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Hanford Site

**Environmental Data for
Calendar Year 1994
Surface and
Columbia River**

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UC-602

HANFORD SITE ENVIRONMENTAL DATA
FOR CALENDAR YEAR 1994--SURFACE
AND COLUMBIA RIVER

L. E. Bisping

July 1995

Prepared for
the U.S. Department of Energy
under Contract DE-AC06-76RLO 1830

Pacific Northwest Laboratory
Richland, Washington 99352

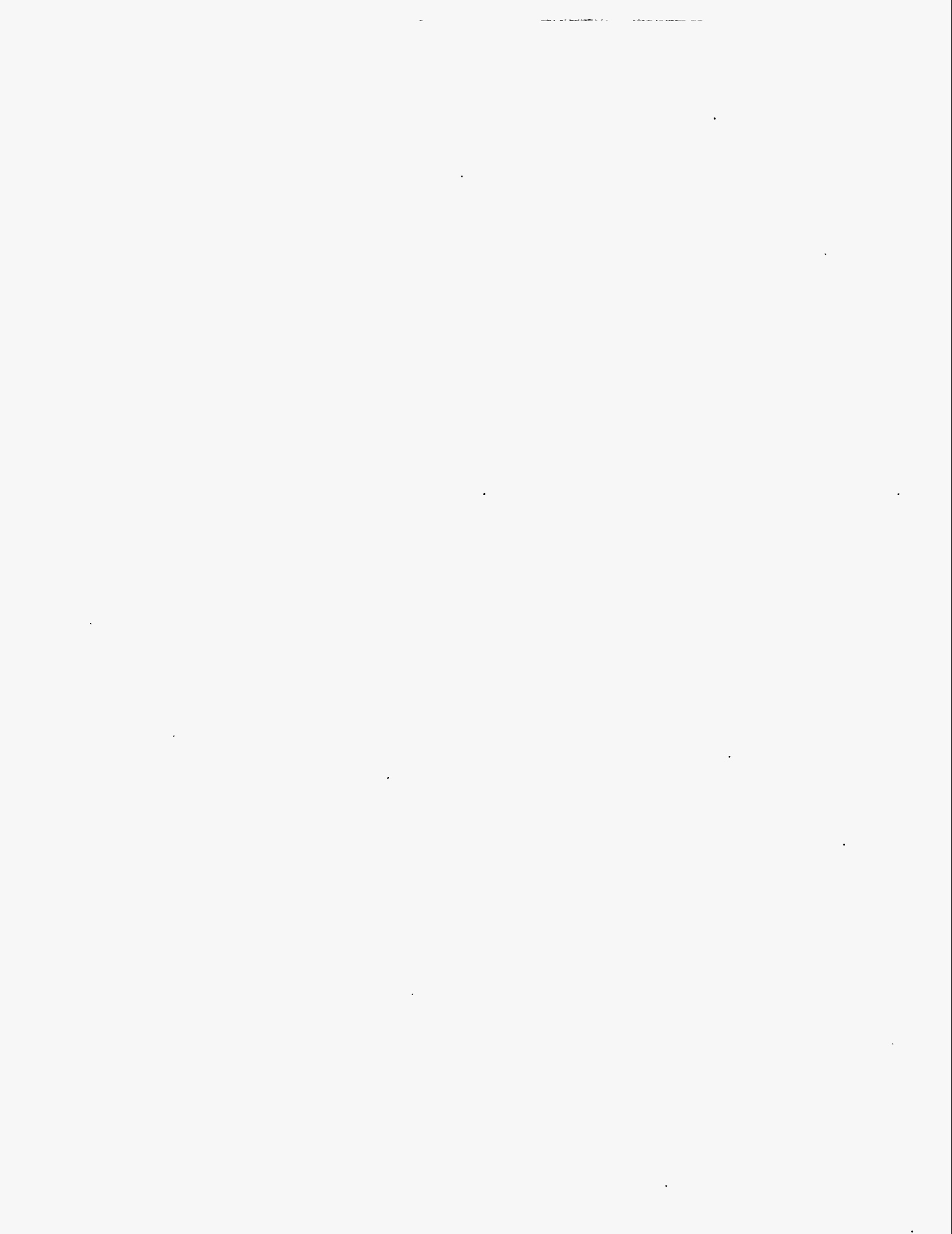
MASTER

ABSTRACT

Environmental monitoring at the Hanford Site, located in southeastern Washington State, is conducted by Battelle Memorial Institute, Pacific Northwest Division, as part of its contract to operate the Pacific Northwest Laboratory (PNL) for the U.S. Department of Energy. The data collected provide a historical record of radionuclide and radiation levels attributable to natural causes, worldwide fallout, and Hanford operations. Data are also collected to monitor several chemicals.

Pacific Northwest Laboratory publishes an annual environmental report for the Hanford Site each calendar year. The Hanford Site Environmental Report for Calendar Year 1994 describes the Site mission and activities, general environmental features, radiological and chemical releases from operations, status of compliance with environmental regulations, status of programs to accomplish compliance, and environmental monitoring activities and results. The report includes a summary of offsite and onsite environmental monitoring data collected during 1994 by PNL's Environmental Monitoring Program. Appendix A of that report contains data summaries created from raw surface and river monitoring data. This volume contains the actual raw data used to create the summaries.

For more information, refer to R. L. Dirkes and R. W. Hanf, 1995, Hanford Site Environmental Report for Calendar Year 1994 (PNL-10574, Pacific Northwest Laboratory, Richland, Washington), or contact R. L. Dirkes, Project Manager, Surface Environmental Surveillance Project, P.O. Box 999, Pacific Northwest Laboratory, Richland, Washington.



INTRODUCTION

The following sections provide tables of data on which much of the information in the Hanford Site Environmental Report for Calendar Year 1994 was based. Information that may help to understand these tables is provided below.

GENERAL

The uncertainties for individual results are the 2 sigma counting errors with the exception of the Thermoluminescent dosimeter (TLD) uncertainties which are reported as 1 sigma measurement errors.

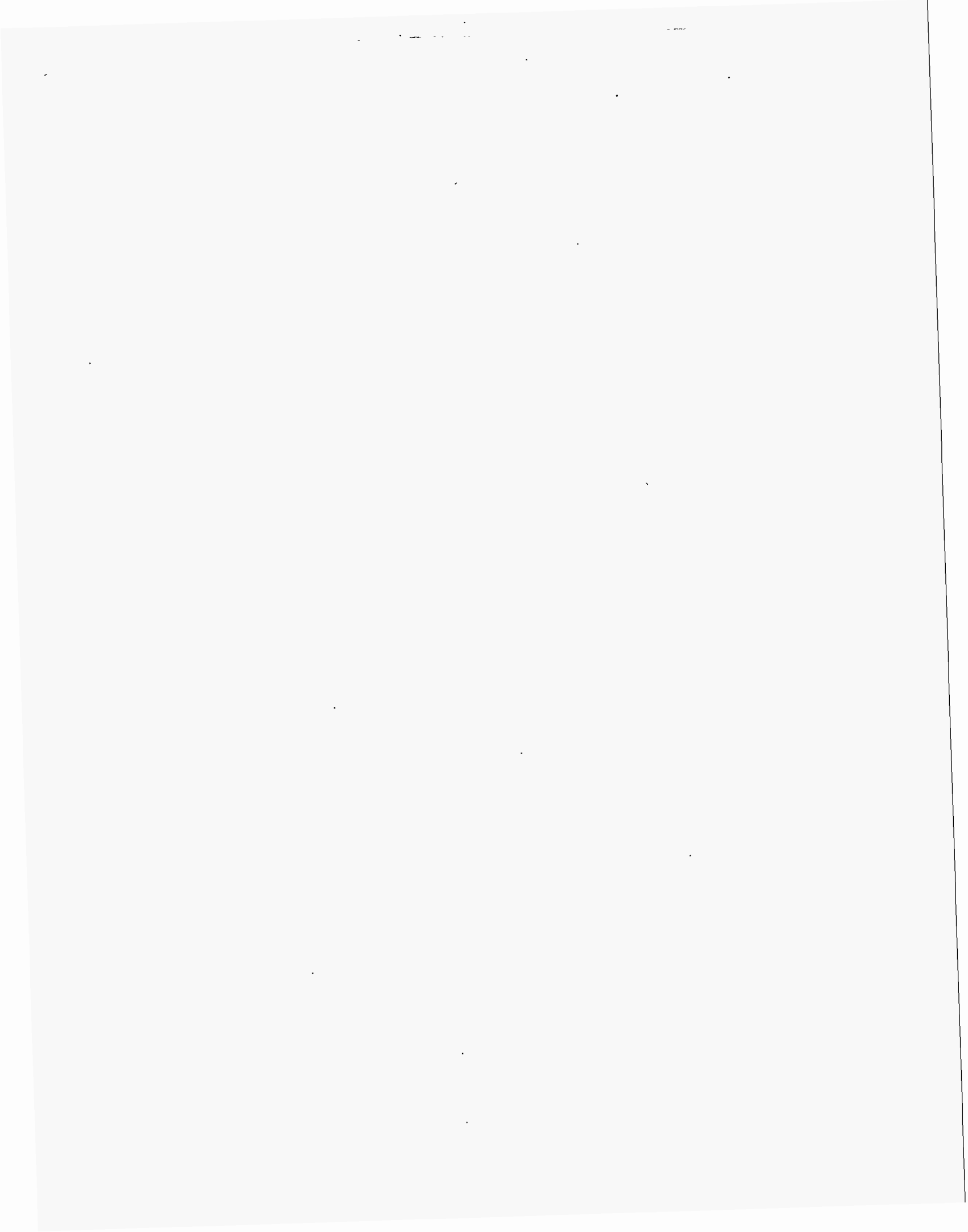
EXTERNAL RADIATION DATA

The TLD readings in this data volume are in milliroentgens per day (mR/day) and have been converted to mrem/year for presentation in the annual report.

LOCATION NAMES

Some location names are different in this data volume than in the annual environmental report. The following is a list of corresponding names that are dissimilar or that might be confused:

<u>Media</u>	<u>Data Base Name</u>	<u>Annual Report Name</u>
Air	Edwin Markham School Leslie Groves-Richland	North Franklin County Richland
Wildlife	100-H to 100-F 100 N Area to 100 D Area	100-D to 100-F Areas 100-N, 100-D
Soil	200 ENC 200 ESE	200-East N Central 200-East SE



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Mean Metal Concentrations in Columbia River Transects	Water.4
Metal Concentrations in Columbia River Riverbank Springs	Water.5
Mean Anion Concentrations in Columbia River Transect and Riverbank Spring Samples	Water.6

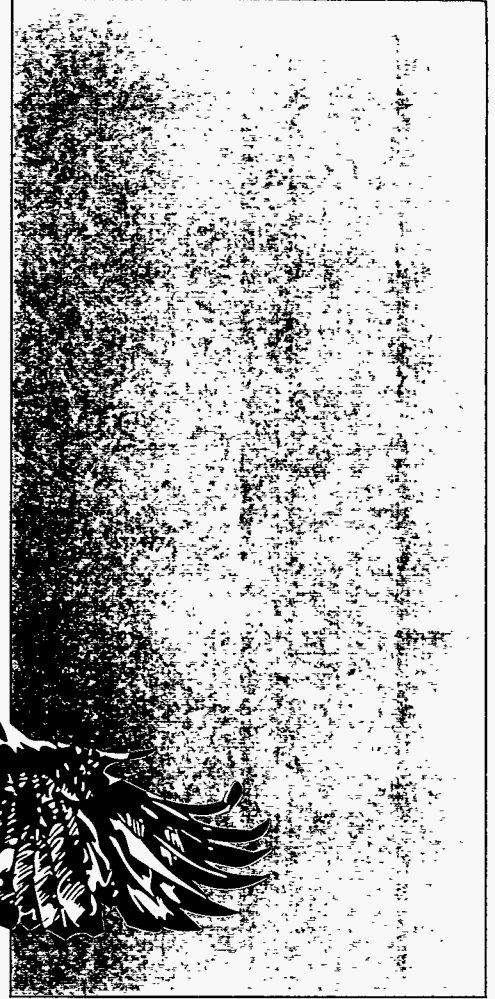
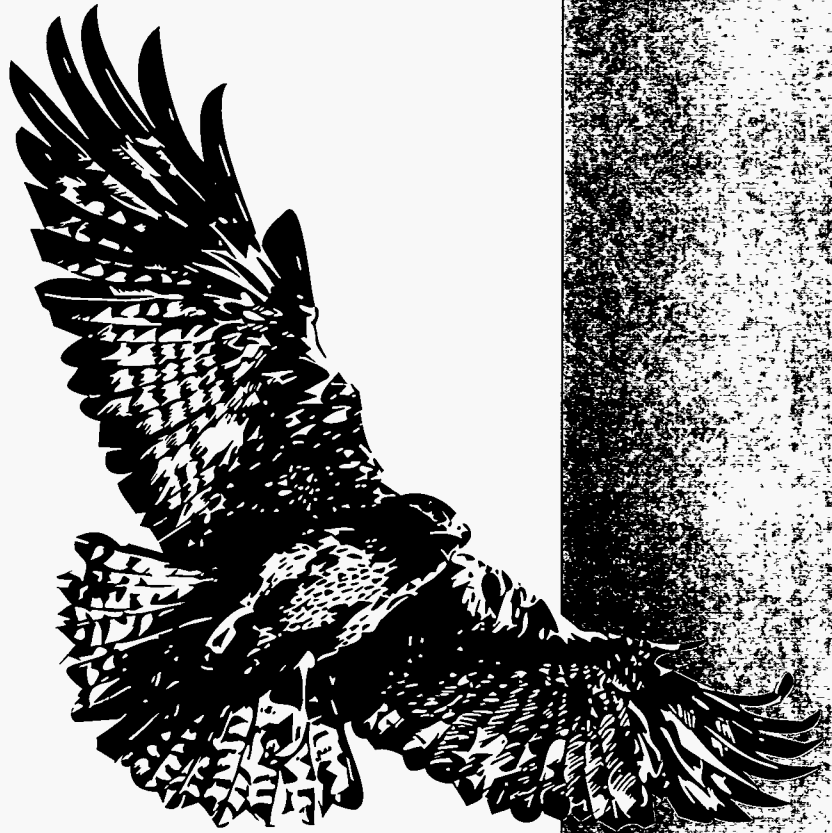
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Distribution of Population in 80-km Radius of the 300 Area by Grid Sector	Dose.2

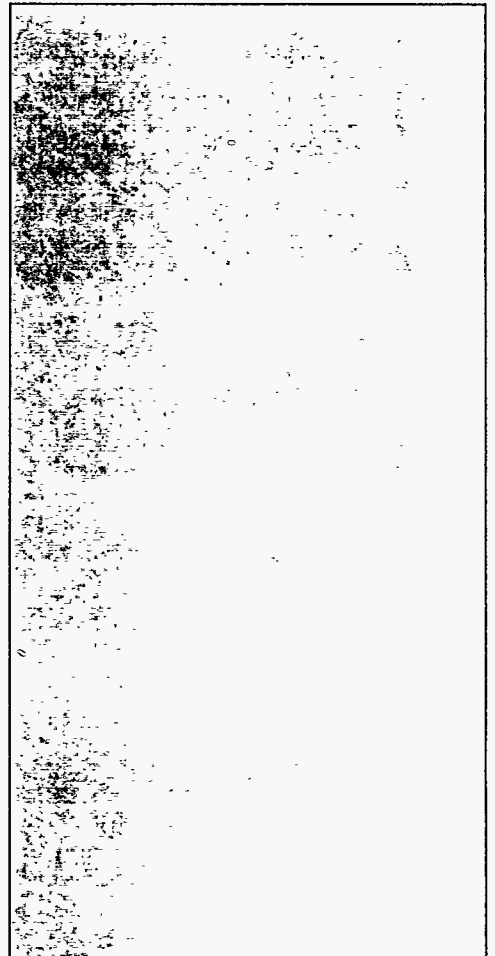
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Annual Average Dispersion Factor (\bar{X}/Q') Around the 400 Area during 1994 for a 10-Meter Release Height	Dose.8

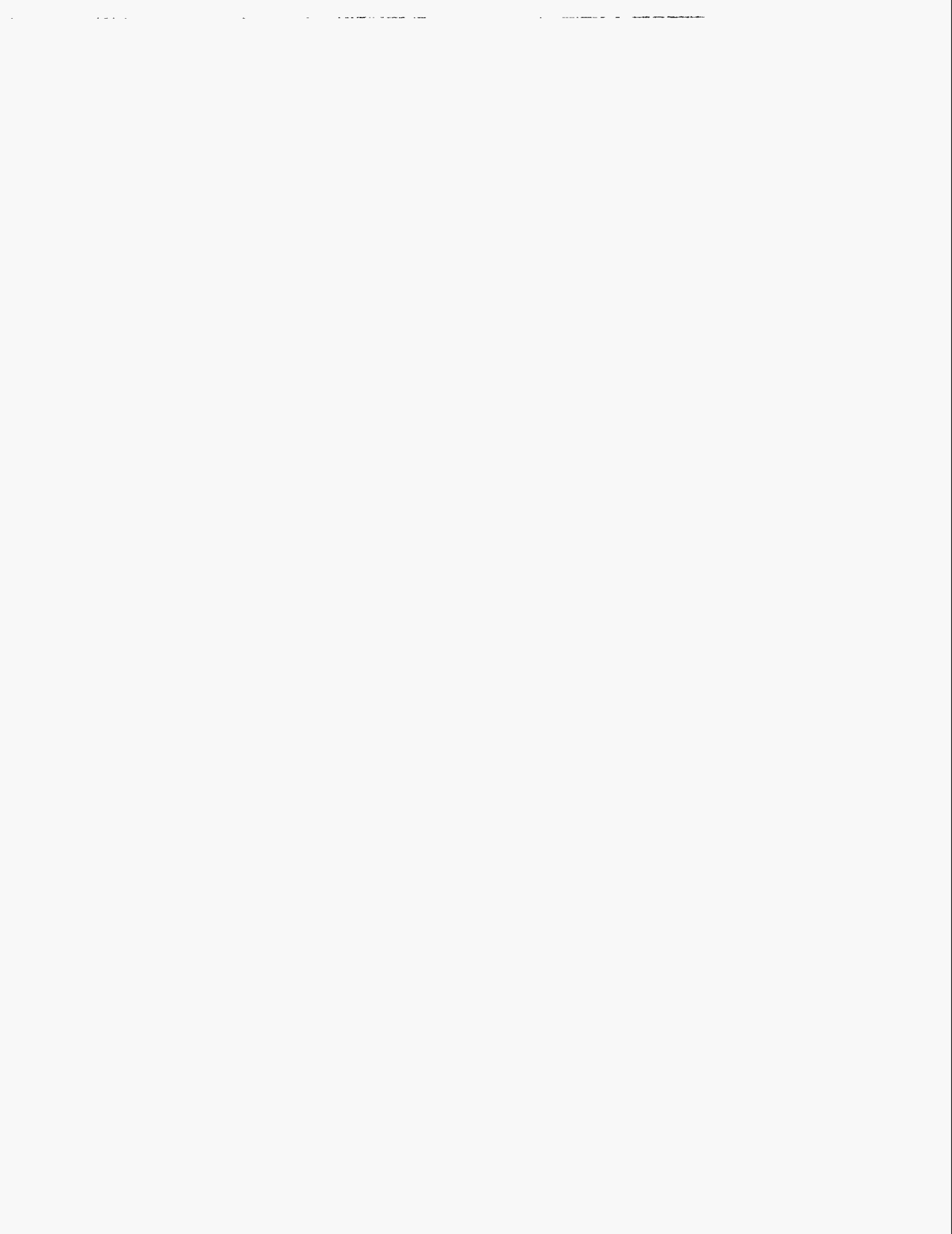
QUALITY ASSURANCE

International Technology (IT) Corporation Performance on Surface Environmental Surveillance Project Blind Samples, 1994	Quality.1
International Technology (IT) Corporation Performance Data on EPA Intercomparison Program Samples, 1994	Quality.2
International Technology (IT) Corporation Performance Data on DOE Quality Assessment Program Samples, 1994	Quality.4
DataChem Laboratory Performance Data on EPA Water Supply and Water Pollution Intercomparison Program Samples, 1994	Quality.6
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Air





SURFACE ENVIRONMENTAL SURVEILLANCE DATA REPORT 01/01/1994 TO 01/05/1995
AIR - PARTICULATE FILTER Page 1

2230 100 K AREA

2231 100 N-1325 CRIB

2232 100 D AREA

OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3	OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3	OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3
01/05/1994		3.290E-04	4.680E-02	01/05/1994		5.740E-04	4.060E-02	01/05/1994		8.080E-04	4.330E-02
		{ 2.420E-04 }	{ 5.190E-03 }			{ 3.110E-04 }	{ 4.400E-03 }			{ 3.630E-04 }	{ 4.720E-03 }
01/19/1994		6.780E-04	1.540E-02	01/19/1994		5.010E-04	1.510E-02	01/19/1994		2.460E-04	1.530E-02
		{ 3.420E-04 }	{ 2.200E-03 }			{ 2.920E-04 }	{ 2.120E-03 }			{ 2.560E-04 }	{ 2.100E-03 }
02/02/1994		4.330E-04	3.850E-02	02/02/1994		5.000E-04	4.210E-02	02/02/1994		8.660E-04	3.760E-02
		{ 2.730E-04 }	{ 4.390E-03 }			{ 2.810E-04 }	{ 4.590E-03 }			{ 3.710E-04 }	{ 4.080E-03 }
02/16/1994		5.320E-04	2.460E-02	02/16/1994		6.810E-04	2.510E-02	02/16/1994		5.080E-04	2.350E-02
		{ 2.990E-04 }	{ 2.940E-03 }			{ 3.290E-04 }	{ 2.970E-03 }			{ 2.850E-04 }	{ 2.840E-03 }
03/02/1994		5.370E-04	1.490E-02	03/02/1994		6.720E-05	6.720E-03	03/02/1994		2.530E-04	1.630E-02
		{ 3.000E-04 }	{ 2.160E-03 }			{ 1.910E-04 }	{ 1.080E-03 }			{ 2.380E-04 }	{ 2.230E-03 }
03/16/1994	1	1.800E-04	3.260E-02	03/16/1994		3.080E-04	4.650E-02	03/16/1994		4.050E-04	3.550E-02
		{ 2.890E-04 }	{ 5.690E-03 }			{ 2.600E-04 }	{ 6.330E-03 }			{ 2.660E-04 }	{ 5.230E-03 }
03/30/1994		4.620E-04	8.810E-03	03/30/1994		3.650E-04	8.970E-03	03/30/1994		4.000E-04	9.320E-03
		{ 2.820E-04 }	{ 1.560E-03 }			{ 2.530E-04 }	{ 1.540E-03 }			{ 2.620E-04 }	{ 1.620E-03 }
04/13/1994		6.700E-04	1.200E-02	04/13/1994		5.700E-04	1.310E-02	04/13/1994		3.810E-04	9.160E-03
		{ 3.320E-04 }	{ 1.870E-03 }			{ 3.170E-04 }	{ 1.940E-03 }			{ 2.720E-04 }	{ 1.550E-03 }
04/27/1994		6.070E-04	1.250E-02	04/27/1994		3.230E-04	1.530E-02	04/27/1994		4.630E-04	1.260E-02
		{ 3.120E-04 }	{ 1.840E-03 }			{ 2.480E-04 }	{ 2.200E-03 }			{ 2.800E-04 }	{ 1.920E-03 }
05/11/1994		1.260E-04	1.570E-02	05/11/1994		3.950E-04	1.540E-02	05/11/1994		5.610E-04	1.590E-02
		{ 1.960E-04 }	{ 2.140E-03 }			{ 2.700E-04 }	{ 2.110E-03 }			{ 3.060E-04 }	{ 2.160E-03 }
05/25/1994		5.980E-04	2.470E-03	05/25/1994		4.700E-04	1.570E-02	05/25/1994		2.610E-04	1.100E-02
		{ 3.190E-04 }	{ 9.240E-04 }			{ 2.840E-04 }	{ 2.150E-03 }			{ 2.300E-04 }	{ 1.790E-03 }
06/08/1994		3.070E-04	9.860E-03	06/08/1994		3.740E-04	1.120E-02	06/08/1994		1.290E-04	7.990E-03
		{ 2.490E-04 }	{ 1.670E-03 }			{ 2.710E-04 }	{ 1.760E-03 }			{ 1.990E-04 }	{ 1.440E-03 }
06/22/1994	2	7.680E-04	9.560E-03	06/22/1994	3	6.850E-04	1.060E-02	06/22/1994	4	1.500E-04	1.010E-02
		{ 3.540E-04 }	{ 1.660E-03 }			{ 3.230E-04 }	{ 1.680E-03 }			{ 2.160E-04 }	{ 1.660E-03 }
07/07/1994		2.680E-04	1.110E-02	07/07/1994		3.430E-04	1.110E-02	07/07/1994		2.300E-04	9.860E-03
		{ 2.330E-04 }	{ 1.760E-03 }			{ 2.580E-04 }	{ 1.740E-03 }			{ 2.280E-04 }	{ 1.570E-03 }
07/20/1994		1.310E-03	1.260E-02	07/20/1994		5.620E-04	1.350E-02	07/20/1994		4.190E-04	1.190E-02
		{ 4.660E-04 }	{ 1.910E-03 }			{ 3.160E-04 }	{ 2.110E-03 }			{ 3.010E-04 }	{ 1.920E-03 }
08/03/1994		5.430E-04	1.690E-02	08/03/1994		4.800E-04	1.820E-02	08/03/1994		6.950E-04	1.700E-02
		{ 2.940E-04 }	{ 2.250E-03 }			{ 3.010E-04 }	{ 2.360E-03 }			{ 3.280E-04 }	{ 2.260E-03 }
08/17/1994		9.450E-04	1.520E-02	08/17/1994		5.250E-04	1.630E-02	08/17/1994		3.830E-04	1.400E-02
		{ 3.870E-04 }	{ 2.200E-03 }			{ 2.990E-04 }	{ 2.200E-03 }			{ 2.730E-04 }	{ 2.020E-03 }
08/31/1994		4.090E-04	1.490E-02	08/31/1994		3.990E-04	1.720E-02	08/31/1994		1.880E-04	1.370E-02
		{ 2.580E-04 }	{ 2.070E-03 }			{ 2.620E-04 }	{ 2.270E-03 }			{ 2.160E-04 }	{ 1.960E-03 }
09/14/1994		3.200E-04	1.250E-02	09/14/1994		2.340E-04	1.210E-02	09/14/1994		3.310E-04	1.230E-02
		{ 2.800E-04 }	{ 1.860E-03 }			{ 2.240E-04 }	{ 1.890E-03 }			{ 2.530E-04 }	{ 1.890E-03 }
09/28/1994		3.200E-04	2.490E-02	09/28/1994		5.990E-04	2.600E-02	09/28/1994	5	NR	NR
		{ 2.460E-04 }	{ 3.090E-03 }			{ 3.280E-04 }	{ 3.110E-03 }				
10/12/1994		6.920E-04	2.190E-02	10/12/1994		6.010E-04	2.360E-02	10/12/1994		5.310E-04	2.040E-02
		{ 3.270E-04 }	{ 2.730E-03 }			{ 3.370E-04 }	{ 2.840E-03 }			{ 2.970E-04 }	{ 2.670E-03 }

SURFACE ENVIRONMENTAL SURVEILLANCE DATA REPORT 01/01/1994 TO 01/05/1995
AIR - PARTICULATE FILTER Page 2

2230 100 K AREA

2231 100 N-1325 CRIB

2232 100 D AREA

OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3	OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3	OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3
10/26/1994		5.780E-04	1.830E-02	10/26/1994		8.680E-04	1.980E-02	10/26/1994		5.460E-04	1.830E-02
		{ 2.960E-04 }	{ 2.460E-03 }			{ 3.750E-04 }	{ 2.540E-03 }			{ 2.980E-04 }	{ 2.360E-03 }
11/09/1994		1.480E-04	9.170E-03	11/09/1994		5.460E-04	1.130E-02	11/09/1994		4.290E-04	1.030E-02
		{ 2.150E-04 }	{ 1.560E-03 }			{ 3.150E-04 }	{ 1.730E-03 }			{ 2.790E-04 }	{ 1.710E-03 }
11/23/1994		2.300E-04	1.290E-02	11/23/1994		4.260E-04	1.480E-02	11/23/1994		4.180E-04	1.500E-02
		{ 2.470E-04 }	{ 1.900E-03 }			{ 2.680E-04 }	{ 2.120E-03 }			{ 2.640E-04 }	{ 2.070E-03 }
12/07/1994		4.540E-04	5.750E-03	12/07/1994		4.580E-04	1.780E-02	12/07/1994		6.090E-04	2.020E-02
		{ 2.850E-04 }	{ 1.230E-03 }			{ 2.850E-04 }	{ 2.420E-03 }			{ 3.200E-04 }	{ 2.530E-03 }
12/21/1994		1.080E-03	3.150E-02	12/21/1994		1.450E-03	3.270E-02	12/21/1994		1.330E-03	3.010E-02
		{ 4.150E-04 }	{ 3.540E-03 }			{ 4.720E-04 }	{ 3.850E-03 }			{ 4.760E-04 }	{ 3.590E-03 }
01/04/1995	6	7.630E-04	2.800E-02	01/04/1995	7	8.060E-04	3.030E-02	01/04/1995	8	4.760E-04	2.100E-02
		{ 3.590E-04 }	{ 3.210E-03 }			{ 3.740E-04 }	{ 3.620E-03 }			{ 2.950E-04 }	{ 2.720E-03 }
MEAN		5.291E-04	1.775E-02	MEAN		5.226E-04	1.957E-02	MEAN		4.622E-04	1.776E-02
MINIMUM		1.260E-04	2.470E-03	MINIMUM		6.720E-05	4.150E-03	MINIMUM		1.290E-04	7.990E-03
MAXIMUM		1.310E-03	4.680E-02	MAXIMUM		1.450E-03	4.650E-02	MAXIMUM		1.330E-03	4.330E-02
2STD. ERR		4.362E-03	3.782E-03	2STD. ERR		4.340E-03	3.698E-03	2STD. ERR		4.456E-03	3.658E-03

- < - Result less than the 2 sigma Total Propagated Analytical Uncertainty which includes the 2 sigma counting error and analytical error
- { } - Total Propagated Analytical Uncertainty.
- NR - No result reported.
- nra - Not routinely analyzed or analyzed on a less frequent basis
- * - Analyzed as part of a composite sample only
- 1 LOWER THAN NORMAL EXPOSURE HOURS, BREAKER WAS TURNED OFF.
- 2 BETA RESULT MODIFIED PER 8/4/94 REPORT.
- 3 BETA RESULT MODIFIED PER 8/4/94 REPORT.
- 4 BETA RESULT MODIFIED PER 8/4/94 REPORT.
- 5 NO SAMPLE.
- 6 ICE ON PARTICLE FILTER HEAD.
- 7 ICE ON PARTICLE FILTER HEAD.
- 8 ICE ON PARTICLE FILTER HEAD.

SURFACE ENVIRONMENTAL SURVEILLANCE DATA REPORT 01/01/1994 TO 01/05/1995
AIR - PARTICULATE FILTER Page 3

2227 100 AREAS-100 K AREA,100 N-1325 CRIB,100 D AREA (FILTER1 , PARTICULATE)

OFF DATE	COM	BE-7 PCI/M3	CO-60 PCI/M3	CS-134 PCI/M3	CS-137 PCI/M3	K-40 PCI/M3	PU-238 PCI/M3	PU39-40 PCI/M3	RU-106 PCI/M3
03/30/1994	1	8.930E-02 { 1.250E-02}	3.680E-04 { 2.790E-04}	< -1.290E-04 { 1.820E-04}	2.190E-06 { 1.810E-04}	1.120E-03 { 3.840E-03}	nra	nra	1.210E-04 { 1.620E-03}
07/07/1994	2	1.740E-01 { 2.150E-02}	6.650E-04 { 4.110E-04}	1.150E-04 { 2.100E-04}	< -2.020E-05 { 2.340E-04}	4.450E-03 { 2.790E-03}	nra	nra	< -2.620E-03 { 2.470E-03}
09/28/1994	3	1.950E-01 { 2.540E-02}	3.990E-04 { 3.480E-04}	< -2.500E-04 { 2.660E-04}	8.930E-05 { 2.400E-04}	1.590E-02 { 5.270E-03}	nra	nra	< -2.130E-03 { 2.410E-03}
01/04/1995	4	8.480E-02 { 1.470E-02}	1.280E-04 { 1.660E-04}	3.910E-05 { 1.740E-04}	1.320E-04 { 1.680E-04}	4.630E-03 { 4.760E-03}	< -6.960E-08 { 1.610E-06}	1.840E-06 { 1.960E-06}	3.440E-04 { 1.670E-03}
MEAN		1.358E-01	3.900E-04	-5.623E-05	5.082E-05	6.525E-03	-6.960E-08	1.840E-06	-1.071E-03
MINIMUM		8.480E-02	1.280E-04	< -2.500E-04	< -2.020E-05	1.120E-03	< -6.960E-08	1.840E-06	< -2.620E-03
MAXIMUM		1.950E-01	6.650E-04	1.150E-04	1.320E-04	1.590E-02	< -6.960E-08	1.840E-06	3.440E-04
2STD. ERR		5.694E-02	2.197E-04	1.646E-04	7.183E-05	6.455E-03	.000E+00	.000E+00	1.521E-03

2227 100 AREAS-100 K AREA,100 N-1325 CRIB,100 D AREA (FILTER1 , PARTICULATE)

OFF DATE	COM	SR-90 PCI/M3
03/30/1994		nra
07/07/1994		nra
09/28/1994		nra
01/04/1995	<	-9.940E-07 { 3.700E-05 }
MEAN		-9.940E-07
MINIMUM	<	-9.940E-07
MAXIMUM	<	-9.940E-07
2STD. ERR		.000E+00

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis
 * - Analyzed as part of a composite sample only

- 1 Comment for sample 2230 on 03/16/1994
 LOWER THAN NORMAL EXPOSURE HOURS, BREAKER WAS TURNED OFF.
- 2 Comment for sample 2230 on 06/22/1994
 BETA RESULT MODIFIED PER 8/4/94 REPORT.
 Comment for sample 2231 on 06/22/1994
 BETA RESULT MODIFIED PER 8/4/94 REPORT.
 Comment for sample 2232 on 06/22/1994
 BETA RESULT MODIFIED PER 8/4/94 REPORT.
- 3 Comment for sample 2232 on 09/28/1994
 NO SAMPLE.
- 4 Comment for sample 2230 on 01/04/1995
 ICE ON PARTICLE FILTER HEAD.
 Comment for sample 2231 on 01/04/1995
 ICE ON PARTICLE FILTER HEAD.
 Comment for sample 2232 on 01/04/1995
 ICE ON PARTICLE FILTER HEAD.
 TOTAL SAMPLE SIZE WAS REREPORTED BY LAB ON 7/13/95.

SURFACE ENVIRONMENTAL SURVEILLANCE DATA REPORT 01/01/1994 TO 01/05/1995
AIR - PARTICULATE FILTER
Page 5

2238 E OF 200 E

2239 200 ESE

2241 S OF 200 E

OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3	OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3	OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3
01/12/1994		4.620E-04	3.060E-02	01/12/1994		7.940E-04	2.990E-02	01/12/1994		6.400E-04	2.880E-02
		{ 2.800E-04 }	{ 3.490E-03 }			{ 3.580E-04 }	{ 3.570E-03 }			{ 3.280E-04 }	{ 3.360E-03 }
01/26/1994		6.040E-04	2.490E-02	01/26/1994		2.760E-04	2.670E-02	01/26/1994		3.380E-04	2.710E-02
		{ 3.250E-04 }	{ 3.100E-03 }			{ 2.510E-04 }	{ 3.270E-03 }			{ 2.820E-04 }	{ 3.210E-03 }
02/09/1994		6.920E-04	3.620E-02	02/09/1994		5.130E-04	3.360E-02	02/09/1994		7.250E-04	3.460E-02
		{ 3.260E-04 }	{ 4.190E-03 }			{ 3.100E-04 }	{ 3.730E-03 }			{ 3.340E-04 }	{ 4.040E-03 }
02/23/1994		3.330E-04	1.030E-02	02/23/1994		3.080E-04	1.090E-02	02/23/1994		7.900E-04	1.350E-02
		{ 2.550E-04 }	{ 1.660E-03 }			{ 2.490E-04 }	{ 1.700E-03 }			{ 3.590E-04 }	{ 1.950E-03 }
03/09/1994		3.020E-04	1.460E-02	03/09/1994		5.140E-04	1.610E-02	03/09/1994		3.610E-04	1.550E-02
		{ 2.560E-04 }	{ 2.040E-03 }			{ 3.150E-04 }	{ 2.260E-03 }			{ 2.700E-04 }	{ 2.130E-03 }
03/23/1994		9.870E-06	9.650E-03	03/23/1994		8.130E-04	1.200E-02	03/23/1994		5.170E-04	1.210E-02
		{ 1.860E-04 }	{ 1.630E-03 }			{ 3.670E-04 }	{ 1.820E-03 }			{ 3.170E-04 }	{ 1.880E-03 }
04/06/1994		6.080E-04	1.390E-02	04/06/1994		2.780E-04	1.440E-02	04/06/1994		6.210E-04	1.170E-02
		{ 3.400E-04 }	{ 2.020E-03 }			{ 2.540E-04 }	{ 2.120E-03 }			{ 3.160E-04 }	{ 1.780E-03 }
04/20/1994		7.720E-04	1.080E-02	04/20/1994		7.240E-04	1.140E-02	04/20/1994		5.960E-04	1.240E-02
		{ 3.510E-04 }	{ 1.700E-03 }			{ 3.340E-04 }	{ 1.750E-03 }			{ 3.120E-04 }	{ 1.920E-03 }
05/04/1994		3.940E-04	1.780E-02	05/04/1994		5.470E-04	1.060E-02	05/04/1994		6.730E-04	1.220E-02
		{ 2.600E-04 }	{ 1.700E-03 }			{ 3.060E-04 }	{ 1.750E-03 }			{ 3.270E-04 }	{ 1.830E-03 }
05/18/1994		4.110E-04	1.190E-02	05/18/1994		5.270E-04	1.510E-02	05/18/1994		3.210E-04	1.490E-02
		{ 2.790E-04 }	{ 1.800E-03 }			{ 3.040E-04 }	{ 2.180E-03 }			{ 2.580E-04 }	{ 2.060E-03 }
06/01/1994		8.130E-04	1.030E-02	06/01/1994		3.910E-04	1.110E-02	06/01/1994		9.890E-05	1.200E-02
		{ 3.730E-04 }	{ 1.680E-03 }			{ 2.910E-04 }	{ 1.730E-03 }			{ 2.150E-04 }	{ 1.830E-03 }
06/15/1994		2.610E-04	7.200E-03	06/15/1994		6.190E-04	8.010E-03	06/15/1994		3.330E-04	8.020E-03
		{ 2.300E-04 }	{ 1.380E-03 }			{ 3.160E-04 }	{ 1.450E-03 }			{ 2.660E-04 }	{ 1.460E-03 }
06/29/1994		2.110E-04	1.060E-02	06/29/1994		9.790E-04	1.260E-02	06/29/1994		6.840E-04	1.460E-02
		{ 2.230E-04 }	{ 1.730E-03 }			{ 3.800E-04 }	{ 1.870E-03 }			{ 3.300E-04 }	{ 2.070E-03 }
07/13/1994		2.690E-04	8.150E-03	07/13/1994		3.010E-04	7.660E-03	07/13/1994		7.030E-05	1.060E-02
		{ 2.370E-04 }	{ 1.500E-03 }			{ 2.460E-04 }	{ 1.440E-03 }			{ 1.960E-04 }	{ 1.760E-03 }
07/26/1994		3.820E-04	1.780E-02	07/26/1994		4.170E-04	1.570E-02	07/26/1994		1.690E-04	1.540E-02
		{ 2.760E-04 }	{ 2.470E-03 }			{ 2.990E-04 }	{ 2.220E-03 }			{ 2.360E-04 }	{ 2.250E-03 }
08/10/1994		4.810E-04	1.550E-02	08/10/1994		7.490E-04	1.370E-02	08/10/1994		5.570E-04	1.400E-02
		{ 2.780E-04 }	{ 2.090E-03 }			{ 3.310E-04 }	{ 1.930E-03 }			{ 2.840E-04 }	{ 1.950E-03 }
08/24/1994		2.990E-04	1.450E-02	08/24/1994		3.880E-04	1.440E-02	08/24/1994		4.760E-04	1.510E-02
		{ 2.570E-04 }	{ 2.070E-03 }			{ 2.790E-04 }	{ 2.020E-03 }			{ 3.050E-04 }	{ 2.160E-03 }
09/07/1994		1.510E-04	1.430E-02	09/07/1994		2.940E-04	1.510E-02	09/07/1994		2.840E-04	1.570E-02
		{ 2.170E-04 }	{ 2.010E-03 }			{ 2.400E-04 }	{ 2.180E-03 }			{ 2.360E-04 }	{ 2.140E-03 }
09/21/1994	1	NR	NR	09/21/1994		5.660E-04	1.610E-02	09/21/1994		5.780E-04	1.430E-02
						{ 3.200E-04 }	{ 2.170E-03 }			{ 3.050E-04 }	{ 2.080E-03 }
10/05/1994		8.490E-04	2.810E-02	10/05/1994		7.810E-04	2.840E-02	10/05/1994		5.070E-04	2.380E-02
		{ 3.900E-04 }	{ 3.240E-03 }			{ 3.750E-04 }	{ 3.330E-03 }			{ 2.850E-04 }	{ 3.000E-03 }
10/19/1994		2.350E-04	2.280E-02	10/19/1994	2	NR	NR	10/19/1994		7.700E-04	2.460E-02
		{ 2.250E-04 }	{ 2.760E-03 }							{ 3.470E-04 }	{ 2.920E-03 }

SURFACE ENVIRONMENTAL SURVEILLANCE DATA REPORT 01/01/1994 TO 01/05/1995
 AIR - PARTICULATE FILTER Page 6

2238 E OF 200 E

2239 200 ESE

2241 S OF 200 E

OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3	OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3	OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3
11/02/1994		6.560E-04 { 3.400E-04}	1.210E-02 { 1.880E-03}	11/02/1994		3.260E-04 { 2.620E-04}	1.110E-02 { 1.710E-03}	11/02/1994		5.660E-04 { 3.060E-04}	1.180E-02 { 1.780E-03}
11/16/1994		4.170E-04 { 2.930E-04}	1.520E-02 { 2.100E-03}	11/16/1994		4.810E-04 { 2.800E-04}	1.340E-02 { 1.930E-03}	11/16/1994		5.470E-04 { 2.970E-04}	1.430E-02 { 2.040E-03}
11/30/1994		7.640E-04 { 3.600E-04}	1.450E-02 { 2.020E-03}	11/30/1994		5.760E-04 { 3.110E-04}	1.660E-02 { 2.170E-03}	11/30/1994		7.170E-04 { 3.380E-04}	1.400E-02 { 2.000E-03}
12/14/1994	3	NR	NR	12/14/1994		1.160E-03 { 4.330E-04}	3.220E-02 { 3.600E-03}	12/14/1994		1.030E-03 { 4.110E-04}	3.160E-02 { 3.630E-03}
12/28/1994		6.550E-04 { 3.310E-04}	2.120E-02 { 2.720E-03}	12/28/1994		7.970E-04 { 3.670E-04}	2.320E-02 { 2.810E-03}	12/28/1994	4	NR	NR
MEAN		4.596E-04	1.608E-02	MEAN		5.648E-04	1.680E-02	MEAN		5.188E-04	1.690E-02
MINIMUM		9.870E-06	7.200E-03	MINIMUM		2.760E-04	7.660E-03	MINIMUM		7.030E-05	8.020E-03
MAXIMUM		8.490E-04	3.620E-02	MAXIMUM		1.160E-03	3.360E-02	MAXIMUM		1.030E-03	3.460E-02
2STD. ERR		3.510E-03	2.590E-03	2STD. ERR		3.521E-03	2.836E-03	2STD. ERR		3.364E-03	2.793E-03

- < - Result less than the 2 sigma Total Propagated Analytical Uncertainty which includes the 2 sigma counting error and analytical error
- { } - Total Propagated Analytical Uncertainty.
- NR - No result reported.
- nra - Not routinely analyzed or analyzed on a less frequent basis
- * - Analyzed as part of a composite sample only
- 1 NO SAMPLE. FILTER PARTIALLY DESTROYED.
- 2 NO SAMPLE. SAVE FOR COMPOSITE ONLY.
- 3 NO SAMPLE. LOW EXPOSURE HOURS, SAVE FOR COMPOSITE.
- 4 NO SAMPLE. POWER OUTAGE.

