMF FAA 0.0560 0.0400 MG/L 12/14/89
R 000212 39 7520. 1
89.73908
89.73908 JRB C TL 09999 50S 9/11/89
WA45 TMF ETVAA < 1.0000 0.0000 UG/L 12/14/89
R A1794 33 7841 1
89.73908
89.73908 JRB C TL 09999 50S 9/11/89
WA45 TMF ETVAA R 1.0000 1.0000 UG/L 12/14/89
R A1794 33 7841 1
89.73908

REPORT NUMBER	SAMPLE NUM	OWNER	MATRIX	ANALYSIS	REQUEST NUM	BATCH	REQUEST DATE	DUE DATE
	89.73909	JRB	C	ALPHA	09999	50S	10/10/89	
WA45	JL	PC			245.0000	3.0000	NCI/G	10/12/89
R			A5645	40			1	
89.73909								
	89.73909	JRB	C	AM-241	09999	50S	10/10/89	
WA45	TDF	GELI			43.0000	6.0000	NCI/G	10/12/89
R			A6466	152			1	
89.73909								
	89.73909	JRB	C	CO-57	09999	50S	10/10/89	
WA45	TDF	GELI			5.6000	0.8000	NCI/G	10/12/89
R			A6466	152			1	
89.73909								
	89.73909	JRB	C	CO-58	09999	50S	10/10/89	
WA45	TDF	GELI			9.5000	1.4000	NCI/G	10/12/89
R			A6466	152			1	
89.73909								
	89.73909	JRB	C	CO-56	09999	50S	10/10/89	
WA45	TDF	GELI			2.9000	0.6000	NCI/G	10/12/89
R			A6466	152			1	
89.73909								
	89.73909	JRB	C	BE-7	09999	50S	10/10/89	
WA45	TDF	GELI			9.0000	5.0000	NCI/G	10/12/89
R			A6466	152			1	
89.73909								
	89.73909	JRB	C	CS-137	09999	50S	10/10/89	
WA45	TDF	GELI			950.0000	660.0000	PCI/G	10/12/89
R			A6466	152			1	
89.73909								
	89.73909	JRB	C	MN-54	09999	50S	10/10/89	
WA45	TDF	GELI			2.8000	0.8000	NCI/G	10/12/89
R			A6466	152			1	
89.73909								
	89.73909	JRB	C	SE-75	09999	50S	10/10/89	
WA45	TDF	GELI			4.7000	0.8000	NCI/G	10/12/89
R			A6466	152			1	
89.73909								
	89.73909	JRB	C	NB-95	09999	50S	10/10/89	
WA45	TDF	GELI			4.8000	0.8000	NCI/G	10/12/89
R			A6466	152			1	
89.73909								
	89.73909	JRB	C	Y-88	09999	50S	10/10/89	
WA45	TDF	GELI			62.0000	9.0000	NCI/G	10/12/89
R			A6466	152			1	
89.73909								
	89.73909	JRB	C	ZN-65	09999	50S	10/10/89	
WA45	TDF	GELI			9.8000	2.0000	NCI/G	10/12/89
R			A6466	152			1	
89.73909								
	89.73909	JRB	C	ZR-88	09999	50S	10/10/89	
WA45	TDF	GELI			49.0000	7.0000	NCI/G	10/12/89
R			A6466	152			1	
89.73909								
	89.73909	JRB	C	SOLIDS	09999	50S	10/10/89	
WA45	TDF	GELI			23.8000	0.4000	NONE	10/12/89
R			A001775	31			1	
89.73909								

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      89.73909  JRB   C     PU-239      09999  50S         10/10/89
 WA45     TDF     RAS       R          88.0000    10.0000  NCI/G       10/13/89
  R                    A6464    73                                   1
89.73909
      89.73909  JRB   C     PU-239      09999  50S         10/10/89
 WA45     TDF     RAS       R          96.0000    11.0000  NCI/G       10/13/89
  R                    A6464    73                                   1
89.73909
      89.73909  JRB   C     PU-238      09999  50S         10/10/89
 WA45     TDF     RAS       R          76.0000     9.0000  NCI/G       10/13/89
  R                    A6464    73                                   1
89.73909
      89.73909  JRB   C     PU-238      09999  50S         10/10/89
 WA45     TDF     RAS       R          68.0000     8.0000  NCI/G       10/13/89
  R                    A6464    73                                   1
89.73909
      89.73909  JRB   C     U-235       09999  50S         10/10/89
 WA45     TDF     RAS       R          30.0000    30.0000  PCI/G       10/18/89
  R                    A6464    75   0                               1
89.73909
      89.73909  JRB   C     U-235       09999  50S         10/10/89
 WA45     TDF     RAS       R          33.0000    30.0000  PCI/G       10/18/89
  R                    A6464    75   0                               1
89.73909
      89.73909  JRB   C     U-234       09999  50S         10/10/89
 WA45     TDF     RAS       R         710.0000   100.0000  PCI/G       10/18/89
  R                    A6464    75   0                               1
89.73909
      89.73909  JRB   C     U-234       09999  50S         10/10/89
 WA45     TDF     RAS       R         700.0000   100.0000  PCI/G       10/18/89
  R                    A6464    75   0                               1
89.73909

REPORT  SAMPLE                          REQUEST            REQUEST    DUE
NUMBER   NUM    OWNER MATRIX  ANALYSIS   NUM      BATCH      DATE      DATE

      89.73909  JRB   C     AG          09999              10/10/89
 WA45     MCW     FAA       <           3.0000     0.0000  UG/L        1/30/90
  R                    A6465    29   7760                            1
50S
      89.73909  JRB   C     AG          09999              10/10/89
 WA45     MCW     FAA       <           3.0000     0.0000  UG/L        1/30/90
  R                    A6465    29   7760                            1
50S
      89.73909  JRB   C     CD          09999              10/10/89
 WA45     MCW     ETVAA                 1.8000     0.4000  UG/L        1/30/90
  R                    A7235    24   7130                            1
50S
      89.73909  JRB   C     CD          09999              10/10/89
 WA45     MCW     ETVAA                 1.8000     0.4000  UG/L        1/30/90
  R                    A7235    24   7130                            1
50S
      89.73909  JRB   C     PB          09999              10/10/89
 WA45     MCW     ETVAA                36.0000     7.0000  UG/L        1/30/90
  R                    A7235    24   7420                            1
50S
      89.73909  JRB   C     PB          09999              10/10/89
 WA45     MCW     ETVAA                35.0000     7.0000  UG/L        1/30/90
  R                    A7235    24   7420                            1
50S
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      89.73909  JRB   C     CR          09999              10/10/89
 WA45    MCW    ETVAA                 46.0000     9.0000  UG/L          1/30/90
  R                    A6465    30   7190                          1
 50S
      89.73909  JRB   C     CR          09999              10/10/89
 WA45    MCW    ETVAA                 39.0000     8.0000  UG/L          1/30/90
  R                    A6465    30   7190                          1
 50S
      89.73909  JRB   C     NI          09999              10/10/89
 WA45    MCW    FAA                    0.4400     0.0400  MG/L          1/30/90
  R                    A000212  40   7520                          1
 50S
      89.73909  JRB   C     NI          09999              10/10/89
 WA45    MCW    FAA                    0.4400     0.0400  MG/L          1/30/90
  R                    A000212  40   7520                          1
 50S
      89.73909  JRB   C     HG          09999              10/10/89
 WA45    TMF    CVAA      <            0.2000     0.0000  UG/L          1/30/90
  R                    A6863    18   7480                          1
 50S
      89.73909  JRB   C     HG          09999              10/10/89
 WA45    TMF    CVAA      <            0.2000     0.0000  UG/L          1/30/90
  R                    A6863    18   7480                          1
 50S
      89.73909  JRB   C     AS          09999              10/10/89
 WA45    TMF    ETVAA                  5.6000     2.0000  UG/L          4/13/90
  R                    A6964    79   7060                          1
 50S         R
      89.73909  JRB   C     AS          09999              10/10/89
 WA45    TMF    ETVAA                  6.1000     2.0000  UG/L          4/13/90
  R                    A6964    79   7060                          1
 50S         R
      89.73909  JRB   C     SE          09999              10/10/89
 WA45    TMF    ETVAA     <            1.0000     0.0000  UG/L          4/13/90
  R                    A6964    79   7740                          1
 50S
      89.73909  JRB   C     SE          09999              10/10/89
 WA45    TMF    ETVAA     <            1.0000     0.0000  UG/L          4/13/90
  R                    A6964    79   7740                          1