2236 200 E AREA-E OF 200 E, 200 ESE, S OF 200 E (FILTER1 , PARTICULATE)

OFF DATE	COM	AM-241 PCI/M3	BE-7 PCI/M3	CO-60 PCI/M3	CS-134 PCI/M3	CS-137 PCI/M3	K-40 PCI/M3	PU-238 PCI/M3	PU39-40 PCI/M3
03/23/1994		nra	1.090E-01	< -5.880E-05	< -2.330E-04	< -1.510E-04	1.020E-02	nra	nra
			{ 1.570E-02 }	{ 2.040E-04 }	{ 2.250E-04 }	{ 1.910E-04 }	{ 3.930E-03 }		
06/29/1994		nra	1.830E-01	3.680E-05	7.490E-05	1.870E-04	3.320E-03	nra	nra
			{ 2.220E-02 }	{ 1.890E-04 }	{ 1.700E-04 }	{ 1.650E-04 }	{ 3.800E-03 }		
10/05/1994	1	nra	1.900E-01	1.310E-04	9.460E-05	1.040E-04	4.530E-03	nra	nra
			{ 2.410E-02 }	{ 1.180E-04 }	{ 1.810E-04 }	{ 1.810E-04 }	{ 4.770E-03 }		
12/28/1994	2	4.980E-07	7.860E-02	< -4.440E-05	< -9.020E-05	< -2.070E-04	5.800E-03	< -1.630E-06	1.240E-06
		{ 1.480E-06 }	{ 1.330E-02 }	{ 2.870E-04 }	{ 2.520E-04 }	{ 2.660E-04 }	{ 5.790E-03 }	{ 2.730E-06 }	{ 2.700E-06 }
MEAN		4.980E-07	1.402E-01	1.615E-05	-3.843E-05	-1.675E-05	5.963E-03	-1.630E-06	1.240E-06
MINIMUM		4.980E-07	7.860E-02	< -5.880E-05	< -2.330E-04	< -2.070E-04	3.320E-03	< -1.630E-06	1.240E-06
MAXIMUM		4.980E-07	1.900E-01	1.310E-04	9.460E-05	1.870E-04	1.020E-02	< -1.630E-06	1.240E-06
2STD. ERR		.000E+00	5.501E-02	8.737E-05	1.539E-04	1.918E-04	3.001E-03	.000E+00	.000E+00

2236 200 E AREA-E OF 200 E, 200 ESE, S OF 200 E (FILTER1 , PARTICULATE)

OFF DATE	COM	RU-106 PCI/M3	SR-90 PCI/M3	U-234 PCI/M3	U-235 PCI/M3	U-238 PCI/M3	UIISO TOTAL PCI/M3
03/23/1994	<	-1.580E-03 { 2.420E-03}	nra	nra	nra	nra	nra
06/29/1994		3.870E-04 { 1.440E-03}	nra	nra	nra	nra	nra
10/05/1994		1.840E-03 { 1.850E-03}	nra	nra	nra	nra	nra
12/28/1994	<	-2.610E-03 { 2.550E-03}	1.340E-05 { 4.010E-05}	1.980E-05 { 6.380E-06}	9.420E-07 { 1.950E-06}	1.460E-05 { 5.280E-06}	3.534E-05 { 9.000E-06}
MEAN		-4.908E-04	1.340E-05	1.980E-05	9.420E-07	1.460E-05	3.534E-05
MINIMUM	<	-2.610E-03	1.340E-05	1.980E-05	9.420E-07	1.460E-05	3.534E-05
MAXIMUM		1.840E-03	1.340E-05	1.980E-05	9.420E-07	1.460E-05	3.534E-05
2STD. ERR		1.990E-03	.000E+00	.000E+00	.000E+00	.000E+00	.000E+00

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis
 * - Analyzed as part of a composite sample only
 1 Comment for sample 2238 on 09/21/1994
 NO SAMPLE. FILTER PARTIALLY DESTROYED.
 2 Comment for sample 2239 on 10/19/1994
 BETA NO SAMPLE. SAVE FOR COMPOSITE ONLY.
 Comment for sample 2238 on 12/14/1994
 BETA NO SAMPLE. LOW EXPOSURE HOURS, SAVE FOR COMPOSITE.
 Comment for sample 2241 on 12/28/1994
 BETA NO SAMPLE. POWER OUTAGE.
 TOTAL SAMPLE SIZE WAS REREPORTED BY LAB ON 7/13/95.

2244 B POND

2245 B POND *

OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3
01/12/1994		nra	nra
01/26/1994		nra	nra
02/09/1994		nra	nra
02/23/1994		nra	nra
03/09/1994		nra	nra
03/23/1994		nra	nra
04/06/1994		nra	nra
04/20/1994	1	nra	nra
05/04/1994		nra	nra
05/18/1994		nra	nra
06/01/1994	2	nra	nra
06/15/1994	3	nra	nra
06/29/1994		nra	nra
07/13/1994		4.200E-04	9.480E-03
		{ 2.780E-04}	{ 1.590E-03}
07/26/1994		NR	NR
08/10/1994		5.360E-04	1.250E-02
		{ 2.900E-04}	{ 1.890E-03}
08/24/1994		3.750E-04	1.290E-02
		{ 2.680E-04}	{ 1.920E-03}
09/07/1994		3.340E-04	1.480E-02
		{ 2.670E-04}	{ 2.050E-03}
09/21/1994		5.710E-04	1.590E-02
		{ 3.090E-04}	{ 2.190E-03}
10/05/1994		3.210E-04	2.450E-02
		{ 2.360E-04}	{ 3.050E-03}
10/19/1994		3.690E-04	2.140E-02
		{ 2.650E-04}	{ 2.770E-03}

2244 B POND

2245 B POND *

OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3
11/02/1994		4.220E-04	1.140E-02
		{ 2.660E-04 }	{ 1.800E-03 }
11/16/1994		6.020E-04	1.210E-02
		{ 3.330E-04 }	{ 1.810E-03 }
11/30/1994		6.730E-04	1.250E-02
		{ 3.410E-04 }	{ 1.850E-03 }
12/14/1994		1.180E-03	3.110E-02
		{ 4.250E-04 }	{ 3.500E-03 }
12/28/1994		7.230E-04	2.080E-02
		{ 3.410E-04 }	{ 2.630E-03 }

MEAN		5.438E-04	1.662E-02
MINIMUM		3.210E-04	9.480E-03
MAXIMUM		1.180E-03	3.110E-02
2STD. ERR		5.051E-03	3.743E-03

- < - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
- { } - Total Propagated Analytical Uncertainty.
- NR - No result reported.
- nra - Not routinely analyzed or analyzed on a less frequent basis
- * - Analyzed as part of a composite sample only
- 1 CONSTRUCTION IN AREA.
- 2 CONSTRUCTION IN AREA.
- 3 CONSTRUCTION IN AREA.

SURFACE ENVIRONMENTAL SURVEILLANCE DATA REPORT 01/01/1994 TO 01/05/1995
AIR - PARTICULATE FILTER Page 11

2242 B POND-B POND, B POND (FILTER1 , PARTICULATE)

OFF DATE	COM	BE-7 PCI/M3	CO-60 PCI/M3	CS-134 PCI/M3	CS-137 PCI/M3	K-40 PCI/M3	PU-238 PCI/M3	PU39-40 PCI/M3	RU-106 PCI/M3
03/23/1994		1.180E-01	4.090E-05	< -2.580E-04	< -1.350E-04	6.440E-03	nra	nra	< -4.760E-04
		{ 1.900E-02}	{ 3.750E-04}	{ 2.550E-04}	{ 3.220E-04}	{ 5.930E-03}			{ 2.710E-03}
06/29/1994	1	1.530E-01	3.070E-05	1.980E-05	< -1.150E-05	5.940E-03	nra	nra	1.620E-04
		{ 2.170E-02}	{ 2.380E-04}	{ 2.030E-04}	{ 2.310E-04}	{ 5.330E-03}			{ 1.920E-03}
10/05/1994		1.990E-01	< -2.900E-04	< -1.900E-04	< -1.960E-04	4.250E-03	nra	nra	1.140E-03
		{ 2.700E-02}	{ 3.830E-04}	{ 2.800E-04}	{ 3.060E-04}	{ 6.050E-03}			{ 2.690E-03}
12/28/1994	2	6.440E-02	3.520E-04	< -5.110E-05	1.120E-04	2.220E-03	< -5.800E-07	5.500E-07	5.850E-05
		{ 1.220E-02}	{ 2.870E-04}	{ 2.870E-04}	{ 2.490E-04}	{ 7.310E-03}	{ 1.680E-06}	{ 2.110E-06}	{ 2.800E-03}
MEAN		1.336E-01	3.340E-05	-1.198E-04	-5.763E-05	4.713E-03	-5.800E-07	5.500E-07	2.211E-04
MINIMUM		6.440E-02	< -2.900E-04	< -2.580E-04	< -1.960E-04	2.220E-03	< -5.800E-07	5.500E-07	< -4.760E-04
MAXIMUM		1.990E-01	3.520E-04	1.980E-05	1.120E-04	6.440E-03	< -5.800E-07	5.500E-07	1.140E-03
2STD. ERR		5.682E-02	2.621E-04	1.268E-04	1.367E-04	1.908E-03	.000E+00	.000E+00	6.734E-04

2242 B POND-B POND, B POND (FILTER1 , PARTICULATE)

OFF DATE	COM	SR-90 PCI/M3	U-234 PCI/M3	U-235 PCI/M3	U-238 PCI/M3	UISO TOTAL PCI/M3
03/23/1994		nra	nra	nra	nra	nra
06/29/1994		nra	nra	nra	nra	nra
10/05/1994		nra	nra	nra	nra	nra
12/28/1994		< -2.780E-05 { 5.140E-05 }	1.590E-05 { 6.820E-06 }	5.310E-07 { 1.400E-06 }	1.610E-05 { 6.580E-06 }	3.253E-05 { 1.000E-05 }
MEAN		-2.780E-05	1.590E-05	5.310E-07	1.610E-05	3.253E-05
MINIMUM		< -2.780E-05	1.590E-05	5.310E-07	1.610E-05	3.253E-05
MAXIMUM		< -2.780E-05	1.590E-05	5.310E-07	1.610E-05	3.253E-05
2STD. ERR		.000E+00	.000E+00	.000E+00	.000E+00	.000E+00

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
which includes the 2 sigma counting error and analytical error
{ } - Total Propagated Analytical Uncertainty.
NR - No result reported.
nra - Not routinely analyzed or analyzed on a less frequent basis
* - Analyzed as part of a composite sample only

1 Comment for sample 2244 on 04/20/1994
CONSTRUCTION IN AREA.
Comment for sample 2244 on 06/01/1994
BETA CONSTRUCTION IN AREA.
Comment for sample 2244 on 06/15/1994
BETA CONSTRUCTION IN AREA.
Comment for sample 2245 on 04/20/1994
BETA CONSTRUCTION IN AREA.
Comment for sample 2245 on 06/01/1994
CONSTRUCTION IN AREA.
Comment for sample 2245 on 06/15/1994
CONSTRUCTION IN AREA.

2 TOTAL SAMPLE SIZE WAS REREPORTED BY LAB ON 7/13/95.

2248 ARMY LOOP CAMP

2249 200 TEL. EXCHANGE

OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3
01/12/1994		7.420E-04 { 3.530E-04}	3.060E-02 { 3.470E-03}
01/26/1994		4.430E-04 { 2.870E-04}	2.950E-02 { 3.360E-03}
02/09/1994		3.540E-04 { 2.560E-04}	3.490E-02 { 3.930E-03}
02/23/1994		2.430E-04 { 2.300E-04}	1.040E-02 { 1.660E-03}
03/09/1994		6.220E-04 { 3.280E-04}	1.620E-02 { 2.190E-03}
03/23/1994		4.110E-04 { 2.790E-04}	1.010E-02 { 1.630E-03}
04/06/1994		4.270E-04 { 2.900E-04}	1.240E-02 { 1.910E-03}
04/20/1994		2.620E-04 { 2.310E-04}	9.510E-03 { 1.590E-03}
05/04/1994		6.110E-04 { 3.200E-04}	1.220E-02 { 1.890E-03}
05/18/1994		5.140E-04 { 3.080E-04}	1.440E-02 { 2.100E-03}
06/01/1994	1	8.110E-04 { 4.540E-04}	1.600E-02 { 2.680E-03}
06/15/1994		6.030E-04 { 3.080E-04}	9.030E-03 { 1.540E-03}
06/29/1994	2	NR	NR
07/13/1994		5.910E-04 { 3.100E-04}	1.080E-02 { 1.700E-03}
07/26/1994		6.820E-04 { 3.500E-04}	1.740E-02 { 2.340E-03}
08/10/1994		6.940E-04 { 3.260E-04}	1.180E-02 { 1.750E-03}
08/24/1994		5.410E-04 { 3.020E-04}	1.430E-02 { 2.100E-03}
09/07/1994		2.880E-04 { 2.260E-04}	1.580E-02 { 2.240E-03}
09/21/1994		1.010E-03 { 3.940E-04}	1.710E-02 { 2.380E-03}
10/05/1994		5.840E-04 { 3.240E-04}	2.500E-02 { 2.960E-03}
10/19/1994		8.500E-04 { 3.600E-04}	2.420E-02 { 3.020E-03}

OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3
01/12/1994		8.980E-04 { 3.900E-04}	2.800E-02 { 3.330E-03}
01/26/1994		4.970E-04 { 2.930E-04}	2.820E-02 { 3.320E-03}
02/09/1994		7.750E-04 { 3.520E-04}	3.380E-02 { 3.940E-03}
02/23/1994		9.170E-05 { 1.680E-04}	9.730E-03 { 1.660E-03}
03/09/1994		3.740E-04 { 2.800E-04}	1.610E-02 { 2.210E-03}
03/23/1994		4.370E-04 { 2.850E-04}	9.430E-03 { 1.570E-03}
04/06/1994		4.090E-04 { 3.010E-04}	1.090E-02 { 1.720E-03}
04/20/1994		4.350E-04 { 2.860E-04}	1.310E-02 { 1.970E-03}
05/04/1994		6.000E-04 { 3.140E-04}	1.150E-02 { 1.760E-03}
05/18/1994		5.680E-04 { 3.120E-04}	1.460E-02 { 2.040E-03}
06/01/1994		1.810E-04 { 1.990E-04}	9.880E-03 { 1.610E-03}
06/15/1994		5.070E-04 { 2.930E-04}	9.090E-03 { 1.600E-03}
06/29/1994		4.830E-04 { 2.810E-04}	1.180E-02 { 1.790E-03}
07/13/1994		4.300E-04 { 2.800E-04}	8.080E-03 { 1.470E-03}
07/26/1994		4.810E-04 { 3.150E-04}	1.590E-02 { 2.210E-03}
08/10/1994		4.680E-04 { 2.800E-04}	1.100E-02 { 1.730E-03}
08/24/1994		5.730E-04 { 3.210E-04}	1.400E-02 { 1.990E-03}
09/07/1994		3.860E-04 { 2.750E-04}	1.440E-02 { 2.030E-03}
09/21/1994		6.240E-04 { 3.450E-04}	1.620E-02 { 2.180E-03}
10/05/1994		5.910E-04 { 3.270E-04}	2.730E-02 { 3.160E-03}
10/19/1994		1.550E-04 { 2.050E-04}	2.090E-02 { 2.590E-03}

2248 ARMY LOOP CAMP

2249 200 TEL. EXCHANGE

OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3	OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3
11/02/1994	<	-7.890E-05	1.050E-02	11/02/1994		2.870E-04	9.700E-03
		{ 1.590E-04}	{ 1.690E-03}			{ 2.480E-04}	{ 1.630E-03}
11/16/1994		4.540E-04	1.280E-02	11/16/1994		6.330E-04	1.270E-02
		{ 2.750E-04}	{ 1.870E-03}			{ 3.230E-04}	{ 1.940E-03}
11/30/1994		3.440E-04	1.250E-02	11/30/1994		8.530E-04	1.420E-02
		{ 2.730E-04}	{ 1.840E-03}			{ 3.620E-04}	{ 2.080E-03}
12/14/1994		1.190E-03	3.100E-02	12/14/1994		1.080E-03	3.050E-02
		{ 4.260E-04}	{ 3.490E-03}			{ 4.080E-04}	{ 3.640E-03}
12/28/1994		6.690E-04	2.340E-02	12/28/1994		6.540E-04	2.220E-02
		{ 3.470E-04}	{ 2.850E-03}			{ 3.440E-04}	{ 2.710E-03}
MEAN		5.544E-04	1.727E-02	MEAN		5.181E-04	1.628E-02
MINIMUM	<	-7.890E-05	9.030E-03	MINIMUM		9.170E-05	8.080E-03
MAXIMUM		1.190E-03	3.490E-02	MAXIMUM		1.080E-03	3.380E-02
2STD. ERR		3.641E-03	3.061E-03	2STD. ERR		3.482E-03	2.942E-03

- < - Result less than the 2 sigma Total Propagated Analytical Uncertainty which includes the 2 sigma counting error and analytical error
- { } - Total Propagated Analytical Uncertainty.
- NR - No result reported.
- nra - Not routinely analyzed or analyzed on a less frequent basis
- * - Analyzed as part of a composite sample only
- 1 LOWER THAN USUAL EXPOSURE HOURS, NO EXPLANATION.
- 2 NO SAMPLE. LOW EXPOSURE HOURS.

2246 200 W SOUTH EAST-ARMY LOOP CAMP, 200 TEL. EXCHANGE (FILTER1 , PARTICULATE)

OFF DATE	COM	BE-7 PCI/M3	CO-60 PCI/M3	CS-134 PCI/M3	CS-137 PCI/M3	K-40 PCI/M3	PU-238 PCI/M3	PU39-40 PCI/M3	RU-106 PCI/M3
03/23/1994		1.030E-01	< -3.220E-04	2.520E-04	< .000E+00	1.000E-02	nra	nra	< -4.940E-04
		{ 1.690E-02}	{ 3.340E-04}	{ 3.400E-04}	{ 3.560E-04}	{ 6.810E-03}			{ 3.200E-03}
06/29/1994	1	1.610E-01	4.130E-04	6.140E-05	< -6.770E-05	1.360E-02	nra	nra	1.240E-03
		{ 2.210E-02}	{ 3.230E-04}	{ 3.010E-04}	{ 2.740E-04}	{ 5.070E-03}			{ 2.470E-03}
10/05/1994		2.070E-01	< -2.350E-04	1.530E-05	3.520E-04	1.830E-02	nra	nra	< -1.510E-03
		{ 2.750E-02}	{ 2.760E-04}	{ 1.980E-04}	{ 2.290E-04}	{ 5.440E-03}			{ 2.650E-03}
12/28/1994	2	7.330E-02	1.970E-04	2.190E-05	< -9.830E-05	1.410E-02	< -1.040E-06	2.960E-06	2.380E-04
		{ 1.450E-02}	{ 2.740E-04}	{ 2.400E-04}	{ 2.980E-04}	{ 5.640E-03}	{ 8.150E-07}	{ 3.140E-06}	{ 2.610E-03}
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MEAN		1.361E-01	1.325E-05	8.765E-05	4.650E-05	1.400E-02	-1.040E-06	2.960E-06	-1.315E-04
MINIMUM		7.330E-02	< -3.220E-04	1.530E-05	< -9.830E-05	1.000E-02	< -1.040E-06	2.960E-06	< -1.510E-03
MAXIMUM		2.070E-01	4.130E-04	2.520E-04	3.520E-04	1.830E-02	< -1.040E-06	2.960E-06	1.240E-03
2STD. ERR		5.968E-02	3.500E-04	1.114E-04	2.078E-04	3.399E-03	.000E+00	.000E+00	1.162E-03

2246 200 W SOUTH EAST-ARMY LOOP CAMP,200 TEL. EXCHANGE (FILTER1 , PARTICULATE)

OFF DATE	COM	SR-90 PCI/M3	U-234 PCI/M3	U-235 PCI/M3	U-238 PCI/M3	UI50 TOTAL PCI/M3
03/23/1994		nra	nra	nra	nra	nra
06/29/1994		nra	nra	nra	nra	nra
10/05/1994		nra	nra	nra	nra	nra
12/28/1994		< -3.800E-05 { 5.300E-05 }	1.420E-04 { 2.080E-04 }	5.140E-05 { 1.290E-04 }	< -8.000E-06 { 1.250E-04 }	1.854E-04 { 2.750E-04 }
MEAN		-3.800E-05	1.420E-04	5.140E-05	-8.000E-06	1.854E-04
MINIMUM		< -3.800E-05	1.420E-04	5.140E-05	< -8.000E-06	1.854E-04
MAXIMUM		< -3.800E-05	1.420E-04	5.140E-05	< -8.000E-06	1.854E-04
2STD. ERR		.000E+00	.000E+00	.000E+00	.000E+00	.000E+00

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
which includes the 2 sigma counting error and analytical error

{ } - Total Propagated Analytical Uncertainty.

NR - No result reported.

nra - Not routinely analyzed or analyzed on a less frequent basis

* - Analyzed as part of a composite sample only

1 Comment for sample 2248 on 06/01/1994

LOWER THAN USUAL EXPOSURE HOURS, NO EXPLANATION.

Comment for sample 2248 on 06/29/1994

BETA NO SAMPLE. LOW EXPOSURE HOURS.

2 TOTAL SAMPLE SIZE WAS REREPORTED BY LAB ON 7/13/95.

2252 200 W SE

2253 200 W SE *

OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3
01/12/1994		8.260E-04	2.670E-02
		{ 3.710E-04 }	{ 3.110E-03 }
01/26/1994		2.610E-04	2.630E-02
		{ 2.540E-04 }	{ 3.250E-03 }
02/09/1994		6.010E-04	2.840E-02
		{ 3.150E-04 }	{ 3.280E-03 }
02/23/1994		3.070E-04	8.890E-03
		{ 2.380E-04 }	{ 1.570E-03 }
03/09/1994		4.120E-04	1.390E-02
		{ 2.890E-04 }	{ 1.980E-03 }
03/23/1994		3.210E-04	9.290E-03
		{ 2.570E-04 }	{ 1.610E-03 }
04/06/1994		3.550E-04	1.210E-02
		{ 2.470E-04 }	{ 1.840E-03 }
04/20/1994		2.290E-04	8.570E-03
		{ 2.210E-04 }	{ 1.500E-03 }
05/04/1994		4.400E-04	1.050E-02
		{ 2.760E-04 }	{ 1.690E-03 }
05/18/1994		4.700E-04	1.200E-02
		{ 2.920E-04 }	{ 1.830E-03 }
06/01/1994		3.830E-04	1.100E-02
		{ 2.730E-04 }	{ 1.720E-03 }
06/15/1994		3.020E-04	7.040E-03
		{ 2.580E-04 }	{ 1.400E-03 }
06/29/1994		3.740E-04	1.160E-02
		{ 2.600E-04 }	{ 1.840E-03 }
07/13/1994		5.690E-04	9.320E-03
		{ 3.000E-04 }	{ 1.630E-03 }
07/26/1994		4.260E-04	1.470E-02
		{ 2.800E-04 }	{ 2.200E-03 }
08/10/1994		6.120E-04	1.310E-02
		{ 3.140E-04 }	{ 1.860E-03 }
08/24/1994		5.050E-04	1.500E-02
		{ 3.100E-04 }	{ 2.080E-03 }
09/07/1994		1.730E-04	1.360E-02
		{ 2.190E-04 }	{ 1.980E-03 }
09/21/1994		4.310E-04	1.300E-02
		{ 2.910E-04 }	{ 1.900E-03 }
10/05/1994		7.110E-04	2.200E-02
		{ 3.280E-04 }	{ 2.830E-03 }
10/19/1994		6.580E-04	2.100E-02
		{ 3.480E-04 }	{ 2.650E-03 }

2252 200 W SE

2253 200 W SE *

OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3
11/02/1994		1.990E-04	9.690E-03
		{ 2.120E-04}	{ 1.590E-03}
11/16/1994		5.920E-04	1.120E-02
		{ 3.300E-04}	{ 1.780E-03}
11/30/1994		6.370E-04	1.050E-02
		{ 3.270E-04}	{ 1.720E-03}
12/14/1994		1.040E-03	2.890E-02
		{ 4.210E-04}	{ 3.470E-03}
12/28/1994		5.080E-04	2.000E-02
		{ 3.030E-04}	{ 2.640E-03}
MEAN		4.747E-04	1.493E-02
MINIMUM		1.730E-04	7.040E-03
MAXIMUM		1.040E-03	2.890E-02
2STD. ERR		3.148E-03	2.594E-03

- < - Result less than the 2 sigma Total Propagated Analytical Uncertainty which includes the 2 sigma counting error and analytical error
- { } - Total Propagated Analytical Uncertainty.
- NR - No result reported.
- nra - Not routinely analyzed or analyzed on a less frequent basis
- * - Analyzed as part of a composite sample only

2250 200 WEST-200 W SE, 200 W SE (FILTER1 , PARTICULATE)

OFF DATE	COM	BE-7 PCI/M3	CO-60 PCI/M3	CS-134 PCI/M3	CS-137 PCI/M3	K-40 PCI/M3	PU-238 PCI/M3	PU39-40 PCI/M3	RU-106 PCI/M3
03/23/1994		8.670E-02	< -1.750E-04	1.670E-04	< -2.880E-04	8.850E-03	nra	nra	< -1.570E-04
		{ 1.410E-02 }	{ 2.770E-04 }	{ 2.410E-04 }	{ 3.440E-04 }	{ 5.760E-03 }			{ 3.150E-03 }
06/29/1994		1.610E-01	3.390E-05	< -1.890E-04	4.170E-05	5.010E-03	nra	nra	< -1.210E-04
		{ 2.200E-02 }	{ 2.250E-04 }	{ 2.300E-04 }	{ 2.720E-04 }	{ 4.710E-03 }			{ 2.360E-03 }
10/05/1994		1.910E-01	8.250E-05	1.990E-04	3.020E-04	1.310E-02	nra	nra	3.350E-04
		{ 2.530E-02 }	{ 3.460E-04 }	{ 3.260E-04 }	{ 2.780E-04 }	{ 7.260E-03 }			{ 2.480E-03 }
12/28/1994	1	6.600E-02	1.620E-04	< -1.190E-04	1.910E-04	1.090E-02	< -5.580E-07	2.620E-06	< -2.450E-04
		{ 1.440E-02 }	{ 2.670E-04 }	{ 2.900E-04 }	{ 2.360E-04 }	{ 5.180E-03 }	{ 1.940E-06 }	{ 3.160E-06 }	{ 2.760E-03 }
MEAN		1.262E-01	2.585E-05	1.450E-05	6.168E-05	9.465E-03	-5.580E-07	2.620E-06	-4.700E-05
MINIMUM		6.600E-02	< -1.750E-04	< -1.890E-04	< -2.880E-04	5.010E-03	< -5.580E-07	2.620E-06	< -2.450E-04
MAXIMUM		1.910E-01	1.620E-04	1.990E-04	3.020E-04	1.310E-02	< -5.580E-07	2.620E-06	3.350E-04
2STD. ERR		5.943E-02	1.439E-04	1.971E-04	2.564E-04	3.440E-03	.000E+00	.000E+00	2.599E-04

2250 200 WEST-200 W SE, 200 W SE (FILTER1 , PARTICULATE)

OFF DATE	COM	SR-90 PCI/M3	U-234 PCI/M3	U-235 PCI/M3	U-238 PCI/M3	UIISO TOTAL PCI/M3
03/23/1994		nra	nra	nra	nra	nra
06/29/1994		nra	nra	nra	nra	nra
10/05/1994		nra	nra	nra	nra	nra
12/28/1994		1.420E-05 { 5.790E-05 }	1.940E-05 { 7.640E-06 }	8.800E-07 { 2.630E-06 }	1.120E-05 { 6.690E-06 }	3.148E-05 { 1.000E-05 }
MEAN		1.420E-05	1.940E-05	8.800E-07	1.120E-05	3.148E-05
MINIMUM		1.420E-05	1.940E-05	8.800E-07	1.120E-05	3.148E-05
MAXIMUM		1.420E-05	1.940E-05	8.800E-07	1.120E-05	3.148E-05
2STD. ERR		.000E+00	.000E+00	.000E+00	.000E+00	.000E+00

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis
 * - Analyzed as part of a composite sample only
 1 TOTAL SAMPLE SIZE WAS REREPORTED BY LAB ON 7/13/95.

2256 300 WATER INTAKE

OFF DATE	COM	BETA PCI/M3
01/11/1994		3.480E-02 { 3.920E-03}
01/25/1994		2.700E-02 { 3.140E-03}
02/08/1994		3.750E-02 { 4.300E-03}
02/22/1994		1.560E-02 { 2.220E-03}
03/08/1994	1	1.720E-02 { 2.260E-03}
03/22/1994	2	1.240E-02 { 1.850E-03}
04/05/1994	3	1.150E-02 { 1.760E-03}
04/19/1994		1.030E-02 { 1.680E-03}
05/03/1994		1.260E-02 { 1.820E-03}
05/17/1994		1.670E-02 { 2.330E-03}
05/31/1994		1.020E-02 { 1.640E-03}
06/14/1994		1.010E-02 { 1.680E-03}
06/28/1994		1.210E-02 { 1.880E-03}
07/12/1994		1.020E-02 { 1.640E-03}
07/26/1994		1.680E-02 { 2.240E-03}
08/09/1994		1.420E-02 { 2.010E-03}
08/23/1994		1.550E-02 { 2.120E-03}
09/06/1994		1.420E-02 { 2.000E-03}
09/20/1994		1.720E-02 { 2.320E-03}
10/04/1994		2.830E-02 { 3.250E-03}
10/18/1994		2.260E-02 { 2.870E-03}

2257 300 SOUTH GATE

OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3
01/11/1994		1.430E-03 { 4.810E-04}	3.320E-02 { 3.770E-03}
01/25/1994		3.140E-04 { 2.630E-04}	3.030E-02 { 3.430E-03}
02/08/1994		7.900E-04 { 3.570E-04}	3.730E-02 { 4.060E-03}
02/22/1994		3.780E-04 { 2.610E-04}	1.420E-02 { 2.080E-03}
03/08/1994	4	7.440E-04 { 3.660E-04}	1.950E-02 { 2.500E-03}
03/22/1994	5	4.060E-04 { 2.950E-04}	1.130E-02 { 1.750E-03}
04/05/1994		1.640E-03 { 4.920E-04}	1.150E-02 { 1.770E-03}
04/19/1994		7.190E-04 { 3.540E-04}	1.010E-02 { 1.690E-03}
05/03/1994		6.000E-04 { 3.060E-04}	1.260E-02 { 1.820E-03}
05/17/1994		5.140E-04 { 3.080E-04}	1.630E-02 { 2.290E-03}
05/31/1994		2.730E-04 { 2.380E-04}	1.000E-02 { 1.640E-03}
06/14/1994		5.610E-04 { 3.060E-04}	9.040E-03 { 1.580E-03}
06/28/1994		2.880E-04 { 2.380E-04}	1.190E-02 { 1.800E-03}
07/12/1994		3.010E-04 { 2.350E-04}	1.090E-02 { 1.720E-03}
07/26/1994		3.530E-04 { 2.660E-04}	1.580E-02 { 2.250E-03}
08/09/1994		3.740E-04 { 2.610E-04}	1.250E-02 { 1.850E-03}
08/23/1994		5.510E-04 { 3.080E-04}	1.430E-02 { 2.020E-03}
09/06/1994		6.640E-04 { 3.140E-04}	1.430E-02 { 2.010E-03}
09/20/1994		3.710E-04 { 2.770E-04}	1.750E-02 { 2.310E-03}
10/04/1994		5.850E-04 { 3.170E-04}	2.510E-02 { 3.000E-03}
10/18/1994		8.120E-04 { 3.660E-04}	2.470E-02 { 2.940E-03}

2256 300 WATER INTAKE

OFF DATE	COM	BETA PCI/M3
11/01/1994		1.240E-02 { 1.830E-03}
11/15/1994		1.120E-02 { 1.790E-03}
11/29/1994		1.320E-02 { 1.900E-03}
12/13/1994		3.030E-02 { 3.600E-03}
12/27/1994		2.430E-02 { 2.950E-03}

MEAN		1.763E-02
MINIMUM		1.010E-02
MAXIMUM		3.750E-02
2STD. ERR		3.164E-03

2257 300 SOUTH GATE

OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3
11/01/1994		3.350E-04 { 2.440E-04}	1.290E-02 { 1.940E-03}
11/15/1994		1.200E-04 { 2.060E-04}	1.150E-02 { 1.810E-03}
11/29/1994	6	4.920E-04 { 2.950E-04}	1.130E-02 { 1.740E-03}
12/13/1994		1.130E-03 { 4.260E-04}	3.060E-02 { 3.460E-03}
12/27/1994		7.310E-04 { 3.520E-04}	2.280E-02 { 2.750E-03}

MEAN		5.952E-04	1.736E-02
MINIMUM		1.200E-04	9.040E-03
MAXIMUM		1.640E-03	3.730E-02
2STD. ERR		3.889E-03	3.165E-03

- < - Result less than the 2 sigma Total Propagated Analytical Uncertainty which includes the 2 sigma counting error and analytical error
- { } - Total Propagated Analytical Uncertainty.
- NR - No result reported.
- nra - Not routinely analyzed or analyzed on a less frequent basis
- * - Analyzed as part of a composite sample only
- 1 ROAD CONSTRUCTION IN AREA.
- 2 CONSTRUCTION IN AREA.
- 3 ROAD CONSTRUCTION IN AREA
- 4 CONSTRUCTION IN AREA.
- 5 CONSTRUCTION IN AREA. LOCATION MOVED ~400 METERS, REFER TO 3/23/94 PROJECT CHANGE FORM.
- 6 SAMPLER RELOCATED BACK TO ORIGINAL LOCATION, REFER TO 3/23/94 PROJECT CHANGE FORM.

SURFACE ENVIRONMENTAL SURVEILLANCE DATA REPORT 01/01/1994 TO 01/05/1995
 AIR - PARTICULATE FILTER Page 23

2254 300 AREA-300 WATER INTAKE, 300 SOUTH GATE (FILTER1 , PARTICULATE)

OFF DATE	COM	BE-7 PCI/M3	CO-60 PCI/M3	CS-134 PCI/M3	CS-137 PCI/M3	K-40 PCI/M3	PU-238 PCI/M3	PU39-40 PCI/M3	RU-106 PCI/M3
03/22/1994	1	1.240E-01 { 1.490E-02 }	1.960E-04 { 2.960E-04 }	< -3.350E-04 { 3.800E-04 }	< -7.220E-05 { 3.090E-04 }	6.670E-03 { 8.180E-03 }	nra	nra	< -3.540E-04 { 3.320E-03 }
06/28/1994	2	2.040E-01 { 2.850E-02 }	< -2.470E-05 { 2.840E-04 }	< -8.100E-05 { 2.710E-04 }	1.120E-04 { 2.890E-04 }	1.550E-02 { 5.750E-03 }	nra	nra	< -1.360E-03 { 2.540E-03 }
10/04/1994		2.150E-01 { 2.840E-02 }	2.240E-04 { 1.850E-04 }	< -1.160E-04 { 2.830E-04 }	< -1.670E-04 { 2.690E-04 }	4.840E-04 { 7.050E-03 }	nra	nra	< -1.160E-03 { 2.590E-03 }
12/27/1994	3	1.480E-01 { 2.810E-02 }	8.530E-05 { 2.470E-04 }	6.370E-05 { 2.630E-04 }	2.620E-04 { 2.240E-04 }	2.950E-03 { 7.270E-03 }	< -4.030E-07 { 2.570E-06 }	6.910E-07 { 1.700E-06 }	7.210E-04 { 2.690E-03 }
MEAN		1.728E-01	1.202E-04	-1.171E-04	3.370E-05	6.401E-03	-4.030E-07	6.910E-07	-5.383E-04
MINIMUM		1.240E-01	< -2.470E-05	< -3.350E-04	< -1.670E-04	4.840E-04	< -4.030E-07	6.910E-07	< -1.360E-03
MAXIMUM		2.150E-01	2.240E-04	6.370E-05	2.620E-04	1.550E-02	< -4.030E-07	6.910E-07	7.210E-04
2STD. ERR		4.378E-02	1.136E-04	1.648E-04	1.913E-04	6.577E-03	.000E+00	.000E+00	9.454E-04

2254 300 AREA-300 WATER INTAKE, 300 SOUTH GATE (FILTER1 , PARTICULATE)

OFF DATE	COM	SR-90 PCI/M3	U-234 PCI/M3	U-235 PCI/M3	U-238 PCI/M3	UIISO TOTAL PCI/M3
03/22/1994		nra	nra	nra	nra	nra
06/28/1994		nra	nra	nra	nra	nra
10/04/1994		nra	nra	nra	nra	nra
12/27/1994		< -4.330E-05 { 4.860E-05}	3.170E-05 { 9.920E-06}	2.100E-06 { 2.400E-06}	2.760E-05 { 9.180E-06}	6.140E-05 { 1.400E-05}
MEAN		-4.330E-05	3.170E-05	2.100E-06	2.760E-05	6.140E-05
MINIMUM		< -4.330E-05	3.170E-05	2.100E-06	2.760E-05	6.140E-05
MAXIMUM		< -4.330E-05	3.170E-05	2.100E-06	2.760E-05	6.140E-05
2STD. ERR		.000E+00	.000E+00	.000E+00	.000E+00	.000E+00

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis
 * - Analyzed as part of a composite sample only

- 1 Comment for sample 2256 on 03/08/1994
 ROAD CONSTRUCTION IN AREA.
 Comment for sample 2256 on 03/22/1994
 BETA CONSTRUCTION IN AREA.
- 2 Comment for sample 2256 on 04/05/1994
 BETA ROAD CONSTRUCTION IN AREA
 Comment for sample 2257 on 03/08/1994
 BETA CONSTRUCTION IN AREA.
 Comment for sample 2257 on 03/22/1994
 CONSTRUCTION IN AREA. LOCATION MOVED ~400 METERS, REFER TO 3/23/94 PROJECT CHANGE FORM.
- 3 Comment for sample 2257 on 11/29/1994
 SAMPLER RELOCATED BACK TO ORIGINAL LOCATION, REFER TO 3/23/94 PROJECT CHANGE FORM.
 TOTAL SAMPLE SIZE WAS REREPORTED BY LAB ON 7/13/95.

2260 300 TRENCH

2261 300 NE

OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3	OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3
01/11/1994		1.000E-03 { 3.890E-04}	3.450E-02 { 4.010E-03}	01/11/1994		9.110E-04 { 3.760E-04}	3.460E-02 { 3.810E-03}
01/25/1994		5.060E-04 { 3.110E-04}	2.760E-02 { 3.370E-03}	01/25/1994		5.140E-04 { 3.060E-04}	2.980E-02 { 3.560E-03}
02/08/1994		9.390E-04 { 3.840E-04}	3.770E-02 { 4.330E-03}	02/08/1994		7.800E-04 { 3.440E-04}	3.690E-02 { 4.230E-03}
02/22/1994		5.070E-04 { 2.930E-04}	1.360E-02 { 1.950E-03}	02/22/1994		3.220E-04 { 2.360E-04}	1.390E-02 { 2.010E-03}
03/08/1994	1	5.360E-04 { 3.000E-04}	1.490E-02 { 2.150E-03}	03/08/1994		9.180E-04 { 3.980E-04}	1.660E-02 { 2.310E-03}
03/22/1994	2	4.280E-04 { 3.050E-04}	1.420E-02 { 2.170E-03}	03/22/1994	3	4.500E-04 { 2.850E-04}	1.110E-02 { 1.780E-03}
04/05/1994		5.180E-04 { 3.100E-04}	1.230E-02 { 1.910E-03}	04/05/1994		1.050E-03 { 4.010E-04}	1.210E-02 { 1.880E-03}
04/19/1994		4.390E-04 { 3.210E-04}	1.410E-02 { 2.080E-03}	04/19/1994		2.260E-04 { 2.430E-04}	1.130E-02 { 1.770E-03}
05/03/1994		6.210E-04 { 3.260E-04}	1.190E-02 { 1.900E-03}	05/03/1994		5.410E-04 { 2.930E-04}	1.320E-02 { 1.950E-03}
05/17/1994		3.580E-04 { 2.610E-04}	1.380E-02 { 1.970E-03}	05/17/1994		4.110E-04 { 2.790E-04}	1.530E-02 { 2.100E-03}
05/31/1994		3.850E-04 { 2.750E-04}	1.020E-02 { 1.710E-03}	05/31/1994		3.670E-04 { 2.830E-04}	1.150E-02 { 1.830E-03}
06/14/1994		3.890E-04 { 2.790E-04}	1.000E-02 { 1.690E-03}	06/14/1994		2.610E-04 { 2.420E-04}	1.090E-02 { 1.740E-03}
06/28/1994		3.440E-04 { 2.530E-04}	1.310E-02 { 1.920E-03}	06/28/1994		1.450E-04 { 1.980E-04}	1.210E-02 { 1.900E-03}
07/12/1994		4.610E-04 { 2.770E-04}	9.470E-03 { 1.640E-03}	07/12/1994		6.340E-04 { 3.310E-04}	9.790E-03 { 1.650E-03}
07/26/1994		4.250E-04 { 2.880E-04}	1.580E-02 { 2.150E-03}	07/26/1994		3.900E-04 { 2.570E-04}	1.620E-02 { 2.190E-03}
08/09/1994		5.580E-04 { 3.110E-04}	1.150E-02 { 1.760E-03}	08/09/1994		7.450E-04 { 3.540E-04}	1.490E-02 { 2.160E-03}
08/23/1994		4.150E-04 { 2.910E-04}	1.480E-02 { 2.160E-03}	08/23/1994		6.310E-04 { 3.350E-04}	1.410E-02 { 2.060E-03}
09/06/1994		4.430E-04 { 2.870E-04}	1.350E-02 { 2.020E-03}	09/06/1994		6.430E-04 { 3.280E-04}	1.420E-02 { 2.070E-03}
09/20/1994		5.650E-04 { 3.060E-04}	1.930E-02 { 2.520E-03}	09/20/1994		6.720E-04 { 3.260E-04}	1.570E-02 { 2.150E-03}
10/04/1994		4.600E-04 { 2.970E-04}	2.650E-02 { 3.260E-03}	10/04/1994		2.320E-04 { 2.340E-04}	2.590E-02 { 3.180E-03}
10/18/1994		4.250E-04 { 2.770E-04}	2.130E-02 { 2.680E-03}	10/18/1994		6.070E-04 { 3.290E-04}	2.180E-02 { 2.670E-03}

2260 300 TRENCH

2261 300 NE

OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3	OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3
11/01/1994		4.440E-04	1.180E-02	11/01/1994		2.080E-04	1.270E-02
		{ 2.780E-04 }	{ 1.850E-03 }			{ 2.310E-04 }	{ 1.890E-03 }
11/15/1994		2.380E-04	1.130E-02	11/15/1994		7.000E-05	1.210E-02
		{ 2.400E-04 }	{ 1.730E-03 }			{ 1.800E-04 }	{ 1.830E-03 }
11/29/1994		4.910E-04	1.330E-02	11/29/1994		4.690E-04	1.410E-02
		{ 3.040E-04 }	{ 1.990E-03 }			{ 2.830E-04 }	{ 2.060E-03 }
12/13/1994		2.010E-03	3.290E-02	12/13/1994		8.760E-04	2.830E-02
		{ 5.550E-04 }	{ 3.740E-03 }			{ 3.720E-04 }	{ 3.250E-03 }
12/27/1994		8.500E-04	2.230E-02	12/27/1994		1.220E-03	3.250E-02
		{ 3.680E-04 }	{ 2.720E-03 }			{ 3.700E-04 }	{ 3.570E-03 }
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MEAN		5.675E-04	1.737E-02	MEAN		5.497E-04	1.775E-02
MINIMUM		2.380E-04	9.470E-03	MINIMUM		7.000E-05	9.790E-03
MAXIMUM		2.010E-03	3.770E-02	MAXIMUM		1.220E-03	3.690E-02
2STD. ERR		3.801E-03	3.143E-03	2STD. ERR		3.825E-03	3.197E-03

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis
 * - Analyzed as part of a composite sample only
 1 CONSTRUCTION IN AREA.
 2 CONSTRUCTION IN AREA.
 3 WASPS IN HUTCH.