 50S
      89.73909  JRB   C     TL          09999              10/10/89
 WA45    TMF    ETVAA     <            1.0000     0.0000  UG/L          4/13/90
  R                    A1794    36   7841                          1
 50S
      89.73909  JRB   C     TL          09999              10/10/89
 WA45    TMF    ETVAA     <            1.0000     0.0000  UG/L          4/13/90
  R                    A1794    36   7841                          1
 50S
      89.73909  JRB   C     BA          09999              10/10/89
 WA45    MCW    FAA                    2.2000     0.2000  MG/L          4/13/90
  R                    000219   120  7080                          1
 50S         R
      89.73909  JRB   C     BA          09999              10/10/89
 WA45    MCW    FAA                    2.4000     0.2000  MG/L          4/13/90
  R                    000219   120  7080                          1
 50S         R
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REPORT NUMBER	SAMPLE NUM	OWNER	MATRIX	ANALYSIS	REQUEST NUM	BATCH	REQUEST DATE	DUE DATE
	90.73901	JRB	C	SOLIDS	09999		1/11/90	
WA45	TDF	GRAV			26.0000	0.5000	%	1/18/90
R			A001775	31	0		1	
50S								
	90.73901	JRB	C	ALPHA	09999		1/11/90	
WA45	TDF	PC			153.0000	3.0000	NCI/G	1/18/90
R			A5645	46	0		1	
50S								
	90.73901	JRB	C	AM-241	09999		1/11/90	
WA45	TDF	GELI			49.0000	7.0000	NCI/G	1/18/90
R			S8207	86	0		1	
50S								
	90.73901	JRB	C	CS-137	09999		1/11/90	
WA45	TDF	GELI			3.3000	1.2000	NCI/G	1/18/90
R			S8207	86	0		1	
50S								
	90.73901	JRB	C	SE-75	09999		1/11/90	
WA45	TDF	GELI			4.5000	1.5000	NCI/G	1/18/90
R			S8207	86	0		1	
50S								
	90.73901	JRB	C	Y-88	09999		1/11/90	
WA45	TDF	GELI			8.6000	1.3000	NCI/G	1/18/90
R			S8207	86	0		1	
50S								
	90.73901	JRB	C	ZR-88	09999		1/11/90	
WA45	TDF	GELI			2.9000	1.5000	NCI/G	1/18/90
R			S8207	86	0		1	
50S								
	90.73901	JRB	C	PU-239	09999	0	1/11/90	
WA45	TDF	RAS			57.0000	7.0000	NCI/G	1/19/90
R			A6464	95	0		1	
50S	R							
	90.73901	JRB	C	PU-239	09999	0	1/11/90	
WA45	TDF	RAS			57.0000	7.0000	NCI/G	1/19/90
R			A6464	95	0		1	
50S	R							
	90.73901	JRB	C	PU-238	09999	0	1/11/90	
WA45	TDF	RAS			25.0000	3.0000	NCI/G	1/19/90
R			A6464	95	0		1	
50S	R							
	90.73901	JRB	C	PU-238	09999	0	1/11/90	
WA45	TDF	RAS			23.0000	3.0000	NCI/G	1/19/90
R			A6464	95	0		1	
50S	R							
	90.73901	JRB	C	U-235	09999		1/11/90	
WA45	TDF	RAS			6.0000	6.0000	PCI/G	1/23/90
R			A6464	97	0		1	
50S	R							
	90.73901	JRB	C	U-235	09999		1/11/90	
WA45	TDF	RAS			15.0000	9.0000	PCI/G	1/23/90
R			A6464	97	0		1	
50S	R							
	90.73901	JRB	C	U-234	09999		1/11/90	
WA45	TDF	RAS			400.0000	60.0000	PCI/G	1/23/90
R			A6464	97	0		1	
50S	R							

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        90.73901  JRB   C     U-234       09999                1/11/90
 WA45     TDF     RAS                   350.0000    60.0000  PCI/G        1/23/90
  R                     A6464     97    0                                 1
 50S           R
        90.73901  JRB   C     HG          09999                1/11/90
 WA45     TMF     CVAA       <           0.2000     0.0000  UG/L         1/30/90
  R                     A6863     18    7480                              1
 50S
        90.73901  JRB   C     HG          09999                1/11/90
 WA45     TMF     CVAA       <           0.2000     0.0000  UG/L         1/30/90
  R                     A6863     18    7480                              1
 50S
        90.73901  JRB   C     AG          09999                1/11/90
 WA45     MCW     FAA        <           3.0000     0.0000  UG/L         1/30/90
  R                     A6465     29    7760                              1
 50S
        90.73901  JRB   C     AG          09999                1/11/90
 WA45     MCW     FAA        <           3.0000     0.0000  UG/L         1/30/90
  R                     A6465     29    7760                              1
 50S
        90.73901  JRB   C     AG          09999                1/11/90
 WA45     MCW     FAA                   400.0000   399.0000  UG/L         1/30/90
  R                     A6465     29    7760                              1
 50S
        90.73901  JRB   C     CR          09999                1/11/90
 WA45     MCW     ETVAA                   8.8000     1.7000  UG/L         1/30/90
  R                     A6465     30    7190                              1
 50S
        90.73901  JRB   C     CR          09999                1/11/90
 WA45     MCW     ETVAA                   9.2000     1.8000  UG/L         1/30/90
  R                     A6465     30    7190                              1
 50S
        90.73901  JRB   C     NI          09999                1/11/90
 WA45     MCW     FAA                     0.5200     0.0500  MG/L         1/30/90
  R                     A000212   40    7520                              1
 50S
        90.73901  JRB   C     NI          09999                1/11/90
 WA45     MCW     FAA                     0.5200     0.0500  MG/L         1/30/90
  R                     A000212   40    7520                              1
 50S
        90.73901  JRB   C     CD          09999                1/11/90
 WA45     MCW     ETVAA                   3.4000     0.7000  UG/L         1/30/90
  R                     A7235     24    7130                              1
 50S
        90.73901  JRB   C     CD          09999                1/11/90
 WA45     MCW     ETVAA                   3.6000     0.7000  UG/L         1/30/90
  R                     A7235     24    7130                              1
 50S
        90.73901  JRB   C     PB          09999                1/11/90
 WA45     MCW     ETVAA                  11.0000     2.2000  UG/L         1/30/90
  R                     A7235     24    7420                              1
 50S
        90.73901  JRB   C     PB          09999                1/11/90
 WA45     MCW     ETVAA                   9.0000     1.8000  UG/L         1/30/90
  R                     A7235     24    7420                              1
 50S
        90.73901  JRB   C     AS          09999                1/11/90
 WA45     TMF     ETVAA                   5.5000     2.0000  UG/L         4/13/90
  R                     A6964     79    7060                              1
 50S           R
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        90.73901  JRB    C      AS          09999                1/11/90
 WA45     TMF      ETVAA                   5.4000      2.0000  UG/L          4/13/90
  R                      A6964     79   7060                            1
 50S           R
        90.73901  JRB    C      SE          09999                1/11/90
 WA45     TMF      ETVAA                   1.8000      1.0000  UG/L          4/13/90
  R                      A6964     79   7740                            1
 50S           R
        90.73901  JRB    C      SE          09999                1/11/90
 WA45     TMF      ETVAA                   2.0000      1.0000  UG/L          4/13/90
  R                      A6964     79   7740                            1
 50S           R
        90.73901  JRB    C      TL          09999                1/11/90
 WA45     TMF      ETVAA      <            1.0000      0.0000  UG/L          4/13/90
  R                      A1794     36   7841                            1
 50S
        90.73901  JRB    C      TL          09999                1/11/90
 WA45     TMF      ETVAA      <            1.0000      0.0000  UG/L          4/13/90
  R                      A1794     36   7841                            1
 50S
        90.73901  JRB    C      BA          09999                1/11/90
 WA45     MCW      FAA                     2.9000      0.3000  MG/L          4/13/90
  R                      000219   120   7080                            1
 50S           R
        90.73901  JRB    C      BA          09999                1/11/90
 WA45     MCW      FAA                     3.0000      0.3000  MG/L          4/13/90
  R                      000219   120   7080                            1
 50S           R
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REPORT NUMBER	SAMPLE NUM	OWNER	MATRIX	ANALYSIS	REQUEST NUM	BATCH	REQUEST DATE	DUE DATE
	90.73902	JRB	C	SOLIDS	09999		2/14/90	
WA45	TDF	GRAV			28.2000	0.6000	%	2/21/90
R			A001775	31	0		1	
50S								
	90.73902	JRB	C	AM-241	09999		2/14/90	
WA45	TDF	GELI			390.0000	60.0000	NCI/G	2/21/90
R			S8207	121	0		1	
50S								
	90.73902	JRB	C	SE-75	09999		2/14/90	
WA45	TDF	GELI			23.0000	4.0000	NCI/G	2/21/90
R			S8207	121	0		1	
50S								
	90.73902	JRB	C	NB-95	09999		2/14/90	
WA45	TDF	GELI			1.8000	0.6000	NCI/G	2/21/90
R			S8207	121	0		1	
50S								
	90.73902	JRB	C	ZN-65	09999		2/14/90	
WA45	TDF	GELI			8.7000	1.7000	NCI/G	2/21/90
R			S8207	121	0		1	
50S								
	90.73902	JRB	C	ALPHA	09999		2/14/90	
WA45	TDF	PC			1.0000	0.0100	UCI/G	2/21/90
R			A5645	50	0		1	
50S								
	90.73902	JRB	C	PU-239	09999		2/14/90	
WA45	TDF	RAS			520.0000	60.0000	NCI/G	2/22/90
R			A6464	106	0		1	
50S	R							
	90.73902	JRB	C	PU-239	09999		2/14/90	
WA45	TDF	RAS			580.0000	60.0000	NCI/G	2/22/90
R			A6464	106	0		1	
50S	R							
	90.73902	JRB	C	PU-238	09999		2/14/90	
WA45	TDF	RAS			71.0000	9.0000	NCI/G	2/22/90
R			A6464	106	0		1	
50S	R							
	90.73902	JRB	C	PU-238	09999		2/14/90	
WA45	TDF	RAS			76.0000	9.0000	NCI/G	2/22/90
R			A6464	106	0		1	
50S	R							
	90.73902	JRB	C	U-235	09999		2/14/90	
WA45	TDF	RAS		<	20.0000	0.0000	PCI/G	3/01/90
R			A6464	108	0		1	
50S								
	90.73902	JRB	C	U-235	09999		2/14/90	
WA45	TDF	RAS			60.0000	40.0000	PCI/G	3/01/90
R			A6464	108	0		1	
50S	R							
	90.73902	JRB	C	U-234	09999		2/14/90	
WA45	TDF	RAS			860.0000	120.0000	PCI/G	3/01/90
R			A6464	108	0		1	
50S	R							
	90.73902	JRB	C	U-234	09999		2/14/90	
WA45	TDF	RAS			890.0000	120.0000	PCI/G	3/01/90
R			A6464	108	0		1	
50S	R							

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        90.73902  JRB   C      AS          09999                2/14/90
 WA45     TMF     ETVAA                   3.5000     2.0000  UG/L          4/13/90
  R                     A6964     79   7060                            1
 50S           R
        90.73902  JRB   C      AS          09999                2/14/90
 WA45     TMF     ETVAA                   3.7000     2.0000  UG/L          4/13/90
  R                     A6964     79   7060                            1
 50S
        90.73902  JRB   C      SE          09999                2/14/90
 WA45     TMF     ETVAA      <            1.0000     0.0000  UG/L          4/13/90
  R                     A6964     79   7740                            1
 50S
        90.73902  JRB   C      SE          09999                2/14/90
 WA45     TMF     ETVAA      <            1.0000     0.0000  UG/L          4/13/90
  R                     A6964     79   7740                            1
 50S
        90.73902  JRB   C      TL          09999                2/14/90
 WA45     TMF     ETVAA                   2.0000     1.0000  UG/L          4/13/90
  R                     A1794     36   7841                            1
 50S           R
        90.73902  JRB   C      TL          09999                2/14/90
 WA45     TMF     ETVAA                   2.5000     1.0000  UG/L          4/13/90
  R                     A1794     36   7841                            1
 50S           R
        90.73902  JRB   C      BA          09999                2/14/90
 WA45     MCW     FAA                     2.1000     0.2000  MG/L          4/13/90
  R                     000219   120   7080                            1
 50S           R
        90.73902  JRB   C      BA          09999                2/14/90
 WA45     MCW     FAA                     2.3000     0.2000  MG/L          4/13/90
  R                     000219   120   7080                            1
 50S           R
        90.73902  JRB   C      AG          09999                2/14/90
 WA45     MCW     FAA                    19.0000    10.0000  UG/L          4/13/90
  R                     A6465     29   7760                            1
 50S           R
        90.73902  JRB   C      AG          09999                2/14/90
 WA45     TMF     FAA                    19.0000    10.0000  UG/L          4/13/90
  R                     A6465     29   7760                            1
 50S           R
        90.73902  JRB   C      CD          09999                2/14/90
 WA45     MCW     FAA                    10.0000    10.0000  UG/L          4/13/90
  R                     A7235     24   7130                            1
 50S           R
        90.73902  JRB   C      CD          09999                2/14/90
 WA45     MCW     FAA                    11.0000    10.0000  UG/L          4/13/90
  R                     A7235     24   7130                            1
 50S           R
        90.73902  JRB   C      PB          09999                2/14/90
 WA45     MCW     FAA                    50.0000    50.0000  UG/L          4/13/90
  R                     A7235     24   7420                            1
 50S           R
        90.73902  JRB   C      PB          09999                2/14/90
 WA45     MCW     FAA        <           50.0000     0.0000  UG/L          4/13/90
  R                     A7235     24   7420                            1
 50S
        90.73902  JRB   C      NI          09999                2/14/90
 WA45     TMF     FAA                     0.3700     0.0400  MG/L          4/13/90
  R                     A000212   40   7520                            1
 50S           R
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        90.73902  JRB   C      NI          09999                2/14/90
 WA45     TMF      FAA                    0.3600     0.0400  MG/L          4/13/90
  R                      A000212  40   7520                            1
50S          R
        90.73902  JRB   C      CR          09999                2/14/90
 WA45     TMF      FAA        <           0.0400     0.0000  MG/L          4/13/90
  R                      A6465    30   7190                            1
50S
        90.73902  JRB   C      CR          09999                2/14/90
 WA45     TMF      FAA        <           0.0400     0.0000  MG/L          4/13/90
  R                      A6465    30   7190                            1
50S
        90.73902  JRB   C      HG          09999                2/14/90
 WA45     TMF      CVAA       <           0.2000     0.0000  UG/L          4/13/90
  R                      A6863    20   7480                            1
50S
        90.73902  JRB   C      HG          09999                2/14/90
 WA45     TMF      CVAA       <           0.2000     0.0000  UG/L          4/13/90
  R                      A6863    20   7480                            1
50S
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41190.TXT

REPORT NUMBER	SAMPLE NUM	OWNER	MATRIX	ANALYSIS	REQUEST NUM	BATCH	REQUEST DATE	DUE DATE
91890	90.73905	JRB	C	BA	09999		4/11/90	
WA45	TMF	FAA		<	1.0000	0.0000	MG/L	9/14/90
R			000219	121	7080		1	
50S								
91890	90.73905	JRB	C	BA	09999		4/11/90	
WA45	TMF	FAA		<	1.0000	0.0000	MG/L	9/14/90
R			000219	121	7080		1	
50S								
	90.73905	JRB	C	SOLIDS	09999		4/11/90	
WA45	TDF	GRAV			33.0000	0.7000	%	4/12/90
R			A001775	31	0		1	
50S								
	90.73905	JRB	C	ALPHA	09999		4/11/90	
WA45	TDF	PC			124.0000	12.0000	NCI/G	4/16/90
R			A06866	124	0		1	
50S								
	90.73905	JRB	C	U-235	09999		4/11/90	
WA45	TDF	RAS		<	24.0000	0.0000	PCI/G	4/17/90
R			A6464	122	0		1	
50S								
	90.73905	JRB	C	U-235	09999		4/11/90	
WA45	TDF	RAS			29.0000	26.0000	PCI/G	4/17/90