2258 300 NE-300 TRENCH, 300 NE (FILTER1 , PARTICULATE)

OFF DATE	COM	BE-7 PCI/M3	CO-60 PCI/M3	CS-134 PCI/M3	CS-137 PCI/M3	K-40 PCI/M3	PU-238 PCI/M3	PU39-40 PCI/M3	RU-106 PCI/M3
03/22/1994	1	1.220E-01	1.160E-04	< -5.110E-04	5.850E-05	2.330E-04	nra	nra	< -1.870E-03
		{ 1.880E-02}	{ 3.880E-04}	{ 4.260E-04}	{ 2.850E-04}	{ 4.140E-03}			{ 3.440E-03}
06/28/1994		1.980E-01	4.640E-05	< -8.880E-05	3.030E-04	1.340E-02	nra	nra	1.040E-03
		{ 2.680E-02}	{ 2.360E-04}	{ 2.970E-04}	{ 2.090E-04}	{ 5.260E-03}			{ 2.340E-03}
10/04/1994		1.850E-01	1.800E-05	< -1.430E-04	1.080E-04	1.370E-02	nra	nra	< -4.000E-04
		{ 2.600E-02}	{ 1.980E-04}	{ 2.970E-04}	{ 2.690E-04}	{ 7.430E-03}			{ 2.260E-03}
12/27/1994	2	1.500E-01	1.940E-04	1.220E-04	3.550E-04	8.050E-05	6.750E-07	< -5.710E-07	< -8.890E-04
		{ 3.140E-02}	{ 3.970E-04}	{ 3.160E-04}	{ 3.020E-04}	{ 7.120E-03}	{ 2.210E-06}	{ 9.100E-07}	{ 3.670E-03}
MEAN		1.638E-01	9.360E-05	-1.552E-04	2.061E-04	6.853E-03	6.750E-07	-5.710E-07	-5.298E-04
MINIMUM		1.220E-01	1.800E-05	< -5.110E-04	5.850E-05	8.050E-05	6.750E-07	< -5.710E-07	< -1.870E-03
MAXIMUM		1.980E-01	1.940E-04	1.220E-04	3.550E-04	1.370E-02	6.750E-07	< -5.710E-07	1.040E-03
2STD. ERR		3.443E-02	7.858E-05	2.633E-04	1.449E-04	7.734E-03	.000E+00	.000E+00	1.212E-03

2258 300 NE-300 TRENCH, 300 NE (FILTER1 , PARTICULATE)

OFF DATE	COM	SR-90 PCI/M3	U-234 PCI/M3	U-235 PCI/M3	U-238 PCI/M3	UIISO TOTAL PCI/M3
03/22/1994		nra	nra	nra	nra	nra
06/28/1994		nra	nra	nra	nra	nra
10/04/1994		nra	nra	nra	nra	nra
12/27/1994		< -2.210E-05 { 6.400E-05}	5.090E-05 { 1.200E-05}	2.580E-06 { 2.390E-06}	3.990E-05 { 1.040E-05}	9.338E-05 { 1.600E-05}
MEAN		-2.210E-05	5.090E-05	2.580E-06	3.990E-05	9.338E-05
MINIMUM		< -2.210E-05	5.090E-05	2.580E-06	3.990E-05	9.338E-05
MAXIMUM		< -2.210E-05	5.090E-05	2.580E-06	3.990E-05	9.338E-05
2STD. ERR		.000E+00	.000E+00	.000E+00	.000E+00	.000E+00

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis
 * - Analyzed as part of a composite sample only
 1 Comment for sample 2260 on 03/08/1994
 CONSTRUCTION IN AREA.
 Comment for sample 2260 on 03/22/1994
 BETA CONSTRUCTION IN AREA.
 Comment for sample 2261 on 03/22/1994
 BETA WASPS IN HUTCH.
 2 TOTAL SAMPLE SIZE WAS REREPORTED BY LAB ON 7/13/95.

SURFACE ENVIRONMENTAL SURVEILLANCE DATA REPORT 01/01/1994 TO 01/05/1995
AIR - PARTICULATE FILTER
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2264 400 E

2265 400 W

2266 400 S

OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3	OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3	OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3
01/11/1994		6.910E-04	3.430E-02	01/11/1994		7.580E-04	3.450E-02	01/11/1994		6.600E-04	3.560E-02
		{ 3.330E-04}	{ 4.000E-03}			{ 3.440E-04}	{ 3.810E-03}			{ 3.270E-04}	{ 4.120E-03}
01/25/1994		4.130E-04	2.660E-02	01/25/1994		5.450E-04	2.920E-02	01/25/1994		2.340E-04	2.670E-02
		{ 2.800E-04}	{ 3.110E-03}			{ 3.130E-04}	{ 3.510E-03}			{ 2.360E-04}	{ 3.120E-03}
02/08/1994		4.620E-04	3.660E-02	02/08/1994		7.960E-04	4.170E-02	02/08/1994		6.870E-04	3.560E-02
		{ 2.880E-04}	{ 3.990E-03}			{ 3.510E-04}	{ 4.550E-03}			{ 3.470E-04}	{ 3.990E-03}
02/22/1994		5.510E-04	1.260E-02	02/22/1994		5.610E-04	1.230E-02	02/22/1994		2.380E-04	1.370E-02
		{ 2.990E-04}	{ 1.890E-03}			{ 2.950E-04}	{ 1.840E-03}			{ 2.170E-04}	{ 1.960E-03}
03/08/1994		4.660E-04	1.650E-02	03/08/1994		5.690E-04	1.830E-02	03/08/1994		7.650E-04	1.630E-02
		{ 3.030E-04}	{ 2.300E-03}			{ 3.080E-04}	{ 2.490E-03}			{ 3.480E-04}	{ 2.230E-03}
03/22/1994		2.110E-04	1.040E-02	03/22/1994		3.160E-04	1.220E-02	03/22/1994		3.320E-04	1.150E-02
		{ 2.210E-04}	{ 1.720E-03}			{ 2.730E-04}	{ 1.900E-03}			{ 2.540E-04}	{ 1.790E-03}
04/05/1994		1.110E-03	1.430E-02	04/05/1994		6.690E-04	1.230E-02	04/05/1994		5.140E-04	1.120E-02
		{ 4.120E-04}	{ 2.090E-03}			{ 3.420E-04}	{ 1.910E-03}			{ 3.070E-04}	{ 1.770E-03}
04/19/1994		2.990E-04	9.910E-03	04/19/1994		3.310E-04	1.110E-02	04/19/1994		6.360E-04	1.170E-02
		{ 2.570E-04}	{ 1.640E-03}			{ 2.630E-04}	{ 1.730E-03}			{ 3.240E-04}	{ 1.790E-03}
05/03/1994	<	-5.780E-06	1.340E-02	05/03/1994		5.120E-04	1.270E-02	05/03/1994		3.130E-04	1.420E-02
		{ 1.540E-04}	{ 1.980E-03}			{ 2.860E-04}	{ 1.910E-03}			{ 2.300E-04}	{ 1.980E-03}
05/17/1994		3.620E-04	1.660E-02	05/17/1994		4.680E-04	1.550E-02	05/17/1994		4.750E-04	1.490E-02
		{ 2.720E-04}	{ 2.220E-03}			{ 2.910E-04}	{ 2.120E-03}			{ 2.950E-04}	{ 2.140E-03}
05/31/1994		4.200E-04	1.040E-02	05/31/1994		4.290E-04	1.190E-02	05/31/1994		1.790E-04	1.160E-02
		{ 2.750E-04}	{ 1.720E-03}			{ 2.700E-04}	{ 1.880E-03}			{ 2.360E-04}	{ 1.800E-03}
06/14/1994		1.080E-03	1.020E-02	06/14/1994		4.450E-04	9.300E-03	06/14/1994		3.360E-04	1.020E-02
		{ 4.110E-04}	{ 1.710E-03}			{ 2.880E-04}	{ 1.590E-03}			{ 2.710E-04}	{ 1.660E-03}
06/28/1994		2.880E-04	1.150E-02	06/28/1994		2.770E-04	1.150E-02	06/28/1994		4.150E-04	1.140E-02
		{ 2.370E-04}	{ 1.830E-03}			{ 2.290E-04}	{ 1.770E-03}			{ 2.710E-04}	{ 1.810E-03}
07/12/1994		1.550E-04	1.010E-02	07/12/1994		2.490E-04	1.060E-02	07/12/1994		4.210E-04	1.040E-02
		{ 1.930E-04}	{ 1.680E-03}			{ 2.340E-04}	{ 1.750E-03}			{ 2.780E-04}	{ 1.690E-03}
07/26/1994		1.840E-04	1.660E-02	07/26/1994		3.630E-04	1.640E-02	07/26/1994		5.140E-04	1.650E-02
		{ 2.020E-04}	{ 2.220E-03}			{ 2.730E-04}	{ 2.200E-03}			{ 3.060E-04}	{ 2.300E-03}
08/09/1994		6.250E-04	1.280E-02	08/09/1994		1.160E-03	1.450E-02	08/09/1994		6.210E-04	1.240E-02
		{ 3.160E-04}	{ 1.860E-03}			{ 4.080E-04}	{ 2.010E-03}			{ 3.080E-04}	{ 1.850E-03}
08/23/1994		3.290E-04	1.480E-02	08/23/1994		2.300E-04	1.490E-02	08/23/1994		3.370E-04	1.480E-02
		{ 2.650E-04}	{ 2.130E-03}			{ 2.450E-04}	{ 2.160E-03}			{ 2.690E-04}	{ 2.110E-03}
09/06/1994		6.350E-04	1.650E-02	09/06/1994		2.030E-04	1.360E-02	09/06/1994		7.320E-04	1.540E-02
		{ 3.080E-04}	{ 2.290E-03}			{ 2.140E-04}	{ 2.030E-03}			{ 3.440E-04}	{ 2.140E-03}
09/20/1994		4.630E-04	1.830E-02	09/20/1994		1.660E-04	1.750E-02	09/20/1994		5.160E-04	1.750E-02
		{ 2.990E-04}	{ 2.370E-03}			{ 2.400E-04}	{ 2.300E-03}			{ 2.980E-04}	{ 2.310E-03}
10/04/1994		6.550E-04	2.750E-02	10/04/1994		5.970E-04	2.600E-02	10/04/1994		8.670E-04	2.640E-02
		{ 3.250E-04}	{ 3.310E-03}			{ 3.310E-04}	{ 3.230E-03}			{ 3.860E-04}	{ 3.140E-03}
10/18/1994		3.880E-04	2.390E-02	10/18/1994		7.980E-04	2.140E-02	10/18/1994		4.410E-04	2.080E-02
		{ 2.890E-04}	{ 3.010E-03}			{ 3.530E-04}	{ 2.690E-03}			{ 2.770E-04}	{ 2.710E-03}

SURFACE ENVIRONMENTAL SURVEILLANCE DATA REPORT 01/01/1994 TO 01/05/1995
 AIR - PARTICULATE FILTER Page 30

2264 400 E

2265 400 W

2266 400 S

OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3	OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3	OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3
11/01/1994		2.680E-04	1.340E-02	11/01/1994		2.500E-04	1.340E-02	11/01/1994		1.200E-03	1.630E-02
		{ 2.480E-04 }	{ 1.920E-03 }			{ 2.410E-04 }	{ 1.990E-03 }			{ 4.400E-04 }	{ 2.270E-03 }
11/15/1994		4.850E-04	1.370E-02	11/15/1994		4.240E-04	1.280E-02	11/15/1994		1.680E-04	1.360E-02
		{ 3.020E-04 }	{ 1.980E-03 }			{ 2.770E-04 }	{ 1.870E-03 }			{ 2.020E-04 }	{ 1.950E-03 }
11/29/1994		6.680E-04	1.390E-02	11/29/1994		6.060E-04	1.240E-02	11/29/1994		2.840E-04	1.150E-02
		{ 3.320E-04 }	{ 2.040E-03 }			{ 3.180E-04 }	{ 1.920E-03 }			{ 2.580E-04 }	{ 1.780E-03 }
12/13/1994	1	1.060E-03	2.770E-02	12/13/1994		8.680E-04	2.920E-02	12/13/1994		9.950E-04	3.140E-02
		{ 4.870E-04 }	{ 3.450E-03 }			{ 3.790E-04 }	{ 3.410E-03 }			{ 3.930E-04 }	{ 3.730E-03 }
12/27/1994	2	NR	NR	12/27/1994		7.320E-04	2.470E-02	12/27/1994		6.470E-04	2.070E-02
						{ 3.450E-04 }	{ 2.930E-03 }			{ 3.370E-04 }	{ 2.580E-03 }
MEAN		4.905E-04	1.730E-02	MEAN		5.124E-04	1.769E-02	MEAN		5.203E-04	1.740E-02
MINIMUM	<	-5.780E-06	9.910E-03	MINIMUM		1.660E-04	9.300E-03	MINIMUM		1.680E-04	1.020E-02
MAXIMUM		1.110E-03	3.660E-02	MAXIMUM		1.160E-03	4.170E-02	MAXIMUM		1.200E-03	3.560E-02
2STD. ERR		3.737E-03	2.979E-03	2STD. ERR		3.750E-03	2.977E-03	2STD. ERR		3.741E-03	2.980E-03

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis
 * - Analyzed as part of a composite sample only
 1 POWER WAS OUT AT MCI.
 2 NO SAMPLE. MCI WAS TURNED OFF.

2267 400 N

OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3
01/11/1994		8.130E-04	3.590E-02
		{ 3.510E-04 }	{ 3.930E-03 }
01/25/1994		2.540E-04	2.580E-02
		{ 2.280E-04 }	{ 3.110E-03 }
02/08/1994		3.210E-04	3.470E-02
		{ 2.460E-04 }	{ 3.820E-03 }
02/22/1994		3.990E-04	1.540E-02
		{ 2.720E-04 }	{ 2.200E-03 }
03/08/1994		2.480E-04	1.690E-02
		{ 2.560E-04 }	{ 2.250E-03 }
03/22/1994		5.730E-05	1.150E-02
		{ 1.700E-04 }	{ 1.760E-03 }
04/05/1994		1.070E-03	1.280E-02
		{ 3.960E-04 }	{ 1.880E-03 }
04/19/1994		2.470E-04	1.140E-02
		{ 2.540E-04 }	{ 1.810E-03 }
05/03/1994		1.290E-04	1.220E-02
		{ 1.800E-04 }	{ 1.790E-03 }
05/17/1994		5.680E-04	1.310E-02
		{ 3.120E-04 }	{ 1.900E-03 }
05/31/1994		3.240E-04	1.100E-02
		{ 2.590E-04 }	{ 1.730E-03 }
06/14/1994		5.390E-04	9.150E-03
		{ 3.150E-04 }	{ 1.540E-03 }
06/28/1994		3.440E-04	1.110E-02
		{ 2.530E-04 }	{ 1.730E-03 }
07/12/1994		2.150E-04	9.860E-03
		{ 2.100E-04 }	{ 1.620E-03 }
07/26/1994		2.930E-04	1.660E-02
		{ 2.510E-04 }	{ 2.330E-03 }
08/09/1994		6.560E-04	1.290E-02
		{ 3.250E-04 }	{ 1.950E-03 }
08/23/1994		5.510E-04	1.540E-02
		{ 3.070E-04 }	{ 2.120E-03 }
09/06/1994		2.590E-04	1.440E-02
		{ 2.410E-04 }	{ 2.020E-03 }
09/20/1994		4.440E-04	1.740E-02
		{ 2.780E-04 }	{ 2.410E-03 }
10/04/1994		2.480E-04	2.510E-02
		{ 2.350E-04 }	{ 2.980E-03 }
10/18/1994		8.230E-04	2.200E-02
		{ 3.560E-04 }	{ 2.700E-03 }

2267 400 N

OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3
11/01/1994		4.540E-04	1.310E-02
		{ 2.740E-04}	{ 1.970E-03}
11/15/1994		2.680E-04	1.400E-02
		{ 2.480E-04}	{ 2.050E-03}
11/29/1994		4.310E-04	1.480E-02
		{ 2.900E-04}	{ 2.050E-03}
12/13/1994		9.350E-04	2.910E-02
		{ 3.820E-04}	{ 3.330E-03}
12/27/1994		7.620E-04	2.470E-02
		{ 3.580E-04}	{ 2.920E-03}
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MEAN		4.482E-04	1.732E-02
MINIMUM		5.730E-05	9.150E-03
MAXIMUM		1.070E-03	3.590E-02
2STD. ERR		3.716E-03	2.936E-03

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
which includes the 2 sigma counting error and analytical error

{ } - Total Propagated Analytical Uncertainty.

NR - No result reported.

nra - Not routinely analyzed or analyzed on a less frequent basis

* - Analyzed as part of a composite sample only

1 POWER WAS OUT AT MCI.

2 NO SAMPLE. MCI WAS TURNED OFF.

2262 400 AREA-400 E (FILTER1 , PARTICULATE)

OFF DATE	COM	BE-7 PCI/M3	CO-60 PCI/M3	CS-134 PCI/M3	CS-137 PCI/M3	K-40 PCI/M3	PU-238 PCI/M3	PU39-40 PCI/M3	RU-106 PCI/M3
03/22/1994		1.010E-01 { 1.380E-02}	2.630E-04 { 1.960E-04}	< -8.590E-05 { 1.680E-04}	< -9.820E-06 { 1.610E-04}	4.010E-03 { 2.570E-03}	nra	nra	1.270E-03 { 1.520E-03}
06/28/1994		1.690E-01 { 2.100E-02}	< -9.130E-05 { 1.280E-04}	2.860E-05 { 1.130E-04}	6.200E-05 { 1.290E-04}	4.810E-04 { 2.900E-03}	nra	nra	4.210E-04 { 1.250E-03}
10/04/1994		1.450E-01 { 1.800E-02}	2.420E-04 { 1.360E-04}	1.720E-05 { 1.030E-04}	2.170E-05 { 1.300E-04}	4.280E-03 { 3.660E-03}	nra	nra	6.120E-04 { 1.290E-03}
12/27/1994	1	7.260E-02 { 1.130E-02}	1.380E-04 { 1.140E-04}	< -7.160E-05 { 1.740E-04}	< -1.790E-04 { 1.780E-04}	8.710E-03 { 3.440E-03}	1.770E-09 { 7.560E-07}	1.320E-07 { 4.370E-07}	1.220E-03 { 1.440E-03}
MEAN		1.219E-01	1.379E-04	-2.793E-05	-2.628E-05	4.370E-03	1.800E-09	1.320E-07	8.808E-04
MINIMUM		7.260E-02	< -9.130E-05	< -8.590E-05	< -1.790E-04	4.810E-04	1.800E-09	1.320E-07	4.210E-04
MAXIMUM		1.690E-01	2.630E-04	2.860E-05	6.200E-05	8.710E-03	1.800E-09	1.320E-07	1.270E-03
2STD. ERR		4.328E-02	1.623E-04	5.916E-05	1.060E-04	3.371E-03	.000E+00	.000E+00	4.283E-04

2262 400 AREA-400 E (FILTER1 , PARTICULATE)

OFF DATE	COM	SR-90 PCI/M3
03/22/1994		nra
06/28/1994		nra
10/04/1994		nra
12/27/1994	<	-3.260E-06 { 2.720E-05}
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MEAN		-3.260E-06
MINIMUM	<	-3.260E-06
MAXIMUM	<	-3.260E-06
2STD. ERR		.000E+00

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
which includes the 2 sigma counting error and analytical error

{ } - Total Propagated Analytical Uncertainty.

NR - No result reported.

nra - Not routinely analyzed or analyzed on a less frequent basis

* - Analyzed as part of a composite sample only

1 Comment for sample 2264 on 12/13/1994

POWER WAS OUT AT MCI.

Comment for sample 2264 on 12/27/1994

BETA NO SAMPLE. MCI WAS TURNED OFF.

TOTAL SAMPLE SIZE WAS REREPORTED BY LAB ON 7/13/95.

2270 WYE BARRICADE

2271 WYE BARRICADE *

OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3
01/05/1994		7.210E-04	4.560E-02
		{ 3.310E-04}	{ 5.060E-03}
01/19/1994		5.330E-04	1.200E-02
		{ 2.890E-04}	{ 1.820E-03}
02/02/1994		5.700E-04	3.570E-02
		{ 3.050E-04}	{ 3.920E-03}
02/16/1994		6.310E-04	2.620E-02
		{ 3.210E-04}	{ 3.240E-03}
03/02/1994		1.280E-04	1.310E-02
		{ 2.230E-04}	{ 1.970E-03}
03/16/1994		4.310E-04	3.320E-02
		{ 2.700E-04}	{ 4.860E-03}
03/30/1994		3.380E-04	8.310E-03
		{ 2.460E-04}	{ 1.470E-03}
04/13/1994		3.170E-04	6.990E-03
		{ 2.550E-04}	{ 1.350E-03}
04/27/1994		6.020E-04	1.130E-02
		{ 3.150E-04}	{ 1.750E-03}
05/11/1994		2.530E-04	1.430E-02
		{ 2.270E-04}	{ 2.100E-03}
05/25/1994		2.030E-04	1.040E-02
		{ 2.140E-04}	{ 1.660E-03}
06/08/1994		2.430E-04	7.980E-03
		{ 2.190E-04}	{ 1.450E-03}
06/22/1994	1	1.180E-04	8.960E-03
		{ 2.050E-04}	{ 1.590E-03}
07/07/1994		4.270E-04	1.080E-02
		{ 2.580E-04}	{ 1.660E-03}
07/20/1994		1.350E-03	1.710E-02
		{ 4.760E-04}	{ 2.330E-03}
08/03/1994		3.950E-04	1.700E-02
		{ 2.710E-04}	{ 2.360E-03}
08/17/1994		7.300E-04	1.500E-02
		{ 3.390E-04}	{ 2.160E-03}
08/31/1994		2.440E-04	1.420E-02
		{ 2.420E-04}	{ 2.100E-03}
09/14/1994		4.770E-04	1.200E-02
		{ 3.050E-04}	{ 1.810E-03}
09/28/1994		7.750E-04	2.640E-02
		{ 3.600E-04}	{ 3.090E-03}
10/12/1994		5.300E-04	2.060E-02
		{ 2.980E-04}	{ 2.560E-03}

2270 WYE BARRICADE

2271 WYE BARRICADE *

OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3
10/26/1994	2	9.240E-04	1.960E-02
		{ 5.640E-04 }	{ 3.200E-03 }
11/09/1994		2.570E-04	1.010E-02
		{ 2.410E-04 }	{ 1.650E-03 }
11/23/1994		9.380E-04	1.340E-02
		{ 3.980E-04 }	{ 1.960E-03 }
12/07/1994		6.440E-04	1.730E-02
		{ 3.360E-04 }	{ 2.310E-03 }
12/21/1994		1.190E-03	2.630E-02
		{ 4.450E-04 }	{ 3.080E-03 }
01/04/1995	3	6.650E-04	2.460E-02
		{ 3.210E-04 }	{ 2.930E-03 }
MEAN		5.420E-04	1.772E-02
MINIMUM		1.180E-04	6.990E-03
MAXIMUM		1.350E-03	4.560E-02
2STD. ERR		4.425E-03	3.647E-03

- < - Result less than the 2 sigma Total Propagated Analytical Uncertainty which includes the 2 sigma counting error and analytical error
- { } - Total Propagated Analytical Uncertainty.
- NR - No result reported.
- nra - Not routinely analyzed or analyzed on a less frequent basis
- * - Analyzed as part of a composite sample only
- 1 BETA RESULT MODIFIED PER 8/4/94 REPORT.
- 2 LOW EXPOSURE HOURS.
- 3 ICE ON PARTICLE FILTER HEAD.

2268 WYE BARRICADE-WYE BARRICADE,WYE BARRICADE (FILTER1 , PARTICULATE)

OFF DATE	COM	AM-241 PCI/M3	BE-7 PCI/M3	CO-60 PCI/M3	CS-134 PCI/M3	CS-137 PCI/M3	K-40 PCI/M3	PU-238 PCI/M3	PU39-40 PCI/M3
03/30/1994		nra	1.250E-01	5.210E-05	< -4.620E-05	< -1.480E-04	5.840E-03	nra	nra
			{ 1.900E-02}	{ 2.820E-04}	{ 2.910E-04}	{ 2.190E-04}	{ 3.620E-03}		
07/07/1994	1	nra	1.530E-01	< -1.450E-04	< -8.180E-05	2.960E-04	9.060E-04	nra	nra
			{ 2.060E-02}	{ 2.780E-04}	{ 2.400E-04}	{ 1.510E-04}	{ 5.440E-03}		
09/28/1994		nra	2.080E-01	< -2.870E-04	1.370E-04	2.230E-04	2.090E-02	nra	nra
			{ 2.860E-02}	{ 3.370E-04}	{ 3.020E-04}	{ 2.890E-04}	{ 7.170E-03}		
01/04/1995	2	4.210E-07	9.740E-02	1.350E-04	1.130E-04	2.660E-04	6.320E-03	< -3.970E-07	1.160E-06
		{ 1.650E-06}	{ 1.730E-02}	{ 2.810E-04}	{ 2.940E-04}	{ 2.670E-04}	{ 6.540E-03}	{ 3.960E-06}	{ 2.630E-06}
MEAN		4.210E-07	1.459E-01	-6.123E-05	3.050E-05	1.593E-04	8.492E-03	-3.970E-07	1.160E-06
MINIMUM		4.210E-07	9.740E-02	< -2.870E-04	< -8.180E-05	< -1.480E-04	9.060E-04	< -3.970E-07	1.160E-06
MAXIMUM		4.210E-07	2.080E-01	1.350E-04	1.370E-04	2.960E-04	2.090E-02	< -3.970E-07	1.160E-06
2STD. ERR		.000E+00	4.724E-02	1.909E-04	1.105E-04	2.070E-04	8.627E-03	.000E+00	.000E+00

2268 WYE BARRICADE-WYE BARRICADE,WYE BARRICADE (FILTER1 , PARTICULATE)

OFF DATE	COM	RU-106 PCI/M3	U-234 PCI/M3	U-235 PCI/M3	U-238 PCI/M3	UIISO TOTAL PCI/M3
03/30/1994	<	-2.180E-03 { 2.360E-03}	nra	nra	nra	nra
07/07/1994		7.710E-04 { 1.590E-03}	nra	nra	nra	nra
09/28/1994	<	-5.280E-03 { 3.520E-03}	nra	nra	nra	nra
01/04/1995		3.170E-03 { 2.390E-03}	1.380E-05 { 7.000E-06}	2.070E-06 { 2.360E-06}	8.330E-06 { 5.680E-06}	2.420E-05 { 9.000E-06}
MEAN		-8.798E-04	1.380E-05	2.070E-06	8.330E-06	2.420E-05
MINIMUM	<	-5.280E-03	1.380E-05	2.070E-06	8.330E-06	2.420E-05
MAXIMUM		3.170E-03	1.380E-05	2.070E-06	8.330E-06	2.420E-05
2STD. ERR		3.660E-03	.000E+00	.000E+00	.000E+00	.000E+00

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis
 * - Analyzed as part of a composite sample only
 1 Comment for sample 2270 on 06/22/1994
 BETA RESULT MODIFIED PER 8/4/94 REPORT.
 2 Comment for sample 2271 on 10/26/1994
 BETA LOW EXPOSURE HOURS.
 Comment for sample 2271 on 01/04/1995
 BETA ICE ON PARTICLE FILTER HEAD.
 Comment for sample 2270 on 10/26/1994
 BETA LOW EXPOSURE HOURS.
 Comment for sample 2270 on 01/04/1995
 ICE ON PARTICLE FILTER HEAD.
 TOTAL SAMPLE SIZE WAS REREPORTED BY LAB ON 7/13/95.

2283 RINGOLD MET TOWER

OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3
01/12/1994		7.380E-04	2.520E-02
		{ 3.550E-04}	{ 2.980E-03}
01/26/1994		4.640E-04	2.480E-02
		{ 2.980E-04}	{ 2.950E-03}
02/09/1994		8.370E-04	3.570E-02
		{ 3.650E-04}	{ 4.130E-03}
02/23/1994		4.890E-04	1.260E-02
		{ 2.830E-04}	{ 1.940E-03}
03/09/1994		3.980E-04	1.460E-02
		{ 2.910E-04}	{ 2.120E-03}
03/23/1994		6.190E-04	9.670E-03
		{ 3.270E-04}	{ 1.590E-03}
04/06/1994		4.150E-04	1.390E-02
		{ 2.620E-04}	{ 2.070E-03}
04/20/1994		5.380E-04	1.190E-02
		{ 3.000E-04}	{ 1.860E-03}
05/04/1994		9.660E-04	1.300E-02
		{ 3.880E-04}	{ 1.980E-03}
05/18/1994		4.140E-04	9.600E-03
		{ 2.800E-04}	{ 1.650E-03}
06/01/1994		1.130E-03	1.440E-02
		{ 4.190E-04}	{ 2.020E-03}
06/15/1994		9.380E-04	1.220E-02
		{ 4.220E-04}	{ 2.040E-03}
06/29/1994		2.920E-04	1.120E-02
		{ 2.390E-04}	{ 1.750E-03}
07/13/1994		7.300E-04	8.300E-03
		{ 3.470E-04}	{ 1.480E-03}
07/27/1994		6.910E-04	1.370E-02
		{ 3.490E-04}	{ 1.970E-03}
08/10/1994		6.390E-04	1.130E-02
		{ 3.180E-04}	{ 1.820E-03}
08/24/1994		3.150E-04	1.440E-02
		{ 2.540E-04}	{ 2.020E-03}
09/07/1994		< -4.360E-06	1.590E-02
		{ 1.450E-04}	{ 2.260E-03}
09/21/1994		3.890E-04	1.590E-02
		{ 2.800E-04}	{ 2.160E-03}
10/05/1994		8.660E-04	< -4.930E-04
		{ 3.600E-04}	{ 6.230E-04}
10/19/1994	1	5.630E-04	2.250E-02
		{ 3.050E-04}	{ 2.730E-03}

2283 RINGOLD MET TOWER

OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3
11/02/1994		3.180E-04	1.250E-02
		{ 2.570E-04 }	{ 1.840E-03 }
11/16/1994	<	-5.980E-06	1.080E-02
		{ 9.950E-05 }	{ 1.690E-03 }
11/30/1994		3.160E-04	1.110E-02
		{ 2.540E-04 }	{ 1.710E-03 }
12/14/1994		9.030E-04	2.970E-02
		{ 3.760E-04 }	{ 3.380E-03 }
12/28/1994		6.470E-04	2.080E-02
		{ 3.360E-04 }	{ 2.590E-03 }
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MEAN		5.617E-04	1.520E-02
MINIMUM	<	-5.980E-06	< -4.930E-04
MAXIMUM		1.130E-03	3.570E-02
2STD. ERR		3.435E-03	2.910E-03

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
which includes the 2 sigma counting error and analytical error

{ } - Total Propagated Analytical Uncertainty.

NR - No result reported.

nra - Not routinely analyzed or analyzed on a less frequent basis

* - Analyzed as part of a composite sample only

1 ALPHA RESULT MODIFIED PER 3/8/95 REPORT.

2274 RINGOLD MET TOWER-RINGOLD MET TOWER (FILTER1 , PARTICULATE)

OFF DATE	COM	BE-7 PCI/M3	CO-60 PCI/M3	CS-134 PCI/M3	CS-137 PCI/M3	K-40 PCI/M3	PU-238 PCI/M3	PU39-40 PCI/M3	RU-106 PCI/M3
03/23/1994		1.020E-01 { 2.050E-02}	< -5.910E-04 { 7.190E-04}	< -2.910E-04 { 5.410E-04}	1.450E-04 { 5.030E-04}	1.550E-02 { 7.370E-03}	nra	nra	< -9.690E-04 { 3.760E-03}
06/29/1994		1.470E-01 { 3.160E-02}	1.450E-04 { 4.200E-04}	6.060E-05 { 5.290E-04}	2.170E-04 { 4.090E-04}	4.240E-02 { 1.200E-02}	nra	nra	7.370E-03 { 4.470E-03}
10/05/1994		2.010E-01 { 3.720E-02}	< -4.470E-04 { 7.250E-04}	6.850E-04 { 5.950E-04}	< -3.060E-04 { 7.170E-04}	2.040E-01 { 3.150E-02}	nra	nra	< -1.460E-03 { 6.130E-03}
12/28/1994	1	8.000E-02 { 2.300E-02}	2.410E-04 { 5.010E-04}	< -3.130E-04 { 5.220E-04}	2.540E-04 { 5.100E-04}	3.180E-02 { 1.180E-02}	< -1.580E-06 { 1.830E-06}	< -2.890E-07 { 2.360E-06}	< -3.600E-03 { 4.540E-03}
MEAN		1.325E-01	-1.630E-04	3.540E-05	7.750E-05	7.343E-02	-1.580E-06	-2.890E-07	3.353E-04
MINIMUM		8.000E-02	< -5.910E-04	< -3.130E-04	< -3.060E-04	1.550E-02	< -1.580E-06	< -2.890E-07	< -3.600E-03
MAXIMUM		2.010E-01	2.410E-04	6.850E-04	2.540E-04	2.040E-01	< -1.580E-06	< -2.890E-07	7.370E-03
2STD. ERR		5.351E-02	4.171E-04	4.657E-04	2.596E-04	8.775E-02	.000E+00	.000E+00	4.827E-03

2274 RINGOLD MET TOWER-RINGOLD MET TOWER (FILTER1 , PARTICULATE)

OFF DATE	COM	SR-90 PCI/M3
03/23/1994		nra
06/29/1994		nra
10/05/1994		nra
12/28/1994		< -5.340E-05 { 9.520E-05 }

MEAN		-5.340E-05
MINIMUM		< -5.340E-05
MAXIMUM		< -5.340E-05
2STD. ERR		.000E+00

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis
 * - Analyzed as part of a composite sample only
 1 Comment for sample 2283 on 10/19/1994
 ALPHA RESULT MODIFIED PER 3/8/95 REPORT.
 TOTAL SAMPLE SIZE WAS REREPORTED BY LAB ON 7/13/95.

2280 W END OF FIR ROAD

2282 W END OF FIR ROAD *

OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3
01/12/1994		1.290E-03	2.930E-02
		{ 4.560E-04 }	{ 3.350E-03 }
01/26/1994		2.310E-04	1.520E-02
		{ 2.460E-04 }	{ 2.190E-03 }
02/09/1994		4.040E-04	3.270E-02
		{ 2.750E-04 }	{ 3.650E-03 }
02/23/1994		1.170E-04	9.740E-03
		{ 2.180E-04 }	{ 1.620E-03 }
03/09/1994		1.450E-04	1.560E-02
		{ 2.240E-04 }	{ 2.130E-03 }
03/23/1994		2.660E-04	9.780E-03
		{ 2.470E-04 }	{ 1.630E-03 }
04/06/1994		5.280E-04	1.260E-02
		{ 3.270E-04 }	{ 1.890E-03 }
04/20/1994		1.350E-04	1.200E-02
		{ 1.900E-04 }	{ 1.880E-03 }
05/04/1994		1.430E-04	1.280E-02
		{ 1.970E-04 }	{ 1.910E-03 }
05/18/1994		4.230E-04	1.250E-02
		{ 2.870E-04 }	{ 1.870E-03 }
06/01/1994		9.700E-05	1.150E-02
		{ 1.880E-04 }	{ 1.820E-03 }
06/15/1994	1	3.420E-04	8.860E-03
		{ 2.940E-04 }	{ 1.630E-03 }
06/29/1994		4.230E-05	6.000E-03
		{ 1.560E-04 }	{ 1.290E-03 }
07/13/1994		2.730E-04	5.250E-03
		{ 2.270E-04 }	{ 1.190E-03 }
07/27/1994		6.920E-04	1.540E-02
		{ 3.340E-04 }	{ 2.120E-03 }
08/10/1994		2.570E-04	1.150E-02
		{ 2.410E-04 }	{ 1.760E-03 }
08/24/1994		3.670E-04	1.480E-02
		{ 2.630E-04 }	{ 2.070E-03 }
09/07/1994		8.860E-04	1.540E-02
		{ 3.760E-04 }	{ 2.150E-03 }
09/21/1994		9.520E-04	1.570E-02
		{ 3.960E-04 }	{ 2.140E-03 }
10/05/1994		8.620E-04	2.360E-02
		{ 3.800E-04 }	{ 2.830E-03 }
10/19/1994		6.950E-04	2.230E-02
		{ 3.460E-04 }	{ 2.720E-03 }

2280 W END OF FIR ROAD

2282 W END OF FIR ROAD *

OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3
11/02/1994		2.190E-04	1.160E-02
		{ 2.480E-04}	{ 1.770E-03}
11/16/1994		1.960E-04	1.330E-02
		{ 2.360E-04}	{ 1.980E-03}
11/30/1994		8.500E-04	1.120E-02
		{ 3.710E-04}	{ 1.790E-03}
12/14/1994	2	NR	NR
12/28/1994		1.460E-05	2.270E-02
		{ 1.640E-04}	{ 2.880E-03}
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MEAN		4.171E-04	1.485E-02
MINIMUM		1.460E-05	5.250E-03
MAXIMUM		1.290E-03	3.270E-02
2STD. ERR		3.345E-03	2.649E-03

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
which includes the 2 sigma counting error and analytical error

{ } - Total Propagated Analytical Uncertainty.

NR - No result reported.

nra - Not routinely analyzed or analyzed on a less frequent basis

* - Analyzed as part of a composite sample only

1 PUMP FAILED.

2 NO SAMPLE. LOW EXPOSURE HOURS, SAVE FOR COMPOSITE.

2276 W END OF FIR ROAD-W END OF FIR ROAD,W END OF FIR ROAD (FILTER1 , PARTICULATE)

OFF DATE	COM	AM-241 PCI/M3	BE-7 PCI/M3	CO-60 PCI/M3	CS-134 PCI/M3	CS-137 PCI/M3	K-40 PCI/M3	PU-238 PCI/M3	PU39-40 PCI/M3
03/23/1994		nra	1.160E-01	2.620E-04	< .000E+00	< -6.810E-05	2.160E-02	nra	nra
			{ 1.380E-02}	{ 3.900E-04}	{ 2.560E-03}	{ 3.340E-04}	{ 6.110E-03}		
06/29/1994	1	nra	1.420E-01	< -4.730E-06	< -1.290E-04	< -2.460E-05	1.100E-02	nra	nra
			{ 1.880E-02}	{ 1.620E-04}	{ 2.420E-04}	{ 2.440E-04}	{ 5.160E-03}		
10/05/1994		nra	2.450E-01	2.530E-04	1.830E-04	7.890E-05	8.250E-04	nra	nra
			{ 3.160E-02}	{ 1.930E-04}	{ 2.430E-04}	{ 2.210E-04}	{ 4.860E-03}		
12/28/1994	2	< -1.310E-06	5.730E-02	1.700E-04	1.060E-04	1.550E-04	2.150E-02	< -4.170E-07	1.090E-06
		{ 7.820E-07}	{ 1.350E-02}	{ 3.380E-04}	{ 2.570E-04}	{ 2.410E-04}	{ 6.660E-03}	{ 3.780E-06}	{ 2.510E-06}
MEAN		-1.310E-06	1.401E-01	1.701E-04	4.000E-05	3.530E-05	1.373E-02	-4.170E-07	1.090E-06
MINIMUM		< -1.310E-06	5.730E-02	< -4.730E-06	< -1.290E-04	< -6.810E-05	8.250E-04	< -4.170E-07	1.090E-06
MAXIMUM		< -1.310E-06	2.450E-01	2.620E-04	1.830E-04	1.550E-04	2.160E-02	< -4.170E-07	1.090E-06
2STD. ERR		.000E+00	7.841E-02	1.237E-04	1.354E-04	1.008E-04	9.938E-03	.000E+00	.000E+00

2276 W END OF FIR ROAD-W END OF FIR ROAD,W END OF FIR ROAD (FILTER1 , PARTICULATE)

OFF DATE	COM	RU-106 PCI/M3	SR-90 PCI/M3	U-234 PCI/M3	U-235 PCI/M3	U-238 PCI/M3	UIISO TOTAL PCI/M3
03/23/1994	<	-3.700E-03 { 3.770E-03}	nra	nra	nra	nra	nra
06/29/1994	<	-6.660E-04 { 2.090E-03}	nra	nra	nra	nra	nra
10/05/1994	<	-2.140E-03 { 2.370E-03}	nra	nra	nra	nra	nra
12/28/1994	<	-9.860E-05 { 2.960E-03}	2.940E-05 { 7.780E-05}	2.040E-05 { 8.010E-06}	5.860E-07 { 2.420E-06}	2.520E-05 { 9.110E-06}	4.619E-05 { 1.200E-05}
MEAN		-1.651E-03	2.940E-05	2.040E-05	5.860E-07	2.520E-05	4.619E-05
MINIMUM	<	-3.700E-03	2.940E-05	2.040E-05	5.860E-07	2.520E-05	4.619E-05
MAXIMUM	<	-9.860E-05	2.940E-05	2.040E-05	5.860E-07	2.520E-05	4.619E-05
2STD. ERR		1.614E-03	.000E+00	.000E+00	.000E+00	.000E+00	.000E+00

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis
 * - Analyzed as part of a composite sample only
 1 Comment for sample 2280 on 06/15/1994
 ALPHA PUMP FAILED.
 Comment for sample 2282 on 06/15/1994
 BETA PUMP FAILED.
 2 Comment for sample 2282 on 12/14/1994
 BETA NO SAMPLE. LOW EXPOSURE HOURS, SAVE FOR COMPOSITE.
 Comment for sample 2280 on 12/14/1994
 BETA NO SAMPLE. LOW EXPOSURE HOURS, SAVE FOR COMPOSITE.
 TOTAL SAMPLE SIZE WAS REREPORTED BY LAB ON 7/13/95.

2286 DOGWOOD MET TOWER

2287 DOGWOOD MET TOWER *

OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3
01/12/1994		2.680E-04	2.290E-02
		{ 2.370E-04 }	{ 2.840E-03 }
01/26/1994		3.530E-04	2.350E-02
		{ 2.660E-04 }	{ 2.830E-03 }
02/09/1994		5.380E-04	3.260E-02
		{ 3.000E-04 }	{ 3.650E-03 }
02/23/1994		2.470E-04	1.040E-02
		{ 2.210E-04 }	{ 1.710E-03 }
03/09/1994		5.330E-04	1.210E-02
		{ 3.090E-04 }	{ 1.820E-03 }
03/23/1994		1.370E-04	1.170E-02
		{ 2.060E-04 }	{ 1.850E-03 }
04/06/1994		3.920E-04	1.280E-02
		{ 2.780E-04 }	{ 1.950E-03 }
04/20/1994		7.660E-04	1.180E-02
		{ 3.600E-04 }	{ 1.790E-03 }
05/04/1994		4.050E-04	9.790E-03
		{ 2.760E-04 }	{ 1.660E-03 }
05/18/1994		3.570E-04	1.330E-02
		{ 2.610E-04 }	{ 1.990E-03 }
06/01/1994		4.480E-04	9.850E-03
		{ 2.900E-04 }	{ 1.620E-03 }
06/15/1994		5.700E-04	7.830E-03
		{ 3.220E-04 }	{ 1.440E-03 }
06/29/1994		3.950E-04	1.210E-02
		{ 2.600E-04 }	{ 1.890E-03 }
07/13/1994		4.310E-04	9.040E-03
		{ 2.700E-04 }	{ 1.560E-03 }
07/27/1994		8.150E-04	1.610E-02
		{ 3.520E-04 }	{ 2.280E-03 }
08/10/1994		3.140E-04	1.170E-02
		{ 2.440E-04 }	{ 1.840E-03 }
08/24/1994		7.360E-04	1.320E-02
		{ 3.580E-04 }	{ 2.010E-03 }
09/07/1994		4.350E-04	1.360E-02
		{ 2.640E-04 }	{ 2.020E-03 }
09/21/1994		8.280E-04	1.660E-02
		{ 3.580E-04 }	{ 2.320E-03 }
10/05/1994		5.910E-04	2.770E-02
		{ 3.270E-04 }	{ 3.200E-03 }
10/19/1994		8.650E-04	2.220E-02
		{ 4.060E-04 }	{ 2.810E-03 }

2286 DOGWOOD MET TOWER

2287 DOGWOOD MET TOWER *

OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3
11/02/1994		4.200E-04	1.260E-02
		{ 2.870E-04 }	{ 1.880E-03 }
11/16/1994		3.900E-04	1.090E-02
		{ 2.800E-04 }	{ 1.700E-03 }
11/30/1994		4.340E-04	9.780E-03
		{ 2.950E-04 }	{ 1.600E-03 }
12/14/1994		1.370E-03	3.020E-02
		{ 4.570E-04 }	{ 3.600E-03 }
12/28/1994		7.550E-04	2.250E-02
		{ 3.400E-04 }	{ 2.740E-03 }
MEAN		5.305E-04	1.565E-02
MINIMUM		1.370E-04	7.830E-03
MAXIMUM		1.370E-03	3.260E-02
2STD. ERR		3.277E-03	2.730E-03

- < - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
- { } - Total Propagated Analytical Uncertainty.
- NR - No result reported.
- nra - Not routinely analyzed or analyzed on a less frequent basis
- * - Analyzed as part of a composite sample only

2284 DOGWOOD MET TOWER-DOGWOOD MET TOWER, DOGWOOD MET TOWER (FILTER1 , PARTICULATE)

OFF DATE	COM	AM-241 PCI/M3	BE-7 PCI/M3	CO-60 PCI/M3	CS-134 PCI/M3	CS-137 PCI/M3	K-40 PCI/M3	PU-238 PCI/M3	PU39-40 PCI/M3
03/23/1994		nra	1.080E-01 { 1.740E-02}	1.380E-04 { 3.320E-04}	< -2.480E-04 { 3.510E-04}	3.840E-04 { 2.520E-04}	6.120E-03 { 4.880E-03}	nra	nra
06/29/1994		nra	1.500E-01 { 2.080E-02}	< -1.800E-04 { 2.740E-04}	< -1.340E-04 { 2.240E-04}	8.420E-05 { 1.740E-04}	8.040E-03 { 5.690E-03}	nra	nra
10/05/1994		nra	2.200E-01 { 3.080E-02}	5.610E-05 { 4.520E-04}	< -3.770E-05 { 3.770E-04}	< -2.330E-04 { 4.430E-04}	1.110E-01 { 1.870E-02}	nra	nra
12/28/1994	1	< -5.210E-07 { 1.010E-06}	7.420E-02 { 1.340E-02}	1.310E-05 { 3.110E-04}	1.630E-04 { 2.870E-04}	1.740E-04 { 2.060E-04}	8.660E-03 { 4.840E-03}	4.270E-07 { 1.280E-06}	< -1.440E-07 { 1.280E-06}
MEAN		-5.210E-07	1.381E-01	6.800E-06	-6.418E-05	1.023E-04	3.346E-02	4.270E-07	-1.440E-07
MINIMUM	<	-5.210E-07	7.420E-02	< -1.800E-04	< -2.480E-04	< -2.330E-04	6.120E-03	4.270E-07	< -1.440E-07
MAXIMUM	<	-5.210E-07	2.200E-01	1.380E-04	1.630E-04	3.840E-04	1.110E-01	4.270E-07	< -1.440E-07
2STD. ERR		.000E+00	6.282E-02	1.349E-04	1.741E-04	2.564E-04	5.171E-02	.000E+00	.000E+00

2284 DOGWOOD MET TOWER-DOGWOOD MET TOWER,DOGWOOD MET TOWER (FILTER1 , PARTICULATE)

OFF DATE	COM	RU-106 PCI/M3	SR-90 PCI/M3	U-234 PCI/M3	U-235 PCI/M3	U-238 PCI/M3	UIISO TOTAL PCI/M3
03/23/1994	<	-1.070E-03 { 3.640E-03}	nra	nra	nra	nra	nra
06/29/1994	<	-1.170E-03 { 2.190E-03}	nra	nra	nra	nra	nra
10/05/1994		3.080E-04 { 3.820E-03}	nra	nra	nra	nra	nra
12/28/1994	<	-3.540E-05 { 2.830E-03}	< -1.230E-05 { 6.460E-05}	3.820E-05 { 1.010E-05}	< -7.040E-08 { 2.160E-06}	2.430E-05 { 8.510E-06}	6.243E-05 { 1.300E-05}
MEAN		-4.919E-04	-1.230E-05	3.820E-05	-7.040E-08	2.430E-05	6.243E-05
MINIMUM	<	-1.170E-03	< -1.230E-05	3.820E-05	< -7.040E-08	2.430E-05	6.243E-05
MAXIMUM		3.080E-04	< -1.230E-05	3.820E-05	< -7.040E-08	2.430E-05	6.243E-05
2STD. ERR		7.399E-04	.000E+00	.000E+00	.000E+00	.000E+00	.000E+00

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis
 * - Analyzed as part of a composite sample only
 1 TOTAL SAMPLE SIZE WAS REREPORTED BY LAB ON 7/13/95.

2290 BYERS LANDING

OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3
01/12/1994		9.710E-04 { 3.900E-04 }	2.840E-02 { 3.430E-03 }
01/26/1994		5.250E-04 { 2.990E-04 }	2.900E-02 { 3.390E-03 }
02/09/1994		1.070E-03 { 4.110E-04 }	3.860E-02 { 4.290E-03 }
02/23/1994		5.370E-04 { 3.000E-04 }	1.060E-02 { 1.680E-03 }
03/09/1994		5.260E-04 { 3.170E-04 }	1.540E-02 { 2.140E-03 }
03/23/1994		3.330E-04 { 2.660E-04 }	1.020E-02 { 1.660E-03 }
04/06/1994		3.400E-04 { 2.470E-04 }	1.330E-02 { 1.930E-03 }
04/20/1994		5.800E-04 { 3.050E-04 }	1.170E-02 { 1.790E-03 }
05/04/1994		3.230E-04 { 2.470E-04 }	1.090E-02 { 1.720E-03 }
05/18/1994		3.200E-04 { 2.560E-04 }	1.390E-02 { 1.980E-03 }
06/01/1994		4.880E-04 { 2.830E-04 }	1.240E-02 { 1.920E-03 }
06/15/1994		3.360E-04 { 2.450E-04 }	9.340E-03 { 1.590E-03 }
06/29/1994		5.060E-04 { 2.840E-04 }	1.080E-02 { 1.700E-03 }
07/13/1994		8.460E-04 { 3.660E-04 }	1.030E-02 { 1.700E-03 }
07/27/1994		6.680E-04 { 3.340E-04 }	1.680E-02 { 2.230E-03 }
08/10/1994		1.120E-03 { 4.170E-04 }	1.140E-02 { 1.760E-03 }
08/24/1994		5.690E-04 { 3.210E-04 }	1.560E-02 { 2.130E-03 }
09/07/1994		1.070E-04 { 1.970E-04 }	1.740E-02 { 2.300E-03 }
09/21/1994		4.390E-04 { 3.050E-04 }	1.650E-02 { 2.210E-03 }
10/05/1994		5.110E-04 { 3.180E-04 }	2.520E-02 { 3.040E-03 }
10/19/1994		1.370E-03 { 4.590E-04 }	2.580E-02 { 3.190E-03 }

2290 BYERS LANDING

OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3
11/02/1994		3.660E-04	1.260E-02
		{ 2.530E-04 }	{ 1.910E-03 }
11/16/1994		9.910E-05	1.170E-02
		{ 1.420E-04 }	{ 1.850E-03 }
11/30/1994		4.390E-04	2.180E-03
		{ 2.750E-04 }	{ 9.060E-04 }
12/14/1994	1	1.280E-03	3.090E-02
		{ 4.520E-04 }	{ 3.480E-03 }
12/28/1994		1.110E-03	2.070E-02
		{ 4.310E-04 }	{ 2.700E-03 }
MEAN		6.069E-04	1.660E-02
MINIMUM		9.910E-05	2.180E-03
MAXIMUM		1.370E-03	3.860E-02
2STD. ERR		3.777E-03	3.263E-03

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis
 * - Analyzed as part of a composite sample only
 1 HOUR METER NOT WORKING.

2288 BYERS LANDING-BYERS LANDING (FILTER1 , PARTICULATE)

OFF DATE	COM	AM-241 PCI/M3	BE-7 PCI/M3	CO-60 PCI/M3	CS-134 PCI/M3	CS-137 PCI/M3	K-40 PCI/M3	PU-238 PCI/M3	PU39-40 PCI/M3
03/23/1994		nra	1.100E-01 { 2.200E-02 }	1.070E-04 { 7.060E-04 }	5.670E-04 { 4.020E-04 }	< -2.620E-04 { 5.730E-04 }	1.880E-02 { 1.010E-02 }	nra	nra
06/29/1994		nra	1.790E-01 { 2.800E-02 }	2.370E-04 { 3.960E-04 }	< -7.270E-04 { 5.610E-04 }	1.730E-04 { 5.080E-04 }	5.790E-03 { 7.510E-03 }	nra	nra
10/05/1994		nra	1.770E-01 { 2.880E-02 }	< -2.430E-04 { 3.850E-04 }	1.810E-04 { 3.980E-04 }	< -3.650E-04 { 4.050E-04 }	1.840E-02 { 9.590E-03 }	nra	nra
12/28/1994	1	< -7.800E-08 { 3.190E-06 }	1.080E-01 { 2.930E-02 }	6.380E-04 { 6.810E-04 }	< -2.620E-04 { 5.260E-04 }	< -2.010E-04 { 5.090E-04 }	3.780E-02 { 1.180E-02 }	< -8.100E-07 { 2.820E-06 }	5.840E-07 { 1.850E-06 }
MEAN		-7.800E-08	1.435E-01	1.848E-04	-6.025E-05	-1.638E-04	2.020E-02	-8.100E-07	5.840E-07
MINIMUM		< -7.800E-08	1.080E-01	< -2.430E-04	< -7.270E-04	< -3.650E-04	5.790E-03	< -8.100E-07	5.840E-07
MAXIMUM		< -7.800E-08	1.790E-01	6.380E-04	5.670E-04	1.730E-04	3.780E-02	< -8.100E-07	5.840E-07
2STD. ERR		.000E+00	3.985E-02	3.639E-04	5.588E-04	2.345E-04	1.320E-02	.000E+00	.000E+00

2288 BYERS LANDING-BYERS LANDING (FILTER1 , PARTICULATE)

OFF DATE	COM	RU-106 PCI/M3	SR-90 PCI/M3	U-234 PCI/M3	U-235 PCI/M3	U-238 PCI/M3	UISO TOTAL PCI/M3
03/23/1994		< -1.110E-03 { 4.130E-03}	nra	nra	nra	nra	nra
06/29/1994		< -7.850E-04 { 5.330E-03}	nra	nra	nra	nra	nra
10/05/1994		< -3.950E-03 { 4.280E-03}	nra	nra	nra	nra	nra
12/28/1994		< -1.120E-03 { 4.430E-03}	< -3.830E-05 { 1.260E-04}	2.940E-05 { 1.280E-05}	2.420E-06 { 3.580E-06}	2.800E-05 { 1.210E-05}	5.982E-05 { 1.800E-05}
MEAN		-1.741E-03	-3.830E-05	2.940E-05	2.420E-06	2.800E-05	5.982E-05
MINIMUM		< -3.950E-03	< -3.830E-05	2.940E-05	2.420E-06	2.800E-05	5.982E-05
MAXIMUM		< -7.850E-04	< -3.830E-05	2.940E-05	2.420E-06	2.800E-05	5.982E-05
2STD. ERR		1.481E-03	.000E+00	.000E+00	.000E+00	.000E+00	.000E+00

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis
 * - Analyzed as part of a composite sample only
 1 Comment for sample 2290 on 12/14/1994
 ALPHA HOUR METER NOT WORKING.
 TOTAL SAMPLE SIZE WAS REREPORTED BY LAB ON 7/13/95.

2295 HORN RAPIDS SUBSTA

2296 PROSSER BARRICADE *

OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3
01/11/1994		8.860E-04	3.280E-02
		{ 3.690E-04}	{ 3.850E-03}
01/25/1994		6.350E-04	2.880E-02
		{ 3.410E-04}	{ 3.480E-03}
02/08/1994		7.390E-04	3.710E-02
		{ 3.430E-04}	{ 4.030E-03}
02/22/1994		3.800E-04	1.400E-02
		{ 2.620E-04}	{ 1.990E-03}
03/08/1994		4.500E-04	1.640E-02
		{ 2.820E-04}	{ 2.210E-03}
03/22/1994		1.360E-04	1.190E-02
		{ 2.050E-04}	{ 1.790E-03}
04/05/1994		1.860E-03	1.210E-02
		{ 5.710E-04}	{ 1.830E-03}
04/19/1994		6.610E-04	1.110E-02
		{ 3.440E-04}	{ 1.720E-03}
05/03/1994		3.940E-04	1.370E-02
		{ 2.600E-04}	{ 1.960E-03}
05/17/1994		7.240E-04	1.420E-02
		{ 3.420E-04}	{ 2.040E-03}
05/31/1994		2.420E-04	1.080E-02
		{ 2.180E-04}	{ 1.700E-03}
06/14/1994		3.480E-04	9.740E-03
		{ 2.530E-04}	{ 1.660E-03}
06/28/1994		3.020E-04	1.220E-02
		{ 2.350E-04}	{ 1.860E-03}
07/12/1994		2.730E-04	1.060E-02
		{ 2.400E-04}	{ 1.690E-03}
07/26/1994		3.890E-04	1.500E-02
		{ 2.800E-04}	{ 2.120E-03}
08/09/1994		6.000E-04	1.410E-02
		{ 3.140E-04}	{ 2.070E-03}
08/23/1994		3.680E-04	1.600E-02
		{ 2.640E-04}	{ 2.170E-03}
09/06/1994		4.520E-04	1.490E-02
		{ 2.930E-04}	{ 2.070E-03}
09/20/1994		4.510E-04	1.620E-02
		{ 2.950E-04}	{ 2.280E-03}
10/04/1994		8.140E-04	2.620E-02
		{ 3.660E-04}	{ 3.060E-03}
10/18/1994		8.000E-04	2.380E-02
		{ 3.600E-04}	{ 2.860E-03}

2295 HORN RAPIDS SUBSTA

2296 PROSSER BARRICADE *

OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3
11/01/1994		4.560E-04	1.280E-02
		{ 3.030E-04}	{ 1.900E-03}
11/15/1994		2.720E-04	1.090E-02
		{ 2.270E-04}	{ 1.700E-03}
11/29/1994		5.440E-04	1.190E-02
		{ 3.050E-04}	{ 1.790E-03}
12/13/1994		1.110E-03	2.810E-02
		{ 4.360E-04}	{ 3.240E-03}
12/27/1994		1.440E-03	2.450E-02
		{ 4.740E-04}	{ 3.050E-03}
MEAN		6.048E-04	1.730E-02
MINIMUM		1.360E-04	9.740E-03
MAXIMUM		1.860E-03	3.710E-02
2STD. ERR		3.765E-03	3.006E-03

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis
 * - Analyzed as part of a composite sample only

2293 PROSSER BARRICADE-HORN RAPIDS SUBSTA, PROSSER BARRICADE (FILTER1 , PARTICULATE)

OFF DATE	COM	BE-7 PCI/M3	CO-60 PCI/M3	CS-134 PCI/M3	CS-137 PCI/M3	K-40 PCI/M3	PU-238 PCI/M3	PU39-40 PCI/M3	RU-106 PCI/M3
03/22/1994		1.120E-01	< -2.410E-04	1.460E-05	5.950E-05	4.260E-03	nra	nra	2.670E-03
		{ 1.890E-02}	{ 3.670E-04}	{ 3.130E-04}	{ 2.680E-04}	{ 8.240E-03}			{ 2.870E-03}
06/28/1994		1.720E-01	< -1.690E-05	8.020E-05	2.560E-04	7.780E-03	nra	nra	4.520E-04
		{ 2.310E-02}	{ 2.570E-04}	{ 2.230E-04}	{ 2.140E-04}	{ 4.000E-03}			{ 2.330E-03}
10/04/1994		2.100E-01	< -3.570E-04	2.820E-04	2.170E-04	2.240E-02	nra	nra	1.820E-03
		{ 2.990E-02}	{ 3.680E-04}	{ 2.640E-04}	{ 2.560E-04}	{ 6.140E-03}			{ 2.530E-03}
12/27/1994	1	4.620E-02	4.520E-05	2.420E-04	3.370E-05	1.320E-02	< -6.440E-07	5.750E-07	1.540E-03
		{ 1.000E-02}	{ 2.310E-04}	{ 2.110E-04}	{ 2.030E-04}	{ 5.560E-03}	{ 6.970E-07}	{ 1.850E-06}	{ 2.410E-03}
MEAN		1.351E-01	-1.424E-04	1.547E-04	1.416E-04	1.191E-02	-6.440E-07	5.750E-07	1.621E-03
MINIMUM		4.620E-02	< -3.570E-04	1.460E-05	3.370E-05	4.260E-03	< -6.440E-07	5.750E-07	4.520E-04
MAXIMUM		2.100E-01	4.520E-05	2.820E-04	2.560E-04	2.240E-02	< -6.440E-07	5.750E-07	2.670E-03
2STD. ERR		7.167E-02	1.886E-04	1.278E-04	1.113E-04	7.901E-03	.000E+00	.000E+00	9.153E-04

2293 PROSSER BARRICADE-HORN RAPIDS SUBSTA, PROSSER BARRICADE (FILTER1 , PARTICULATE)

OFF DATE	COM	SR-90 PCI/M3	U-234 PCI/M3	U-235 PCI/M3	U-238 PCI/M3	UI50 TOTAL PCI/M3
03/22/1994		nra	nra	nra	nra	nra
06/28/1994		nra	nra	nra	nra	nra
10/04/1994		nra	nra	nra	nra	nra
12/27/1994		< -1.780E-05 { 4.500E-05}	1.640E-05 { 7.380E-06}	2.480E-06 { 2.500E-06}	1.550E-05 { 6.960E-06}	3.438E-05 { 1.000E-05}
MEAN		-1.780E-05	1.640E-05	2.480E-06	1.550E-05	3.438E-05
MINIMUM		< -1.780E-05	1.640E-05	2.480E-06	1.550E-05	3.438E-05
MAXIMUM		< -1.780E-05	1.640E-05	2.480E-06	1.550E-05	3.438E-05
2STD. ERR		.000E+00	.000E+00	.000E+00	.000E+00	.000E+00

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis
 * - Analyzed as part of a composite sample only
 1 TOTAL SAMPLE SIZE WAS REREPORTED BY LAB ON 7/13/95.

2299 YAKIMA BARRICADE

2300 YAKIMA BARRICADE *

OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3
01/12/1994		4.910E-04	2.520E-02
		{ 3.030E-04 }	{ 3.140E-03 }
01/26/1994		3.160E-04	2.450E-02
		{ 2.640E-04 }	{ 2.920E-03 }
02/09/1994		6.110E-04	3.090E-02
		{ 3.210E-04 }	{ 3.490E-03 }
02/23/1994		5.830E-05	8.440E-03
		{ 2.030E-04 }	{ 1.510E-03 }
03/09/1994		6.780E-04	1.730E-02
		{ 3.440E-04 }	{ 2.390E-03 }
03/23/1994		3.430E-04	8.430E-03
		{ 2.600E-04 }	{ 1.480E-03 }
04/06/1994		5.570E-04	1.410E-02
		{ 3.010E-04 }	{ 2.010E-03 }
04/20/1994		5.890E-04	1.090E-02
		{ 3.230E-04 }	{ 1.790E-03 }
05/04/1994		6.420E-04	1.190E-02
		{ 3.250E-04 }	{ 1.790E-03 }
05/18/1994		5.080E-04	1.160E-02
		{ 3.030E-04 }	{ 1.770E-03 }
06/01/1994		5.930E-04	1.090E-02
		{ 3.120E-04 }	{ 1.760E-03 }
06/15/1994		1.740E-04	6.610E-03
		{ 2.070E-04 }	{ 1.330E-03 }
06/29/1994		4.880E-04	8.940E-04
		{ 3.070E-04 }	{ 8.510E-04 }
07/13/1994		1.910E-04	8.400E-03
		{ 2.320E-04 }	{ 1.500E-03 }
07/26/1994		8.400E-04	1.490E-02
		{ 3.780E-04 }	{ 2.130E-03 }
08/10/1994		7.180E-04	1.380E-02
		{ 3.160E-04 }	{ 2.000E-03 }
08/24/1994	<	-1.510E-04	1.460E-02
		{ 8.930E-05 }	{ 2.110E-03 }
09/07/1994		3.140E-04	1.470E-02
		{ 2.450E-04 }	{ 2.060E-03 }
09/21/1994		6.730E-04	1.400E-02
		{ 3.260E-04 }	{ 2.060E-03 }
10/05/1994		5.290E-04	2.350E-02
		{ 2.870E-04 }	{ 2.960E-03 }
10/19/1994		3.320E-04	2.090E-02
		{ 2.650E-04 }	{ 2.590E-03 }

2299 YAKIMA BARRICADE

2300 YAKIMA BARRICADE *

OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3
11/02/1994		3.370E-04	9.050E-03
		{ 2.460E-04 }	{ 1.530E-03 }
11/16/1994		5.450E-04	1.250E-02
		{ 2.950E-04 }	{ 1.860E-03 }
11/30/1994		7.270E-04	9.760E-03
		{ 3.430E-04 }	{ 1.620E-03 }
12/14/1994		6.220E-04	2.960E-02
		{ 3.280E-04 }	{ 3.440E-03 }
12/28/1994		9.020E-04	2.180E-02
		{ 3.900E-04 }	{ 2.730E-03 }
MEAN		4.857E-04	1.497E-02
MINIMUM	<	-1.510E-04	8.940E-04
MAXIMUM		9.020E-04	3.090E-02
2STD. ERR		3.330E-03	2.877E-03

- < - Result less than the 2 sigma Total Propagated Analytical Uncertainty which includes the 2 sigma counting error and analytical error
- { } - Total Propagated Analytical Uncertainty.
- NR - No result reported.
- nra - Not routinely analyzed or analyzed on a less frequent basis
- * - Analyzed as part of a composite sample only

2297 YAKIMA BARRICADE-YAKIMA BARRICADE, YAKIMA BARRICADE (FILTER1 , PARTICULATE)

OFF DATE	COM	BE-7 PCI/M3	CO-60 PCI/M3	CS-134 PCI/M3	CS-137 PCI/M3	K-40 PCI/M3	PU-238 PCI/M3	PU39-40 PCI/M3	RU-106 PCI/M3
03/23/1994		9.780E-02	3.200E-05	< -2.590E-05	< -3.070E-04	1.500E-02	nra	nra	1.010E-03
		{ 1.320E-02 }	{ 2.330E-04 }	{ 2.730E-04 }	{ 3.000E-04 }	{ 6.100E-03 }			{ 2.940E-03 }
06/29/1994		1.410E-01	2.700E-04	< -2.590E-04	2.350E-04	1.080E-02	nra	nra	1.870E-03
		{ 2.070E-02 }	{ 1.930E-04 }	{ 2.900E-04 }	{ 2.780E-04 }	{ 4.730E-03 }			{ 2.380E-03 }
10/05/1994		2.040E-01	< -2.830E-04	< -2.070E-04	1.210E-04	1.920E-02	nra	nra	< -4.790E-04
		{ 2.890E-02 }	{ 4.420E-04 }	{ 2.940E-04 }	{ 2.850E-04 }	{ 6.200E-03 }			{ 2.870E-03 }
12/28/1994	1	6.760E-02	2.810E-04	< -1.340E-04	< -2.420E-04	1.170E-02	3.080E-06	4.340E-07	3.540E-03
		{ 1.510E-02 }	{ 3.040E-04 }	{ 3.200E-04 }	{ 3.310E-04 }	{ 4.910E-03 }	{ 4.070E-06 }	{ 1.200E-06 }	{ 2.330E-03 }
MEAN		1.276E-01	7.500E-05	-1.565E-04	-4.825E-05	1.418E-02	3.080E-06	4.340E-07	1.485E-03
MINIMUM		6.760E-02	< -2.830E-04	< -2.590E-04	< -3.070E-04	1.080E-02	3.080E-06	4.340E-07	< -4.790E-04
MAXIMUM		2.040E-01	2.810E-04	< -2.590E-05	2.350E-04	1.920E-02	3.080E-06	4.340E-07	3.540E-03
2STD. ERR		5.917E-02	2.649E-04	1.010E-04	2.667E-04	3.806E-03	.000E+00	.000E+00	1.679E-03

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis
 * - Analyzed as part of a composite sample only
 1 TOTAL SAMPLE SIZE WAS REREPORTED BY LAB ON 7/13/95.

2303 WAHLUKE SLOPE

2304 WAHLUKE SLOPE *

OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3
01/05/1994		7.410E-04	2.710E-02
		{ 3.330E-04}	{ 3.150E-03}
01/19/1994		3.460E-04	9.320E-03
		{ 2.410E-04}	{ 1.630E-03}
02/02/1994		3.530E-04	4.090E-02
		{ 2.450E-04}	{ 4.630E-03}
02/16/1994		4.990E-04	2.410E-02
		{ 2.890E-04}	{ 2.880E-03}
03/02/1994		2.870E-04	1.410E-02
		{ 2.490E-04}	{ 2.000E-03}
03/16/1994		1.880E-04	3.160E-02
		{ 2.160E-04}	{ 4.770E-03}
03/30/1994		5.640E-04	9.530E-03
		{ 3.060E-04}	{ 1.580E-03}
04/13/1994		9.160E-04	9.160E-03
		{ 3.920E-04}	{ 1.610E-03}
04/27/1994		3.820E-04	1.090E-02
		{ 2.720E-04}	{ 1.730E-03}
05/11/1994		3.230E-04	1.440E-02
		{ 2.580E-04}	{ 2.100E-03}
05/25/1994	1	3.610E-04	1.060E-02
		{ 2.500E-04}	{ 1.690E-03}
06/08/1994		1.850E-04	7.530E-03
		{ 2.010E-04}	{ 1.450E-03}
06/22/1994	2	1.430E-04	9.640E-03
		{ 1.960E-04}	{ 1.600E-03}
07/07/1994		4.090E-04	1.120E-02
		{ 2.570E-04}	{ 1.770E-03}
07/20/1994		5.880E-04	1.080E-02
		{ 3.400E-04}	{ 1.780E-03}
08/03/1994		4.140E-04	1.680E-02
		{ 2.810E-04}	{ 2.240E-03}
08/17/1994		5.850E-04	1.340E-02
		{ 3.160E-04}	{ 1.950E-03}
08/31/1994		2.820E-04	1.400E-02
		{ 2.450E-04}	{ 2.050E-03}
09/14/1994		5.930E-04	1.240E-02
		{ 3.200E-04}	{ 1.870E-03}
09/28/1994	3	7.960E-04	2.650E-02
		{ 4.460E-04}	{ 3.450E-03}
10/12/1994		6.490E-04	2.030E-02
		{ 3.300E-04}	{ 2.550E-03}

2303 WAHLUKE SLOPE

2304 WAHLUKE SLOPE *

OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3
10/26/1994		6.330E-04	1.630E-02
		{ 3.140E-04 }	{ 2.280E-03 }
11/09/1994		2.430E-04	8.150E-03
		{ 2.190E-04 }	{ 1.500E-03 }
11/23/1994		3.340E-04	1.250E-02
		{ 2.540E-04 }	{ 1.830E-03 }
12/07/1994		5.290E-04	1.810E-02
		{ 2.960E-04 }	{ 2.340E-03 }
12/21/1994		2.060E-03	2.660E-02
		{ 5.700E-04 }	{ 3.170E-03 }
01/04/1995	4	8.350E-04	2.320E-02
		{ 3.610E-04 }	{ 2.850E-03 }
MEAN		5.273E-04	1.663E-02
MINIMUM		1.430E-04	7.530E-03
MAXIMUM		2.060E-03	4.090E-02
2STD. ERR		3.922E-03	3.197E-03

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis
 * - Analyzed as part of a composite sample only
 1 AIRPLANE SPRAYING OCCURING IN AREA.
 2 BETA RESULT MODIFIED PER 8/4/94 REPORT.
 3 MCI NOT RUNNING.

4 ICE ON PARTICLE FILTER HEAD.

2301 WAHLUKE SLOPE-WAHLUKE SLOPE, WAHLUKE SLOPE (FILTER1 , PARTICULATE)

OFF DATE	COM	BE-7 PCI/M3	CO-60 PCI/M3	CS-134 PCI/M3	CS-137 PCI/M3	K-40 PCI/M3	PU-238 PCI/M3	PU39-40 PCI/M3	RU-106 PCI/M3
03/30/1994		1.190E-01	1.560E-04	< -2.680E-04	5.720E-05	7.730E-03	nra	nra	< -1.650E-03
		{ 1.880E-02 }	{ 2.150E-04 }	{ 3.170E-04 }	{ 1.860E-04 }	{ 4.280E-03 }			{ 2.330E-03 }
07/07/1994	1	1.470E-01	1.480E-04	< -1.390E-04	2.390E-04	4.780E-03	nra	nra	1.620E-03
		{ 2.020E-02 }	{ 2.240E-04 }	{ 2.140E-04 }	{ 2.090E-04 }	{ 5.400E-03 }			{ 1.370E-03 }
09/28/1994	2	2.250E-01	< -4.110E-04	< -1.100E-04	5.380E-05	1.440E-02	nra	nra	< -2.250E-03
		{ 3.090E-02 }	{ 4.680E-04 }	{ 3.450E-04 }	{ 3.990E-04 }	{ 7.220E-03 }			{ 3.310E-03 }
01/04/1995	3	1.150E-01	1.390E-04	6.970E-05	< -7.740E-05	3.990E-03	< -1.380E-06	< -1.400E-07	9.470E-04
		{ 1.820E-02 }	{ 3.410E-04 }	{ 2.920E-04 }	{ 3.280E-04 }	{ 4.240E-03 }	{ 2.040E-06 }	{ 1.500E-06 }	{ 2.650E-03 }
MEAN		1.515E-01	8.000E-06	-1.118E-04	6.815E-05	7.725E-03	-1.380E-06	-1.400E-07	-3.333E-04
MINIMUM		1.150E-01	< -4.110E-04	< -2.680E-04	< -7.740E-05	3.990E-03	< -1.380E-06	< -1.400E-07	< -2.250E-03
MAXIMUM		2.250E-01	1.560E-04	6.970E-05	2.390E-04	1.440E-02	< -1.380E-06	< -1.400E-07	1.620E-03
2STD. ERR		5.103E-02	2.794E-04	1.391E-04	1.300E-04	4.732E-03	.000E+00	.000E+00	1.903E-03

2301 WAHLUKE SLOPE-WAHLUKE SLOPE, WAHLUKE SLOPE (FILTER1 , PARTICULATE)

OFF DATE	COM	SR-90 PCI/M3
03/30/1994		nra
07/07/1994		nra
09/28/1994		nra
01/04/1995		< -5.750E-05 (4.780E-05)
MEAN		-5.750E-05
MINIMUM		< -5.750E-05
MAXIMUM		< -5.750E-05
2STD. ERR		.000E+00

- < - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
- { } - Total Propagated Analytical Uncertainty.
- NR - No result reported.
- nra - Not routinely analyzed or analyzed on a less frequent basis
- * - Analyzed as part of a composite sample only
- 1 Comment for sample 2303 on 05/25/1994
 ALPHA AIRPLANE SPRAYING OCCURING IN AREA.
 Comment for sample 2303 on 06/22/1994
 BETA RESULT MODIFIED PER 8/4/94 REPORT.
- 2 Comment for sample 2303 on 09/28/1994
 BETA MCI NOT RUNNING.
 Comment for sample 2304 on 05/25/1994
 BETA AIRPLAN SPRAYING OCCURING IN AREA.
 Comment for sample 2304 on 09/28/1994
 MCI NOT RUNNING.
- 3 Comment for sample 2304 on 01/04/1995
 ICE ON PARTICLE FILTER HEAD.
 Comment for sample 2303 on 01/04/1995
 ICE ON PARTICLE FILTER HEAD.
 TOTAL SAMPLE SIZE WAS REREPORTED BY LAB ON 7/13/95.

2323 BASIN CITY SCHOOL

2324 BASIN CITY SCHOOL *

OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3
01/04/1994		8.330E-04	4.640E-02
		{ 3.520E-04 }	{ 5.140E-03 }
01/18/1994	<	-6.220E-05	9.920E-03
		{ 1.610E-04 }	{ 1.620E-03 }
02/01/1994		7.580E-04	3.620E-02
		{ 3.450E-04 }	{ 3.940E-03 }
02/15/1994		8.150E-04	2.450E-02
		{ 3.750E-04 }	{ 3.020E-03 }
03/01/1994		4.150E-04	1.380E-02
		{ 2.810E-04 }	{ 1.960E-03 }
03/15/1994		3.920E-04	3.750E-02
		{ 2.680E-04 }	{ 5.410E-03 }
03/29/1994		6.100E-04	9.120E-03
		{ 3.120E-04 }	{ 1.600E-03 }
04/12/1994		3.950E-04	1.090E-02
		{ 2.810E-04 }	{ 1.710E-03 }
04/26/1994		6.150E-04	1.310E-02
		{ 3.190E-04 }	{ 1.910E-03 }
05/10/1994		3.670E-04	1.260E-02
		{ 2.560E-04 }	{ 1.850E-03 }
05/24/1994		3.300E-04	5.340E-03
		{ 2.640E-04 }	{ 1.240E-03 }
06/07/1994		1.880E-04	9.450E-03
		{ 2.160E-04 }	{ 1.570E-03 }
06/21/1994		6.240E-04	8.150E-03
		{ 3.180E-04 }	{ 1.470E-03 }
07/05/1994		5.960E-04	1.120E-02
		{ 3.270E-04 }	{ 1.750E-03 }
07/19/1994		3.750E-04	1.220E-02
		{ 2.800E-04 }	{ 1.850E-03 }
08/02/1994		5.580E-04	1.460E-02
		{ 3.030E-04 }	{ 2.070E-03 }
08/16/1994		4.340E-04	1.840E-02
		{ 2.730E-04 }	{ 2.380E-03 }
08/30/1994		5.420E-04	1.320E-02
		{ 2.950E-04 }	{ 1.940E-03 }
09/13/1994		3.020E-04	1.270E-02
		{ 2.460E-04 }	{ 1.940E-03 }
09/27/1994		4.440E-04	2.510E-02
		{ 2.900E-04 }	{ 2.980E-03 }
10/11/1994		8.600E-04	2.300E-02
		{ 3.580E-04 }	{ 2.750E-03 }

2323 BASIN CITY SCHOOL

2324 BASIN CITY SCHOOL *

OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3
10/25/1994		5.430E-04 { 3.120E-04}	1.750E-02 { 2.330E-03}
11/08/1994		2.920E-04 { 2.390E-04}	1.030E-02 { 1.640E-03}
11/22/1994		2.430E-04 { 2.180E-04}	1.250E-02 { 1.870E-03}
12/09/1994	1 <	-1.630E-05 { 1.220E-04}	2.130E-02 { 2.510E-03}
12/20/1994		6.570E-04 { 3.850E-04}	2.310E-02 { 2.980E-03}
01/03/1995		9.400E-04 { 3.910E-04}	2.540E-02 { 3.140E-03}
-----		-----	-----
MEAN		4.833E-04	1.768E-02
MINIMUM	<	-6.220E-05	5.340E-03
MAXIMUM		9.400E-04	4.640E-02
2STD. ERR		4.608E-03	3.814E-03

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis
 * - Analyzed as part of a composite sample only
 1 ALPHA RESULT MODIFIED PER 3/8/95 REPORT.

2321 BASIN CITY SCHOOL-BASIN CITY SCHOOL,BASIN CITY SCHOOL (FILTER1 , PARTICULATE)

OFF DATE	COM	BE-7 PCI/M3	CO-60 PCI/M3	CS-134 PCI/M3	CS-137 PCI/M3	K-40 PCI/M3	PU-238 PCI/M3	PU39-40 PCI/M3	RU-106 PCI/M3
03/29/1994		1.150E-01	< -3.130E-04	< -7.520E-05	< -2.360E-05	8.440E-03	nra	nra	1.370E-03
		{ 1.980E-02}	{ 3.890E-04}	{ 2.560E-04}	{ 2.530E-04}	{ 3.830E-03}			{ 2.270E-03}
07/05/1994		1.900E-01	< -3.960E-05	< -3.580E-04	< -3.570E-04	4.660E-03	nra	nra	< -6.400E-04
		{ 2.500E-02}	{ 3.450E-04}	{ 3.180E-04}	{ 3.260E-04}	{ 4.940E-03}			{ 2.990E-03}
09/27/1994		2.240E-01	1.060E-04	4.280E-05	< -5.030E-05	1.500E-02	nra	nra	2.030E-03
		{ 3.050E-02}	{ 2.600E-04}	{ 2.570E-04}	{ 2.850E-04}	{ 7.370E-03}			{ 2.630E-03}
01/03/1995	1	8.090E-02	< -8.970E-05	5.150E-05	9.270E-05	1.450E-02	< -1.340E-06	< -1.080E-06	< -1.990E-04
		{ 1.330E-02}	{ 3.250E-04}	{ 2.030E-04}	{ 2.330E-04}	{ 6.190E-03}	{ 1.960E-06}	{ 1.910E-06}	{ 2.290E-03}
MEAN		1.525E-01	-8.408E-05	-8.473E-05	-8.455E-05	1.065E-02	-1.340E-06	-1.080E-06	6.403E-04
MINIMUM		8.090E-02	< -3.130E-04	< -3.580E-04	< -3.570E-04	4.660E-03	< -1.340E-06	< -1.080E-06	< -6.400E-04
MAXIMUM		2.240E-01	1.060E-04	5.150E-05	9.270E-05	1.500E-02	< -1.340E-06	< -1.080E-06	2.030E-03
2STD. ERR		6.596E-02	1.737E-04	1.911E-04	1.920E-04	4.984E-03	.000E+00	.000E+00	1.266E-03

2321 BASIN CITY SCHOOL-BASIN CITY SCHOOL,BASIN CITY SCHOOL (FILTER1 , PARTICULATE)

OFF DATE	COM	SR-90 PCI/M3	U-234 PCI/M3	U-235 PCI/M3	U-238 PCI/M3	UIISO TOTAL PCI/M3
03/29/1994		nra	nra	nra	nra	nra
07/05/1994		nra	nra	nra	nra	nra
09/27/1994		nra	nra	nra	nra	nra
01/03/1995		5.120E-06 { 5.390E-05}	2.800E-05 { 8.870E-06}	9.090E-07 { 2.130E-06}	3.290E-05 { 9.500E-06}	6.181E-05 { 1.300E-05}
MEAN		5.120E-06	2.800E-05	9.090E-07	3.290E-05	6.181E-05
MINIMUM		5.120E-06	2.800E-05	9.090E-07	3.290E-05	6.181E-05
MAXIMUM		5.120E-06	2.800E-05	9.090E-07	3.290E-05	6.181E-05
2STD. ERR		.000E+00	.000E+00	.000E+00	.000E+00	.000E+00

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis
 * - Analyzed as part of a composite sample only
 1 Comment for sample 2323 on 12/09/1994
 ALPHA RESULT MODIFIED PER 3/8/95 REPORT.
 TOTAL SAMPLE SIZE WAS REREPORTED BY LAB ON 7/13/95.

2327 LESLIE GROVES-RCHLND

2328 LESLIE GROVES-RCHLND *

OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3
01/04/1994		8.690E-04	4.580E-02
		{ 3.600E-04 }	{ 4.920E-03 }
01/18/1994		6.510E-04	6.590E-03
		{ 3.150E-04 }	{ 1.330E-03 }
02/01/1994		5.610E-04	3.360E-02
		{ 2.950E-04 }	{ 3.940E-03 }
02/15/1994		3.090E-04	2.360E-02
		{ 2.410E-04 }	{ 2.860E-03 }
03/01/1994		3.840E-04	9.700E-03
		{ 2.630E-04 }	{ 1.660E-03 }
03/15/1994		4.630E-04	3.310E-02
		{ 2.790E-04 }	{ 4.840E-03 }
03/29/1994		5.370E-04	8.170E-03
		{ 3.000E-04 }	{ 1.460E-03 }
04/12/1994		2.850E-04	9.530E-03
		{ 2.450E-04 }	{ 1.630E-03 }
04/26/1994		2.340E-04	1.200E-02
		{ 2.260E-04 }	{ 1.830E-03 }
05/10/1994		2.760E-04	1.320E-02
		{ 2.520E-04 }	{ 1.950E-03 }
05/24/1994		4.780E-04	4.280E-03
		{ 2.780E-04 }	{ 1.100E-03 }
06/07/1994		8.510E-04	1.020E-02
		{ 3.640E-04 }	{ 1.650E-03 }
06/21/1994		3.060E-04	8.420E-03
		{ 2.370E-04 }	{ 1.490E-03 }
07/05/1994		1.760E-04	1.140E-02
		{ 2.190E-04 }	{ 1.810E-03 }
07/19/1994		4.530E-04	1.420E-02
		{ 2.970E-04 }	{ 2.090E-03 }
08/02/1994		8.290E-04	1.500E-02
		{ 3.650E-04 }	{ 2.170E-03 }
08/16/1994		6.310E-04	1.170E-02
		{ 3.150E-04 }	{ 1.780E-03 }
08/30/1994		4.010E-04	1.440E-02
		{ 2.760E-04 }	{ 2.090E-03 }
09/13/1994		2.620E-04	1.210E-02
		{ 2.420E-04 }	{ 1.840E-03 }
09/27/1994		4.420E-04	2.910E-02
		{ 2.770E-04 }	{ 3.320E-03 }
10/11/1994		9.330E-04	2.020E-02
		{ 3.980E-04 }	{ 2.530E-03 }

2327 LESLIE GROVES-RCHLND

2328 LESLIE GROVES-RCHLND *

OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3
10/25/1994		3.440E-04	1.820E-02
		{ 2.530E-04}	{ 2.360E-03}
11/08/1994		2.980E-04	9.390E-03
		{ 2.560E-04}	{ 1.580E-03}
11/22/1994		5.410E-04	1.150E-02
		{ 3.160E-04}	{ 1.820E-03}
12/06/1994		4.340E-04	1.540E-02
		{ 2.950E-04}	{ 2.200E-03}
12/20/1994		1.070E-03	3.040E-02
		{ 4.160E-04}	{ 3.440E-03}
01/03/1995		5.870E-04	2.390E-02
		{ 3.080E-04}	{ 2.880E-03}
MEAN		5.039E-04	1.685E-02
MINIMUM		1.760E-04	4.280E-03
MAXIMUM		1.070E-03	4.580E-02
2STD. ERR		4.443E-03	3.850E-03

- < - Result less than the 2 sigma Total Propagated Analytical Uncertainty which includes the 2 sigma counting error and analytical error
- { } - Total Propagated Analytical Uncertainty.
- NR - No result reported.
- nra - Not routinely analyzed or analyzed on a less frequent basis
- * - Analyzed as part of a composite sample only

2325 LESLIE GROVES-RCHLND-LESLIE GROVES-RCHLND, LESLIE GROVES-RCHLND (FILTER1 , PARTICULATE)

OFF DATE	COM	BE-7 PCI/M3	CO-60 PCI/M3	CS-134 PCI/M3	CS-137 PCI/M3	K-40 PCI/M3	PU-238 PCI/M3	PU39-40 PCI/M3	RU-106 PCI/M3
03/29/1994		1.200E-01	1.570E-04	< -6.080E-05	< -4.730E-05	9.830E-03	nra	nra	2.810E-03
		{ 1.810E-02 }	{ 3.080E-04 }	{ 2.490E-04 }	{ 2.380E-04 }	{ 4.650E-03 }			{ 2.300E-03 }
07/05/1994		1.820E-01	5.880E-05	4.690E-05	3.390E-04	1.710E-02	nra	nra	2.390E-03
		{ 2.540E-02 }	{ 2.290E-04 }	{ 2.780E-04 }	{ 2.640E-04 }	{ 5.440E-03 }			{ 2.920E-03 }
09/27/1994		1.650E-01	3.850E-04	< -5.120E-05	2.470E-04	1.350E-02	nra	nra	< -1.200E-03
		{ 2.320E-02 }	{ 2.940E-04 }	{ 2.880E-04 }	{ 2.530E-04 }	{ 6.030E-03 }			{ 2.790E-03 }
01/03/1995	1	1.030E-01	< -2.150E-04	< -1.600E-04	< -4.550E-05	5.300E-03	< -3.890E-07	< -7.770E-07	< -1.250E-03
		{ 1.620E-02 }	{ 2.850E-04 }	{ 3.110E-04 }	{ 2.710E-04 }	{ 6.190E-03 }	{ 2.610E-06 }	{ 7.980E-07 }	{ 2.900E-03 }
MEAN		1.425E-01	9.645E-05	-5.628E-05	1.233E-04	1.143E-02	-3.890E-07	-7.770E-07	6.875E-04
MINIMUM		1.030E-01	< -2.150E-04	< -1.600E-04	< -4.730E-05	5.300E-03	< -3.890E-07	< -7.770E-07	< -1.250E-03
MAXIMUM		1.820E-01	3.850E-04	4.690E-05	3.390E-04	1.710E-02	< -3.890E-07	< -7.770E-07	2.810E-03
2STD. ERR		3.712E-02	2.486E-04	8.456E-05	1.995E-04	5.052E-03	.000E+00	.000E+00	2.215E-03

2325 LESLIE GROVES-RCHLND-LESLIE GROVES-RCHLND, LESLIE GROVES-RCHLND (FILTER1 , PARTICULATE)

OFF DATE	COM	SR-90 PCI/M3	U-234 PCI/M3	U-235 PCI/M3	U-238 PCI/M3	UIISO TOTAL PCI/M3
03/29/1994		nra	nra	nra	nra	nra
07/05/1994		nra	nra	nra	nra	nra
09/27/1994		nra	nra	nra	nra	nra
01/03/1995		< -3.950E-06 { 5.320E-05}	2.530E-05 { 8.390E-06}	9.570E-07 { 1.730E-06}	1.870E-05 { 7.260E-06}	4.496E-05 { 1.100E-05}
MEAN		-3.950E-06	2.530E-05	9.570E-07	1.870E-05	4.496E-05
MINIMUM		< -3.950E-06	2.530E-05	9.570E-07	1.870E-05	4.496E-05
MAXIMUM		< -3.950E-06	2.530E-05	9.570E-07	1.870E-05	4.496E-05
2STD. ERR		.000E+00	.000E+00	.000E+00	.000E+00	.000E+00

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis
 * - Analyzed as part of a composite sample only
 1 TOTAL SAMPLE SIZE WAS REREPORTED BY LAB ON 7/13/95.