R			A6464	123	0		1	
50S	R							
	90.73905	JRB	C	U-234	09999		4/11/90	
WA45	TDF	RAS			870.0000	116.0000	PCI/G	4/17/90
R			A6464	123	0		1	
50S	R							
	90.73905	JRB	C	U-234	09999		4/11/90	
WA45	TDF	RAS			760.0000	100.0000	PCI/G	4/17/90
R			A6464	122	0		1	
50S	R							
	90.73905	JRB	C	AM-241	09999		4/11/90	
WA45	TDF	NAI			47.0000	4.0000	NCI/G	4/17/90
R			A6464	123	0		1	
50S								
	90.73905	JRB	C	AM-241	09999		4/11/90	
WA45	TDF	GELI			41.0000	6.0000	NCI/G	4/17/90
R			S12459	27	0		1	
50S								
	90.73905	JRB	C	CS-137	09999		4/11/90	
WA45	TDF	GELI			4.9000	1.3000	NCI/G	4/17/90
R			S12459	27	0		1	
50S								
	90.73905	JRB	C	PU-238	09999		4/11/90	
WA45	TDF	RAS			9.5000	1.5000	NCI/G	4/17/90
R			A6464	123	0		1	
50S	R							
	90.73905	JRB	C	PU-238	09999		4/11/90	
WA45	TDF	RAS			10.7000	1.6000	NCI/G	4/17/90
R			A6464	123	0		1	
50S	R							
	90.73905	JRB	C	PU-239	09999		4/11/90	
WA45	TDF	RAS			70.0000	8.0000	NCI/G	4/17/90
R			A6464	123	0		1	
50S	R							

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        90.73905  JRB   C     PU-239      09999                4/11/90
 WA45     TDF     RAS                   68.0000     8.0000  NCI/G        4/17/90
  R                     A6464     123  0                                 1
 50S          R
 8298   90.73905  JRB   C     AG          09999                4/11/90
 WA45     TMF     FAA                   16.0000    10.0000  UG/L         9/24/90
  R                     A6465     45   7760                              1
 50S          R
 8298   90.73905  JRB   C     AG          09999                4/11/90
 WA45     TMF     FAA                   17.0000    10.0000  UG/L         9/24/90
  R                     A6465     45   7760                              1
 50S          R
 8298   90.73905  JRB   C     AS          09999                4/11/90
 WA45     TMF     ETVAA                  2.0000     2.0000  UG/L         9/24/90
  R                     A6864     88   7060                              1
 50S          R
 8298   90.73905  JRB   C     AS          09999                4/11/90
 WA45     TMF     ETVAA                  2.0000     2.0000  UG/L         9/24/90
  R                     A6864     88   7060                              1
 50S          R
 8298   90.73905  JRB   C     SE          09999                4/11/90
 WA45     TMF     ETVAA     <            1.0000     0.0000  UG/L         9/24/90
  R                     A6864     88   7740                              1
 50S
 8298   90.73905  JRB   C     SE          09999                4/11/90
 WA45     TMF     ETVAA     <            1.0000     0.0000  UG/L         9/24/90
  R                     A6864     88   7740                              1
 50S
 8298   90.73905  JRB   C     CD          09999                4/11/90
 WA45     TMF     ETVAA                  8.6000     1.8000  UG/L         9/24/90
  R                     A7235     30   7130                              1
 50S          R
 8298   90.73905  JRB   C     CD          09999                4/11/90
 WA45     TMF     ETVAA                  8.7000     1.8000  UG/L         9/24/90
  R                     A7235     30   7130                              1
 50S          R
 8298   90.73905  JRB   C     PB          09999                4/11/90
 WA45     TMF     ETVAA                  4.8000     1.0000  UG/L         9/24/90
  R                     A7235     30   7420                              1
 50S
 8298   90.73905  JRB   C     TL          09999                4/11/90
 WA45     TMF     ETVAA                  2.2000     1.0000  UG/L         9/24/90
  R                     A1794     41   7841                              1
 50S          R
 8298   90.73905  JRB   C     TL          09999                4/11/90
 WA45     TMF     ETVAA                  1.2000     1.0000  UG/L         9/24/90
  R                     A1794     41   7841                              1
 50S          R
 8298   90.73905  JRB   C     TL          09999                4/11/90
 WA45     TMF     ETVAA                 50.0000    32.0000  UG/L         9/24/90
  R                     A1794     41   7841                              1
 50S          R
 8298   90.73905  JRB   C     HG          09999                4/11/90
 WA45     TMF     CVAA                   0.3500     0.2000  UG/L         9/24/90
  R                     A6863     25   7480                              1
 50S          R
 8298   90.73905  JRB   C     HG          09999                4/11/90
 WA45     TMF     CVAA                   0.3400     0.2000  UG/L         9/24/90
  R                     A6863     25   7480                              1
 50S          R
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8553   90.73905  JRB   C     CR          09999                4/11/90
 WH51     TMF     FAA       <           0.0400     0.0000  MG/L        10/19/90
  R                     A6465     62   7190                            1
50S
8553   90.73905  JRB   C     CR          09999                4/11/90
 WH51     TMF     FAA       <           0.0400     0.0000  MG/L        10/19/90
  R                     A6465     62   7190                            1
50S
8553   90.73905  JRB   C     NI          09999                4/11/90
 WH51     TMF     FAA                   1.6000     0.2000  MG/L        10/19/90
  R                     A000212   43   7520                            1
50S          R
8553   90.73905  JRB   C     NI          09999                4/11/90
 WH51     TMF     FAA                   1.6000     0.2000  MG/L        10/19/90
  R                     A000212   43   7520                            1
50S          R
8810   90.73905  JRB   C     SE          09999                4/11/90
 WA45     TMF     ETVAA                 50.0000    39.0000  UG/L         9/24/90
  R                     A6864     88   7740                            1
50S
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REPORT NUMBER	SAMPLE NUM	OWNER	MATRIX	ANALYSIS	REQUEST NUM	BATCH	REQUEST DATE	DUE DATE
91890	90.73906	JRB	C	ALPHA	09999		5/03/90	
WA45	TDF	PC			183.0000	18.0000	NCI/G	5/10/90
R			A06866	132	0		1	
50S								
91890	90.73906	JRB	C	AM-241	09999		5/03/90	
WA45	TDF	GELI			85.0000	13.0000	NCI/G	5/10/90
R			S12459	49	0		1	
50S								
91890	90.73906	JRB	C	U-234	09999		5/03/90	
WA45	TDF	RAS			570.0000	80.0000	PCI/G	5/16/90
R			A6464	131	0		1	
50S	R							
91890	90.73906	JRB	C	U-234	09999		5/03/90	
WA45	TDF	RAS			580.0000	90.0000	PCI/G	5/16/90
R			A6464	130	0		1	
50S	R							
91890	90.73906	JRB	C	U-235	09999		5/03/90	
WA45	TDF	RAS		<	24.0000	0.0000	PCI/G	5/16/90
R			A6464	130	0		1	
50S								
91890	90.73906	JRB	C	U-235	09999		5/03/90	
WA45	TDF	RAS		<	18.0000	0.0000	PCI/G	5/16/90
R			A6464	131	0		1	
50S								
91890	90.73906	JRB	C	PU-238	09999		5/03/90	
WA45	TDF	RAS			24.0000	3.0000	NCI/G	5/16/90
R			A6464	131	0		1	
50S	R							
91890	90.73906	JRB	C	PU-238	09999		5/03/90	
WA45	TDF	RAS			22.0000	3.0000	NCI/G	5/16/90
R			A6464	131	0		1	
50S	R							
91890	90.73906	JRB	C	PU-239	09999		5/03/90	
WA45	TDF	RAS			102.0000	12.0000	NCI/G	5/16/90
R			A6464	131	0		1	
50S	R							
91890	90.73906	JRB	C	PU-239	09999		5/03/90	
WA45	TDF	RAS			92.0000	10.0000	NCI/G	5/16/90
R			A6464	131	0		1	
50S	R							
91890	90.73906	JRB	C	BA	09999		5/03/90	
WA45	TMF	FAA		<	1.0000	0.0000	MG/L	9/14/90
R			000219	121	7080		1	
50S								
91890	90.73906	JRB	C	BA	09999		5/03/90	
WA45	TMF	FAA		<	1.0000	0.0000	MG/L	9/14/90
R			000219	121	7080		1	
50S								
	90.73906	JRB	C	SOLIDS	09999		5/03/90	
WA45	TDF	GRAV			33.4000	0.7000	%	5/10/90
R			A001775	33	0		1	
50S								
8298	90.73906	JRB	C	AG	09999		5/10/90	
WA45	TMF	FAA			19.0000	10.0000	UG/L	9/24/90
R			A6465	45	7760		1	
50S	R							

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8298   90.73906  JRB   C     AG          09999                5/10/90