SURFACE ENVIRONMENTAL SURVEILLANCE DATA REPORT 01/01/1994 TO 01/05/1995
 AIR - PARTICULATE FILTER

2307 PASCO

2308 KENNEWICK-ELY STREET

OFF DATE	COM	BETA PCI/M3
01/05/1994		4.260E-02
		{ 4.520E-03}
01/19/1994		9.920E-03
		{ 1.630E-03}
02/02/1994		4.990E-02
		{ 5.170E-03}
02/16/1994		2.810E-02
		{ 3.410E-03}
03/02/1994		1.360E-02
		{ 1.980E-03}
03/16/1994		4.040E-02
		{ 5.510E-03}
03/30/1994		8.570E-03
		{ 1.520E-03}
04/13/1994		1.010E-02
		{ 1.640E-03}
04/27/1994		1.470E-02
		{ 2.080E-03}
05/11/1994		1.530E-02
		{ 2.180E-03}
05/25/1994		1.080E-02
		{ 1.720E-03}
06/08/1994		8.630E-03
		{ 1.500E-03}
06/22/1994		1.190E-02
		{ 1.820E-03}
07/07/1994		1.070E-02
		{ 1.650E-03}
07/20/1994		1.670E-02
		{ 2.290E-03}
08/03/1994		1.960E-02
		{ 2.490E-03}
08/17/1994		1.320E-02
		{ 1.950E-03}
08/31/1994		1.490E-02
		{ 2.080E-03}
09/14/1994		1.010E-02
		{ 1.450E-03}
09/28/1994		2.930E-02
		{ 3.340E-03}
10/12/1994		2.400E-02
		{ 2.930E-03}

OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3
01/05/1994		8.380E-04	4.240E-02
		{ 3.630E-04}	{ 4.770E-03}
01/19/1994		6.510E-04	1.030E-02
		{ 3.230E-04}	{ 1.730E-03}
02/02/1994		7.830E-04	3.110E-02
		{ 3.530E-04}	{ 3.580E-03}
02/16/1994		5.300E-04	2.490E-02
		{ 3.070E-04}	{ 3.150E-03}
03/02/1994		3.510E-04	1.560E-02
		{ 2.880E-04}	{ 2.250E-03}
03/16/1994		6.160E-04	3.970E-02
		{ 3.200E-04}	{ 5.520E-03}
03/30/1994		4.810E-04	1.010E-02
		{ 2.700E-04}	{ 1.640E-03}
04/13/1994		4.160E-04	8.610E-03
		{ 2.820E-04}	{ 1.520E-03}
04/27/1994		3.190E-04	1.330E-02
		{ 2.550E-04}	{ 1.990E-03}
05/11/1994		3.530E-04	1.510E-02
		{ 2.660E-04}	{ 2.080E-03}
05/25/1994		3.230E-04	1.140E-02
		{ 2.590E-04}	{ 1.810E-03}
06/08/1994		3.030E-04	9.270E-03
		{ 2.340E-04}	{ 1.610E-03}
06/22/1994		7.410E-04	9.280E-03
		{ 3.600E-04}	{ 1.600E-03}
07/07/1994		8.910E-04	1.060E-02
		{ 3.520E-04}	{ 1.690E-03}
07/20/1994		3.270E-04	1.330E-02
		{ 2.790E-04}	{ 2.020E-03}
08/03/1994		3.850E-04	1.840E-02
		{ 2.530E-04}	{ 2.470E-03}
08/17/1994		9.470E-04	1.590E-02
		{ 3.870E-04}	{ 2.240E-03}
08/31/1994		6.930E-04	1.460E-02
		{ 3.350E-04}	{ 2.140E-03}
09/14/1994		6.530E-04	1.620E-02
		{ 3.510E-04}	{ 2.180E-03}
09/28/1994		6.330E-04	2.950E-02
		{ 3.130E-04}	{ 3.490E-03}
10/12/1994		5.450E-04	2.130E-02
		{ 3.040E-04}	{ 2.740E-03}

2307 PASCO

2308 KENNEWICK-ELY STREET

OFF DATE	COM	BETA PCI/M3
10/26/1994		1.800E-02
		{ 2.430E-03 }
11/09/1994		1.030E-02
		{ 1.630E-03 }
11/23/1994		1.340E-02
		{ 1.930E-03 }
12/07/1994	1	1.770E-02
		{ 2.340E-03 }
12/21/1994		3.140E-02
		{ 3.610E-03 }
01/04/1995		3.340E-02
		{ 3.710E-03 }

MEAN		1.953E-02
MINIMUM		8.570E-03
MAXIMUM		4.990E-02
2STD. ERR		3.737E-03

OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3
10/26/1994		1.120E-03	1.880E-02
		{ 4.160E-04 }	{ 2.420E-03 }
11/09/1994		4.200E-04	8.970E-03
		{ 2.850E-04 }	{ 1.530E-03 }
11/23/1994		9.900E-05	1.310E-02
		{ 1.890E-04 }	{ 1.900E-03 }
12/07/1994		7.570E-04	1.650E-02
		{ 3.490E-04 }	{ 2.300E-03 }
12/21/1994		9.860E-04	2.500E-02
		{ 4.140E-04 }	{ 3.100E-03 }
01/04/1995		1.050E-03	3.020E-02
		{ 4.010E-04 }	{ 3.490E-03 }

MEAN		6.004E-04	1.828E-02
MINIMUM		9.900E-05	8.610E-03
MAXIMUM		1.120E-03	4.240E-02
2STD. ERR		4.388E-03	3.597E-03

- < - Result less than the 2 sigma Total Propagated Analytical Uncertainty which includes the 2 sigma counting error and analytical error
- { } - Total Propagated Analytical Uncertainty.
- NR - No result reported.
- nra - Not routinely analyzed or analyzed on a less frequent basis
- * - Analyzed as part of a composite sample only
- 1 On 12/7/94 sampler moved to Columbia Basin College Campus.

2305 TRI CITIES-PASCO, KENNEWICK-ELY STREET (FILTER1 , PARTICULATE)

OFF DATE	COM	BE-7 PCI/M3	CO-60 PCI/M3	CS-134 PCI/M3	CS-137 PCI/M3	K-40 PCI/M3	PU-238 PCI/M3	PU39-40 PCI/M3	RU-106 PCI/M3
03/30/1994		1.320E-01 { 1.880E-02 }	< -1.390E-04 { 3.550E-04 }	< -1.330E-04 { 2.300E-04 }	7.430E-05 { 2.570E-04 }	1.100E-02 { 4.050E-03 }	nra	nra	< -1.150E-03 { 2.810E-03 }
07/07/1994		1.970E-01 { 2.580E-02 }	1.170E-04 { 2.820E-04 }	< -1.940E-05 { 3.410E-04 }	1.480E-04 { 3.070E-04 }	6.190E-03 { 5.220E-03 }	nra	nra	9.800E-04 { 2.630E-03 }
09/28/1994		1.930E-01 { 2.790E-02 }	5.560E-05 { 3.810E-04 }	2.320E-04 { 4.020E-04 }	< -1.460E-04 { 4.250E-04 }	9.820E-02 { 1.730E-02 }	nra	nra	< -3.720E-03 { 4.860E-03 }
01/04/1995	1	1.290E-01 { 1.820E-02 }	< -1.200E-04 { 3.780E-04 }	1.770E-04 { 2.090E-04 }	3.410E-04 { 2.060E-04 }	1.580E-02 { 5.400E-03 }	< -7.580E-09 { 8.950E-07 }	2.390E-07 { 1.700E-06 }	< .000E+00 { 2.330E-03 }
MEAN		1.628E-01	-2.160E-05	6.415E-05	1.043E-04	3.280E-02	-7.600E-09	2.390E-07	-9.725E-04
MINIMUM		1.290E-01	< -1.390E-04	< -1.330E-04	< -1.460E-04	6.190E-03	< -7.600E-09	2.390E-07	< -3.720E-03
MAXIMUM		1.970E-01	1.170E-04	2.320E-04	3.410E-04	9.820E-02	< -7.600E-09	2.390E-07	9.800E-04
2STD. ERR		3.729E-02	1.273E-04	1.701E-04	2.012E-04	4.378E-02	.000E+00	.000E+00	2.028E-03

2305 TRI CITIES-PASCO,KENNEWICK-ELY STREET (FILTER1 , PARTICULATE)

OFF DATE	COM	SR-90 PCI/M3
03/30/1994		nra
07/07/1994		nra
09/28/1994		nra
01/04/1995		< -3.220E-05 { 5.010E-05}
-----		-----
MEAN		-3.220E-05
MINIMUM		< -3.220E-05
MAXIMUM		< -3.220E-05
2STD. ERR		.000E+00

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
which includes the 2 sigma counting error and analytical error
{ } - Total Propagated Analytical Uncertainty.
NR - No result reported.
nra - Not routinely analyzed or analyzed on a less frequent basis
* - Analyzed as part of a composite sample only
1 Comment for sample 2307 on 12/07/1994
ALPHA On 12/7/94 sampler moved to Columbia Basin College Campus.
TOTAL SAMPLE SIZE WAS REREPORTED BY LAB ON 7/13/95.

2331 EDWIN MARKHAM SCHOOL

OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3
01/04/1994		1.480E-03	4.800E-02
		{ 4.620E-04}	{ 4.980E-03}
01/18/1994	1	5.090E-04	8.080E-03
		{ 2.870E-04}	{ 1.480E-03}
02/01/1994		6.610E-04	3.740E-02
		{ 3.270E-04}	{ 4.060E-03}
02/15/1994	2	7.160E-04	2.810E-02
		{ 3.460E-04}	{ 3.450E-03}
03/01/1994		1.300E-04	1.170E-02
		{ 2.250E-04}	{ 1.780E-03}
03/15/1994	3	6.150E-04	1.430E-02
		{ 3.130E-04}	{ 2.100E-03}
03/29/1994		4.160E-04	7.610E-03
		{ 2.610E-04}	{ 1.440E-03}
04/12/1994		4.640E-04	9.990E-03
		{ 2.900E-04}	{ 1.630E-03}
04/26/1994		4.760E-04	9.590E-03
		{ 2.860E-04}	{ 1.650E-03}
05/10/1994		3.380E-04	1.060E-02
		{ 2.610E-04}	{ 1.800E-03}
05/24/1994		7.040E-04	2.560E-03
		{ 3.490E-04}	{ 1.000E-03}
06/07/1994	4	4.230E-05	1.110E-02
		{ 1.730E-04}	{ 1.750E-03}
06/21/1994		6.840E-04	9.060E-03
		{ 3.450E-04}	{ 1.590E-03}
07/07/1994		4.100E-04	9.860E-03
		{ 2.470E-04}	{ 1.590E-03}
07/19/1994	5	4.690E-04	1.230E-02
		{ 2.960E-04}	{ 2.000E-03}
08/02/1994	6	1.230E-03	1.820E-02
		{ 4.640E-04}	{ 2.430E-03}
08/16/1994	7	6.920E-04	8.980E-03
		{ 3.430E-04}	{ 1.560E-03}
08/30/1994		3.300E-04	1.250E-02
		{ 2.620E-04}	{ 1.850E-03}
09/13/1994	8	4.500E-04	1.000E-02
		{ 3.160E-04}	{ 1.690E-03}
09/27/1994		7.670E-04	2.710E-02
		{ 3.530E-04}	{ 3.170E-03}
10/11/1994		3.460E-04	2.110E-02
		{ 2.610E-04}	{ 2.730E-03}

2331 EDWIN MARKHAM SCHOOL

OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3
10/25/1994	9	5.230E-04	1.800E-02
		{ 2.920E-04 }	{ 2.330E-03 }
11/08/1994	10	3.800E-04	1.020E-02
		{ 2.730E-04 }	{ 1.720E-03 }
11/22/1994		1.990E-04	1.080E-02
		{ 2.370E-04 }	{ 1.750E-03 }
12/06/1994		5.960E-04	1.720E-02
		{ 3.250E-04 }	{ 2.290E-03 }
12/20/1994		9.370E-04	2.770E-02
		{ 3.900E-04 }	{ 3.390E-03 }
01/03/1995		4.890E-04	2.610E-02
		{ 3.030E-04 }	{ 3.200E-03 }
MEAN		5.575E-04	1.623E-02
MINIMUM		4.230E-05	2.560E-03
MAXIMUM		1.480E-03	4.800E-02
2STD. ERR		4.470E-03	3.958E-03

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 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis
 * - Analyzed as part of a composite sample only
 1 FILTER APPEARS WET AND DARK COLOR.
 2 FILTER APPEARS WET.
 3 DIRTY FILTER.
 4 DIRTY FILTER HEAD.
 5 HEAD VERY DIRTY
 6 FILTER HEAD VERY DUSTY.

7 DIRTY FILTER HEAD.
 8 DIRTY HEAD.
 9 FILTER REMOVED FROM FILTER HEAD AND SUBMITTED TO LAB.
 10 FILTER WET AND DIRTY.

2329 EDWIN MARKHAM SCHOOL-EDWIN MARKHAM SCHOOL (FILTER1 , PARTICULATE)

OFF DATE	COM	AM-241 PCI/M3	BE-7 PCI/M3	CO-60 PCI/M3	CS-134 PCI/M3	CS-137 PCI/M3	K-40 PCI/M3	PU-238 PCI/M3	PU39-40 PCI/M3
03/29/1994	1	nra	1.130E-01 { 2.140E-02 }	< .000E+00 { 6.050E-04 }	< -5.120E-04 { 5.210E-04 }	8.350E-05 { 4.070E-04 }	2.210E-02 { 8.000E-03 }	nra	nra
07/07/1994	2	nra	1.820E-01 { 2.840E-02 }	< -1.690E-04 { 6.410E-04 }	2.640E-04 { 5.120E-04 }	1.220E-04 { 5.490E-04 }	6.010E-03 { 8.780E-03 }	nra	nra
09/27/1994	3	nra	1.830E-01 { 3.350E-02 }	3.960E-04 { 3.560E-04 }	< -1.430E-04 { 5.040E-04 }	< -5.220E-04 { 5.720E-04 }	1.000E-02 { 1.350E-02 }	nra	nra
01/03/1995	4	< -6.380E-07 { 3.400E-06 }	7.910E-02 { 2.140E-02 }	< -5.710E-04 { 5.150E-04 }	4.800E-04 { 3.430E-04 }	< -3.310E-04 { 5.080E-04 }	1.160E-02 { 1.060E-02 }	7.620E-07 { 3.250E-06 }	1.260E-06 { 3.140E-06 }
MEAN		-6.380E-07	1.393E-01	-8.600E-05	2.225E-05	-1.619E-04	1.243E-02	7.620E-07	1.260E-06
MINIMUM		< -6.380E-07	7.910E-02	< -5.710E-04	< -5.120E-04	< -5.220E-04	6.010E-03	7.620E-07	1.260E-06
MAXIMUM		< -6.380E-07	1.830E-01	3.960E-04	4.800E-04	1.220E-04	2.210E-02	7.620E-07	1.260E-06
2STD. ERR		.000E+00	5.180E-02	4.008E-04	4.400E-04	3.157E-04	6.863E-03	.000E+00	.000E+00

2329 EDWIN MARKHAM SCHOOL-EDWIN MARKHAM SCHOOL (FILTER1 , PARTICULATE)

OFF DATE	COM	RU-106 PCI/M3	SR-90 PCI/M3	U-234 PCI/M3	U-235 PCI/M3	U-238 PCI/M3	UIISO TOTAL PCI/M3
03/29/1994	<	-4.160E-04 { 4.460E-03}	nra	nra	nra	nra	nra
07/07/1994		1.780E-04 { 4.480E-03}	nra	nra	nra	nra	nra
09/27/1994	<	-1.630E-03 { 5.080E-03}	nra	nra	nra	nra	nra
01/03/1995		5.290E-03 { 4.130E-03}	< -2.440E-05 { 1.320E-04}	3.390E-05 { 1.460E-05}	4.270E-06 { 4.750E-06}	3.500E-05 { 1.430E-05}	7.317E-05 { 2.100E-05}
MEAN		8.555E-04	-2.440E-05	3.390E-05	4.270E-06	3.500E-05	7.317E-05
MINIMUM	<	-1.630E-03	< -2.440E-05	3.390E-05	4.270E-06	3.500E-05	7.317E-05
MAXIMUM		5.290E-03	< -2.440E-05	3.390E-05	4.270E-06	3.500E-05	7.317E-05
2STD. ERR		3.051E-03	.000E+00	.000E+00	.000E+00	.000E+00	.000E+00

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis
 * - Analyzed as part of a composite sample only

- 1 Comment for sample 2331 on 01/18/1994
 ALPHA FILTER APPEARS WET AND DARK COLOR.
 Comment for sample 2331 on 02/15/1994
 BETA FILTER APPEARS WET.
 Comment for sample 2331 on 03/15/1994
 BETA DIRTY FILTER.
- 2 Comment for sample 2331 on 06/07/1994
 BETA DIRTY FILTER HEAD.
- 3 Comment for sample 2331 on 07/19/1994
 HEAD VERY DIRTY
 Comment for sample 2331 on 08/02/1994
 FILTER HEAD VERY DUSTY.
 Comment for sample 2331 on 08/16/1994
 DIRTY FILTER HEAD.
 Comment for sample 2331 on 09/13/1994
 DIRTY HEAD.
- 4 Comment for sample 2331 on 10/25/1994
 FILTER REMOVED FROM FILTER HEAD AND SUBMITTED TO LAB.
 Comment for sample 2331 on 11/08/1994
 FILTER WET AND DIRTY.
 TOTAL SAMPLE SIZE WAS REREPORTED BY LAB ON 7/13/95.

2315 SUNNYSIDE

2316 SUNNYSIDE *

OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3
01/04/1994		7.190E-04	4.180E-02
		{ 3.370E-04 }	{ 4.610E-03 }
01/18/1994		7.080E-04	1.050E-02
		{ 3.340E-04 }	{ 1.740E-03 }
02/01/1994		6.000E-04	3.600E-02
		{ 3.140E-04 }	{ 4.170E-03 }
02/15/1994		5.020E-04	2.320E-02
		{ 2.910E-04 }	{ 2.810E-03 }
03/01/1994		4.620E-04	1.520E-02
		{ 3.240E-04 }	{ 2.280E-03 }
03/15/1994		2.610E-02	9.540E-02
		{ 3.350E-03 }	{ 9.860E-03 }
03/29/1994		5.830E-04	8.650E-03
		{ 3.060E-04 }	{ 1.560E-03 }
04/12/1994		1.120E-04	9.770E-03
		{ 1.990E-04 }	{ 1.670E-03 }
04/26/1994		4.560E-04	9.420E-03
		{ 2.760E-04 }	{ 1.570E-03 }
05/10/1994		8.690E-04	1.500E-02
		{ 3.690E-04 }	{ 2.150E-03 }
05/24/1994		6.200E-04	1.300E-02
		{ 3.160E-04 }	{ 1.920E-03 }
06/07/1994		2.760E-04	9.660E-03
		{ 2.280E-04 }	{ 1.660E-03 }
06/21/1994		2.120E-04	8.060E-03
		{ 2.340E-04 }	{ 1.460E-03 }
07/06/1994		2.570E-04	1.130E-02
		{ 2.340E-04 }	{ 1.750E-03 }
07/19/1994		2.900E-04	1.100E-02
		{ 2.570E-04 }	{ 1.830E-03 }
08/01/1994		3.540E-04	1.540E-02
		{ 2.850E-04 }	{ 2.180E-03 }
08/16/1994		4.330E-04	1.210E-02
		{ 2.620E-04 }	{ 1.780E-03 }
08/30/1994		4.140E-04	1.320E-02
		{ 2.910E-04 }	{ 1.920E-03 }
09/13/1994		2.430E-04	1.190E-02
		{ 2.300E-04 }	{ 1.820E-03 }
09/27/1994		4.620E-04	2.220E-02
		{ 2.880E-04 }	{ 2.860E-03 }
10/11/1994		5.840E-04	1.990E-02
		{ 3.060E-04 }	{ 2.510E-03 }

2315 SUNNYSIDE

2316 SUNNYSIDE *

OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3
10/25/1994		1.840E-04	1.300E-02
		{ 2.000E-04 }	{ 1.970E-03 }
11/08/1994		1.870E-04	9.380E-03
		{ 2.250E-04 }	{ 1.700E-03 }
11/22/1994		6.610E-04	1.490E-02
		{ 3.420E-04 }	{ 2.150E-03 }
12/06/1994		6.750E-04	1.620E-02
		{ 3.490E-04 }	{ 2.270E-03 }
12/20/1994		1.120E-03	2.590E-02
		{ 4.100E-04 }	{ 3.040E-03 }
01/03/1995		7.850E-04	2.250E-02
		{ 3.620E-04 }	{ 2.730E-03 }
-----		-----	-----
MEAN		1.440E-03	1.906E-02
MINIMUM		1.120E-04	8.060E-03
MAXIMUM		2.610E-02	9.540E-02
2STD. ERR		7.263E-03	6.660E-03

- < - Result less than the 2 sigma Total Propagated Analytical Uncertainty which includes the 2 sigma counting error and analytical error
- { } - Total Propagated Analytical Uncertainty.
- NR - No result reported.
- nra - Not routinely analyzed or analyzed on a less frequent basis
- * - Analyzed as part of a composite sample only

2313 SUNNYSIDE-SUNNYSIDE, SUNNYSIDE (FILTER1 , PARTICULATE)

OFF DATE	COM	BE-7 PCI/M3	CO-60 PCI/M3	CS-134 PCI/M3	CS-137 PCI/M3	K-40 PCI/M3	PU-238 PCI/M3	PU39-40 PCI/M3	RU-106 PCI/M3
03/29/1994		1.050E-01 { 1.600E-02}	1.280E-05 { 3.050E-04}	< -1.280E-04 { 2.900E-04}	4.110E-05 { 3.050E-04}	1.310E-02 { 5.510E-03}	nra	nra	< -2.250E-03 { 3.190E-03}
07/06/1994		1.880E-01 { 2.460E-02}	2.640E-04 { 2.850E-04}	< -1.760E-04 { 2.400E-04}	< -6.470E-05 { 2.400E-04}	1.850E-02 { 6.830E-03}	nra	nra	< -8.030E-04 { 2.200E-03}
09/27/1994		2.380E-01 { 3.270E-02}	4.680E-04 { 2.740E-04}	< -8.580E-05 { 2.700E-04}	1.340E-04 { 3.260E-04}	1.190E-02 { 7.400E-03}	nra	nra	1.000E-03 { 3.210E-03}
01/03/1995	1	1.060E-01 { 1.680E-02}	3.550E-05 { 3.250E-04}	9.490E-05 { 2.680E-04}	< -3.430E-05 { 2.900E-04}	7.350E-03 { 3.970E-03}	8.190E-07 { 4.230E-06}	< -1.400E-07 { 3.630E-06}	< -8.710E-04 { 2.750E-03}
MEAN		1.593E-01	1.951E-04	-7.373E-05	1.903E-05	1.271E-02	8.190E-07	-1.400E-07	-7.310E-04
MINIMUM		1.050E-01	1.280E-05	< -1.760E-04	< -6.470E-05	7.350E-03	8.190E-07	< -1.400E-07	< -2.250E-03
MAXIMUM		2.380E-01	4.680E-04	9.490E-05	1.340E-04	1.850E-02	8.190E-07	< -1.400E-07	1.000E-03
2STD. ERR		6.534E-02	2.144E-04	1.183E-04	8.862E-05	4.585E-03	.000E+00	.000E+00	1.333E-03

2313 SUNNYSIDE-SUNNYSIDE, SUNNYSIDE (FILTER1 , PARTICULATE)

OFF DATE	COM	SR-90 PCI/M3	U-234 PCI/M3	U-235 PCI/M3	U-238 PCI/M3	UIISO TOTAL PCI/M3
03/29/1994		nra	nra	nra	nra	nra
07/06/1994		nra	nra	nra	nra	nra
09/27/1994		nra	nra	nra	nra	nra
01/03/1995		2.420E-05 { 5.970E-05}	2.680E-05 { 8.900E-06}	2.440E-06 { 2.810E-06}	2.270E-05 { 8.060E-06}	5.194E-05 { 1.200E-05}
MEAN		2.420E-05	2.680E-05	2.440E-06	2.270E-05	5.194E-05
MINIMUM		2.420E-05	2.680E-05	2.440E-06	2.270E-05	5.194E-05
MAXIMUM		2.420E-05	2.680E-05	2.440E-06	2.270E-05	5.194E-05
2STD. ERR		.000E+00	.000E+00	.000E+00	.000E+00	.000E+00

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis
 * - Analyzed as part of a composite sample only
 1 TOTAL SAMPLE SIZE WAS REREPORTED BY LAB ON 7/13/95.

2319 YAKIMA

OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3
01/04/1994		5.420E-04	3.130E-02
		{ 2.920E-04 }	{ 3.420E-03 }
01/18/1994		2.640E-04	8.300E-03
		{ 3.390E-04 }	{ 2.100E-03 }
02/01/1994		4.720E-04	2.330E-02
		{ 2.740E-04 }	{ 2.810E-03 }
02/15/1994		4.400E-04	2.380E-02
		{ 2.770E-04 }	{ 2.860E-03 }
03/01/1994		3.220E-04	1.210E-02
		{ 2.800E-04 }	{ 1.950E-03 }
03/15/1994		8.000E-03	3.820E-02
		{ 1.300E-03 }	{ 4.180E-03 }
03/29/1994		2.190E-04	6.870E-03
		{ 2.130E-04 }	{ 1.340E-03 }
04/12/1994		1.380E-04	8.130E-03
		{ 2.070E-04 }	{ 1.460E-03 }
04/26/1994		3.680E-04	9.920E-03
		{ 2.500E-04 }	{ 1.620E-03 }
05/10/1994		3.600E-04	1.350E-02
		{ 2.600E-04 }	{ 1.950E-03 }
05/24/1994		3.790E-04	1.250E-02
		{ 2.620E-04 }	{ 1.910E-03 }
06/07/1994		3.380E-04	9.160E-03
		{ 2.570E-04 }	{ 1.550E-03 }
06/21/1994		5.760E-05	7.520E-03
		{ 1.860E-04 }	{ 1.450E-03 }
07/06/1994		2.320E-04	1.020E-02
		{ 2.070E-04 }	{ 1.660E-03 }
07/19/1994		2.470E-04	1.010E-02
		{ 2.390E-04 }	{ 1.700E-03 }
08/01/1994	1	NR	NR
08/16/1994		4.000E-04	1.110E-02
		{ 2.730E-04 }	{ 1.800E-03 }
08/30/1994		2.480E-04	1.290E-02
		{ 2.330E-04 }	{ 1.970E-03 }
09/13/1994		3.520E-04	1.030E-02
		{ 2.760E-04 }	{ 1.700E-03 }
09/27/1994		6.510E-04	2.000E-02
		{ 3.230E-04 }	{ 2.520E-03 }
10/11/1994		4.850E-04	1.940E-02
		{ 2.910E-04 }	{ 2.580E-03 }

2319 YAKIMA

OFF DATE	COM	ALPHA PCI/M3	BETA PCI/M3
10/25/1994		2.200E-04	1.340E-02
		{ 2.260E-04 }	{ 1.930E-03 }
11/08/1994		3.090E-04	8.240E-03
		{ 2.500E-04 }	{ 1.460E-03 }
11/22/1994		1.980E-04	9.290E-03
		{ 2.040E-04 }	{ 1.490E-03 }
12/06/1994		4.910E-04	8.830E-03
		{ 2.860E-04 }	{ 1.510E-03 }
12/20/1994		5.460E-04	2.140E-02
		{ 3.050E-04 }	{ 2.690E-03 }
01/03/1995		2.190E-04	1.080E-02
		{ 2.140E-04 }	{ 1.700E-03 }
-----		-----	-----
MEAN		6.345E-04	1.425E-02
MINIMUM		5.760E-05	6.870E-03
MAXIMUM		8.000E-03	3.820E-02
2STD. ERR		3.809E-03	3.076E-03

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 () - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis
 * - Analyzed as part of a composite sample only
 1 NO SAMPLE. POWER OUTAGE. SAVE FOR COMPOSITE.

2317 YAKIMA-YAKIMA (FILTER1 , PARTICULATE)

OFF DATE	COM	AM-241 PCI/M3	BE-7 PCI/M3	CO-60 PCI/M3	CS-134 PCI/M3	CS-137 PCI/M3	K-40 PCI/M3	PU-238 PCI/M3	PU39-40 PCI/M3
03/29/1994		nra	1.200E-01	2.230E-05	2.150E-04	< -2.270E-04	1.230E-02	nra	nra
			{ 2.340E-02 }	{ 5.290E-04 }	{ 3.500E-04 }	{ 4.280E-04 }	{ 8.650E-03 }		
07/06/1994		nra	1.670E-01	< -3.010E-04	1.150E-04	3.560E-04	1.290E-02	nra	nra
			{ 2.640E-02 }	{ 6.070E-04 }	{ 5.010E-04 }	{ 3.950E-04 }	{ 8.100E-03 }		
09/27/1994	1	nra	1.870E-01	< -1.490E-04	< -1.400E-04	2.050E-04	4.410E-03	nra	nra
			{ 3.490E-02 }	{ 6.630E-04 }	{ 6.800E-04 }	{ 6.330E-04 }	{ 1.600E-02 }		
01/03/1995	2	< -1.080E-06	6.680E-02	1.500E-04	1.370E-04	2.330E-04	2.370E-02	8.580E-07	< -2.910E-07
		{ 3.370E-06 }	{ 1.780E-02 }	{ 5.410E-04 }	{ 4.480E-04 }	{ 3.110E-04 }	{ 9.510E-03 }	{ 3.510E-06 }	{ 5.050E-06 }
MEAN		-1.080E-06	1.352E-01	-6.943E-05	8.175E-05	1.418E-04	1.333E-02	8.580E-07	-2.910E-07
MINIMUM		< -1.080E-06	6.680E-02	< -3.010E-04	< -1.400E-04	< -2.270E-04	4.410E-03	8.580E-07	< -2.910E-07
MAXIMUM		< -1.080E-06	1.870E-01	1.500E-04	2.150E-04	3.560E-04	2.370E-02	8.580E-07	< -2.910E-07
2STD. ERR		.000E+00	5.355E-02	1.971E-04	1.539E-04	2.544E-04	7.924E-03	.000E+00	.000E+00

2317 YAKIMA-YARIMA (FILTER1 , PARTICULATE)

OFF DATE	COM	RU-106 PCI/M3	SR-90 PCI/M3	U-234 PCI/M3	U-235 PCI/M3	U-238 PCI/M3	UIISO TOTAL PCI/M3
03/29/1994		1.680E-03 { 4.010E-03}	nra	nra	nra	nra	nra
07/06/1994	<	-4.250E-03 { 4.500E-03}	nra	nra	nra	nra	nra
09/27/1994		2.800E-03 { 5.630E-03}	nra	nra	nra	nra	nra
01/03/1995		4.950E-03 { 3.540E-03}	6.770E-05 { 1.220E-04}	1.310E-05 { 1.080E-05}	3.300E-06 { 3.990E-06}	4.990E-06 { 8.510E-06}	2.139E-05 { 1.400E-05}
MEAN		1.295E-03	6.770E-05	1.310E-05	3.300E-06	4.990E-06	2.139E-05
MINIMUM	<	-4.250E-03	6.770E-05	1.310E-05	3.300E-06	4.990E-06	2.139E-05
MAXIMUM		4.950E-03	6.770E-05	1.310E-05	3.300E-06	4.990E-06	2.139E-05
2STD. ERR		3.938E-03	.000E+00	.000E+00	.000E+00	.000E+00	.000E+00

- < - Result less than the 2 sigma Total Propagated Analytical Uncertainty which includes the 2 sigma counting error and analytical error
- { } - Total Propagated Analytical Uncertainty.
- NR - No result reported.
- nra - Not routinely analyzed or analyzed on a less frequent basis
- * - Analyzed as part of a composite sample only
- 1 Comment for sample 2319 on 08/01/1994
ALPHA NO SAMPLE. POWER OUTAGE. SAVE FOR COMPOSITE.
- 2 TOTAL SAMPLE SIZE WAS REREPORTED BY LAB ON 7/13/95.

2157 RINGOLD MET TOWER (HALOGEN , CHARCOAL_CARTRIDGE)

OFF DATE	COM	I-131 PCI/M3
01/12/1994		8.430E-04 { 3.690E-03}
01/26/1994	<	.000E+00 { 4.520E-03}
02/09/1994	<	-3.180E-03 { 3.710E-03}
02/23/1994	<	-6.290E-04 { 2.820E-03}
03/09/1994		2.360E-03 { 3.660E-03}
03/23/1994		2.950E-03 { 3.510E-03}
04/06/1994		2.550E-03 { 3.290E-03}
04/20/1994	1	NR
05/04/1994		1.570E-03 { 3.470E-03}
05/18/1994	<	-7.060E-04 { 4.700E-03}
06/01/1994	<	-5.140E-04 { 4.240E-03}
06/15/1994	<	-2.890E-04 { 4.050E-03}
06/29/1994	<	-5.370E-04 { 4.980E-03}
07/13/1994	<	.000E+00 { 4.140E-03}
07/27/1994	<	-2.250E-03 { 4.640E-03}
08/10/1994	<	-3.740E-04 { 4.100E-03}
08/24/1994	<	-2.940E-03 { 4.510E-03}
09/07/1994		6.550E-04 { 4.310E-03}
09/21/1994		3.160E-03 { 4.160E-03}
10/05/1994		1.330E-03 { 3.940E-03}
10/19/1994		7.170E-04 { 3.480E-03}

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty which includes the 2 sigma counting error and analytical error

{ } - Total Propagated Analytical Uncertainty.

NR - No result reported.

nra - Not routinely analyzed or analyzed on a less frequent basis

* - Analyzed as part of a composite sample only

1 NO SAMPLE. NO CHARCOAL CARTRIDGE IN HOLDER.

2157 RINGOLD MET TOWER (HALOGEN , CHARCOAL_CARTRIDGE)

OFF DATE	COM	I-131 PCI/M3
11/02/1994		< -1.550E-03 { 3.970E-03}
11/16/1994		5.700E-03 { 4.070E-03}
11/30/1994		2.380E-03 { 4.060E-03}
12/14/1994		1.710E-03 { 3.400E-03}
12/28/1994		< .000E+00 { 4.040E-03}

MEAN		5.182E-04
MINIMUM		< -3.180E-03
MAXIMUM		5.700E-03
2STD. ERR		8.120E-04

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis
 * - Analyzed as part of a composite sample only

2163 BYERS LANDING (HALOGEN , CHARCOAL_CARTRIDGE)

OFF DATE	COM	I-131 PCI/M3
01/12/1994	<	-7.430E-04 { 6.220E-03}
01/26/1994		1.530E-03 { 3.380E-03}
02/09/1994		9.010E-04 { 3.590E-03}
02/23/1994		4.190E-03 { 5.150E-03}
03/09/1994		1.430E-03 { 3.240E-03}
03/23/1994		3.090E-03 { 4.050E-03}
04/06/1994		1.540E-03 { 3.780E-03}
04/20/1994		2.510E-04 { 4.460E-03}
05/04/1994	<	-1.810E-03 { 3.970E-03}
05/18/1994	<	-1.920E-03 { 4.080E-03}
06/01/1994		5.190E-04 { 3.360E-03}
06/15/1994		1.040E-03 { 4.530E-03}
06/29/1994		8.610E-04 { 5.290E-03}
07/13/1994	<	-8.920E-04 { 4.490E-03}
07/27/1994		2.750E-03 { 4.930E-03}
08/10/1994	<	-2.900E-03 { 3.420E-03}
08/24/1994		5.680E-04 { 3.680E-03}
09/07/1994	<	-1.070E-03 { 4.360E-03}
09/21/1994		1.940E-03 { 3.000E-03}
10/05/1994		1.480E-03 { 4.990E-03}
10/19/1994	<	-1.380E-03 { 4.480E-03}

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
which includes the 2 sigma counting error and analytical error

{ } - Total Propagated Analytical Uncertainty.

NR - No result reported.

nra - Not routinely analyzed or analyzed on a less frequent basis

* - Analyzed as part of a composite sample only

2163 BYERS LANDING (HALOGEN , CHARCOAL_CARTRIDGE)

OFF DATE	COM	I-131 PCI/M3
11/02/1994		1.570E-03 { 4.440E-03}
11/16/1994	<	-3.030E-03 { 4.270E-03}
11/30/1994		2.800E-03 { 3.990E-03}
12/14/1994		2.140E-03 { 4.080E-03}
12/28/1994		3.950E-04 { 3.950E-03}
-----		-----
MEAN		5.865E-04
MINIMUM	<	-3.030E-03
MAXIMUM		4.190E-03
2STD. ERR		7.263E-04

- < - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
- { } - Total Propagated Analytical Uncertainty.
- NR - No result reported.
- nra - Not routinely analyzed or analyzed on a less frequent basis
- * - Analyzed as part of a composite sample only

2164 EDWIN MARKHAM SCHOOL (HALOGEN , CHARCOAL_CARTRIDGE)

OFF DATE	COM	I-131 PCI/M3
01/04/1994		4.080E-03 { 3.460E-03}
01/18/1994		< -1.570E-03 { 4.500E-03}
02/01/1994		2.390E-03 { 3.720E-03}
02/15/1994		1.350E-03 { 4.360E-03}
03/01/1994		7.630E-04 { 2.920E-03}
03/15/1994		2.250E-04 { 4.280E-03}
03/29/1994		< -2.210E-04 { 6.530E-03}
04/12/1994		< -1.580E-03 { 4.470E-03}
04/26/1994		1.100E-03 { 4.410E-03}
05/10/1994		< -3.440E-03 { 7.950E-03}
05/24/1994		< -2.790E-03 { 4.930E-03}
06/07/1994		1.010E-03 { 3.720E-03}
06/21/1994		9.060E-04 { 4.280E-03}
07/07/1994		3.450E-04 { 3.460E-03}
07/19/1994		2.120E-03 { 5.200E-03}
08/02/1994		< -1.010E-03 { 5.650E-03}
08/16/1994	1	NR
08/30/1994		1.580E-03 { 3.580E-03}
09/13/1994		8.970E-04 { 4.750E-03}
09/27/1994		5.810E-03 { 4.100E-03}
10/11/1994		1.490E-04 { 4.830E-03}

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis
 * - Analyzed as part of a composite sample only
 1 NO SAMPLE. CHARCOAL NOT LOADED.

2164 EDWIN MARKHAM SCHOOL (HALOGEN , CHARCOAL_CARTRIDGE)

OFF DATE	COM	I-131 PCI/M3
10/25/1994	<	-4.100E-03 { 4.430E-03}
11/08/1994		2.000E-03 { 4.310E-03}
11/22/1994	<	-1.480E-03 { 6.000E-03}
12/06/1994		6.690E-03 { 5.700E-03}
12/20/1994		1.860E-04 { 5.550E-03}
01/03/1995	<	-2.800E-03 { 4.700E-03}
MEAN		4.850E-04
MINIMUM	<	-4.100E-03
MAXIMUM		6.690E-03
2STD. ERR		1.007E-03

- < - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
- { } - Total Propagated Analytical Uncertainty.
- NR - No result reported.
- nra - Not routinely analyzed or analyzed on a less frequent basis
- * - Analyzed as part of a composite sample only

2165 YAKIMA (HALOGEN , CHARCOAL_CARTRIDGE)

OFF DATE	COM	I-131 PCI/M3
01/04/1994		1.540E-03 { 4.180E-03}
01/18/1994	1	3.090E-03 { 6.670E-03}
02/01/1994	2	NR
02/15/1994		1.100E-03 { 4.020E-03}
03/01/1994		< -3.120E-03 { 4.730E-03}
03/15/1994		6.280E-04 { 4.910E-03}
03/29/1994		< -3.740E-04 { 4.100E-03}
04/12/1994		< -1.940E-03 { 4.250E-03}
04/26/1994		3.190E-03 { 2.950E-03}
05/10/1994		< -2.050E-03 { 4.040E-03}
05/24/1994		< -2.720E-04 { 4.580E-03}
06/07/1994		< -7.150E-04 { 4.130E-03}
06/21/1994		< -5.060E-03 { 4.210E-03}
07/06/1994		1.260E-03 { 4.050E-03}
07/19/1994		< -4.130E-03 { 4.700E-03}
08/01/1994	3	NR
08/16/1994		4.530E-03 { 4.500E-03}
08/30/1994		< -3.640E-04 { 3.550E-03}
09/13/1994		< -5.840E-03 { 4.630E-03}
09/27/1994		1.530E-03 { 4.340E-03}
10/11/1994		1.760E-03 { 4.300E-03}

- < - Result less than the 2 sigma Total Propagated Analytical Uncertainty which includes the 2 sigma counting error and analytical error
- { } - Total Propagated Analytical Uncertainty.
- NR - No result reported.
- nra - Not routinely analyzed or analyzed on a less frequent basis
- * - Analyzed as part of a composite sample only
- 1 BAD MCI METER
- 2 NO SAMPLE. NO CHARCOAL FILTER INSTALLED.
- 3 NO SAMPLE. POWER OUTAGE.

2165 YAKIMA (HALOGEN , CHARCOAL_CARTRIDGE)

OFF DATE	COM	I-131 PCI/M3
10/25/1994		4.540E-03 { 3.280E-03}
11/08/1994	<	-1.800E-03 { 3.650E-03}
11/22/1994		1.350E-03 { 4.500E-03}
12/06/1994		3.280E-03 { 6.060E-03}
12/20/1994		2.240E-03 { 3.880E-03}
01/03/1995		1.050E-03 { 4.520E-03}

MEAN		2.169E-04
MINIMUM	<	-5.840E-03
MAXIMUM		4.540E-03
2STD. ERR		1.119E-03

- < - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
- { } - Total Propagated Analytical Uncertainty.
- NR - No result reported.
- nra - Not routinely analyzed or analyzed on a less frequent basis
- * - Analyzed as part of a composite sample only

2200 200 ESE

(HALOGEN , CHARCOAL_CARTRIDGE)

OFF DATE	COM	I-129 PCI/M3
03/09/1994		2.321E-05
		{ 1.578E-06 }
06/29/1994		4.203E-05
		{ 5.380E-06 }
09/21/1994		4.263E-05
		{ 4.263E-06 }
01/10/1995		4.115E-05
		{ 3.292E-06 }

MEAN		3.726E-05
MINIMUM		2.321E-05
MAXIMUM		4.263E-05
2STD. ERR		9.383E-06

- < - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
- { } - Total Propagated Analytical Uncertainty.
- NR - No result reported.
- nra - Not routinely analyzed or analyzed on a less frequent basis
- * - Analyzed as part of a composite sample only

2202 RINGOLD MET TOWER (HALOGEN , CHARCOAL_CARTRIDGE)

OFF DATE	COM	I-129 PCI/M3
03/23/1994		8.790E-07 { 8.614E-08}
07/13/1994		7.440E-07 { 7.886E-08}
10/05/1994		8.310E-07 { 6.316E-08}
12/28/1994		7.240E-07 { 7.674E-08}
MEAN		7.945E-07
MINIMUM		7.240E-07
MAXIMUM		8.790E-07
2STD. ERR		7.300E-08

- < - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
- { } - Total Propagated Analytical Uncertainty.
- NR - No result reported.
- nra - Not routinely analyzed or analyzed on a less frequent basis
- * - Analyzed as part of a composite sample only

2204 BYERS LANDING (HALOGEN , CHARCOAL_CARTRIDGE)

OFF DATE	COM	I-129 PCI/M3
03/23/1994		1.119E-06 { 8.078E-08}
07/13/1994		1.358E-06 { 8.963E-08}
10/05/1994		2.237E-06 { 1.834E-07}
12/28/1994		1.517E-06 { 1.062E-07}
MEAN		1.558E-06
MINIMUM		1.119E-06
MAXIMUM		2.237E-06
2STD. ERR		4.815E-07

- < - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
- { } - Total Propagated Analytical Uncertainty.
- NR - No result reported.
- nra - Not routinely analyzed or analyzed on a less frequent basis
- * - Analyzed as part of a composite sample only

2206 YAKIMA

(HALOGEN , CHARCOAL_CARTRIDGE)

OFF DATE	COM	I-129 PCI/M3
03/29/1994		8.500E-08 { 6.460E-09}
06/21/1994		5.400E-08 { 5.616E-09}
10/11/1994		5.700E-08 { 7.068E-09}
01/03/1995		6.300E-08 { 6.804E-09}

MEAN		6.470E-08
MINIMUM		5.400E-08
MAXIMUM		8.500E-08
2STD. ERR		1.400E-08

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis
 * - Analyzed as part of a composite sample only

2208 100 K AREA (WATER VAPOR , SILICA_GEL_HTO)

OFF DATE	COM	TRITIUM PCI/M3
01/19/1994		6.150E-01
		{ 1.400E+00 }
02/16/1994		8.030E-01
		{ 1.180E+00 }
03/16/1994	1	1.250E+00
		{ 1.190E+00 }
04/13/1994		2.500E-01
		{ 1.100E+00 }
05/11/1994		5.490E+00
		{ 1.700E+00 }
06/08/1994		1.110E-01
		{ 1.350E+00 }
07/07/1994		1.400E+00
		{ 1.560E+00 }
08/03/1994		3.000E-01
		{ 1.750E+00 }
08/31/1994		4.080E-01
		{ 1.160E+00 }
09/28/1994		5.230E-01
		{ 2.120E+00 }
10/26/1994		2.100E-01
		{ 1.510E+00 }
11/23/1994		7.000E-01
		{ 1.410E+00 }
12/21/1994		6.460E-01
		{ 1.230E+00 }

MEAN		9.774E-01
MINIMUM		1.110E-01
MAXIMUM		5.490E+00
2STD. ERR		7.816E-01

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis
 * - Analyzed as part of a composite sample only
 1 LOWER THAN NORMAL EXPOSURE HOURS, BREAKER WAS TURN TURNED.

2209 100 N-1325 CRIB (WATER VAPOR , SILICA_GEL_HTO)

OFF DATE	COM	TRITIUM PCI/M3
02/16/1994		3.100E-01
		{ 4.980E-01 }
03/16/1994		7.440E-01
		{ 6.390E-01 }
04/13/1994		2.260E+00
		{ 1.570E+00 }
05/11/1994		1.240E+02
		{ 1.120E+01 }
06/08/1994		1.380E+00
		{ 1.640E+00 }
07/07/1994		1.860E+00
		{ 1.670E+00 }
08/03/1994		1.070E+00
		{ 1.880E+00 }
08/31/1994		2.480E+00
		{ 2.690E+00 }
09/28/1994	<	-1.170E+00
		{ 2.120E+00 }
10/26/1994		4.440E-01
		{ 1.630E+00 }
11/23/1994		1.130E+00
		{ 1.510E+00 }
12/21/1994		9.500E-01
		{ 1.290E+00 }

MEAN		1.129E+01
MINIMUM	<	-1.170E+00
MAXIMUM		1.240E+02
2STD. ERR		2.050E+01

- < - Result less than the 2 sigma Total Propagated Analytical Uncertainty which includes the 2 sigma counting error and analytical error
- { } - Total Propagated Analytical Uncertainty.
- NR - No result reported.
- nra - Not routinely analyzed or analyzed on a less frequent basis
- * - Analyzed as part of a composite sample only

2210 200 ESE (WATER VAPOR , SILICA_GEL_HTO)

OFF DATE	COM	TRITIUM PCI/M3
01/12/1994		8.520E-01 { 1.380E+00}
02/09/1994		3.810E-02 { 1.170E+00}
03/09/1994		4.170E-01 { 1.170E+00}
04/06/1994		2.820E-01 { 1.290E+00}
05/04/1994		2.490E-01 { 1.570E+00}
06/01/1994		5.070E-01 { 6.510E-01}
06/29/1994	<	-5.190E-02 { 9.160E-01}
07/26/1994		1.050E+00 { 1.500E+00}
08/24/1994	<	-4.570E-01 { 2.190E+00}
09/21/1994		6.000E-02 { 2.080E+00}
10/19/1994		2.480E-01 { 1.590E+00}
11/16/1994		6.820E-01 { 1.340E+00}
12/14/1994		3.030E-01 { 9.740E-01}
01/10/1995		1.710E+00 { 1.610E+00}

MEAN		4.207E-01
MINIMUM	<	-4.570E-01
MAXIMUM		1.710E+00
2STD. ERR		2.845E-01

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis
 * - Analyzed as part of a composite sample only

2211 200 TEL. EXCHANGE (WATER VAPOR , SILICA_GEL_HTO)

OFF DATE	COM	TRITIUM PCI/M3
01/26/1994		< -1.200E-01 { 1.260E+00}
02/23/1994		4.280E-01 { 1.090E+00}
03/23/1994		1.040E+00 { 1.380E+00}
04/20/1994		1.490E-01 { 1.310E+00}
05/18/1994		1.200E+00 { 1.780E+00}
06/15/1994		5.800E-01 { 1.900E+00}
07/13/1994		4.410E+01 { 4.750E+00}
08/10/1994		8.640E-01 { 1.890E+00}
09/07/1994		1.790E+00 { 2.710E+00}
10/05/1994		< -3.420E-01 { 1.820E+00}
11/02/1994		1.060E-01 { 1.370E+00}
11/30/1994		< -2.870E-01 { 1.300E+00}
12/28/1994		3.140E-01 { 1.000E+00}

MEAN		3.832E+00
MINIMUM		< -3.420E-01
MAXIMUM		4.410E+01
2STD. ERR		6.720E+00

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis
 * - Analyzed as part of a composite sample only

2212 300 SOUTH GATE (WATER VAPOR , SILICA_GEL_HTO)

OFF DATE	COM	TRITIUM PCI/M3
01/11/1994		8.780E-01 { 1.600E+00}
02/08/1994		3.120E-01 { 1.660E+00}
03/08/1994	1	6.510E-01 { 1.550E+00}
04/05/1994	2	6.610E-01 { 1.480E+00}
05/03/1994		3.890E+00 { 2.010E+00}
05/31/1994		9.740E-01 { 1.020E+00}
06/28/1994	<	-3.010E-02 { 2.130E+00}
07/26/1994		1.110E+00 { 1.750E+00}
08/23/1994	<	-2.220E-01 { 2.140E+00}
09/20/1994		3.130E+00 { 2.110E+00}
10/18/1994		1.060E+00 { 2.830E+00}
11/15/1994		5.280E-01 { 1.700E+00}
12/13/1994		4.110E-01 { 9.740E-01}
01/11/1995		3.140E-01 { 9.540E-01}
-----		-----
MEAN		9.762E-01
MINIMUM	<	-2.220E-01
MAXIMUM		3.890E+00
2STD. ERR		6.151E-01

- < - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
- { } - Total Propagated Analytical Uncertainty.
- NR - No result reported.
- nra - Not routinely analyzed or analyzed on a less frequent basis
- * - Analyzed as part of a composite sample only
- 1 CONSTRUCTION IN AREA.
- 2 ON 3/22/94 LOCATION MOVED ~400 METERS, REFER TO 3/23/94 PROJECT CHANGE FORM.

2213 300 TRENCH (WATER VAPOR , SILICA_GEL_HTO)

OFF DATE	COM	TRITIUM PCI/M3
01/11/1994		3.040E-01 { 1.280E+00}
02/08/1994		1.520E+00 { 1.170E+00}
03/08/1994	1	5.330E+02 { 4.590E+01}
04/05/1994		9.810E-01 { 1.030E+00}
05/03/1994		7.820E+00 { 2.020E+00}
05/31/1994	2	NR
06/28/1994		1.800E+00 { 2.000E+00}
07/26/1994		1.180E+00 { 1.800E+00}
08/23/1994		< -4.130E-02 { 1.600E+00}
09/20/1994		1.690E+00 { 1.540E+00}
10/18/1994		1.110E+00 { 1.770E+00}
11/15/1994		8.160E-01 { 1.680E+00}
12/13/1994		6.290E-01 { 9.700E-01}
01/11/1995		5.360E-02 { 1.000E+00}
-----		-----
MEAN		4.237E+01
MINIMUM	<	-4.130E-02
MAXIMUM		5.330E+02
2STD. ERR		8.178E+01

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis
 * - Analyzed as part of a composite sample only
 1 CONSTRUCTION IN AREA.
 2 MCI FAILED, ASSUMED 0.5 END FLOW.

2215 300 NE (WATER VAPOR , SILICA_GEL_HTO)

OFF DATE	COM	TRITIUM PCI/M3
01/11/1994		6.110E-01 { 1.290E+00}
02/08/1994		6.610E-01 { 1.350E+00}
03/08/1994		1.280E+00 { 1.230E+00}
04/05/1994		9.190E-01 { 1.020E+00}
05/03/1994	1	NR
05/31/1994		1.040E+00 { 1.980E+00}
06/28/1994		1.290E+00 { 2.230E+00}
07/26/1994		4.970E-01 { 1.510E+00}
08/23/1994		2.820E-02 { 1.370E+00}
09/20/1994		3.710E+00 { 2.980E+00}
10/18/1994		1.290E+00 { 2.420E+00}
11/15/1994		3.870E-01 { 1.490E+00}
12/13/1994		7.280E-01 { 8.530E-01}
01/11/1995		9.050E-01 { 1.230E+00}
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MEAN		1.027E+00
MINIMUM		2.820E-02
MAXIMUM		3.710E+00
2STD. ERR		4.939E-01

- < - Result less than the 2 sigma Total Propagated Analytical Uncertainty which includes the 2 sigma counting error and analytical error
- { } - Total Propagated Analytical Uncertainty.
- NR - No result reported.
- nra - Not routinely analyzed or analyzed on a less frequent basis
- * - Analyzed as part of a composite sample only
- 1 - Sample was not collected.

2216 400 E (WATER VAPOR , SILICA_GEL_HTO)

OFF DATE	COM	TRITIUM PCI/M3
01/11/1994		6.170E-01 { 1.240E+00}
02/08/1994	<	-2.550E-01 { 1.050E+00}
03/08/1994		9.560E-01 { 1.110E+00}
04/05/1994		7.500E-01 { 1.110E+00}
05/03/1994		1.340E+00 { 1.670E+00}
05/31/1994		1.080E+00 { 1.140E+00}
06/28/1994		1.250E+00 { 1.710E+00}
07/26/1994		1.930E+00 { 2.040E+00}
08/23/1994	<	-8.410E-02 { 2.030E+00}
09/20/1994		1.800E+00 { 2.230E+00}
10/18/1994		1.280E+00 { 3.360E+00}
11/15/1994		3.790E-01 { 1.320E+00}
12/13/1994	1	4.450E-01 { 7.550E-01}
01/11/1995	2	2.850E-01 { 4.260E-01}

MEAN		8.409E-01
MINIMUM	<	-2.550E-01
MAXIMUM		1.930E+00
2STD. ERR		3.502E-01

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis
 * - Analyzed as part of a composite sample only
 1 POWER WAS OUT AT MCI
 2 LOW EXPOSURE HOURS DUE TO POWER OUTAGE EARLIER IN SAMPLING PERIOD.

2217 RINGOLD MET TOWER (WATER VAPOR , SILICA_GEL_HTO)

OFF DATE	COM	TRITIUM PCI/M3
01/26/1994	<	-3.760E-01 { 1.660E+00}
02/23/1994		9.330E-01 { 9.300E-01}
03/23/1994		4.370E-01 { 6.850E-01}
04/20/1994		1.980E+00 { 2.290E+00}
05/18/1994		1.750E+00 { 1.200E+00}
06/15/1994	<	-1.250E-01 { 1.290E+00}
07/13/1994		7.610E-01 { 1.810E+00}
08/10/1994		6.890E-01 { 2.130E+00}
09/07/1994		1.130E+00 { 2.290E+00}
10/05/1994		4.180E-01 { 8.350E-01}
11/02/1994		6.430E-01 { 1.890E+00}
11/30/1994	<	-7.720E-02 { 1.290E+00}
12/28/1994		8.370E-01 { 4.050E+00}
MEAN		6.923E-01
MINIMUM	<	-3.760E-01
MAXIMUM		1.980E+00
2STD. ERR		3.788E-01

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis
 * - Analyzed as part of a composite sample only

2218 DOGWOOD MET TOWER (WATER VAPOR , SILICA_GEL_HTO)

OFF DATE	COM	TRITIUM PCI/M3
01/26/1994	<	-7.780E-02 { 1.730E+00}
02/23/1994		4.960E-01 { 9.030E-01}
03/23/1994		4.740E-01 { 1.080E+00}
04/20/1994		8.710E-01 { 1.850E+00}
05/18/1994		5.620E-01 { 1.750E+00}
06/15/1994		1.390E+00 { 1.700E+00}
07/13/1994		1.010E+00 { 1.870E+00}
08/10/1994		3.040E+00 { 2.840E+00}
09/07/1994		1.150E+00 { 2.870E+00}
10/05/1994		2.620E-01 { 2.240E+00}
11/02/1994		2.590E-01 { 1.570E+00}
11/30/1994	<	-2.940E-01 { 1.390E+00}
12/28/1994		5.950E-01 { 1.160E+00}

MEAN		7.490E-01
MINIMUM	<	-2.940E-01
MAXIMUM		3.040E+00
2STD. ERR		4.627E-01

- < - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
- { } - Total Propagated Analytical Uncertainty.
- NR - No result reported.
- nra - Not routinely analyzed or analyzed on a less frequent basis
- * - Analyzed as part of a composite sample only

2219 BYERS LANDING (WATER VAPOR , SILICA_GEL_HTO)

OFF DATE	COM	TRITIUM PCI/M3
01/26/1994	<	-4.610E-01
	{	1.720E+00
02/23/1994		3.890E-01
	{	1.070E+00
03/23/1994		1.860E-01
	{	1.100E+00
04/20/1994		1.420E+00
	{	1.610E+00
05/18/1994		1.270E+00
	{	1.830E+00
06/15/1994		2.990E-02
	{	1.760E+00
07/13/1994		5.850E-01
	{	1.640E+00
08/10/1994		7.630E-01
	{	2.520E+00
09/07/1994		2.090E-01
	{	2.560E+00
10/05/1994		2.840E-01
	{	2.240E+00
11/02/1994		9.050E-01
	{	1.800E+00
11/30/1994	<	-4.670E-03
	{	9.380E-01
12/28/1994		6.730E-01
	{	1.130E+00
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MEAN		4.806E-01
MINIMUM	<	-4.610E-01
MAXIMUM		1.420E+00
2STD. ERR		2.929E-01

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis
 * - Analyzed as part of a composite sample only

2220 PROSSER BARRICADE (WATER VAPOR , SILICA_GEL_HTO)

OFF DATE	COM	TRITIUM PCI/M3
01/11/1994		7.010E-01 { 1.460E+00}
02/08/1994		2.160E-01 { 9.120E-01}
03/08/1994		3.830E-01 { 1.070E+00}
04/05/1994		6.340E-01 { 1.110E+00}
05/03/1994		1.190E+00 { 1.700E+00}
05/31/1994		8.570E-01 { 1.730E+00}
06/28/1994		< -4.670E-02 { 1.990E+00}
07/26/1994		1.070E+00 { 1.660E+00}
08/23/1994		1.040E+00 { 2.220E+00}
09/20/1994		1.070E+00 { 1.720E+00}
10/18/1994		9.510E-01 { 1.500E+00}
11/15/1994		< -2.390E-01 { 1.470E+00}
12/13/1994		6.890E-01 { 8.430E-01}
01/11/1995		9.900E-03 { 8.310E-01}
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MEAN		6.089E-01
MINIMUM		< -2.390E-01
MAXIMUM		1.190E+00
2STD. ERR		2.505E-01

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis
 * - Analyzed as part of a composite sample only

2221 WAHLUKE SLOPE (WATER VAPOR , SILICA_GEL_HTO)

OFF DATE	COM	TRITIUM PCI/M3
01/19/1994		1.380E-01
		{ 1.920E+00 }
02/16/1994		2.650E+00
		{ 1.180E+00 }
03/16/1994		8.410E-01
		{ 9.380E-01 }
04/13/1994		4.580E-01
		{ 1.630E+00 }
05/11/1994		< -5.870E-01
		{ 1.590E+00 }
06/08/1994		1.540E-01
		{ 1.480E+00 }
07/07/1994		8.180E-01
		{ 1.810E+00 }
08/03/1994		2.080E-02
		{ 4.070E-02 }
08/31/1994		1.060E+00
		{ 2.440E+00 }
09/28/1994	1	< -1.280E+00
		{ 2.080E+00 }
10/26/1994		7.160E-01
		{ 1.550E+00 }
11/23/1994		2.130E-01
		{ 8.820E-01 }
12/21/1994		2.460E-01
		{ 8.350E-01 }

MEAN		4.191E-01
MINIMUM		< -1.280E+00
MAXIMUM		2.650E+00
2STD. ERR		5.087E-01

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis
 * - Analyzed as part of a composite sample only
 1 MCI NOT RUNNING.

2222 BASIN CITY SCHOOL (WATER VAPOR , SILICA_GEL_HTO)

OFF DATE	COM	TRITIUM PCI/M3
01/04/1994		1.150E-01 { 1.050E+00}
02/01/1994		6.780E-02 { 1.240E+00}
03/01/1994		2.130E+01 { 2.230E+00}
03/29/1994		3.040E-01 { 2.560E-01}
04/26/1994		2.880E-01 { 1.010E+00}
05/24/1994		4.140E-01 { 2.210E+00}
06/21/1994		6.000E-01 { 1.520E+00}
07/19/1994		8.930E-01 { 1.400E+00}
08/16/1994	<	-2.250E-01 { 1.360E+00}
09/13/1994		1.540E+00 { 2.140E+00}
10/11/1994	<	-4.150E-01 { 1.640E+00}
11/08/1994	1	1.980E-01 { 1.380E+00}
12/09/1994		3.730E-01 { 1.130E+00}
01/03/1995	<	-3.410E-03 { 7.930E-01}
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MEAN		1.818E+00
MINIMUM	<	-4.150E-01
MAXIMUM		2.130E+01
2STD. ERR		3.008E+00

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis
 * - Analyzed as part of a composite sample only
 1 FIRST COLUMN FULLY SATURATED, SECOND COLUMN PARTIALLY SATURATED.

2223 LESLIE GROVES-RCHLND (WATER VAPOR , SILICA_GEL_HTO)

OFF DATE	COM	TRITIUM PCI/M3
01/04/1994	1	1.480E+00 { 1.230E+00}
02/01/1994		7.690E-02 { 1.730E+00}
03/01/1994		4.270E-01 { 9.120E-01}
03/29/1994		4.490E-01 { 1.160E+00}
04/26/1994		1.070E+00 { 1.870E+00}
05/24/1994		1.260E+00 { 1.610E+00}
06/21/1994		1.090E+00 { 1.710E+00}
07/19/1994		1.390E+00 { 1.460E+00}
08/16/1994		1.090E+00 { 1.770E+00}
09/13/1994		2.520E+00 { 2.370E+00}
10/11/1994	<	-5.400E-01 { 1.870E+00}
11/08/1994	2	3.630E-01 { 1.180E+00}
12/06/1994		1.270E-01 { 1.060E+00}
01/03/1995	<	-7.790E-02 { 6.930E-01}
MEAN		7.661E-01
MINIMUM	<	-5.400E-01
MAXIMUM		2.520E+00
2STD. ERR		4.245E-01

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis
 * - Analyzed as part of a composite sample only
 1 POSSIBLE LEAK IN SILICA GEL. 1ST & 3RD COLUMN LIGHT, 2ND COLUMN DARK.
 2 70% USED, MIDDLE COLUMN IS LESS USED.

2224 EDWIN MARKHAM SCHOOL (WATER VAPOR , SILICA_GEL_HTO)

OFF DATE	COM	TRITIUM PCI/M3
01/04/1994		1.220E-01 { 1.110E+00}
02/01/1994		5.130E-01 { 1.020E+00}
03/01/1994		3.610E-01 { 8.760E-01}
03/29/1994		6.450E-01 { 1.020E+00}
04/26/1994		1.030E+00 { 1.600E+00}
05/24/1994		1.340E+00 { 2.240E+00}
06/21/1994		1.130E-01 { 1.420E+00}
07/19/1994		1.190E+00 { 1.440E+00}
08/16/1994		8.770E-01 { 2.200E+00}
09/13/1994		3.910E+00 { 2.580E+00}
10/11/1994	<	-4.140E-01 { 2.330E+00}
11/08/1994		4.010E-01 { 1.060E+00}
12/06/1994		4.890E-01 { 9.090E-01}
01/03/1995	<	-6.180E-02 { 7.160E-01}

MEAN		7.511E-01
MINIMUM	<	-4.140E-01
MAXIMUM		3.910E+00
2STD. ERR		5.516E-01

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis
 * - Analyzed as part of a composite sample only

2225 SUNNYSIDE (WATER VAPOR , SILICA_GEL_HTO)

OFF DATE	COM	TRITIUM PCI/M3
01/18/1994		1.970E-01 { 1.530E+00 }
02/15/1994		1.180E+00 { 1.190E+00 }
03/15/1994	<	-1.840E-01 { 1.550E+00 }
04/12/1994	<	-1.060E-02 { 2.150E+00 }
05/10/1994		2.120E-01 { 1.540E+00 }
06/07/1994		5.290E-01 { 1.860E+00 }
07/06/1994		2.230E+00 { 1.460E+00 }
08/01/1994		1.840E-01 { 2.460E+00 }
08/30/1994		1.310E+00 { 2.790E+00 }
09/27/1994	<	-5.450E-01 { 2.190E+00 }
10/25/1994		2.990E-01 { 1.290E+00 }
11/22/1994	<	-2.630E-01 { 1.460E+00 }
12/20/1994		2.290E-01 { 1.070E+00 }
MEAN		4.129E-01
MINIMUM	<	-5.450E-01
MAXIMUM		2.230E+00
2STD. ERR		4.177E-01

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis
 * - Analyzed as part of a composite sample only

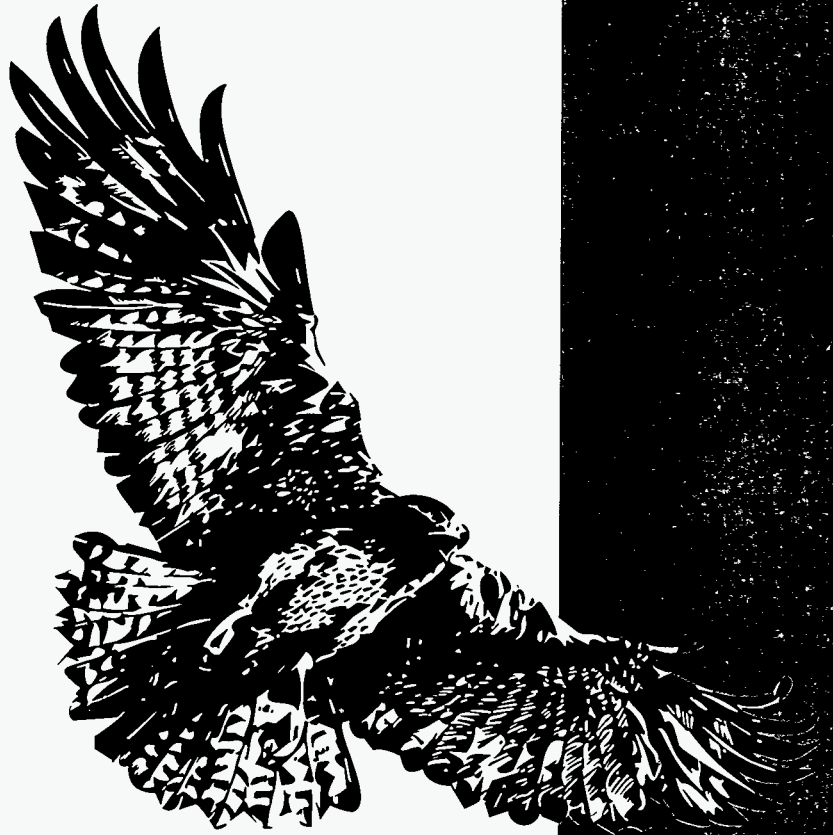
2226 YAKIMA

(WATER VAPOR , SILICA_GEL_HTO)

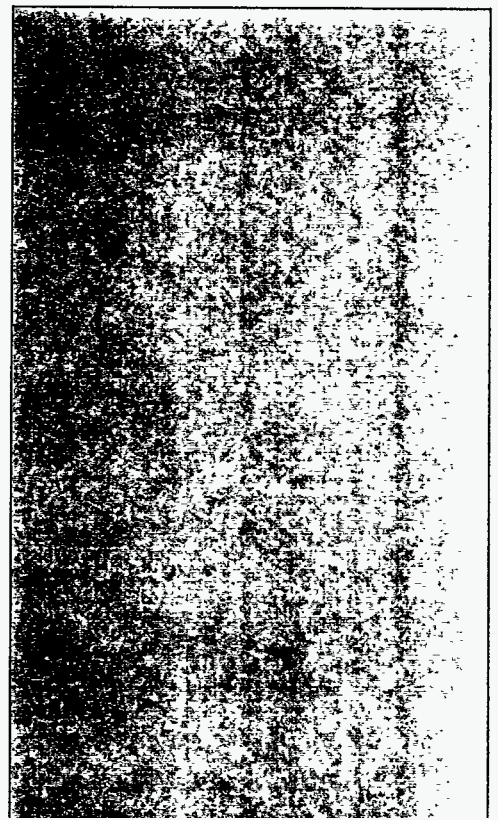
OFF DATE	COM	TRITIUM PCI/M3
01/18/1994		6.760E-01 { 9.860E-01}
02/15/1994		1.560E+00 { 2.540E+00}
03/15/1994		< -1.730E-01 { 1.520E+00}
04/12/1994		7.490E-01 { 1.400E+00}
05/10/1994		1.680E+00 { 1.620E+00}
06/07/1994		8.870E-01 { 5.730E-01}
07/06/1994		1.730E+00 { 1.200E+00}
08/01/1994	1	7.040E-01 { 1.200E+00}
08/30/1994		5.890E-01 { 1.900E+00}
09/27/1994		1.220E-01 { 1.950E+00}
10/25/1994		6.580E-01 { 1.700E+00}
11/22/1994		< -6.860E-01 { 1.970E+00}
12/20/1994		1.500E-01 { 4.030E-01}

MEAN		6.651E-01
MINIMUM		< -6.860E-01
MAXIMUM		1.730E+00
2STD. ERR		3.960E-01

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis
 * - Analyzed as part of a composite sample only
 1 POWER OUTAGE, LOW EXPOSURE HOURS.



Surface Water



2173 RICHLAND PUMP HOUSE (UNFILTERED , CUMULATIVE , RIVER)

OFF DATE	COM	U-234 PCI/L	U-235 PCI/L	U-2384 PCI/L	UI50 TOTAL PCI/L	RU-106 PCI/L	SR-90 PCI/L	TC-99 PCI/L	LO TRITIUM PCI/L
01/25/1994		2.680E-01	< 7.710E-03	< 2.540E-01	5.297E-01	1.100E+00	1.560E-01	< -3.550E-02	1.130E+02
		{ 5.910E-02}	{ 1.120E-02}	{ 5.670E-02}	{ 8.266E-02}	{ 9.120E+00}	{ 6.190E-02}	{ 5.370E-01}	{ 1.530E+01}
02/22/1994	1	2.450E-01	1.430E-02	1.730E-01	4.323E-01	< -4.120E+00	1.020E-01	< -1.890E-02	5.060E+01
		{ 5.620E-02}	{ 1.280E-02}	{ 4.580E-02}	{ 7.362E-02}	{ 1.030E+01}	{ 3.480E-02}	{ 5.230E-01}	{ 1.100E+01}
03/29/1994		2.580E-01	4.560E-03	2.290E-01	4.916E-01	1.360E+00	8.370E-02	6.990E-02	1.070E+02
		{ 5.690E-02}	{ 1.100E-02}	{ 5.260E-02}	{ 7.827E-02}	{ 1.250E+01}	{ 4.190E-02}	{ 5.280E-01}	{ 1.390E+01}
05/03/1994	<	2.700E-01	< 3.490E-03	1.980E-01	4.715E-01	4.620E+00	7.490E-02	5.090E-02	7.700E+01
		{ 5.530E-02}	{ 8.650E-03}	{ 4.570E-02}	{ 7.226E-02}	{ 7.970E+00}	{ 4.000E-02}	{ 4.980E-01}	{ 1.170E+01}
06/07/1994		2.990E-01	< 1.010E-02	< 1.850E-01	< 4.941E-01	1.240E+01	6.870E-02	< -4.130E-01	4.590E+01
		{ 5.990E-02}	{ 1.170E-02}	{ 4.510E-02}	{ 7.589E-02}	{ 8.050E+00}	{ 3.270E-02}	{ 5.510E-01}	{ 9.070E+00}
07/06/1994		2.310E-01	< 1.040E-02	< 1.650E-01	4.064E-01	< -4.110E+00	7.450E-02	1.800E-01	6.650E+01
		{ 5.370E-02}	{ 1.140E-02}	{ 4.390E-02}	{ 7.029E-02}	{ 8.850E+00}	{ 3.760E-02}	{ 5.420E-01}	{ 1.070E+01}
08/01/1994		2.290E-01	8.350E-03	1.660E-01	< 4.034E-01	8.900E+00	8.930E-02	< -1.360E-01	1.150E+02
		{ 5.040E-02}	{ 9.220E-03}	{ 4.150E-02}	{ 6.594E-02}	{ 8.040E+00}	{ 4.120E-02}	{ 5.140E-01}	{ 1.460E+01}
09/06/1994		4.990E-01	< 2.480E-02	< 5.280E-01	1.052E+00	2.900E+00	9.920E-02	7.600E-02	1.230E+02
		{ 1.340E-01}	{ 3.170E-02}	{ 1.360E-01}	{ 1.935E-01}	{ 8.570E+00}	{ 4.480E-02}	{ 5.080E-01}	{ 1.540E+01}
10/04/1994		2.170E-01	4.320E-03	1.620E-01	< 3.833E-01	< -9.360E+00	9.180E-02	1.530E-01	1.050E+02
		{ 4.810E-02}	{ 7.400E-03}	{ 3.980E-02}	{ 6.287E-02}	{ 1.030E+01}	{ 3.880E-02}	{ 5.240E-01}	{ 1.370E+01}
11/01/1994	2	4.320E-01	3.860E-02	< 3.580E-01	8.286E-01	< -9.230E+00	1.060E-01	< -3.020E-01	8.460E+01
		{ 9.470E-02}	{ 2.450E-02}	{ 8.350E-02}	{ 1.286E-01}	{ 1.080E+01}	{ 4.010E-02}	{ 5.180E-01}	{ 1.210E+01}
12/06/1994		2.500E-01	9.780E-03	1.770E-01	4.368E-01	< -6.220E+00	1.130E-01	< -1.830E-01	7.390E+01
		{ 6.120E-02}	{ 1.360E-02}	{ 4.960E-02}	{ 7.994E-02}	{ 9.180E+00}	{ 4.100E-02}	{ 5.310E-01}	{ 1.140E+01}
01/03/1995		2.530E-04	8.260E-06	< 2.450E-04	< 5.063E-04	8.300E+00	7.810E-02	< -3.640E-02	8.770E+01
		{ 5.350E-05}	{ 9.290E-06}	{ 5.160E-05}	{ 7.500E-05}	{ 7.530E+00}	{ 4.070E-02}	{ 5.220E-01}	{ 1.220E+01}
MEAN		2.665E-01	1.137E-02	2.163E-01	4.942E-01	5.450E-01	9.477E-02	-4.958E-02	8.743E+01
MINIMUM	<	2.530E-04	< 8.260E-06	< 2.450E-04	< 5.063E-04	< -9.360E+00	6.870E-02	< -4.130E-01	4.590E+01
MAXIMUM		4.990E-01	3.860E-02	5.280E-01	1.052E+00	1.240E+01	1.560E-01	1.800E-01	1.230E+02
2STD. ERR		6.948E-02	6.143E-03	7.351E-02	1.460E-01	4.180E+00	1.371E-02	1.039E-01	1.476E+01

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis
 1 ALPHA REFER TO FOLLOW-UP ANALYSIS REQUEST #W020. REANALYSIS RESULT ENTERED IN DATABASE.
 2 U-234 REFER TO FOLLOW-UP REQUEST #W021. REANALYSIS ENTERED IN DATABASE.
 U-235 REFER TO FOLLOW-UP REQUEST #W021. REANALYSIS ENTERED IN DATABASE.
 U-238 REFER TO FOLLOW-UP REQUEST #W021. REANALYSIS ENTERED IN DATABASE.

2166 PRIEST RAPIDS-RIVER (UNFILTERED , CUMULATIVE , RIVER)

OFF DATE	COM	U-234 PCI/L	U-235 PCI/L	U-2384 PCI/L	UISO TOTAL PCI/L	RU-106 PCI/L	SR-90 PCI/L	TC-99 PCI/L	LO TRITIUM PCI/L
01/25/1994		2.170E-01 { 6.210E-02}	< 1.830E-02 { 1.910E-02}	< 2.190E-01 { 6.210E-02}	4.543E-01 { 8.988E-02}	< -2.440E+00 { 9.880E+00}	9.450E-02 { 3.870E-02}	< -1.610E-01 { 5.280E-01}	4.040E+01 { 9.830E+00}
02/22/1994		2.390E-01 { 5.440E-02}	< 9.700E-03 { 1.240E-02}	< 2.100E-01 { 4.970E-02}	< 4.587E-01 { 7.472E-02}	6.420E-01 { 8.320E+00}	1.360E-01 { 4.930E-02}	< -1.310E-01 { 5.150E-01}	3.620E+01 { 9.960E+00}
03/29/1994		2.640E-01 { 5.820E-02}	< 1.080E-02 { 1.180E-02}	< 2.170E-01 { 5.170E-02}	4.918E-01 { 7.874E-02}	< -7.380E+00 { 1.000E+01}	8.860E-02 { 4.740E-02}	1.740E-01 { 5.360E-01}	5.110E+01 { 9.450E+00}
05/03/1994		2.590E-01 { 6.670E-02}	< -3.190E-03 { 8.130E-03}	< 1.810E-01 { 5.300E-02}	< 4.368E-01 { 8.558E-02}	< -1.450E+01 { 1.060E+01}	8.790E-02 { 4.090E-02}	2.230E-01 { 5.110E-01}	3.250E+01 { 8.350E+00}
06/07/1994	1	2.340E-01 { 5.280E-02}	3.470E-03 { 7.960E-03}	< 1.780E-01 { 4.490E-02}	4.155E-01 { 6.977E-02}	3.210E+00 { 7.900E+00}	9.290E-02 { 4.190E-02}	< -4.410E-01 { 5.490E-01}	3.280E+01 { 8.160E+00}
07/06/1994		3.010E-01 { 8.930E-02}	7.900E-03 { 2.560E-02}	< 2.270E-01 { 7.590E-02}	< 5.359E-01 { 1.200E-01}	< -3.020E+00 { 9.510E+00}	2.930E-02 { 1.790E-02}	8.290E-03 { 5.300E-01}	3.980E+01 { 8.720E+00}
08/01/1994		1.920E-01 { 4.490E-02}	< 6.470E-03 { 8.960E-03}	< 1.640E-01 { 4.060E-02}	< 3.625E-01 { 6.119E-02}	5.330E+00 { 9.760E+00}	1.010E-01 { 4.080E-02}	4.880E-02 { 5.280E-01}	3.490E+01 { 8.520E+00}
09/06/1994		4.440E-01 { 1.290E-01}	< 3.160E-02 { 3.930E-02}	3.500E-01 { 1.110E-01}	8.256E-01 { 1.747E-01}	< -1.200E+01 { 1.090E+01}	1.060E-01 { 4.500E-02}	6.490E-01 { 5.540E-01}	3.680E+01 { 8.780E+00}
10/04/1994		1.690E-01 { 4.330E-02}	4.710E-03 { 1.010E-02}	< 1.550E-01 { 4.010E-02}	< 3.287E-01 { 5.987E-02}	8.090E-01 { 7.950E+00}	9.210E-02 { 3.840E-02}	1.090E-02 { 5.130E-01}	3.410E+01 { 8.470E+00}
11/01/1994		1.640E-01 { 4.290E-02}	< 9.160E-03 { 1.100E-02}	< 1.690E-01 { 4.260E-02}	3.422E-01 { 6.145E-02}	2.950E+00 { 8.480E+00}	9.390E-02 { 3.690E-02}	< -1.070E-01 { 5.320E-01}	3.630E+01 { 8.400E+00}
12/06/1994		2.060E-01 { 5.300E-02}	7.920E-03 { 1.550E-02}	< 2.080E-01 { 5.110E-02}	< 4.219E-01 { 7.524E-02}	6.770E-01 { 8.770E+00}	9.970E-02 { 4.000E-02}	< -1.120E-01 { 5.360E-01}	3.900E+01 { 8.730E+00}
01/03/1995		2.040E-04 { 4.690E-05}	5.570E-06 { 8.530E-06}	1.360E-04 { 3.700E-05}	3.456E-04 { 6.000E-05}	7.030E+00 { 6.890E+00}	1.000E-01 { 4.330E-02}	5.000E-02 { 5.290E-01}	3.760E+01 { 8.480E+00}
MEAN		2.241E-01	8.904E-03	1.898E-01	4.228E-01	-1.558E+00	9.349E-02	1.767E-02	3.763E+01
MINIMUM		2.040E-04	< -3.190E-03	< 1.360E-04	< 3.456E-04	< -1.450E+01	2.930E-02	< -4.410E-01	3.250E+01
MAXIMUM		4.440E-01	3.160E-02	3.500E-01	8.256E-01	7.030E+00	1.360E-01	6.490E-01	5.110E+01
2STD. ERR		5.918E-02	5.188E-03	4.535E-02	1.073E-01	3.865E+00	1.379E-02	1.522E-01	2.859E+00

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis
 1 Comment for sample 2168 on 05/10/1994
 Sample was not collected.