 WA45     TMF     FAA                   19.0000    10.0000  UG/L          9/24/90
  R                     A6465    45   7760                          1
50S           R
8298   90.73906  JRB   C     AS          09999                5/10/90
 WA45     TMF     ETVAA                  5.8000     2.0000  UG/L          9/24/90
  R                     A6864    88   7060                          1
50S           R
8298   90.73906  JRB   C     AS          09999                5/10/90
 WA45     TMF     ETVAA                  6.1000     2.0000  UG/L          9/24/90
  R                     A6864    88   7060                          1
50S           R
8298   90.73906  JRB   C     SE          09999                5/10/90
 WA45     TMF     ETVAA     <            1.0000     0.0000  UG/L          9/24/90
  R                     A6864    88   7740                          1
50S
8298   90.73906  JRB   C     SE          09999                5/10/90
 WA45     TMF     ETVAA     <            1.0000     0.0000  UG/L          9/24/90
  R                     A6864    88   7740                          1
50S
8298   90.73906  JRB   C     CD          09999                5/10/90
 WA45     TMF     ETVAA                  0.3900     0.1000  UG/L          9/24/90
  R                     A7235    30   7130                          1
50S           R
8298   90.73906  JRB   C     CD          09999                5/10/90
 WA45     TMF     ETVAA                  0.3700     0.1000  UG/L          9/24/90
  R                     A7235    30   7130                          1
50S           R
8298   90.73906  JRB   C     PB          09999                5/10/90
 WA45     TMF     ETVAA                  1.5000     1.0000  UG/L          9/24/90
  R                     A7235    30   7420                          1
50S           R
8298   90.73906  JRB   C     PB          09999                5/10/90
 WA45     TMF     ETVAA                  1.3000     1.0000  UG/L          9/24/90
  R                     A7235    30   7420                          1
50S           R
8298   90.73906  JRB   C     TL          09999                5/10/90
 WA45     TMF     ETVAA                  3.4000     1.0000  UG/L          9/24/90
  R                     A1794    41   7841                          1
50S           R
8298   90.73906  JRB   C     TL          09999                5/10/90
 WA45     TMF     ETVAA                  2.6000     1.0000  UG/L          9/24/90
  R                     A1794    41   7841                          1
50S           R
8298   90.73906  JRB   C     HG          09999                5/10/90
 WA45     TMF     CVAA                   0.4600     0.2000  UG/L          9/24/90
  R                     A6863    25   7480                          1
50S           R
8298   90.73906  JRB   C     HG          09999                5/10/90
 WA45     TMF     CVAA                   0.4300     0.2000  UG/L          9/24/90
  R                     A6863    25   7480                          1
50S           R
8553   90.73906  JRB   C     CR          09999                5/10/90
 WH51     TMF     FAA       <            0.0400     0.0000  MG/L         10/19/90
  R                     A6465    62   7190                          1
50S
8553   90.73906  JRB   C     CR          09999                5/10/90
 WH51     TMF     FAA       <            0.0400     0.0000  MG/L         10/19/90
  R                     A6465    62   7190                          1
50S
```

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8553   90.73906  JRB   C     NI          09999                5/10/90
 WH51     TMF     FAA                   0.1200     0.0400  MG/L        10/19/90
  R                    A000212  43   7520                          1
50S          R
8553   90.73906  JRB   C     NI          09999                5/10/90
 WH51     TMF     FAA                   0.1200     0.0400  MG/L        10/19/90
  R                    A000212  43   7520                          1
50S          R
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6.2190.1.7

REPORT NUMBER	SAMPLE NUM	OWNER	MATRIX	ANALYSIS	REQUEST NUM	BATCH	REQUEST DATE	DUE DATE
91890	90.73907	JRB	C	AM-241	09999		6/21/90	
WA45	TDF	GELI			14.0000	2.0000	NCI/G	6/26/90
R			S12459	85	0		1	
50S								
91890	90.73907	JRB	C	PU-238	09999		6/21/90	
WA45	TDF	RAS			46.0000	6.0000	NCI/G	6/28/90
R			A6464	143	0		1	
50S	R							
91890	90.73907	JRB	C	PU-238	09999		6/21/90	
WA45	TDF	RAS			44.0000	5.0000	NCI/G	6/28/90
R			A6464	143	0		1	
50S	R							
91890	90.73907	JRB	C	PU-239	09999		6/21/90	
WA45	TDF	RAS			18.0000	2.0000	NCI/G	6/28/90
R			A6464	143	0		1	
50S	R							
91890	90.73907	JRB	C	PU-239	09999		6/21/90	
WA45	TDF	RAS			18.0000	2.0000	NCI/G	6/28/90
R			A6464	143	0		1	
50S	R							
91890	90.73907	JRB	C	U-235	09999		6/21/90	
WA45	TDF	RAS		<	15.0000	0.0000	PCI/G	6/28/90
R			A6464	144	0		1	
50S								
91890	90.73907	JRB	C	U-235	09999		6/21/90	
WA45	TDF	RAS		<	11.0000	0.0000	PCI/G	6/28/90
R			A6464	144	0		1	
50S								
91890	90.73907	JRB	C	U-234	09999		6/21/90	
WA45	TDF	RAS			150.0000	30.0000	PCI/G	6/28/90
R			A6464	144	0		1	
50S	R							
91890	90.73907	JRB	C	U-234	09999		6/21/90	
WA45	TDF	RAS			110.0000	30.0000	PCI/G	6/28/90
R			A6464	144	0		1	
50S	R							
91890	90.73907	JRB	C	BA	09999		6/21/90	
WA45	TMF	FAA			1.9000	1.0000	MG/L	9/14/90
R			000219	121	7080		1	
50S	R							
91890	90.73907	JRB	C	BA	09999		6/21/90	
WA45	TMF	FAA			1.9000	1.0000	MG/L	9/14/90
R			000219	121	7080		1	
50S	R							
91890	90.73907	JRB	C	CD	09999		6/21/90	
WA45	TMF	FAA		<	10.0000	0.0000	UG/L	9/14/90
R			A7235	34	7130		1	
50S								
91890	90.73907	JRB	C	CD	09999		6/21/90	
WA45	TMF	FAA		<	10.0000	0.0000	UG/L	9/14/90
R			A7235	34	7130		1	
50S								
91890	90.73907	JRB	C	PB	09999		6/21/90	
WA45	TMF	FAA			0.1800	0.0200	MG/L	9/14/90
R			A7235	34	7420		1	
50S	R							

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91890  90.73907  JRB   C     PB          09999              6/21/90
 WA45     TMF     FAA                   0.1900     0.0200  MG/L          9/14/90
  R                     A7235    34   7420                          1
50S           R
91890  90.73907  JRB   C     NI          09999              6/21/90
 WA45     TMF     FAA                   0.0900     0.0400  MG/L          9/14/90
  R                     000212   42   7520                          1
50S           R
91890  90.73907  JRB   C     NI          09999              6/21/90
 WA45     TMF     FAA                   0.0980     0.0400  MG/L          9/14/90
  R                     000212   42   7520                          1
50S           R
91890  90.73907  JRB   C     AG          09999              6/21/90
 WA45     TMF     FAA                   0.0240     0.0100  MG/L          9/14/90
  R                     A6465    56   7760                          1
50S           R
91890  90.73907  JRB   C     AG          09999              6/21/90
 WA45     TMF     FAA                   0.0230     0.0100  MG/L          9/14/90
  R                     A6465    56   7760                          1
50S           R
91890  90.73907  JRB   C     CR          09999              6/21/90
 WA45     TMF     FAA                   0.0770     0.0400  MG/L          9/14/90
  R                     A6465    55   7760                          1
50S           R
91890  90.73907  JRB   C     CR          09999              6/21/90
 WA45     TMF     FAA                   0.0790     0.0400  MG/L          9/14/90
  R                     A6465    55   7190                          1
50S           R
91890  90.73907  JRB   C     AS          09999              6/21/90
 WA45     TMF     ETVAA                 2.0000     2.0000  UG/L          9/14/90
  R                     A6864    99   7060                          1