2196 300 AREA (UNFILTERED , CUMULATIVE , DRINKING)

OFF DATE	COM	U-234 PCI/L	U-235 PCI/L	U-2384 PCI/L	UISO TOTAL PCI/L	RU-106 PCI/L	SR-90 PCI/L	TC-99 PCI/L	LO TRITIUM PCI/L
03/29/1994		3.820E-01	< 4.960E-03	< 3.160E-01	7.030E-01	8.220E+00	1.370E+00	1.790E-01	1.430E+02
		{ 7.350E-02}	{ 8.610E-03}	{ 6.470E-02}	{ 9.830E-02}	{ 7.450E+00}	{ 2.810E-01}	{ 5.370E-01}	{ 1.680E+01}
06/21/1994		2.910E-01	< 1.780E-02	< 2.790E-01	5.878E-01	1.030E+01	5.320E-02	2.870E-01	9.030E+01
		{ 5.610E-02}	{ 1.320E-02}	{ 5.380E-02}	{ 7.884E-02}	{ 9.630E+00}	{ 3.360E-02}	{ 5.510E-01}	{ 1.270E+01}
10/11/1994		5.440E-01	2.090E-02	< 4.310E-01	9.959E-01	< -3.430E+00	1.030E-01	2.020E-01	2.140E+02
		{ 9.330E-02}	{ 1.540E-02}	{ 7.900E-02}	{ 1.232E-01}	{ 1.100E+01}	{ 4.620E-02}	{ 5.280E-01}	{ 2.250E+01}
01/03/1995		5.090E-04	< 2.370E-05	< 4.440E-04	< 9.767E-04	3.050E+00	9.320E-02	< -4.470E-02	1.350E+02
		{ 9.720E-05}	{ 1.800E-05}	{ 8.840E-05}	{ 1.330E-04}	{ 9.020E+00}	{ 4.400E-02}	{ 5.220E-01}	{ 1.610E+01}
MEAN		3.044E-01	1.092E-02	2.566E-01	5.719E-01	4.535E+00	4.049E-01	1.558E-01	1.456E+02
MINIMUM		5.090E-04	< 2.370E-05	< 4.440E-04	< 9.767E-04	< -3.430E+00	5.320E-02	< -4.470E-02	9.030E+01
MAXIMUM		5.440E-01	2.090E-02	< 4.310E-01	9.959E-01	1.030E+01	1.370E+00	2.870E-01	2.140E+02
2STD. ERR		2.280E-01	1.002E-02	1.826E-01	4.176E-01	6.123E+00	6.438E-01	1.415E-01	5.117E+01

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis

PRIEST RAPIDS-RIVER

OFF DATE	FLOW RATE
01/01/1994	5.220E+04
01/02/1994	5.200E+04
01/03/1994	5.490E+04
01/04/1994	7.490E+04
01/05/1994	7.930E+04
01/06/1994	7.740E+04
01/07/1994	8.120E+04
01/08/1994	7.200E+04
01/09/1994	6.080E+04
01/10/1994	8.110E+04
01/11/1994	8.240E+04
01/12/1994	7.190E+04
01/13/1994	7.240E+04
01/14/1994	8.310E+04
01/15/1994	6.980E+04
01/16/1994	5.990E+04
01/17/1994	9.220E+04
01/18/1994	1.160E+05
01/19/1994	9.890E+04
01/20/1994	9.780E+04
01/21/1994	9.770E+04
01/22/1994	7.280E+04
01/23/1994	6.400E+04
01/24/1994	8.370E+04
01/25/1994	1.010E+05
01/26/1994	1.060E+05
01/27/1994	1.070E+05
01/28/1994	1.060E+05
01/29/1994	1.080E+05
01/30/1994	1.040E+05
01/31/1994	1.240E+05
02/01/1994	1.310E+05
02/02/1994	1.420E+05
02/03/1994	1.380E+05
02/04/1994	1.440E+05
02/05/1994	1.400E+05
02/06/1994	1.280E+05
02/07/1994	1.370E+05
02/08/1994	1.400E+05
02/09/1994	1.170E+05
02/10/1994	1.150E+05
02/11/1994	1.220E+05
02/12/1994	1.050E+05
02/13/1994	1.010E+05
02/14/1994	1.170E+05
02/15/1994	1.040E+05
02/16/1994	9.630E+04
02/17/1994	9.990E+04
02/18/1994	1.060E+05

PRIEST RAPIDS-RIVER

OFF DATE	FLOW RATE
02/19/1994	7.990E+04
02/20/1994	7.750E+04
02/21/1994	9.680E+04
02/22/1994	1.120E+05
02/23/1994	1.110E+05
02/24/1994	1.150E+05
02/25/1994	1.100E+05
02/26/1994	8.980E+04
02/27/1994	7.990E+04
02/28/1994	9.510E+04
03/01/1994	8.470E+04
03/02/1994	7.860E+04
03/03/1994	6.450E+04
03/04/1994	6.530E+04
03/05/1994	6.420E+04
03/06/1994	6.430E+04
03/07/1994	9.610E+04
03/08/1994	8.380E+04
03/09/1994	8.930E+04
03/10/1994	8.580E+04
03/11/1994	8.500E+04
03/12/1994	6.430E+04
03/13/1994	6.770E+04
03/14/1994	6.310E+04
03/15/1994	8.980E+04
03/16/1994	9.950E+04
03/17/1994	9.910E+04
03/18/1994	9.470E+04
03/19/1994	1.010E+05
03/20/1994	9.110E+04
03/21/1994	1.090E+05
03/22/1994	1.160E+05
03/23/1994	1.210E+05
03/24/1994	1.080E+05
03/25/1994	8.790E+04
03/26/1994	8.260E+04
03/27/1994	6.700E+04
03/28/1994	9.030E+04
03/29/1994	9.400E+04
03/30/1994	9.870E+04
03/31/1994	1.010E+05
04/01/1994	8.430E+04
04/02/1994	7.900E+04
04/03/1994	8.200E+04
04/04/1994	1.160E+05
04/05/1994	1.030E+05
04/06/1994	1.030E+05
04/07/1994	1.010E+05

PRIEST RAPIDS-RIVER

OFF DATE	FLOW RATE
04/08/1994	9.490E+04
04/09/1994	5.540E+04
04/10/1994	6.140E+04
04/11/1994	9.330E+04
04/12/1994	9.610E+04
04/13/1994	9.800E+04
04/14/1994	8.040E+04
04/15/1994	7.190E+04
04/16/1994	6.220E+04
04/17/1994	7.280E+04
04/18/1994	9.990E+04
04/19/1994	9.590E+04
04/20/1994	8.140E+04
04/21/1994	9.780E+04
04/22/1994	8.840E+04
04/23/1994	6.700E+04
04/24/1994	6.090E+04
04/25/1994	8.640E+04
04/26/1994	9.260E+04
04/27/1994	1.110E+05
04/28/1994	1.230E+05
04/29/1994	1.280E+05
04/30/1994	1.180E+05
05/01/1994	1.300E+05
05/02/1994	1.050E+05
05/03/1994	1.340E+05
05/04/1994	1.370E+05
05/05/1994	1.380E+05
05/06/1994	1.290E+05
05/07/1994	1.110E+05
05/08/1994	1.070E+05
05/09/1994	1.190E+05
05/10/1994	1.180E+05
05/11/1994	1.220E+05
05/12/1994	1.270E+05
05/13/1994	1.150E+05
05/14/1994	9.490E+04
05/15/1994	1.030E+05
05/16/1994	1.110E+05
05/17/1994	1.150E+05
05/18/1994	1.170E+05
05/19/1994	1.130E+05
05/20/1994	1.180E+05
05/21/1994	1.200E+05
05/22/1994	9.240E+04
05/23/1994	1.300E+05
05/24/1994	1.530E+05
05/25/1994	1.470E+05
05/26/1994	1.380E+05

PRIEST RAPIDS-RIVER

OFF DATE	FLOW RATE
05/27/1994	1.330E+05
05/28/1994	1.180E+05
05/29/1994	1.180E+05
05/30/1994	1.160E+05
05/31/1994	1.390E+05
06/01/1994	1.510E+05
06/02/1994	1.560E+05
06/03/1994	1.550E+05
06/04/1994	1.450E+05
06/05/1994	1.360E+05
06/06/1994	1.570E+05
06/07/1994	1.560E+05
06/08/1994	1.560E+05
06/09/1994	1.530E+05
06/10/1994	1.660E+05
06/11/1994	1.690E+05
06/12/1994	1.760E+05
06/13/1994	1.790E+05
06/14/1994	1.800E+05
06/15/1994	1.500E+05
06/16/1994	1.470E+05
06/17/1994	1.340E+05
06/18/1994	1.390E+05
06/19/1994	1.260E+05
06/20/1994	1.420E+05
06/21/1994	1.550E+05
06/22/1994	1.510E+05
06/23/1994	1.640E+05
06/24/1994	1.640E+05
06/25/1994	1.470E+05
06/26/1994	1.310E+05
06/27/1994	1.260E+05
06/28/1994	1.360E+05
06/29/1994	1.400E+05
06/30/1994	1.560E+05
07/01/1994	1.420E+05
07/02/1994	1.090E+05
07/03/1994	9.260E+04
07/04/1994	1.020E+05
07/05/1994	1.190E+05
07/06/1994	1.180E+05
07/07/1994	1.200E+05
07/08/1994	1.280E+05
07/09/1994	1.190E+05
07/10/1994	9.000E+04
07/11/1994	1.140E+05
07/12/1994	1.280E+05
07/13/1994	1.220E+05
07/14/1994	1.080E+05

PRIEST RAPIDS-RIVER

OFF DATE	FLOW RATE
07/15/1994	1.220E+05
07/16/1994	9.080E+04
07/17/1994	7.260E+04
07/18/1994	1.010E+05
07/19/1994	1.120E+05
07/20/1994	1.140E+05
07/21/1994	1.220E+05
07/22/1994	1.110E+05
07/23/1994	9.460E+04
07/24/1994	7.480E+04
07/25/1994	9.580E+04
07/26/1994	1.190E+05
07/27/1994	1.100E+05
07/28/1994	1.020E+05
07/29/1994	1.090E+05
07/30/1994	8.070E+04
07/31/1994	6.830E+04
08/01/1994	7.270E+04
08/02/1994	9.590E+04
08/03/1994	9.640E+04
08/04/1994	8.920E+04
08/05/1994	9.580E+04
08/06/1994	7.300E+04
08/07/1994	6.690E+04
08/08/1994	8.230E+04
08/09/1994	8.040E+04
08/10/1994	8.380E+04
08/11/1994	8.660E+04
08/12/1994	9.190E+04
08/13/1994	7.760E+04
08/14/1994	5.870E+04
08/15/1994	9.250E+04
08/16/1994	9.380E+04
08/17/1994	8.970E+04
08/18/1994	9.050E+04
08/19/1994	7.540E+04
08/20/1994	6.490E+04
08/21/1994	4.070E+04
08/22/1994	6.700E+04
08/23/1994	6.660E+04
08/24/1994	7.760E+04
08/25/1994	7.800E+04
08/26/1994	7.430E+04
08/27/1994	7.060E+04
08/28/1994	5.830E+04
08/29/1994	6.230E+04
08/30/1994	7.630E+04
08/31/1994	8.130E+04
09/01/1994	6.620E+04

PRIEST RAPIDS-RIVER

OFF DATE	FLOW_RATE
-----	-----
09/02/1994	5.480E+04
09/03/1994	4.160E+04
09/04/1994	4.220E+04
09/05/1994	5.720E+04
09/06/1994	8.410E+04
09/07/1994	7.760E+04
09/08/1994	6.930E+04
09/09/1994	6.010E+04
09/10/1994	5.060E+04
09/11/1994	4.210E+04
09/12/1994	5.840E+04
09/13/1994	5.000E+04
09/14/1994	4.500E+04
09/15/1994	5.930E+04
09/16/1994	7.190E+04
09/17/1994	4.960E+04
09/18/1994	4.790E+04
09/19/1994	6.710E+04
09/20/1994	7.990E+04
09/21/1994	7.410E+04
09/22/1994	7.110E+04
09/23/1994	4.920E+04
09/24/1994	5.450E+04
09/25/1994	4.160E+04
09/26/1994	7.390E+04
09/27/1994	7.820E+04
09/28/1994	6.850E+04
09/29/1994	5.950E+04
09/30/1994	5.610E+04
10/01/1994	5.250E+04
10/02/1994	4.950E+04
10/03/1994	7.300E+04
10/04/1994	5.490E+04
10/05/1994	6.000E+04
10/06/1994	6.180E+04
10/07/1994	7.210E+04
10/08/1994	5.940E+04
10/09/1994	5.800E+04
10/10/1994	8.360E+04
10/11/1994	8.660E+04
10/12/1994	7.680E+04
10/13/1994	6.720E+04
10/14/1994	8.280E+04
10/15/1994	8.050E+04
10/16/1994	5.770E+04
10/17/1994	6.210E+04
10/18/1994	6.890E+04
10/19/1994	7.880E+04

PRIEST RAPIDS-RIVER

OFF DATE	FLOW RATE
10/20/1994	7.910E+04
10/21/1994	7.780E+04
10/22/1994	7.070E+04
10/23/1994	5.960E+04
10/24/1994	6.810E+04
10/25/1994	7.790E+04
10/26/1994	8.140E+04
10/27/1994	8.750E+04
10/28/1994	8.680E+04
10/29/1994	8.000E+04
10/30/1994	6.950E+04
10/31/1994	6.990E+04
11/01/1994	8.160E+04
11/02/1994	7.930E+04
11/03/1994	8.240E+04
11/04/1994	8.320E+04
11/05/1994	8.310E+04
11/06/1994	7.640E+04
11/07/1994	7.520E+04
11/08/1994	7.930E+04
11/09/1994	8.210E+04
11/10/1994	7.300E+04
11/11/1994	7.630E+04
11/12/1994	8.010E+04
11/13/1994	6.900E+04
11/14/1994	7.060E+04
11/15/1994	7.970E+04
11/16/1994	8.450E+04
11/17/1994	8.640E+04
11/18/1994	9.280E+04
11/19/1994	9.010E+04
11/20/1994	7.700E+04
11/21/1994	9.860E+04
11/22/1994	1.090E+05
11/23/1994	9.470E+04
11/24/1994	6.900E+04
11/25/1994	6.640E+04
11/26/1994	7.450E+04
11/27/1994	7.920E+04
11/28/1994	1.020E+05
11/29/1994	9.700E+04
11/30/1994	3.690E+04
12/01/1994	9.070E+04
12/02/1994	8.540E+04
12/03/1994	8.430E+04
12/04/1994	9.290E+04

PRIEST RAPIDS-RIVER

OFF DATE	FLOW RATE
12/05/1994	1.120E+05
12/06/1994	1.130E+05
12/07/1994	1.110E+05
12/08/1994	1.160E+05
12/09/1994	1.100E+05
12/10/1994	9.530E+04
12/11/1994	8.930E+04
12/12/1994	1.090E+05
12/13/1994	1.130E+05
12/14/1994	1.230E+05
12/15/1994	1.280E+05
12/16/1994	1.010E+05
12/17/1994	7.440E+04
12/18/1994	6.280E+04
12/19/1994	7.530E+04
12/20/1994	6.910E+04
12/21/1994	8.250E+04
12/22/1994	9.020E+04
12/23/1994	7.100E+04
12/24/1994	6.060E+04
12/25/1994	6.350E+04
12/26/1994	6.580E+04
12/27/1994	7.290E+04
12/28/1994	8.820E+04
12/29/1994	9.860E+04
12/30/1994	1.010E+05
12/31/1994	8.510E+04

MEAN	9.441E+04
MINIMUM	3.690E+04
MAXIMUM	1.800E+05
2STD. ERR	2.994E+03

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis

RICHLAND PUMP HOUSE

OFF DATE	FLOW_RATE
01/01/1994	5.220E+04
01/02/1994	5.200E+04
01/03/1994	5.490E+04
01/04/1994	7.490E+04
01/05/1994	7.930E+04
01/06/1994	7.740E+04
01/07/1994	8.120E+04
01/08/1994	7.200E+04
01/09/1994	6.080E+04
01/10/1994	8.110E+04
01/11/1994	8.240E+04

MEAN	6.984E+04
MINIMUM	5.200E+04
MAXIMUM	8.240E+04
2STD. ERR	7.446E+03

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
which includes the 2 sigma counting error and analytical error
{ } - Total Propagated Analytical Uncertainty.
NR - No result reported.
nra - Not routinely analyzed or analyzed on a less frequent basis

2186 RICHLAND PUMP HOUSE (FILTERED , CONTINUOUS , RIVER)

OFF DATE	COM	CO-60 PCI/L	CS-134 PCI/L	CS-137 PCI/L	PU-238 PCI/L	PU39-40 PCI/L
01/18/1994		2.220E-03 { 1.050E-03 }	< -4.480E-04 { 7.950E-04 }	1.000E-03 { 9.340E-04 }	nra	nra
02/15/1994		1.550E-03 { 6.870E-04 }	4.470E-04 { 5.340E-04 }	1.450E-03 { 6.250E-04 }	nra	nra
03/29/1994		< -7.770E-04 { 6.770E-04 }	< -3.050E-04 { 4.840E-04 }	7.630E-04 { 5.720E-04 }	2.870E-09 { 7.810E-09 }	2.400E-08 { 1.480E-08 }
04/26/1994	1	2.550E-03 { 1.600E-03 }	< -1.060E-03 { 1.180E-03 }	< -2.110E-04 { 1.350E-03 }	nra	nra
06/07/1994	2	7.340E-04 { 6.620E-04 }	< -3.190E-04 { 5.810E-04 }	8.830E-04 { 6.150E-04 }	nra	nra
07/06/1994	3	3.090E-04 { 1.450E-03 }	5.310E-04 { 1.220E-03 }	8.630E-04 { 1.270E-03 }	nra	nra
08/01/1994		2.090E-03 { 9.230E-04 }	4.370E-04 { 6.290E-04 }	6.900E-04 { 7.200E-04 }	< -6.470E-07 { 4.750E-06 }	3.230E-05 { 1.670E-05 }
08/30/1994		7.000E-04 { 7.090E-04 }	3.330E-05 { 5.320E-04 }	3.030E-04 { 5.990E-04 }	nra	nra
09/27/1994		6.660E-04 { 7.220E-04 }	1.630E-04 { 5.680E-04 }	5.160E-04 { 6.380E-04 }	nra	nra
10/25/1994		9.250E-04 { 6.960E-04 }	< -5.660E-05 { 5.800E-04 }	1.060E-03 { 6.030E-04 }	1.330E-05 { 9.480E-06 }	1.770E-05 { 9.010E-06 }
12/06/1994		5.900E-04 { 6.470E-04 }	< -5.950E-04 { 5.470E-04 }	2.760E-04 { 5.800E-04 }	nra	nra
01/03/1995	4	2.310E-01 { 6.890E-01 }	2.110E-03 { 5.970E-01 }	5.430E-01 { 5.960E-01 }	8.600E-06 { 1.230E-05 }	1.460E-05 { 1.330E-05 }
MEAN		2.021E-02	7.814E-05	4.588E-02	5.314E-06	1.616E-05
MINIMUM		< -7.770E-04	< -1.060E-03	< -2.110E-04	< -6.470E-07	2.400E-08
MAXIMUM		2.310E-01	2.110E-03	5.430E-01	1.330E-05	3.230E-05
2STD. ERR		3.833E-02	4.591E-04	9.039E-02	6.790E-06	1.324E-05

- < - Result less than the 2 sigma Total Propagated Analytical Uncertainty which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis
- 1 Comment for sample 2188 on 04/26/1994
NO WATER IN PLASTIC HOLDING TANK, OPENED VALVE MORE.
 - 2 Comment for sample 2188 on 05/24/1994
NO SAMPLE. HOSE LOOSE.
 - 3 Comment for sample 2188 on 06/21/1994
NO SAMPLE. SYSTEM DRY.
GAMMA SCAN - REFER TO FOLLOW-UP ANALYSIS ORDER W013. RESULT WAS DETERMINED USING AN INCORRECT SAMPLE DATE. RESULT MODIFIED BY LAB ON 3/2/95.
 - 4 Comment for sample 2188 on 01/03/1995
WATER INTAKE FROZEN, PUMP FOUND TO BE FAULTY.

2183 RICHLAND PUMP HOUSE (RESIN , CONTINUOUS , RIVER)

OFF DATE	COM	CO-60 PCI/L	CS-134 PCI/L	CS-137 PCI/L	I-129 PCI/L	PU-238 PCI/L	PU39-40 PCI/L
01/18/1994		< -4.510E-04 { 4.680E-03}	2.490E-03 { 4.770E-03}	3.510E-03 { 4.610E-03}	nra	nra	nra
02/15/1994		< -7.500E-04 { 6.600E-03}	< -6.920E-03 { 6.050E-03}	6.870E-03 { 4.830E-03}	nra	nra	nra
03/29/1994		4.350E-03 { 5.080E-03}	6.840E-04 { 4.000E-03}	1.490E-03 { 4.920E-03}	8.710E-05 { 5.749E-06}	1.650E-05 { 3.890E-05}	3.320E-05 { 9.500E-05}
04/26/1994	1	< -5.090E-04 { 4.140E-03}	2.000E-03 { 3.680E-03}	3.910E-03 { 4.150E-03}	nra	nra	nra
06/07/1994	2	2.700E-03 { 5.290E-03}	< -2.620E-03 { 4.670E-03}	6.150E-04 { 4.210E-03}	nra	nra	nra
07/06/1994	3	1.820E-03 { 4.090E-03}	< -1.030E-03 { 4.330E-03}	3.330E-03 { 4.220E-03}	nra	nra	nra
08/01/1994		< -1.950E-03 { 4.790E-03}	1.600E-03 { 4.780E-03}	2.210E-03 { 4.970E-03}	3.870E-05 { 4.102E-06}	5.890E-05 { 1.130E-04}	2.260E-05 { 8.270E-05}
08/30/1994		2.310E-04 { 4.120E-03}	< -7.610E-04 { 3.850E-03}	6.190E-03 { 3.970E-03}	nra	nra	nra
09/27/1994		< -3.860E-04 { 5.180E-03}	9.180E-04 { 3.840E-03}	1.170E-04 { 4.580E-03}	nra	nra	nra
10/25/1994		4.290E-05 { 1.700E-03}	4.770E-04 { 1.450E-03}	< -1.550E-04 { 1.440E-03}	7.970E-05 { 7.651E-06}	7.240E-06 { 4.090E-05}	1.090E-04 { 6.430E-05}
12/06/1994		< -7.090E-04 { 5.230E-03}	< -1.180E-03 { 4.000E-03}	9.300E-04 { 4.460E-03}	nra	nra	nra
01/03/1995	4	< -9.470E-04 { 4.320E-03}	2.570E-03 { 4.070E-03}	1.480E-03 { 4.480E-03}	1.004E-04 { 9.036E-06}	9.080E-05 { 1.470E-04}	6.950E-05 { 8.090E-05}
MEAN		2.868E-04	-1.477E-04	2.541E-03	7.648E-05	4.336E-05	5.858E-05
MINIMUM		< -1.950E-03	< -6.920E-03	< -1.550E-04	3.870E-05	7.240E-06	2.260E-05
MAXIMUM		4.350E-03	2.570E-03	6.870E-03	1.004E-04	9.080E-05	1.090E-04
2STD. ERR		1.029E-03	1.542E-03	1.317E-03	2.660E-05	3.881E-05	3.916E-05

- < - Result less than the 2 sigma Total Propagated Analytical Uncertainty which includes the 2 sigma counting error and analytical error
- { } - Total Propagated Analytical Uncertainty.
- NR - No result reported.
- nra - Not routinely analyzed or analyzed on a less frequent basis
- 1 Comment for sample 2185 on 04/26/1994
NO WATER IN PLASTIC HOLDING TANK, OPENED VALVE MORE.
- 2 Comment for sample 2185 on 05/24/1994
NO SAMPLE. HOSE LOOSE.
- 3 Comment for sample 2185 on 06/21/1994
NO SAMPLE. PUMP BROKEN.
- 4 Comment for sample 2185 on 01/03/1995
WATER INTAKE FROZEN, PUMP FOUND TO BE FAULTY.

2175 PRIEST RAPIDS-RIVER (FILTERED , CONTINUOUS , RIVER)

OFF DATE	COM	CO-60 PCI/L	CS-134 PCI/L	CS-137 PCI/L	PU-238 PCI/L	PU39-40 PCI/L
01/18/1994		8.410E-04 { 1.030E-03}	< -8.610E-04 { 9.710E-04}	1.060E-03 { 8.080E-04}	nra	nra
02/15/1994		4.330E-06 { 6.270E-04}	< -2.010E-04 { 5.570E-04}	< -2.640E-04 { 6.550E-04}	nra	nra
03/29/1994		< -2.260E-04 { 7.820E-04}	< -5.550E-04 { 6.530E-04}	2.920E-04 { 6.680E-04}	4.180E-09 { 8.500E-09}	2.900E-08 { 1.710E-08}
04/26/1994		< -5.910E-04 { 7.470E-04}	< -4.530E-04 { 6.460E-04}	< -3.020E-05 { 6.890E-04}	nra	nra
06/07/1994	1	< -2.130E-04 { 8.450E-04}	3.920E-04 { 6.680E-04}	2.430E-04 { 7.940E-04}	nra	nra
07/06/1994	2	< -4.400E-04 { 1.110E-03}	< -7.130E-04 { 9.770E-04}	2.900E-04 { 9.850E-04}	nra	nra
08/01/1994		9.930E-04 { 9.520E-04}	< -2.700E-04 { 8.310E-04}	< -2.520E-04 { 9.130E-04}	< -9.680E-06 { 3.930E-05}	< -8.920E-06 { 1.760E-05}
08/30/1994		8.010E-04 { 6.290E-04}	7.550E-05 { 5.840E-04}	5.290E-04 { 6.930E-04}	nra	nra
09/27/1994		8.310E-04 { 5.690E-04}	2.060E-04 { 4.850E-04}	7.670E-05 { 6.020E-04}	nra	nra
10/25/1994		5.000E-04 { 6.650E-04}	< -9.480E-04 { 6.070E-04}	1.080E-04 { 6.400E-04}	1.960E-04 { 5.130E-05}	1.310E-05 { 1.180E-05}
12/06/1994		< -2.900E-04 { 6.890E-04}	< -7.900E-04 { 6.110E-04}	1.250E-04 { 6.050E-04}	nra	nra
01/03/1995	3	8.320E-04 { 1.010E-03}	< -1.390E-03 { 7.990E-04}	1.280E-03 { 8.490E-04}	1.160E-05 { 1.250E-05}	1.360E-05 { 1.130E-05}
MEAN		2.535E-04	-4.590E-04	2.881E-04	4.948E-05	4.452E-06
MINIMUM		< -5.910E-04	< -1.390E-03	< -2.640E-04	< -9.680E-06	< -8.920E-06
MAXIMUM		9.930E-04	3.920E-04	1.280E-03	1.960E-04	1.360E-05
2STD. ERR		3.446E-04	3.018E-04	2.720E-04	9.807E-05	1.091E-05

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error

{ } - Total Propagated Analytical Uncertainty.

NR - No result reported.

nra - Not routinely analyzed or analyzed on a less frequent basis

1 Comment for sample 2177 on 05/24/1994
 NO SAMPLE. PUMP NOT WORKING.

2 Comment for sample 2177 on 06/21/1994
 NO SAMPLE. PUMP BROKEN.

GAMMA SCAN - RESULT WAS DETERMINED USING AN INCORRECT SAMPLE DATE. RESULT
 MODIFIED BY LAB ON 3/2/95.

3 Comment for sample 2177 on 12/20/1994
 WATER LOW DUE TO SAMPLE VALVE OFF.

2178 PRIEST RAPIDS-RIVER (RESIN , CONTINUOUS , RIVER)

OFF DATE	COM	CO-60 PCI/L	CS-134 PCI/L	CS-137 PCI/L	I-129 PCI/L	PU-238 PCI/L	PU39-40 PCI/L
01/18/1994		3.840E-03	5.470E-03	< -1.100E-03	nra	nra	nra
		{ 4.090E-03}	{ 4.080E-03}	{ 4.700E-03}			
02/15/1994		< -9.270E-04	3.910E-05	2.180E-03	nra	nra	nra
		{ 6.420E-03}	{ 4.870E-03}	{ 5.570E-03}			
03/29/1994		4.190E-03	< -9.550E-04	2.550E-03	2.200E-06	< -4.230E-05	5.390E-05
		{ 5.360E-03}	{ 4.810E-03}	{ 4.730E-03}	{ 2.112E-07}	{ 7.920E-05}	{ 6.880E-05}
04/26/1994		< -5.740E-03	< -3.470E-03	< -1.040E-03	nra	nra	nra
		{ 5.350E-03}	{ 4.110E-03}	{ 4.790E-03}			
06/07/1994	1	3.220E-03	< -5.390E-03	< -8.270E-04	nra	nra	nra
		{ 6.320E-03}	{ 5.480E-03}	{ 5.710E-03}			
07/06/1994	2	3.300E-03	2.490E-04	3.680E-03	nra	nra	nra
		{ 3.650E-03}	{ 3.080E-03}	{ 3.160E-03}			
08/01/1994		4.290E-03	< -5.570E-03	3.240E-03	6.700E-06	1.090E-04	< -1.660E-04
		{ 4.580E-03}	{ 5.530E-03}	{ 6.070E-03}	{ 8.576E-07}	{ 1.590E-04}	{ 1.950E-04}
08/30/1994		5.420E-03	4.890E-04	5.350E-03	nra	nra	nra
		{ 4.390E-03}	{ 3.780E-03}	{ 4.270E-03}			
09/27/1994		2.290E-03	7.520E-04	1.660E-04	nra	nra	nra
		{ 4.950E-03}	{ 3.920E-03}	{ 4.400E-03}			
10/25/1994		8.720E-04	< -1.680E-04	3.470E-04	1.289E-04	2.100E-05	6.090E-05
		{ 1.600E-03}	{ 1.220E-03}	{ 1.470E-03}	{ 1.289E-05}	{ 2.660E-05}	{ 5.320E-05}
12/06/1994		1.900E-03	< -2.200E-04	< -6.910E-04	nra	nra	nra
		{ 4.230E-03}	{ 3.870E-03}	{ 4.760E-03}			
01/03/1995	3	< -2.560E-03	< -1.950E-03	< -2.460E-03	3.450E-05	1.840E-05	5.130E-05
		{ 6.680E-03}	{ 5.900E-03}	{ 6.850E-03}	{ 3.795E-06}	{ 4.130E-05}	{ 5.470E-05}
MEAN		1.675E-03	-8.937E-04	9.496E-04	4.308E-05	2.653E-05	2.500E-08
MINIMUM		< -5.740E-03	< -5.570E-03	< -2.460E-03	2.200E-06	< -4.230E-05	< -1.660E-04
MAXIMUM		5.420E-03	5.470E-03	5.350E-03	1.289E-04	1.090E-04	6.090E-05
2STD. ERR		1.888E-03	1.724E-03	1.379E-03	5.897E-05	6.228E-05	1.108E-04

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error

{ } - Total Propagated Analytical Uncertainty.

NR - No result reported.

nra - Not routinely analyzed or analyzed on a less frequent basis

1 Comment for sample 2181 on 05/24/1994

NO SAMPLE. PUMP NOT WORKING.

2 Comment for sample 2181 on 06/21/1994

NO SAMPLE. PUMP BROKEN.

3 Comment for sample 2181 on 12/20/1994

WATER LOW DUE TO SAMPLE VALVE OFF.

2026 100 F -1 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	SR-90 PCI/L	LO TRITIUM PCI/L	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UIISO TOTAL PCI/L
08/25/1994		9.140E-02 { 4.590E-02}	4.000E+01 { 8.690E+00}	2.010E-01 { 5.340E-02}	4.730E-03 { 2.030E-02}	1.240E-01 { 6.050E-02}	3.297E-01 { 8.321E-02}

2071 100 F -10 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	SR-90 PCI/L	LO TRITIUM PCI/L	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UIISO TOTAL PCI/L
08/25/1994		1.130E-01 { 4.760E-02}	3.290E+01 { 8.190E+00}	2.160E-01 { 4.930E-02}	1.110E-02 { 1.120E-02}	1.610E-01 { 4.140E-02}	3.881E-01 { 6.534E-02}

2045 100 F -2 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	SR-90 PCI/L	LO TRITIUM PCI/L	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UIISO TOTAL PCI/L
08/25/1994		1.070E-01 { 4.890E-02}	3.560E+01 { 8.400E+00}	2.460E-01 { 5.490E-02}	1.530E-02 { 1.400E-02}	1.520E-01 { 4.180E-02}	4.133E-01 { 7.041E-02}

2030 100 F -3 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	SR-90 PCI/L	LO TRITIUM PCI/L	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UIISO TOTAL PCI/L
08/25/1994		1.300E-01 { 5.100E-02}	3.650E+01 { 8.440E+00}	2.380E-01 { 8.040E-02}	< -5.620E-03 { 6.200E-03}	1.660E-01 { 6.530E-02}	3.984E-01 { 1.038E-01}

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis

2060 100 F -4 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	SR-90 PCI/L	LO TRITIUM PCI/L	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UIISO TOTAL PCI/L
08/25/1994		8.610E-02 { 3.940E-02 }	3.680E+01 { 8.520E+00 }	2.130E-01 { 5.300E-02 }	1.500E-02 { 1.330E-02 }	1.580E-01 { 4.430E-02 }	3.860E-01 { 7.035E-02 }

2061 100 F -5 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	SR-90 PCI/L	LO TRITIUM PCI/L	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UIISO TOTAL PCI/L
08/25/1994		1.140E-01 { 4.540E-02 }	3.350E+01 { 8.210E+00 }	2.230E-01 { 4.880E-02 }	9.460E-03 { 1.160E-02 }	1.350E-01 { 3.630E-02 }	3.675E-01 { 6.192E-02 }

2062 100 F -6 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	SR-90 PCI/L	LO TRITIUM PCI/L	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UIISO TOTAL PCI/L
08/25/1994		1.240E-01 { 4.690E-02 }	3.740E+01 { 8.550E+00 }	2.330E-01 { 5.230E-02 }	< -4.410E-04 { 7.000E-03 }	1.750E-01 { 4.400E-02 }	4.076E-01 { 6.870E-02 }

2067 100 F -7 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	SR-90 PCI/L	LO TRITIUM PCI/L	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UIISO TOTAL PCI/L
08/25/1994		9.080E-02 { 4.690E-02 }	3.620E+01 { 8.470E+00 }	2.240E-01 { 4.960E-02 }	3.100E-03 { 7.340E-03 }	2.030E-01 { 4.610E-02 }	4.301E-01 { 6.811E-02 }

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
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 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis

2068 100 F -8 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	SR-90 PCI/L	LO TRITIUM PCI/L	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UIISO TOTAL PCI/L
08/25/1994		1.080E-01 { 4.300E-02 }	3.530E+01 { 8.360E+00 }	2.380E-01 { 5.190E-02 }	7.030E-03 { 8.400E-03 }	1.450E-01 { 3.900E-02 }	3.900E-01 { 6.546E-02 }

2072 100 F -9 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	SR-90 PCI/L	LO TRITIUM PCI/L	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UIISO TOTAL PCI/L
08/25/1994		8.330E-02 { 3.970E-02 }	4.030E+01 { 8.790E+00 }	2.090E-01 { 4.680E-02 }	2.090E-03 { 5.640E-03 }	1.540E-01 { 3.900E-02 }	3.651E-01 { 6.118E-02 }

2016 100 N -1 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	ALPHA PCI/L	BETA PCI/L	CO-60 PCI/L	CS-134 PCI/L	CS-137 PCI/L	SR-90 PCI/L	TC-99 PCI/L	LO TRITIUM PCI/L
08/25/1994		1.120E+00 { 7.670E-01 }	1.710E+00 { 1.560E+00 }	< -7.510E-01 { 2.720E+00 }	< -5.210E-01 { 2.280E+00 }	< -3.430E-01 { 2.050E+00 }	1.250E+00 { 3.210E-01 }	5.240E-02 { 5.280E-01 }	5.020E+01 { 9.550E+00 }

2016 100 N -1 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UIISO TOTAL PCI/L
08/25/1994		2.070E-01 { 5.510E-02 }	1.100E-02 { 1.510E-02 }	1.520E-01 { 4.510E-02 }	3.700E-01 { 7.279E-02 }

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 nra - Not routinely analyzed or analyzed on a less frequent basis

2135 100 N -10 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	ALPHA PCI/L	BETA PCI/L	CO-60 PCI/L	CS-134 PCI/L	CS-137 PCI/L	SR-90 PCI/L	TC-99 PCI/L	LO TRITIUM PCI/L
08/25/1994		3.610E-01 { 4.890E-01 }	2.560E+00 { 1.610E+00 }	< -2.320E-01 { 1.500E+00 }	< -1.320E-02 { 1.000E+00 }	< -6.300E-02 { 1.240E+00 }	6.800E-02 { 1.420E-01 }	< -9.200E-04 { 5.240E-01 }	3.510E+01 { 8.360E+00 }

2135 100 N -10 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UIISO TOTAL PCI/L
08/25/1994		2.670E-01 { 5.530E-02 }	4.820E-03 { 8.460E-03 }	1.930E-01 { 4.540E-02 }	4.648E-01 { 7.205E-02 }

2017 100 N -2 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	ALPHA PCI/L	BETA PCI/L	CO-60 PCI/L	CS-134 PCI/L	CS-137 PCI/L	SR-90 PCI/L	TC-99 PCI/L	LO TRITIUM PCI/L
08/25/1994		2.440E-01 { 4.220E-01 }	1.380E+00 { 1.400E+00 }	< -1.540E-01 { 9.260E-01 }	< -5.260E-02 { 1.120E+00 }	< -7.560E-01 { 1.260E+00 }	6.730E-04 { 1.320E-01 }	< -4.950E-02 { 5.200E-01 }	3.760E+01 { 8.540E+00 }

2017 100 N -2 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UIISO TOTAL PCI/L
08/25/1994		2.210E-01 { 5.260E-02 }	9.430E-04 { 8.770E-03 }	1.460E-01 { 4.080E-02 }	3.679E-01 { 6.714E-02 }

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2144 100 N -3 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	ALPHA PCI/L	BETA PCI/L	CO-60 PCI/L	CS-134 PCI/L	CS-137 PCI/L	SR-90 PCI/L	TC-99 PCI/L	LO TRITIUM PCI/L
08/25/1994		4.740E-01 { 5.080E-01}	4.500E-01 { 1.330E+00}	< -1.680E+00 { 1.420E+00}	< -5.290E-01 { 9.310E-01}	< -3.440E-01 { 9.440E-01}	< -1.720E-02 { 1.220E-01}	< -5.540E-02 { 5.200E-01}	3.600E+01 { 8.450E+00}

2144 100 N -3 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UIISO TOTAL PCI/L
08/25/1994		2.100E-01 { 4.580E-02}	1.170E-02 { 1.050E-02}	1.640E-01 { 3.920E-02}	3.857E-01 { 6.119E-02}

2146 100 N -4 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	ALPHA PCI/L	BETA PCI/L	CO-60 PCI/L	CS-134 PCI/L	CS-137 PCI/L	SR-90 PCI/L	TC-99 PCI/L	LO TRITIUM PCI/L
08/25/1994		1.080E+00 { 7.480E-01}	1.380E+00 { 1.480E+00}	< -3.090E-01 { 8.730E-01}	< -2.500E-01 { 9.620E-01}	< -7.250E-01 { 1.130E+00}	5.320E-02 { 1.400E-01}	8.320E-02 { 5.310E-01}	4.240E+01 { 8.890E+00}

2146 100 N -4 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UIISO TOTAL PCI/L
08/25/1994		2.190E-01 { 5.520E-02}	1.080E-02 { 1.200E-02}	1.720E-01 { 4.790E-02}	4.018E-01 { 7.406E-02}

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 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis

2020 100 N -5 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	ALPHA PCI/L	BETA PCI/L	CO-60 PCI/L	CS-134 PCI/L	CS-137 PCI/L	SR-90 PCI/L	TC-99 PCI/L	LO TRITIUM PCI/L
08/25/1994		2.550E-01 { 4.380E-01}	1.480E+00 { 1.560E+00}	< -5.980E-01 { 1.420E+00}	3.530E-01 { 8.810E-01}	< -5.740E-01 { 1.070E+00}	1.840E-02 { 1.320E-01}	7.490E-02 { 5.300E-01}	3.360E+01 { 8.270E+00}

2020 100 N -5 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UISO TOTAL PCI/L
08/25/1994		2.350E-01 { 5.600E-02}	1.000E-02 { 1.400E-02}	1.730E-01 { 4.670E-02}	4.180E-01 { 7.425E-02}

2151 100 N -6 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	ALPHA PCI/L	BETA PCI/L	CO-60 PCI/L	CS-134 PCI/L	CS-137 PCI/L	SR-90 PCI/L	TC-99 PCI/L	LO TRITIUM PCI/L
08/25/1994		1.100E-01 { 3.860E-01}	1.890E+00 { 1.590E+00}	< -7.710E-02 { 1.180E+00}	< -3.290E-01 { 9.490E-01}	< -3.310E-01 { 1.130E+00}	4.730E-02 { 1.360E-01}	1.810E-01 { 5.380E-01}	3.580E+01 { 8.450E+00}

2151 100 N -6 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UISO TOTAL PCI/L
08/25/1994		2.490E-01 { 5.180E-02}	1.270E-02 { 1.180E-02}	1.190E-01 { 3.400E-02}	3.807E-01 { 6.308E-02}

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2152 100 N -7 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	ALPHA PCI/L	BETA PCI/L	CO-60 PCI/L	CS-134 PCI/L	CS-137 PCI/L	SR-90 PCI/L	TC-99 PCI/L	LO TRITIUM PCI/L
08/25/1994		2.360E-01 { 4.100E-01}	1.150E+00 { 1.380E+00}	< -3.680E-01 { 9.820E-01}	4.820E-01 { 8.380E-01}	2.440E-01 { 9.620E-01}	1.190E-02 { 1.230E-01}	1.660E-01 { 5.370E-01}	3.390E+01 { 8.350E+00}

2152 100 N -7 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UIISO TOTAL PCI/L
08/25/1994		1.990E-01 { 6.800E-02}	8.930E-03 { 1.700E-02}	1.870E-01 { 6.470E-02}	3.949E-01 { 9.539E-02}

2153 100 N -8 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	ALPHA PCI/L	BETA PCI/L	CO-60 PCI/L	CS-134 PCI/L	CS-137 PCI/L	SR-90 PCI/L	TC-99 PCI/L	LO TRITIUM PCI/L
08/25/1994		5.470E-01 { 5.310E-01}	1.490E+00 { 1.490E+00}	< -7.720E-02 { 1.530E+00}	1.200E+00 { 1.020E+00}	1.100E+00 { 1.290E+00}	1.350E-03 { 1.430E-01}	< -1.310E-01 { 5.150E-01}	3.140E+01 { 7.810E+00}

2153 100 N -8 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UIISO TOTAL PCI/L
08/25/1994		1.800E-01 { 4.510E-02}	5.150E-03 { 7.510E-03}	1.710E-01 { 4.330E-02}	3.562E-01 { 6.297E-02}

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2154 100 N -9 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	ALPHA PCI/L	BETA PCI/L	CO-60 PCI/L	CS-134 PCI/L	CS-137 PCI/L	SR-90 PCI/L	TC-99 PCI/L	LO TRITIUM PCI/L
08/25/1994		1.090E+00 { 7.120E-01}	1.020E+00 { 1.400E+00}	< -6.170E-01 { 1.240E+00}	1.970E-01 { 1.200E+00}	1.580E-01 { 1.140E+00}	1.090E-01 { 1.550E-01}	7.370E-03 { 5.250E-01}	3.400E+01 { 8.330E+00}

2154 100 N -9 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UIISO TOTAL PCI/L
08/25/1994		1.850E-01 { 4.660E-02}	< -1.720E-04 { 4.850E-03}	1.850E-01 { 4.600E-02}	3.698E-01 { 6.566E-02}

2092 300 AREA -1 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	SR-90 PCI/L	LO TRITIUM PCI/L	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UIISO TOTAL PCI/L
08/26/1994		8.100E-02 { 5.450E-02}	6.660E+01 { 1.110E+01}	3.170E-01 { 1.470E-01}	6.950E-02 { 9.800E-02}	1.560E-01 { 1.420E-01}	5.425E-01 { 2.267E-01}

2101 300 AREA -10 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	SR-90 PCI/L	LO TRITIUM PCI/L	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UIISO TOTAL PCI/L
08/26/1994		6.160E-02 { 4.090E-02}	3.620E+01 { 8.880E+00}	2.790E-01 { 1.460E-01}	2.690E-03 { 3.470E-02}	1.850E-01 { 1.190E-01}	4.667E-01 { 1.915E-01}

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis

2093 300 AREA -2 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	SR-90 PCI/L	LO TRITIUM PCI/L	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UIISO TOTAL PCI/L
08/26/1994		8.630E-02 { 5.180E-02 }	5.270E+01 { 1.000E+01 }	1.120E-01 { 8.060E-02 }	2.820E-03 { 3.350E-02 }	1.520E-01 { 8.880E-02 }	2.668E-01 { 1.245E-01 }

2094 300 AREA -3 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	SR-90 PCI/L	LO TRITIUM PCI/L	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UIISO TOTAL PCI/L
08/26/1994		8.700E-02 { 4.360E-02 }	4.160E+01 { 9.320E+00 }	2.650E-01 { 2.090E-01 }	1.170E-01 { 1.320E-01 }	2.870E-01 { 1.970E-01 }	6.690E-01 { 3.161E-01 }

2095 300 AREA -4 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	SR-90 PCI/L	LO TRITIUM PCI/L	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UIISO TOTAL PCI/L
08/26/1994		7.470E-02 { 4.350E-02 }	3.130E+01 { 8.590E+00 }	1.250E-01 { 6.960E-02 }	1.030E-02 { 2.140E-02 }	1.430E-01 { 7.100E-02 }	2.783E-01 { 1.017E-01 }

2096 300 AREA -5 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	SR-90 PCI/L	LO TRITIUM PCI/L	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UIISO TOTAL PCI/L
08/26/1994		6.990E-02 { 4.690E-02 }	3.600E+01 { 8.910E+00 }	2.370E-01 { 7.600E-02 }	< -7.750E-03 { 1.300E-02 }	1.500E-01 { 5.830E-02 }	3.793E-01 { 9.666E-02 }

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis

2097 300 AREA -6 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	SR-90 PCI/L	LO TRITIUM PCI/L	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UISO TOTAL PCI/L
08/26/1994		6.780E-02 { 1.180E-01}	3.400E+01 { 8.750E+00}	1.680E-01 { 8.320E-02}	9.070E-03 { 2.830E-02}	1.810E-01 { 8.100E-02}	3.581E-01 { 1.195E-01}

2098 300 AREA -7 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	SR-90 PCI/L	LO TRITIUM PCI/L	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UISO TOTAL PCI/L
08/26/1994		1.060E-01 { 4.820E-02}	3.360E+01 { 8.720E+00}	1.600E-01 { 8.270E-02}	3.460E-04 { 1.890E-02}	1.860E-01 { 8.400E-02}	3.463E-01 { 1.194E-01}

2099 300 AREA -8 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	SR-90 PCI/L	LO TRITIUM PCI/L	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UISO TOTAL PCI/L
08/26/1994		6.790E-02 { 4.020E-02}	3.200E+01 { 8.570E+00}	3.560E-01 { 1.230E-01}	5.140E-03 { 1.770E-02}	1.160E-01 { 6.840E-02}	4.771E-01 { 1.418E-01}

2100 300 AREA -9 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	SR-90 PCI/L	LO TRITIUM PCI/L	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UISO TOTAL PCI/L
08/26/1994		7.700E-02 { 4.610E-02}	3.130E+01 { 8.530E+00}	1.670E-01 { 1.290E-01}	2.550E-02 { 5.220E-02}	2.840E-01 { 1.540E-01}	4.765E-01 { 2.076E-01}

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis

2073 HANFORD TOWNSITE-1 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	SR-90 PCI/L	TC-99 PCI/L	LO TRITIUM PCI/L	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UIISO TOTAL PCI/L
09/02/1994		1.190E-01 { 8.100E-02 }	7.720E-02 { 5.080E-01 }	3.280E+03 { 2.770E+02 }	2.630E-01 { 6.830E-02 }	1.480E-02 { 1.720E-02 }	1.560E-01 { 5.100E-02 }	4.338E-01 { 8.696E-02 }

2089 HANFORD TOWNSITE-10 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	SR-90 PCI/L	TC-99 PCI/L	LO TRITIUM PCI/L	U-234	U-235	U-238
09/02/1994	1	7.440E-02 { 6.600E-02 }	1.460E-01 { 5.130E-01 }	3.590E+01 { 8.660E+00 }	NR	NR	NR

2077 HANFORD TOWNSITE-2 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	SR-90 PCI/L	TC-99 PCI/L	LO TRITIUM PCI/L	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UIISO TOTAL PCI/L
09/02/1994		1.370E-01 { 7.440E-02 }	2.990E+00 { 7.640E-01 }	1.330E+03 { 1.180E+02 }	2.150E-01 { 5.900E-02 }	4.860E-04 { 1.190E-02 }	1.530E-01 { 4.800E-02 }	3.685E-01 { 7.698E-02 }

2091 HANFORD TOWNSITE-3 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	SR-90 PCI/L	TC-99 PCI/L	LO TRITIUM PCI/L	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UIISO TOTAL PCI/L
09/02/1994		9.230E-02 { 6.780E-02 }	1.040E+00 { 5.860E-01 }	6.860E+01 { 1.100E+01 }	1.980E-01 { 8.540E-02 }	2.490E-02 { 3.440E-02 }	1.430E-01 { 6.880E-02 }	3.659E-01 { 1.149E-01 }

- < - Result less than the 2 sigma Total Propagated Analytical Uncertainty which includes the 2 sigma counting error and analytical error
- { } - Total Propagated Analytical Uncertainty.
- NR - No result reported.
- nra - Not routinely analyzed or analyzed on a less frequent basis
- 1 U-234 RESULT LOST AT LAB.
- U-235 RESULT LOST AT LAB.
- U-238 RESULT LOST AT LAB.