50S           R
91890  90.73907  JRB   C     AS          09999              6/21/90
 WA45     TMF     ETVAA     <           2.0000     0.0000  UG/L          9/14/90
  R                     A6864    99   7060                          1
50S
91890  90.73907  JRB   C     SE          09999              6/21/90
 WA45     TMF     ETVAA     <           1.0000     0.0000  UG/L          9/14/90
  R                     A6864    99   7740                          1
50S
91890  90.73907  JRB   C     SE          09999              6/21/90
 WA45     TMF     ETVAA     <           1.0000     0.0000  UG/L          9/14/90
  R                     A6864    99   7740                          1
50S
       90.73907  JRB   C     SOLIDS      09999              6/21/90
 WA45     TDF     GRAV                 32.4000     0.2000  %             6/22/90
  R                     A001775  32   0                             1
50S
       90.73907  JRB   C     ALPHA       09999              6/21/90
 WA45     TDF     PC                   70.0000     7.0000  NCI/G         6/22/90
  R                     A06866   144  0                              1
50S
       90.73907  JRB   C     CO-60       09999              6/21/90
 WA45     TDF     GELI                  1.0000     0.5000  NCI/G         6/26/90
  R                     S12459   85   0                              1
50S
8298   90.73907  JRB   C     HG          09999              6/21/90
 WA45     TMF     CVAA      <           0.2000     0.0000  UG/L          9/24/90
  R                     A6863    36   7480                          1
50S
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8298 90.73907 JRB C HG 09999 6/21/90
WA45 TMF CVAA < 0.2000 0.0000 UG/L 9/24/90
R A6863 36 7480 1
50S
8298 90.73907 JRB C TL 09999 6/21/90
WA45 TMF ETVAA < 1.0000 0.0000 UG/L 9/24/90
R A1794 48 7841 1
50S

8/15/90.TXT

REPORT NUMBER	SAMPLE NUM	OWNER	MATRIX	ANALYSIS	REQUEST NUM	BATCH	REQUEST DATE	DUE DATE
	90.73908	JRB	C	SOLIDS	09999		8/15/90	
WA45	TDF	GRAV			31.0000	0.6000	%	8/16/90
R			A001775	34	0		1	
50S								
	90.73908	JRB	C	ALPHA	09999		8/15/90	
WA45	TDF	PC			140.0000	14.0000	NCI/G	8/21/90
R			A09286	8	0		1	
50S								
	90.73908	JRB	C	AM-241	09999		8/15/90	
WA45	TDF	GELI			14.0000	2.0000	NCI/G	8/21/90
R			S12459	146	0		1	
50S								
	90.73908	JRB	C	CO-57	09999		8/15/90	
WA45	TDF	GELI			990.0000	590.0000	PCI/G	8/21/90
R			S12459	146	0		1	
50S								
	90.73908	JRB	C	CO-60	09999		8/15/90	
WA45	TDF	GELI			1.2000	0.5000	NCI/G	8/21/90
R			S12459	146	0		1	
50S								
	90.73908	JRB	C	MN-54	09999		8/15/90	
WA45	TDF	GELI			730.0000	500.0000	PCI/G	8/21/90
R			S12459	146	0		1	
50S								
	90.73908	JRB	C	SR-85	09999		8/15/90	
WA45	TDF	GELI			4.1000	0.7000	NCI/G	8/21/90
R			S12459	146	0		1	
50S								
	90.73908	JRB	C	SE-75	09999		8/15/90	
WA45	TDF	GELI			2.1000	0.8000	NCI/G	8/21/90
R			S12459	146	0		1	
50S								
	90.73908	JRB	C	PU-239	09999		8/15/90	
WA45	TDF	RAS			63.0000	7.0000	NCI/G	8/23/90
R			A09309	3	0		1	
50S	R							
	90.73908	JRB	C	PU-239	09999		8/15/90	
WA45	TDF	RAS			68.0000	8.0000	NCI/G	8/23/90
R			A09309	3	0		1	
50S	R							
	90.73908	JRB	C	PU-238	09999		8/15/90	
WA45	TDF	RAS			81.0000	9.0000	NCI/G	8/23/90
R			A09309	3	0		1	
50S	R							
	90.73908	JRB	C	PU-238	09999		8/15/90	
WA45	TDF	RAS			88.0000	10.0000	NCI/G	8/23/90
R			A09309	3	0		1	
50S	R							
	90.73908	JRB	C	U-235	09999		8/15/90	
WA45	TDF	RAS		<	30.0000	0.0000	PCI/G	8/24/90
R			A09309	4	0		1	
50S								
	90.73908	JRB	C	U-235	09999		8/15/90	
WA45	TDF	RAS		<	20.0000	0.0000	PCI/G	8/24/90
R			A09309	4	0		1	
50S								

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        90.73908  JRB   C     U-234       09999                8/15/90
 WA45     TDF     RAS                  240.0000    50.0000  PCI/G        8/24/90
  R                     A09309   4     0                                 1
 50S          R
        90.73908  JRB   C     U-234       09999                8/15/90
 WA45     TDF     RAS                  165.0000    40.0000  PCI/G        8/24/90
  R                     A09309   4     0                                 1
 50S          R
 8298   90.73908  JRB   C     HG          09999                8/15/90
 WA45     TMF     CVAA      <            0.2000     0.0000  UG/L         9/24/90
  R                     A6863    36    7480                              1
 50S
 8298   90.73908  JRB   C     HG          09999                8/15/90
 WA45     TMF     CVAA      <            0.2000     0.0000  UG/L         9/24/90
  R                     A6863    36    7480                              1
 50S
 8298   90.73908  JRB   C     AS          09999                8/15/90
 WA45     TMF     ETVAA                  2.4000     2.0000  UG/L         9/26/90
  R                     A6864   102    7060                              1
 50S          R
 8298   90.73908  JRB   C     AS          09999                8/15/90
 WA45     TMF     ETVAA                  3.8000     2.0000  UG/L         9/26/90
  R                     A6864   102    7060                              1
 50S          R
 8298   90.73908  JRB   C     SE          09999                8/15/90
 WA45     TMF     ETVAA                  8.7000     1.8000  UG/L         9/26/90
  R                     A6864   102    7740                              1
 50S          R
 8298   90.73908  JRB   C     SE          09999                8/15/90
 WA45     TMF     ETVAA                  8.6000     1.8000  UG/L         9/26/90
  R                     A6864   102    7740                              1
 50S          R
 9148   90.73908  JRB   C     CR          09999  MCW112890     8/15/90
 WH51     MCW     ICPMS     <          100.0000     0.0000  UG/L        11/30/90
  R                     A6462    91    6020                              1
 50S
 9148   90.73908  JRB   C     NI          09999  MCW112890     8/15/90
 WH51     MCW     ICPMS               110.0000    11.0000  UG/L        11/30/90
  R                     A6462    91    6020                              1
 50S
 9148   90.73908  JRB   C     NI          09999  MCW112890     8/15/90
 WH51     MCW     ICPMS               111.0000    11.0000  UG/L        11/30/90
  R                     A6462    91    6020                              1
 50S
 9148   90.73908  JRB   C     CD          09999  MCW112890     8/15/90
 WH51     MCW     ICPMS                  1.9000     1.0000  UG/L        11/30/90
  R                     A6462    91    6020                              1
 50S
 9148   90.73908  JRB   C     CD          09999  MCW112890     8/15/90
 WH51     MCW     ICPMS                  2.2000     1.0000  UG/L        11/30/90
  R                     A6462    91    6020                              1
 50S
 9148   90.73908  JRB   C     BA          09999  MCW112890     8/15/90
 WH51     MCW     ICPMS               342.0000    34.0000  UG/L        11/30/90
  R                     A6462    91    6020                              1
 50S
 9148   90.73908  JRB   C     BA          09999  MCW112890     8/15/90
 WH51     MCW     ICPMS               338.0000    34.0000  UG/L        11/30/90
  R                     A6462    91    6020                              1
 50S
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9148   90.73908  JRB   C     TL          09999  MCW112890    8/15/90
 WH51     MCW     ICPMS                 4.9000     1.0000  UG/L        11/30/90
  R                    A6462    91   6020                            1
50S
9148   90.73908  JRB   C     TL          09999  MCW112890    8/15/90
 WH51     MCW     ICPMS                 4.9000     1.0000  UG/L        11/30/90
  R                    A6462    91   6020                            1
50S
9148   90.73908  JRB   C     PB          09999  MCW112890    8/15/90
 WH51     MCW     ICPMS                21.0000     2.0000  UG/L        11/30/90
  R                    A6462    91   6020                            1
50S
9148   90.73908  JRB   C     PB          09999  MCW112890    8/15/90
 WH51     MCW     ICPMS                21.0000     2.0000  UG/L        11/30/90
  R                    A6462    91   6020                            1
50S
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REPORT NUMBER	SAMPLE NUM	OWNER	MATRIX	ANALYSIS	REQUEST NUM	BATCH	REQUEST DATE	DUE DATE
8553	90.73910	JRB	C	ALPHA	09999		10/12/90	
WH51	TDF	PC			74.0000	7.0000	NCI/G	10/16/90
R			A09286	20	0		1	
50S								
8553	90.73910	JRB	C	SOLIDS	09999		10/12/90	
WH51	TDF	GRAV			31.8000	0.7000	%	10/16/90
R			A001775	34	0		1	
50S								
8553	90.73910	JRB	C	AM-241	09999		10/12/90	
WH51	TDF	GELI			8.5000	1.4000	NCI/G	10/16/90
R			A09284	48	0		1	
50S								
8553	90.73910	JRB	C	CO-58	09999		10/12/90	
WH51	TDF	GELI			2.5000	0.7000	NCI/G	10/16/90
R			A09284	48	0		1	
50S								
8553	90.73910	JRB	C	CO-56	09999		10/12/90	
WH51	TDF	GELI			1.0000	0.4000	NCI/G	10/16/90
R			A09284	48	0		1	
50S								
8553	90.73910	JRB	C	BE-7	09999		10/12/90	
WH51	TDF	GELI			14.0000	5.0000	NCI/G	10/16/90
R			A09284	48	0		1	
50S								
8553	90.73910	JRB	C	MN-54	09999		10/12/90	
WH51	TDF	GELI			1.3000	0.5000	NCI/G	10/16/90
R			A09284	48	0		1	
50S								
8553	90.73910	JRB	C	SE-75	09999		10/12/90	
WH51	TDF	GELI			1.7000	0.8000	NCI/G	10/16/90
R			A09284	48	0		1	
50S								
8553	90.73910	JRB	C	NB-95	09999		10/12/90	
WH51	TDF	GELI			3.1000	0.6000	NCI/G	10/16/90
R			A09284	48	0		1	
50S								
8553	90.73910	JRB	C	Y-88	09999		10/12/90	
WH51	TDF	GELI			22.0000	3.0000	NCI/G	10/16/90
R			A09284	48	0		1	
50S								
8553	90.73910	JRB	C	ZN-65	09999		10/12/90	
WH51	TDF	GELI			3.4000	1.5000	NCI/G	10/16/90
R			A09284	48	0		1	
50S								
8553	90.73910	JRB	C	ZR-88	09999		10/12/90	
WH51	TDF	GELI			13.0000	2.0000	NCI/G	10/16/90
R			A09284	48	0		1	
50S								
8553	90.73910	JRB	C	SR-85	09999		10/12/90	
WH51	TDF	GELI			31.0000	5.0000	NCI/G	10/16/90
R			A09284	48	0		1	
50S								
8553	90.73910	JRB	C	SR-82	09999		10/12/90	
WH51	TDF	GELI			970.0000	590.0000	PCI/G	10/16/90
R			A09284	48	0		1	
50S								

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8553   90.73910  JRB   C      PU-239      09999              10/12/90
 WH51     TDF     RAS                   34.0000     4.0000  NCI/G       10/19/90
  R                     A09309    12   0                                1
50S           R
8553   90.73910  JRB   C      PU-239      09999              10/12/90
 WH51     TDF     RAS                   36.0000     4.0000  NCI/G       10/19/90
  R                     A09309    12   0                                1
50S           R
8553   90.73910  JRB   C      PU-238      09999              10/12/90
 WH51     TDF     RAS                   24.0000     3.0000  NCI/G       10/19/90
  R                     A09309    12   0                                1
50S           R
8553   90.73910  JRB   C      PU-238      09999              10/12/90
 WH51     TDF     RAS                   25.0000     3.0000  NCI/G       10/19/90
  R                     A09309    12   0                                1
50S           R
8553   90.73910  JRB   C      U-235       09999              10/12/90
 WH51     TDF     RAS                   20.0000    20.0000  PCI/G       10/19/90
  R                     A09309    13   0                                1
50S           R
8553   90.73910  JRB   C      U-235       09999              10/12/90
 WH51     TDF     RAS        <          20.0000     0.0000  PCI/G       10/19/90
  R                     A09309    14   0                                1
50S
8553   90.73910  JRB   C      U-234       09999              10/12/90
 WH51     TDF     RAS                  280.0000    50.0000  PCI/G       10/19/90
  R                     A09309    14   0                                1
50S           R
8553   90.73910  JRB   C      U-234       09999              10/12/90
 WH51     TDF     RAS                  270.0000    50.0000  PCI/G       10/19/90
  R                     A09309    13   0                                1
50S           R
8810   90.73910  JRB   WW     HG          09999              10/12/90
 WH51     MAB     CVAA       <           0.2000     0.0000  UG/L        11/01/90
  R                     17764     61                                     1
50S
8810   90.73910  JRB   WW     HG          09999              10/12/90
 WH51     MAB     CVAA       <           0.2000     0.0000  UG/L        11/01/90
  R                     17764     61                                     1
50S
8810   90.73910  JRB   C      AS          09999              10/12/90
 WH51     TMF     ETVAA      <           2.0000     0.0000  UG/L        11/05/90
  R                     A6864     107  7060                              1
50S
8810   90.73910  JRB   C      SE          09999              10/12/90
 WH51     TMF     ETVAA                  5.2000     1.0000  UG/L        11/05/90
  R                     A6864     107  7740                              1
50S
9376   90.73910  JRB   WW     CR          09999              10/12/90
 WH51     MCW     ICPMS      <          10.0000     0.0000  UG/L        12/19/90
  R                     A6462        91   6020                            1
50S
9376   90.73910  JRB   WW     CR          09999              10/12/90
 WH51     MCW     ICPMS      <          10.0000     0.0000  UG/L        12/19/90
  R                     A6462        91   6020                            1
50S
9376   90.73910  JRB   WW     NI          09999              10/12/90
 WH51     MCW     ICPMS                  4.8000     0.5000  MG/L        12/19/90
  R                     A6462        91   6020                            1
50S
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9376   90.73910  JRB   WW    NI          09999              10/12/90
 WH51     MCW     ICPMS                 4.8000     0.5000  MG/L        12/19/90
  R                     A6462       91   6020                           1
50S
9376   90.73910  JRB   WW    CD          09999              10/12/90
 WH51     MCW     ICPMS                83.0000     8.0000  UG/L        12/19/90
  R                     A6462       91   6020                           1
50S
9376   90.73910  JRB   WW    CD          09999              10/12/90
 WH51     MCW     ICPMS                84.0000     8.0000  UG/L        12/19/90
  R                     A6462       91   6020                           1
50S
9376   90.73910  JRB   WW    AG          09999              10/12/90
 WH51     MCW     ICPMS     <          10.0000     0.0000  UG/L        12/19/90
  R                     A6462       91   6020                           1
50S
9376   90.73910  JRB   WW    AG          09999              10/12/90
 WH51     MCW     ICPMS     <          10.0000     0.0000  UG/L        12/19/90
  R                     A6462       91   6020                           1
50S
9376   90.73910  JRB   WW    BA          09999              10/12/90
 WH51     MCW     ICPMS               552.0000    55.0000  UG/L        12/19/90
  R                     A6462       91   6020                           1
50S
9376   90.73910  JRB   WW    BA          09999              10/12/90
 WH51     MCW     ICPMS               552.0000    55.0000  UG/L        12/19/90
  R                     A6462       91   6020                           1
50S
9376   90.73910  JRB   WW    TL          09999              10/12/90
 WH51     MCW     ICPMS     <          10.0000     0.0000  UG/L        12/19/90
  R                     A6462       91   6020                           1
50S
9376   90.73910  JRB   WW    PB          09999              10/12/90
 WH51     MCW     ICPMS                34.0000    10.0000  UG/L        12/19/90
  R                     A6462       91   6020                           1
50S
9376   90.73910  JRB   WW    PB          09999              10/12/90
 WH51     MCW     ICPMS                33.0000    10.0000  UG/L        12/19/90
  R                     A6462       91   6020                           1
50S
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120590.TXT

REPORT NUMBER	SAMPLE NUM	OWNER	MATRIX	ANALYSIS	REQUEST NUM	BATCH	REQUEST DATE	DUE DATE
9148	90.73911	JRB	C	SOLIDS	09999		12/05/90	
WH51	TDF	GRAV			26.8000	0.6000	%	12/11/90
R			A001775	34	0		1	
50S								
9148	90.73911	JRB	C	ALPHA	09999		12/05/90	
WH51	TDF	PC			83.0000	8.0000	NCI/G	12/11/90
R			A09286	32	WR150		1	
50S								
9148	90.73911	JRB	C	AM-241	09999		12/05/90	
WH51	TDF	GELI			16.0000	2.0000	NCI/G	12/11/90
R			A09284	101	WR100		1	
50S								
9148	90.73911	JRB	C	CO-57	09999		12/05/90	
WH51	TDF	GELI			1.6000	0.6000	NCI/G	12/11/90
R			A09284	101	WR140		1	
50S								
9148	90.73911	JRB	C	CO-58	09999		12/05/90	
WH51	TDF	GELI			1.3000	0.4000	NCI/G	12/11/90
R			A09284	101	WR140		1	
50S								
9148	90.73911	JRB	C	MN-54	09999		12/05/90	
WH51	TDF	GELI			1.0000	0.6000	NCI/G	12/11/90
R			A09284	101	WR140		1	
50S								
9148	90.73911	JRB	C	SR-85	09999		12/05/90	
WH51	TDF	GELI			19.0000	3.0000	NCI/G	12/11/90
R			A09284	101	WR140		1	
50S								
9148	90.73911	JRB	C	SE-75	09999		12/05/90	
WH51	TDF	GELI			5.4000	0.9000	NCI/G	12/11/90
R			A09284	101	WR140		1	
50S								
9148	90.73911	JRB	C	NB-95	09999		12/05/90	
WH51	TDF	GELI			4.2000	0.7000	NCI/G	12/11/90
R			A09284	101	WR140		1	
50S								
9148	90.73911	JRB	C	Y-88	09999		12/05/90	
WH51	TDF	GELI			41.0000	6.0000	NCI/G	12/11/90
R			A09284	101	WR140		1	
50S								
9148	90.73911	JRB	C	ZR-88	09999		12/05/90	
WH51	TDF	GELI			13.0000	2.0000	NCI/G	12/11/90
R			A09284	101	WR140		1	
50S								
9148	90.73911	JRB	C	U-235	09999		12/05/90	
WH51	TDF	RAS		<	30.0000	0.0000	PCI/G	12/13/90
R			A09309	21	WR180		1	
50S								
9148	90.73911	JRB	C	U-235	09999		12/05/90	
WH51	TDF	RAS		<	40.0000	0.0000	PCI/G	12/13/90
R			A09309	21	WR180		1	
50S								
9148	90.73911	JRB	C	U-234	09999		12/05/90	
WH51	TDF	RAS		<	180.0000	0.0000	PCI/G	12/13/90
R			A09309	21	WR180		1	
50S								

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9148   90.73911  JRB   C     U-234      09999              12/05/90
 WH51     TDF     RAS       <         180.0000     0.0000  PCI/G       12/13/90
  R                     A09309   21   WR180                          1
50S
9148   90.73911  JRB   C     PU-239     09999              12/05/90
 WH51     TDF     RAS                  28.0000     4.0000  NCI/G       12/13/90
  R                     A09309   22   WR180                          1
50S          R
9148   90.73911  JRB   C     PU-239     09999              12/05/90
 WH51     TDF     RAS                  27.0000     4.0000  NCI/G       12/13/90
  R                     A09309   22   WR180                          1
50S          R
9148   90.73911  JRB   C     PU-238     09999              12/05/90
 WH51     TDF     RAS                  41.0000     5.0000  NCI/G       12/13/90
  R                     A09309   22   WR180                          1
50S          R
9148   90.73911  JRB   C     PU-238     09999              12/05/90
 WH51     TDF     RAS                  49.0000     6.0000  NCI/G       12/13/90
  R                     A09309   22   WR180                          1
50S          R
9148   90.73911  JRB   C     HG         09999              12/05/90
 WH51     MAB     CVAA      <           0.2000     0.0000  UG/L        12/13/90
  R                     A6863    42                                   1
50S
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REPORT  SAMPLE                          REQUEST            REQUEST    DUE
NUMBER   NUM    OWNER MATRIX  ANALYSIS   NUM      BATCH     DATE      DATE

9376   90.73911  JRB   SE    CR         09999              12/05/90
 WH51     MCW     ICPMS     <          10.0000     0.0000  UG/L        1/18/91
  R                     A6462    92   6020                           1
50S
9376   90.73911  JRB   SE    CR         09999              12/05/90
 WH51     MCW     ICPMS     <          10.0000     0.0000  UG/L        1/18/91
  R                     A6462    92   6020                           1
50S
9376   90.73911  JRB   SE    NI         09999              12/05/90
 WH51     MCW     ICPMS              1485.0000   149.0000  UG/L        1/18/91
  R                     A6462    92   6020                           1
50S
9376   90.73911  JRB   SE    NI         09999              12/05/90
 WH51     MCW     ICPMS     R        1601.0000   160.0000  UG/L        1/18/91
  R                     A6462    92   6020                           1
50S
9376   90.73911  JRB   SE    AG         09999              12/05/90
 WH51     MCW     ICPMS     <          10.0000     0.0000  UG/L        1/18/91
  R                     A6462    92   6020                           1
50S
9376   90.73911  JRB   SE    AG         09999              12/05/90
 WH51     MCW     ICPMS     <          10.0000     0.0000  UG/L        1/18/91
  R                     A6462    92   6020                           1
50S
9376   90.73911  JRB   SE    CD         09999              12/05/90
 WH51     MCW     ICPMS                62.0000     6.0000  UG/L        1/18/91
  R                     A6462    92   6020                           1
50S
9376   90.73911  JRB   SE    CD         09999              12/05/90
 WH51     MCW     ICPMS     R          77.0000     8.0000  UG/L        1/18/91
  R                     A6462    92   6020                           1
50S
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9376   90.73911  JRB   SE    BA          09999              12/05/90
 WH51    MCW     ICPMS              100.0000    10.0000  UG/L          1/18/91
  R                    A6462    92   6020                          1
50S
9376   90.73911  JRB   SE    BA          09999              12/05/90
 WH51    MCW     ICPMS     R        109.0000    11.0000  UG/L          1/18/91
  R                    A6462    92   6020                          1
50S
9376   90.73911  JRB   SE    TL          09999              12/05/90
 WH51    MCW     ICPMS     <         10.0000     0.0000  UG/L          1/18/91
  R                    A6462    92   6020                          1
50S
9376   90.73911  JRB   SE    TL          09999              12/05/90
 WH51    MCW     ICPMS     <         10.0000     0.0000  UG/L          1/18/91
  R                    A6462    92   6020                          1
50S
9376   90.73911  JRB   SE    PB          09999              12/05/90
 WH51    MCW     ICPMS              11.0000     1.0000  UG/L          1/18/91
  R                    A6462    92   6020                          1
50S
9553   90.73911  JRB   C     SE          09999              12/05/90
 WH51    MAB     ETVAA     <          1.0000     0.0000  UG/L          1/30/91
  R                    A6864   118  270.2                          1
50S          R
9553   90.73911  JRB   C     SE          09999              12/05/90
 WH51    MAB     ETVAA     <          1.0000     0.0000  UG/L          1/30/91
  R                    A6864   118  270.2                          1
50S          R
9553   90.73911  JRB   C     AS          09999              12/05/90
 WH51    MAB     ETVAA     <          2.0000     0.0000  UG/L          1/30/91
  R                    A6864   118  206.2                          1
50S          R
9553   90.73911  JRB   C     AS          09999              12/05/90
 WH51    MAB     ETVAA     <          2.0000     0.0000  UG/L          1/30/91
  R                    A6864   118  206.2                          1
50S          R
```