2342 HANFORD TOWNSITE-4 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	SR-90 PCI/L	TC-99 PCI/L	LO TRITIUM PCI/L	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UIISO TOTAL PCI/L
09/02/1994		7.680E-02 { 6.100E-02 }	< -2.400E-01 { 4.840E-01 }	3.510E+01 { 8.570E+00 }	2.250E-01 { 6.450E-02 }	1.000E-02 { 1.480E-02 }	1.910E-01 { 5.730E-02 }	4.260E-01 { 8.754E-02 }

2085 HANFORD TOWNSITE-5 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	SR-90 PCI/L	TC-99 PCI/L	LO TRITIUM PCI/L	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UIISO TOTAL PCI/L
09/02/1994		1.100E-01 { 6.950E-02 }	2.070E-01 { 5.180E-01 }	2.980E+01 { 8.220E+00 }	2.000E-01 { 5.800E-02 }	6.890E-03 { 1.160E-02 }	1.330E-01 { 4.640E-02 }	3.399E-01 { 7.518E-02 }

2043 HANFORD TOWNSITE-6 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	SR-90 PCI/L	TC-99 PCI/L	LO TRITIUM PCI/L	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UIISO TOTAL PCI/L
09/02/1994		1.080E-01 { 6.870E-02 }	< -1.110E-01 { 4.940E-01 }	3.910E+01 { 8.870E+00 }	1.670E-01 { 5.470E-02 }	4.930E-03 { 1.030E-02 }	1.340E-01 { 4.800E-02 }	3.059E-01 { 7.350E-02 }

2086 HANFORD TOWNSITE-7 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	SR-90 PCI/L	TC-99 PCI/L	LO TRITIUM PCI/L	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UIISO TOTAL PCI/L
09/02/1994		8.490E-02 { 6.500E-02 }	< -2.580E-01 { 4.830E-01 }	3.890E+01 { 8.860E+00 }	2.010E-01 { 5.610E-02 }	1.530E-02 { 1.510E-02 }	1.840E-01 { 5.250E-02 }	4.003E-01 { 7.830E-02 }

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis

2087 HANFORD TOWNSITE-8 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	SR-90 PCI/L	TC-99 PCI/L	LO TRITIUM PCI/L	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UIISO TOTAL PCI/L
09/02/1994		8.450E-02 { 6.330E-02 }	1.940E-01 { 5.170E-01 }	3.770E+01 { 8.740E+00 }	1.300E-01 { 3.820E-02 }	5.600E-03 { 8.760E-03 }	1.070E-01 { 3.390E-02 }	2.426E-01 { 5.182E-02 }

2088 HANFORD TOWNSITE-9 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	SR-90 PCI/L	TC-99 PCI/L	LO TRITIUM PCI/L	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UIISO TOTAL PCI/L
09/02/1994		1.410E-01 { 7.560E-02 }	< -7.080E-02 { 4.960E-01 }	3.810E+01 { 8.790E+00 }	1.540E-01 { 3.830E-02 }	7.840E-03 { 8.740E-03 }	1.130E-01 { 3.200E-02 }	2.748E-01 { 5.067E-02 }

2111 RICHLAND PMPHOUSE-10 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	SR-90 PCI/L	LO TRITIUM PCI/L	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UIISO TOTAL PCI/L
03/31/1994		6.710E-02 { 3.710E-02 }	3.940E+01 { 8.680E+00 }	4.140E-01 { 6.970E-02 }	9.170E-02 { 2.840E-02 }	2.760E-01 { 5.350E-02 }	7.817E-01 { 9.234E-02 }
07/01/1994		7.220E-02 { 3.710E-02 }	3.690E+01 { 8.640E+00 }	2.100E-01 { 5.060E-02 }	7.360E-03 { 9.380E-03 }	1.830E-01 { 4.630E-02 }	4.004E-01 { 6.923E-02 }
08/26/1994		5.290E-02 { 3.980E-02 }	3.730E+01 { 9.030E+00 }	3.880E-01 { 9.320E-02 }	< -2.930E-03 { 1.410E-02 }	3.920E-01 { 9.170E-02 }	7.771E-01 { 1.315E-01 }
12/21/1994	1	9.080E-02 { 4.340E-02 }	3.940E+01 { 8.730E+00 }	4.800E-01 { 1.520E-01 }	< -9.550E-04 { 2.590E-02 }	3.510E-01 { 1.240E-01 }	8.300E-01 { 1.979E-01 }
MEAN		7.075E-02	3.825E+01	3.730E-01	2.379E-02	3.005E-01	6.973E-01
MINIMUM		5.290E-02	3.690E+01	2.100E-01	< -2.930E-03	1.830E-01	4.004E-01
MAXIMUM		9.080E-02	3.940E+01	4.800E-01	9.170E-02	3.920E-01	8.300E-01
2STD. ERR		1.566E-02	1.338E+00	1.154E-01	4.549E-02	9.189E-02	1.994E-01

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis
 1 U-234 U-ISOTOPIC FRACTION LOST AT LAB. RETRIEVED SAMPLES FROM DATACHEM AND SUBMITTED TO IT ON 4/3/95.
 U-235 U-ISOTOPIC FRACTION LOST AT LAB. RETRIEVED SAMPLES FROM DATACHEM AND SUBMITTED TO IT ON 4/3/95.
 U-238 U-ISOTOPIC FRACTION LOST AT LAB. RETRIEVED SAMPLES FROM DATACHEM AND SUBMITTED TO IT ON 4/3/95.

2770 RICHLAND PUMP HOUSE (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	SR-90 PCI/L	LO TRITIUM PCI/L	U-234	U-235	U-238
12/21/1994	1	8.680E-02 { 4.190E-02 }	1.650E+02 { 1.870E+01 }	NR	NR	NR

2102 RICHLAND PUMPHOUSE-1 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	SR-90 PCI/L	LO TRITIUM PCI/L	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UIISO TOTAL PCI/L
03/31/1994		9.580E-02 { 4.330E-02 }	5.100E+01 { 9.520E+00 }	2.640E-01 { 5.220E-02 }	1.000E-01 { 2.900E-02 }	1.410E-01 { 3.590E-02 }	5.050E-01 { 6.968E-02 }
07/01/1994		8.120E-02 { 4.830E-02 }	3.910E+01 { 8.840E+00 }	2.190E-01 { 5.240E-02 }	8.040E-03 { 1.080E-02 }	1.760E-01 { 4.580E-02 }	4.030E-01 { 7.043E-02 }
08/26/1994		7.260E-02 { 4.190E-02 }	9.120E+01 { 1.300E+01 }	3.320E-01 { 2.030E-01 }	5.140E-03 { 5.610E-02 }	3.370E-01 { 2.110E-01 }	6.741E-01 { 2.981E-01 }
12/21/1994	2	5.900E-02 { 4.580E-02 }	1.660E+02 { 1.850E+01 }	3.690E-01 { 1.430E-01 }	6.190E-03 { 4.540E-02 }	3.290E-01 { 1.270E-01 }	7.042E-01 { 1.966E-01 }
MEAN		7.715E-02	8.683E+01	2.960E-01	2.984E-02	2.458E-01	5.716E-01
MINIMUM		5.900E-02	3.910E+01	2.190E-01	5.140E-03	1.410E-01	4.030E-01
MAXIMUM		9.580E-02	1.660E+02	3.690E-01	1.000E-01	3.370E-01	7.042E-01
2STD. ERR		1.543E-02	5.730E+01	6.728E-02	4.679E-02	1.018E-01	1.425E-01

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty which includes the 2 sigma counting error and analytical error

{ } - Total Propagated Analytical Uncertainty.

NR - No result reported.

nra - Not routinely analyzed or analyzed on a less frequent basis

- 1 U-234 U-ISOTOPIC FRACTION LOST AT LAB. RETRIEVED SAMPLES FROM DATACHEM AND SUBMITTED TO IT ON 4/3/95.
- U-235 U-ISOTOPIC FRACTION LOST AT LAB. RETRIEVED SAMPLES FROM DATACHEM AND SUBMITTED TO IT ON 4/3/95.
- U-238 U-ISOTOPIC FRACTION LOST AT LAB. RETRIEVED SAMPLES FROM DATACHEM AND SUBMITTED TO IT ON 4/3/95.
- 2 U-234 U-ISOTOPIC FRACTION LOST AT LAB. RETRIEVED SAMPLES FROM DATACHEM AND SUBMITTED TO IT ON 4/3/95.
- U-235 U-ISOTOPIC FRACTION LOST AT LAB. RETRIEVED SAMPLES FROM DATACHEM AND SUBMITTED TO IT ON 4/3/95.
- U-238 U-ISOTOPIC FRACTION LOST AT LAB. RETRIEVED SAMPLES FROM DATACHEM AND SUBMITTED TO IT ON 4/3/95.

2103 RICHLAND PUMPHOUSE-2 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	SR-90 PCI/L	LO TRITIUM PCI/L	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UIISO TOTAL PCI/L
03/31/1994		8.280E-02	4.360E+01	2.610E-01	1.030E-02	2.160E-01	4.873E-01
		{ 3.980E-02 }	{ 8.990E+00 }	{ 5.150E-02 }	{ 9.470E-03 }	{ 4.570E-02 }	{ 6.950E-02 }
07/01/1994		6.660E-02	3.880E+01	2.410E-01	1.630E-02	1.630E-01	4.203E-01
		{ 4.070E-02 }	{ 8.860E+00 }	{ 5.130E-02 }	{ 1.190E-02 }	{ 4.080E-02 }	{ 6.662E-02 }
08/26/1994		1.020E-01	7.370E+01	1.670E-01	5.370E-03	1.810E-01	3.534E-01
		{ 4.850E-02 }	{ 1.170E+01 }	{ 9.900E-02 }	{ 2.400E-02 }	{ 9.850E-02 }	{ 1.417E-01 }
12/21/1994	1	7.330E-02	1.390E+02	2.700E-01	5.810E-03	1.820E-01	4.578E-01
		{ 4.700E-02 }	{ 1.660E+01 }	{ 8.240E-02 }	{ 2.150E-02 }	{ 6.670E-02 }	{ 1.082E-01 }
MEAN		8.118E-02	7.378E+01	2.348E-01	9.445E-03	1.855E-01	4.297E-01
MINIMUM		6.660E-02	3.880E+01	1.670E-01	5.370E-03	1.630E-01	3.534E-01
MAXIMUM		1.020E-01	1.390E+02	2.700E-01	1.630E-02	2.160E-01	4.873E-01
2STD. ERR		1.539E-02	4.615E+01	4.676E-02	5.084E-03	2.213E-02	5.780E-02

2104 RICHLAND PUMPHOUSE-3 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	SR-90 PCI/L	LO TRITIUM PCI/L	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UIISO TOTAL PCI/L
03/31/1994		9.440E-02	4.250E+01	2.360E-01	4.980E-02	1.860E-01	4.718E-01
		{ 4.160E-02 }	{ 8.910E+00 }	{ 4.920E-02 }	{ 2.020E-02 }	{ 4.210E-02 }	{ 6.783E-02 }
07/01/1994		7.560E-02	3.710E+01	2.470E-01	1.400E-02	1.660E-01	4.270E-01
		{ 4.210E-02 }	{ 8.700E+00 }	{ 5.270E-02 }	{ 1.170E-02 }	{ 4.180E-02 }	{ 6.828E-02 }
08/26/1994		1.190E-01	4.120E+01	2.260E-01	< -5.990E-03	1.500E-01	3.700E-01
		{ 4.900E-02 }	{ 9.260E+00 }	{ 7.350E-02 }	{ 1.260E-02 }	{ 5.840E-02 }	{ 9.472E-02 }
12/21/1994	2	9.860E-02	8.200E+01	2.390E-01	< -2.710E-03	1.940E-01	4.303E-01
		{ 4.690E-02 }	{ 1.190E+01 }	{ 7.830E-02 }	{ 1.800E-02 }	{ 6.790E-02 }	{ 1.052E-01 }
MEAN		9.690E-02	5.070E+01	2.370E-01	1.378E-02	1.740E-01	4.248E-01
MINIMUM		7.560E-02	3.710E+01	2.260E-01	< -5.990E-03	1.500E-01	3.700E-01
MAXIMUM		1.190E-01	8.200E+01	2.470E-01	4.980E-02	1.940E-01	4.718E-01
2STD. ERR		1.781E-02	2.099E+01	8.679E-03	2.556E-02	1.987E-02	4.182E-02

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error

{ } - Total Propagated Analytical Uncertainty.

NR - No result reported.

nra - Not routinely analyzed or analyzed on a less frequent basis

- 1 U-234 U-ISOTOPIC FRACTION LOST AT LAB. RETRIEVED SAMPLES FROM DATACHEM AND SUBMITTED TO IT ON 4/3/95.
- U-235 U-ISOTOPIC FRACTION LOST AT LAB. RETRIEVED SAMPLES FROM DATACHEM AND SUBMITTED TO IT ON 4/3/95.
- U-238 U-ISOTOPIC FRACTION LOST AT LAB. RETRIEVED SAMPLES FROM DATACHEM AND SUBMITTED TO IT ON 4/3/95.
- 2 U-234 U-ISOTOPIC FRACTION LOST AT LAB. RETRIEVED SAMPLES FROM DATACHEM AND SUBMITTED TO IT ON 4/3/95.
- U-235 U-ISOTOPIC FRACTION LOST AT LAB. RETRIEVED SAMPLES FROM DATACHEM AND SUBMITTED TO IT ON 4/3/95.
- U-238 U-ISOTOPIC FRACTION LOST AT LAB. RETRIEVED SAMPLES FROM DATACHEM AND SUBMITTED TO IT ON 4/3/95.

2105 RICHLAND PUMPHOUSE-4 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	SR-90 PCI/L	LO TRITIUM PCI/L	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UISO TOTAL PCI/L
03/31/1994		1.030E-01	3.840E+01	2.440E-01	1.750E-02	2.010E-01	4.625E-01
		{ 4.280E-02}	{ 8.530E+00}	{ 4.930E-02}	{ 1.240E-02}	{ 4.350E-02}	{ 6.691E-02}
07/01/1994		8.570E-02	3.640E+01	2.700E-01	5.510E-03	1.630E-01	4.385E-01
		{ 4.490E-02}	{ 8.730E+00}	{ 5.790E-02}	{ 7.940E-03}	{ 4.330E-02}	{ 7.274E-02}
08/26/1994		8.330E-02	3.400E+01	2.310E-01	< -2.450E-03	1.210E-01	3.496E-01
		{ 3.990E-02}	{ 8.710E+00}	{ 1.050E-01}	{ 5.620E-02}	{ 1.010E-01}	{ 1.562E-01}
12/21/1994	1	8.790E-02	6.620E+01	2.600E-01	1.310E-02	1.840E-01	4.571E-01
		{ 4.630E-02}	{ 1.070E+01}	{ 7.930E-02}	{ 2.190E-02}	{ 6.480E-02}	{ 1.047E-01}
MEAN		8.998E-02	4.375E+01	2.513E-01	8.415E-03	1.673E-01	4.269E-01
MINIMUM		8.330E-02	3.400E+01	2.310E-01	< -2.450E-03	1.210E-01	3.496E-01
MAXIMUM		1.030E-01	6.620E+01	2.700E-01	1.750E-02	2.010E-01	4.625E-01
2STD. ERR		8.884E-03	1.507E+01	1.723E-02	8.774E-03	3.453E-02	5.259E-02

2106 RICHLAND PUMPHOUSE-5 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	SR-90 PCI/L	LO TRITIUM PCI/L	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UISO TOTAL PCI/L
03/31/1994		8.730E-01	3.930E+01	2.630E-01	2.150E-02	1.880E-01	4.725E-01
		{ 1.870E-01}	{ 8.640E+00}	{ 5.220E-02}	{ 1.380E-02}	{ 4.240E-02}	{ 6.865E-02}
07/01/1994		7.830E-02	3.460E+01	2.510E-01	7.770E-03	2.070E-01	4.658E-01
		{ 4.620E-02}	{ 8.500E+00}	{ 5.870E-02}	{ 1.060E-02}	{ 5.210E-02}	{ 7.920E-02}
08/26/1994		1.080E-01	3.560E+01	2.480E-01	1.030E-02	1.220E-01	3.803E-01
		{ 5.020E-02}	{ 8.880E+00}	{ 8.900E-02}	{ 2.560E-02}	{ 5.960E-02}	{ 1.101E-01}
12/21/1994	2	8.140E-02	6.270E+01	3.100E-01	2.440E-03	1.880E-01	5.004E-01
		{ 4.100E-02}	{ 1.050E+01}	{ 9.400E-02}	{ 2.210E-02}	{ 7.300E-02}	{ 1.211E-01}
MEAN		2.852E-01	4.305E+01	2.680E-01	1.050E-02	1.763E-01	4.548E-01
MINIMUM		7.830E-02	3.460E+01	2.480E-01	2.440E-03	1.220E-01	3.803E-01
MAXIMUM		8.730E-01	6.270E+01	3.100E-01	2.150E-02	2.070E-01	5.004E-01
2STD. ERR		3.921E-01	1.326E+01	2.874E-02	8.030E-03	3.726E-02	5.186E-02

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty which includes the 2 sigma counting error and analytical error

{ } - Total Propagated Analytical Uncertainty.

NR - No result reported.

nra - Not routinely analyzed or analyzed on a less frequent basis

- 1 U-234 U-ISOTOPIC FRACTION LOST AT LAB. RETRIEVED SAMPLES FROM DATACHEM AND SUBMITTED TO IT ON 4/3/95.
- U-235 U-ISOTOPIC FRACTION LOST AT LAB. RETRIEVED SAMPLES FROM DATACHEM AND SUBMITTED TO IT ON 4/3/95.
- U-238 U-ISOTOPIC FRACTION LOST AT LAB. RETRIEVED SAMPLES FROM DATACHEM AND SUBMITTED TO IT ON 4/3/95.
- 2 U-234 U-ISOTOPIC FRACTION LOST AT LAB. RETRIEVED SAMPLES FROM DATACHEM AND SUBMITTED TO IT ON 4/3/95.
- U-235 U-ISOTOPIC FRACTION LOST AT LAB. RETRIEVED SAMPLES FROM DATACHEM AND SUBMITTED TO IT ON 4/3/95.
- U-238 U-ISOTOPIC FRACTION LOST AT LAB. RETRIEVED SAMPLES FROM DATACHEM AND SUBMITTED TO IT ON 4/3/95.

2107 RICHLAND PUMPHOUSE-6 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	SR-90 PCI/L	LO TRITIUM PCI/L	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UIISO TOTAL PCI/L
03/31/1994		1.110E-01 { 4.380E-02 }	4.070E+01 { 8.690E+00 }	2.480E-01 { 5.240E-02 }	1.790E-02 { 1.340E-02 }	2.640E-01 { 5.340E-02 }	5.299E-01 { 7.601E-02 }
07/01/1994		8.520E-02 { 4.180E-02 }	3.390E+01 { 8.420E+00 }	2.170E-01 { 5.880E-02 }	1.410E-02 { 1.540E-02 }	1.670E-01 { 5.050E-02 }	3.981E-01 { 7.902E-02 }
08/26/1994		8.600E-02 { 4.470E-02 }	3.140E+01 { 8.530E+00 }	2.110E-01 { 7.570E-02 }	9.250E-03 { 2.320E-02 }	1.510E-01 { 6.400E-02 }	3.713E-01 { 1.018E-01 }
12/21/1994	1	9.910E-02 { 4.420E-02 }	6.140E+01 { 1.040E+01 }	3.110E-01 { 1.010E-01 }	< -2.260E-02 { 1.860E-02 }	2.750E-01 { 9.170E-02 }	5.634E-01 { 1.377E-01 }
MEAN		9.533E-02	4.185E+01	2.468E-01	4.663E-03	2.143E-01	4.657E-01
MINIMUM		8.520E-02	3.140E+01	2.110E-01	< -2.260E-02	1.510E-01	3.713E-01
MAXIMUM		1.110E-01	6.140E+01	3.110E-01	1.790E-02	2.750E-01	5.634E-01
2STD. ERR		1.224E-02	1.361E+01	4.580E-02	1.852E-02	6.429E-02	9.514E-02

2108 RICHLAND PUMPHOUSE-7 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	SR-90 PCI/L	LO TRITIUM PCI/L	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UIISO TOTAL PCI/L
03/31/1994		9.620E-02 { 4.290E-02 }	4.890E+01 { 9.350E+00 }	2.750E-01 { 5.340E-02 }	7.290E-02 { 2.440E-02 }	1.430E-01 { 3.670E-02 }	4.909E-01 { 6.924E-02 }
07/01/1994		1.260E-01 { 4.970E-02 }	3.470E+01 { 8.490E+00 }	2.380E-01 { 5.160E-02 }	1.050E-02 { 1.020E-02 }	2.020E-01 { 4.650E-02 }	4.505E-01 { 7.021E-02 }
08/26/1994		1.120E-01 { 4.780E-02 }	3.520E+01 { 8.840E+00 }	2.230E-01 { 7.770E-02 }	< -6.180E-03 { 1.320E-02 }	1.970E-01 { 6.910E-02 }	4.138E-01 { 1.048E-01 }
12/21/1994	2	1.300E-01 { 5.580E-02 }	5.480E+01 { 9.780E+00 }	2.930E-01 { 8.590E-02 }	1.930E-02 { 2.220E-02 }	1.660E-01 { 6.180E-02 }	4.783E-01 { 1.081E-01 }
MEAN		1.161E-01	4.340E+01	2.573E-01	2.413E-02	1.770E-01	4.584E-01
MINIMUM		9.620E-02	3.470E+01	2.230E-01	< -6.180E-03	1.430E-01	4.138E-01
MAXIMUM		1.300E-01	5.480E+01	2.930E-01	7.290E-02	2.020E-01	4.909E-01
2STD. ERR		1.532E-02	1.005E+01	3.234E-02	3.419E-02	2.770E-02	3.417E-02

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty which includes the 2 sigma counting error and analytical error
{ } - Total Propagated Analytical Uncertainty.
NR - No result reported.
nra - Not routinely analyzed or analyzed on a less frequent basis

- 1 U-234 U-ISOTOPIC FRACTION LOST AT LAB. RETRIEVED SAMPLES FROM DATACHEM AND SUBMITTED TO IT ON 4/3/95.
- U-235 U-ISOTOPIC FRACTION LOST AT LAB. RETRIEVED SAMPLES FROM DATACHEM AND SUBMITTED TO IT ON 4/3/95.
- U-238 U-ISOTOPIC FRACTION LOST AT LAB. RETRIEVED SAMPLES FROM DATACHEM AND SUBMITTED TO IT ON 4/3/95.
- 2 U-234 U-ISOTOPIC FRACTION LOST AT LAB. RETRIEVED SAMPLES FROM DATACHEM AND SUBMITTED TO IT ON 4/3/95.
- U-235 U-ISOTOPIC FRACTION LOST AT LAB. RETRIEVED SAMPLES FROM DATACHEM AND SUBMITTED TO IT ON 4/3/95.
- U-238 U-ISOTOPIC FRACTION LOST AT LAB. RETRIEVED SAMPLES FROM DATACHEM AND SUBMITTED TO IT ON 4/3/95.

2109 RICHLAND PUMPHOUSE-8 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	SR-90 PCI/L	LO TRITIUM PCI/L	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UIISO TOTAL PCI/L
03/31/1994		7.750E-02 { 3.760E-02}	4.060E+01 { 8.740E+00}	2.630E-01 { 5.110E-02}	6.520E-03 { 7.800E-03}	1.710E-01 { 3.950E-02}	4.405E-01 { 6.506E-02}
07/01/1994		5.730E-02 { 3.500E-02}	3.610E+01 { 8.550E+00}	2.500E-01 { 5.400E-02}	9.300E-03 { 9.570E-03}	1.690E-01 { 4.300E-02}	4.283E-01 { 6.969E-02}
08/26/1994		7.790E-02 { 4.290E-02}	2.910E+01 { 8.430E+00}	2.170E-01 { 6.950E-02}	8.280E-03 { 1.590E-02}	1.700E-01 { 5.970E-02}	3.953E-01 { 9.299E-02}
12/21/1994	1	9.410E-02 { 4.610E-02}	5.540E+01 { 9.820E+00}	3.500E-01 { 9.600E-02}	4.910E-03 { 1.730E-02}	2.150E-01 { 7.270E-02}	5.699E-01 { 1.217E-01}
MEAN		7.670E-02	4.030E+01	2.700E-01	7.253E-03	1.813E-01	4.585E-01
MINIMUM		5.730E-02	2.910E+01	2.170E-01	4.910E-03	1.690E-01	3.953E-01
MAXIMUM		9.410E-02	5.540E+01	3.500E-01	9.300E-03	2.150E-01	5.699E-01
2STD. ERR		1.507E-02	1.112E+01	5.674E-02	1.938E-03	2.251E-02	7.669E-02

2110 RICHLAND PUMPHOUSE-9 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	SR-90 PCI/L	LO TRITIUM PCI/L	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UIISO TOTAL PCI/L
03/31/1994		9.130E-02 { 4.340E-02}	4.030E+01 { 8.660E+00}	3.000E-01 { 5.540E-02}	3.990E-02 { 1.760E-02}	1.830E-01 { 4.090E-02}	5.229E-01 { 7.108E-02}
07/01/1994		8.630E-02 { 4.150E-02}	3.430E+01 { 8.410E+00}	2.570E-01 { 5.810E-02}	1.440E-02 { 1.300E-02}	2.130E-01 { 5.150E-02}	4.844E-01 { 7.872E-02}
08/26/1994		7.240E-02 { 4.180E-02}	3.000E+01 { 8.680E+00}	2.720E-01 { 8.790E-02}	1.320E-02 { 1.990E-02}	2.060E-01 { 7.510E-02}	4.912E-01 { 1.173E-01}
12/21/1994	2	9.050E-02 { 4.120E-02}	4.280E+01 { 8.940E+00}	3.230E-01 { 8.650E-02}	3.410E-03 { 1.510E-02}	2.580E-01 { 7.460E-02}	5.844E-01 { 1.152E-01}
MEAN		8.513E-02	3.685E+01	2.880E-01	1.773E-02	2.150E-01	5.207E-01
MINIMUM		7.240E-02	3.000E+01	2.570E-01	3.410E-03	1.830E-01	4.844E-01
MAXIMUM		9.130E-02	4.280E+01	3.230E-01	3.990E-02	2.580E-01	5.844E-01
2STD. ERR		8.762E-03	5.795E+00	2.936E-02	1.558E-02	3.140E-02	4.565E-02

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error

{ } - Total Propagated Analytical Uncertainty.

NR - No result reported.

nra - Not routinely analyzed or analyzed on a less frequent basis

- 1 U-234 U-ISOTOPIC FRACTION LOST AT LAB. RETRIEVED SAMPLES FROM DATACHEM AND SUBMITTED TO IT ON 4/3/95.
- U-235 U-ISOTOPIC FRACTION LOST AT LAB. RETRIEVED SAMPLES FROM DATACHEM AND SUBMITTED TO IT ON 4/3/95.
- U-238 U-ISOTOPIC FRACTION LOST AT LAB. RETRIEVED SAMPLES FROM DATACHEM AND SUBMITTED TO IT ON 4/3/95.
- 2 U-234 U-ISOTOPIC FRACTION LOST AT LAB. RETRIEVED SAMPLES FROM DATACHEM AND SUBMITTED TO IT ON 4/3/95.
- U-235 U-ISOTOPIC FRACTION LOST AT LAB. RETRIEVED SAMPLES FROM DATACHEM AND SUBMITTED TO IT ON 4/3/95.
- U-238 U-ISOTOPIC FRACTION LOST AT LAB. RETRIEVED SAMPLES FROM DATACHEM AND SUBMITTED TO IT ON 4/3/95.

2012 VERNITA-1 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	SR-90 PCI/L	LO TRITIUM PCI/L	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UIISO TOTAL PCI/L
03/17/1994		8.950E-02	4.220E+01	2.870E-01	1.830E-02	1.730E-01	4.783E-01
		{ 4.100E-02 }	{ 1.040E+01 }	{ 6.240E-02 }	{ 1.400E-02 }	{ 4.690E-02 }	{ 7.931E-02 }
06/30/1994		9.450E-02	3.230E+01	1.990E-01	9.190E-03	1.570E-01	3.652E-01
		{ 4.340E-02 }	{ 8.320E+00 }	{ 5.230E-02 }	{ 1.210E-02 }	{ 4.550E-02 }	{ 7.037E-02 }
08/25/1994		7.270E-02	3.280E+01	2.230E-01	5.670E-03	1.680E-01	3.967E-01
		{ 3.860E-02 }	{ 8.250E+00 }	{ 4.780E-02 }	{ 7.560E-03 }	{ 4.010E-02 }	{ 6.285E-02 }
12/15/1994		9.820E-02	4.060E+01	2.060E-01	1.560E-02	1.650E-01	3.866E-01
		{ 4.320E-02 }	{ 8.810E+00 }	{ 4.660E-02 }	{ 1.440E-02 }	{ 3.940E-02 }	{ 6.270E-02 }
MEAN		8.873E-02	3.698E+01	2.288E-01	1.219E-02	1.658E-01	4.067E-01
MINIMUM		7.270E-02	3.230E+01	1.990E-01	5.670E-03	1.570E-01	3.652E-01
MAXIMUM		9.820E-02	4.220E+01	2.870E-01	1.830E-02	1.730E-01	4.783E-01
2STD. ERR		1.126E-02	5.155E+00	4.012E-02	5.787E-03	6.702E-03	4.951E-02

2013 VERNITA-2 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	SR-90 PCI/L	LO TRITIUM PCI/L	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UIISO TOTAL PCI/L
03/17/1994		1.100E-01	4.250E+01	2.620E-01	1.650E-02	2.160E-01	4.945E-01
		{ 4.510E-02 }	{ 1.040E+01 }	{ 5.810E-02 }	{ 1.560E-02 }	{ 5.180E-02 }	{ 7.939E-02 }
06/30/1994		9.860E-02	3.450E+01	2.770E-01	4.630E-03	1.520E-01	4.336E-01
		{ 4.480E-02 }	{ 8.460E+00 }	{ 6.980E-02 }	{ 9.780E-03 }	{ 4.970E-02 }	{ 8.624E-02 }
08/25/1994		7.940E-02	3.760E+01	1.630E-01	2.170E-02	1.090E-01	2.937E-01
		{ 4.000E-02 }	{ 8.600E+00 }	{ 6.840E-02 }	{ 2.320E-02 }	{ 5.600E-02 }	{ 9.139E-02 }
12/15/1994		9.140E-02	4.030E+01	2.960E-01	5.040E-02	1.590E-01	5.054E-01
		{ 4.020E-02 }	{ 8.760E+00 }	{ 6.030E-02 }	{ 2.270E-02 }	{ 4.110E-02 }	{ 7.642E-02 }
MEAN		9.485E-02	3.873E+01	2.495E-01	2.331E-02	1.590E-01	4.318E-01
MINIMUM		7.940E-02	3.450E+01	1.630E-01	4.630E-03	1.090E-01	2.937E-01
MAXIMUM		1.100E-01	4.250E+01	2.960E-01	5.040E-02	2.160E-01	5.054E-01
2STD. ERR		1.283E-02	3.457E+00	5.932E-02	1.942E-02	4.396E-02	9.734E-02

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis

2014 VERNITA-3 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	SR-90 PCI/L	LO TRITIUM PCI/L	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UIISO TOTAL PCI/L
03/17/1994	1	NR	NR	NR	NR	NR	nra
06/30/1994		9.260E-02 { 4.440E-02 }	3.360E+01 { 8.370E+00 }	2.030E-01 { 5.310E-02 }	6.740E-03 { 9.350E-03 }	1.980E-01 { 5.190E-02 }	4.077E-01 { 7.484E-02 }
08/25/1994		8.140E-02 { 4.040E-02 }	3.760E+01 { 8.600E+00 }	2.240E-01 { 8.060E-02 }	1.090E-02 { 2.740E-02 }	2.230E-01 { 7.740E-02 }	4.579E-01 { 1.151E-01 }
12/15/1994		7.340E-02 { 4.340E-02 }	3.980E+01 { 8.750E+00 }	1.860E-01 { 4.370E-02 }	2.990E-03 { 8.380E-03 }	1.930E-01 { 4.320E-02 }	3.820E-01 { 6.202E-02 }
MEAN		8.247E-02	3.700E+01	2.043E-01	6.877E-03	2.047E-01	4.159E-01
MINIMUM		7.340E-02	3.360E+01	1.860E-01	2.990E-03	1.930E-01	3.820E-01
MAXIMUM		9.260E-02	3.980E+01	2.240E-01	1.090E-02	2.230E-01	4.579E-01
2STD. ERR		1.114E-02	3.630E+00	2.198E-02	4.569E-03	1.856E-02	4.458E-02

2015 VERNITA-4 (RIVER , RAW GRAB , TRANSECT)

OFF DATE	COM	SR-90 PCI/L	LO TRITIUM PCI/L	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UIISO TOTAL PCI/L
03/17/1994	2	NR	NR	NR	NR	NR	nra
06/30/1994		9.100E-02 { 4.110E-02 }	3.410E+01 { 8.400E+00 }	2.030E-01 { 5.810E-02 }	1.010E-02 { 1.330E-02 }	1.640E-01 { 5.150E-02 }	3.771E-01 { 7.877E-02 }
08/25/1994		9.800E-02 { 4.320E-02 }	3.600E+01 { 8.400E+00 }	2.050E-01 { 4.560E-02 }	7.180E-03 { 8.450E-03 }	1.820E-01 { 4.220E-02 }	3.942E-01 { 6.270E-02 }
12/15/1994		9.550E-02 { 4.580E-02 }	3.730E+01 { 8.580E+00 }	2.250E-01 { 4.810E-02 }	7.250E-03 { 1.170E-02 }	1.660E-01 { 3.960E-02 }	3.983E-01 { 6.339E-02 }
MEAN		9.483E-02	3.580E+01	2.110E-01	8.177E-03	1.707E-01	3.898E-01
MINIMUM		9.100E-02	3.410E+01	2.030E-01	7.180E-03	1.640E-01	3.771E-01
MAXIMUM		9.800E-02	3.730E+01	2.250E-01	1.010E-02	1.820E-01	3.983E-01
2STD. ERR		4.096E-03	1.858E+00	1.405E-02	1.924E-03	1.139E-02	1.296E-02

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis
 1 NO SAMPLE.
 2 NO SAMPLE.

2755 B POND EXTENSION (SURFACE , RAW GRAB , UNFILTERED)

OFF DATE	COM	ALPHA PCI/L	BETA PCI/L	CO-60 PCI/L	CS-134 PCI/L	CS-137 PCI/L	SR-90 PCI/L	TC-99 PCI/L	TRITIUM PCI/L
10/04/1994	1	6.690E-01 { 6.440E-01 }	1.670E+00 { 1.530E+00 }	7.740E-01 { 1.080E+00 }	1.420E-01 { 8.500E-01 }	1.560E-02 { 1.060E+00 }	1.050E-01 { 8.760E-02 }	8.910E-01 { 5.840E-01 }	1.070E+02 { 1.870E+02 }

2132 B POND NORTH SIDE (SURFACE , RAW GRAB , UNFILTERED)

OFF DATE	COM	ALPHA PCI/L	BETA PCI/L	CO-60 PCI/L	CS-134 PCI/L	CS-137 PCI/L	SR-90 PCI/L	TC-99 PCI/L	TRITIUM PCI/L
01/04/1994		8.020E-01 { 7.410E-01 }	3.000E+00 { 2.270E+00 }	5.720E-01 { 9.460E-01 }	< -1.860E-01 { 9.100E-01 }	6.310E-01 { 9.850E-01 }	1.010E-01 { 6.240E-02 }	6.040E-01 { 1.090E+00 }	4.220E+01 { 1.970E+02 }
04/05/1994		5.930E-01 { 7.070E-01 }	2.340E+00 { 2.150E+00 }	< .000E+00 { 1.370E+00 }	< -5.980E-01 { 1.260E+00 }	1.950E+00 { 1.140E+00 }	1.610E-01 { 1.240E-01 }	3.740E-01 { 5.520E-01 }	1.070E+02 { 1.720E+02 }
07/06/1994		2.160E+01 { 6.840E+00 }	4.710E+01 { 6.220E+00 }	< -1.540E+00 { 2.390E+00 }	7.820E-01 { 2.360E+00 }	3.770E+01 { 7.000E+00 }	7.060E-01 { 2.320E-01 }	4.520E+00 { 9.370E-01 }	8.520E+01 { 1.620E+02 }
10/04/1994	2	NR	NR	NR	NR	NR	NR	NR	NR

MEAN		7.665E+00	1.748E+01	-3.227E-01	-6.667E-04	1.343E+01	3.227E-01	1.833E+00	7.813E+01
MINIMUM		5.930E-01	2.340E+00	< -1.540E+00	< -5.980E-01	6.310E-01	1.010E-01	3.740E-01	4.220E+01
MAXIMUM		2.160E+01	4.710E+01	5.720E-01	7.820E-01	3.770E+01	7.060E-01	4.520E+00	1.070E+02
2STD. ERR		1.394E+01	2.962E+01	1.261E+00	8.180E-01	2.428E+01	3.849E-01	2.691E+00	3.807E+01

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis
 1 SAMPLE COLLECTED SOUTHEAST OF B POND.
 2 NO SAMPLE. FUTURE SAMPLE WILL BE COLLECTED AT B POND EXTENSION.

2133 FFTF POND (SURFACE , RAW GRAB , UNFILTERED)

OFF DATE	COM	ALPHA PCI/L	BETA PCI/L	CO-60 PCI/L	CS-134 PCI/L	CS-137 PCI/L	TRITIUM PCI/L
01/04/1994		1.580E+00	1.560E+01	7.520E-01	7.070E-02	3.110E-01	6.530E+03
		{ 1.860E+00 }	{ 3.730E+00 }	{ 1.310E+00 }	{ 9.520E-01 }	{ 1.050E+00 }	{ 6.220E+02 }
04/05/1994		2.360E-01	1.190E+01	3.550E-01	7.770E-01	3.830E-01	5.870E+03
		{ 9.190E-01 }	{ 3.300E+00 }	{ 8.750E-01 }	{ 8.450E-01 }	{ 9.630E-01 }	{ 5.520E+02 }
07/06/1994		4.480E-01	2.200E+01	1.460E+00	1.300E-01	< -6.460E-01	5.050E+03
		{ 1.640E+00 }	{ 4.290E+00 }	{ 1.180E+00 }	{ 1.230E+00 }	{ 1.210E+00 }	{ 4.870E+02 }
10/05/1994	1	7.600E-01	1.330E+01	1.830E-01	3.490E-02	1.160E+00	6.090E+03
		{ 1.120E+00 }	{ 2.700E+00 }	{ 1.120E+00 }	{ 1.000E+00 }	{ 9.570E-01 }	{ 5.800E+02 }
MEAN		7.560E-01	1.570E+01	6.875E-01	2.532E-01	3.020E-01	5.885E+03
MINIMUM		2.360E-01	1.190E+01	1.830E-01	3.490E-02	< -6.460E-01	5.050E+03
MAXIMUM		1.580E+00	2.200E+01	1.460E+00	7.770E-01	1.160E+00	6.530E+03
2STD. ERR		5.900E-01	4.468E+00	5.674E-01	3.514E-01	7.397E-01	6.206E+02

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis
 1 SAMPLE TAKEN AT END OF PIPE GOING INTO FFTF POND.

2131 WEST LAKE (SURFACE , RAW GRAB , UNFILTERED)

OFF DATE	COM	ALPHA PCI/L	BETA PCI/L	CO-60 PCI/L	CS-134 PCI/L	CS-137 PCI/L	SR-90 PCI/L	TC-99 PCI/L	TRITIUM PCI/L
01/04/1994		2.020E+02	2.830E+02	3.660E+00	7.210E-01	6.700E-01	4.690E-01	1.980E+00	2.050E+02
		{ 1.090E+02 }	{ 5.670E+01 }	{ 2.060E+00 }	{ 1.990E+00 }	{ 1.890E+00 }	{ 1.950E-01 }	{ 1.200E+00 }	{ 2.060E+02 }
04/05/1994	1	3.160E+02	4.020E+02	< -2.180E-01	9.660E-03	1.060E-01	< -6.870E-02	6.990E+01	2.150E+02
		{ 1.590E+02 }	{ 8.250E+01 }	{ 1.510E+00 }	{ 1.460E+00 }	{ 1.560E+00 }	{ 7.800E-02 }	{ 7.980E+00 }	{ 1.780E+02 }
07/06/1994	2	2.650E+03	3.000E+03	< -1.200E+00	< -1.190E+00	1.280E+00	NR	1.170E+01	1.230E+02
		{ 1.310E+03 }	{ 7.330E+02 }	{ 1.590E+00 }	{ 1.590E+00 }	{ 1.480E+00 }	{ NR }	{ 1.680E+00 }	{ 1.640E+02 }
10/04/1994	3	NR	NR	NR	NR	NR	NR	NR	NR
MEAN		1.056E+03	1.228E+03	7.473E-01	-1.531E-01	6.853E-01	2.004E-01	2.786E+01	1.810E+02
MINIMUM		2.020E+02	2.830E+02	< -1.200E+00	< -1.190E+00	1.060E-01	< -6.870E-02	1.980E+00	1.230E+02
MAXIMUM		2.650E+03	3.000E+03	3.660E+00	7.210E-01	1.280E+00	4.690E-01	6.990E+01	2.150E+02
2STD. ERR		1.595E+03	1.773E+03	2.967E+00	1.115E+00	6.780E-01	5.377E-01	4.241E+01	5.829E+01

2131 WEST LAKE (SURFACE , RAW GRAB , UNFILTERED)

OFF DATE	COM	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UIISO TOTAL PCI/L
01/04/1994		1.460E+02	3.380E+00	1.330E+02	2.824E+02
		{ 2.310E+01 }	{ 2.210E+00 }	{ 2.150E+01 }	{ 3.163E+01 }
04/05/1994	1	1.440E+02	6.550E+00	1.250E+02	2.755E+02
		{ 1.550E+01 }	{ 1.600E+00 }	{ 1.360E+01 }	{ 2.068E+01 }
07/06/1994	2	1.000E+03	3.670E+01	9.480E+02	1.984E+03
		{ 1.020E+02 }	{ 6.960E+00 }	{ 9.700E+01 }	{ 1.409E+02 }
10/04/1994	3	NR	NR	NR	NR
MEAN		4.300E+02	1.554E+01	4.020E+02	8.473E+02
MINIMUM		1.440E+02	3.380E+00	1.250E+02	2.755E+02
MAXIMUM		1.000E+03	3.670E+01	9.480E+02	1.984E+03
2STD. ERR		5.700E+02	2.124E+01	5.460E+02	9.844E+02

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis
 1 WATER LEVEL LOW AND DISCOLORED.
 2 SR-90 RESULT LOST AT LAB.
 REFER TO FOLLOW-UP ANALYSIS ORDER #W017, GAMMA SCAN MODIFIED.
 3 NO SAMPLE. POND DIDN'T HAVE ENOUGH WATER.

2117 100 N SPRING 8-13 (SURFACE , RAW GRAB , UNFILTERED)

OFF DATE	COM	ALPHA PCI/L	BETA PCI/L	CO-60 PCI/L	CS-134 PCI/L	CS-137 PCI/L	SR-90 PCI/L	TC-99 PCI/L	TRITIUM PCI/L
09/26/1994		8.070E+00 { 3.330E+00}	8.790E+00 { 2.260E+00}	6.980E-01 { 2.510E+00}	< -1.540E-01 { 1.880E+00}	< -1.310E+00 { 2.090E+00}	1.290E-01 { 1.070E-01}	2.420E+00 { 7.200E-01}	3.090E+04 { 2.380E+03}

2117 100 N SPRING 8-13 (SURFACE , RAW GRAB , UNFILTERED)

OFF DATE	COM	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UIISO TOTAL PCI/L
09/26/1994		1.350E+00 { 1.890E-01}	4.050E-02 { 2.200E-02}	1.080E+00 { 1.580E-01}	2.471E+00 { 2.473E-01}

2112 100-B SPRING (SURFACE , RAW GRAB , UNFILTERED)

OFF DATE	COM	ALPHA PCI/L	BETA PCI/L	CO-60 PCI/L	CS-134 PCI/L	CS-137 PCI/L	SR-90 PCI/L	TC-99 PCI/L	TRITIUM PCI/L
08/22/1994		1.780E+00 { 1.160E+00}	1.060E+01 { 2.500E+00}	1.000E+00 { 1.040E+00}	5.320E-01 { 9.030E-01}	3.990E-01 { 1.050E+00}	< -1.110E-01 { 1.260E-01}	1.000E+01 { 1.500E+00}	1.390E+04 { 1.140E+03}

2112 100-B SPRING (SURFACE , RAW GRAB , UNFILTERED)

OFF DATE	COM	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UIISO TOTAL PCI/L
08/22/1994		7.670E-01 { 1.120E-01}	2.470E-02 { 1.680E-02}	7.800E-01 { 1.130E-01}	1.572E+00 { 1.600E-01}

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis

2113 100-B SPRING (SURFACE , RAW GRAB , UNFILTERED)

OFF DATE	COM	ALPHA PCI/L	BETA PCI/L	CO-60 PCI/L	CS-134 PCI/L	CS-137 PCI/L	SR-90 PCI/L	TC-99 PCI/L	TRITIUM PCI/L
09/12/1994		1.440E+00 { 1.100E+00 }	3.810E+01 { 4.600E+00 }	9.370E-01 { 1.380E+00 }	< -2.570E-01 { 1.130E+00 }	< -1.450E+00 { 1.230E+00 }	2.700E-02 { 1.120E-01 }	1.020E+01 { 1.500E+00 }	1.430E+04 { 1.190E+03 }

2113 100-B SPRING (SURFACE , RAW GRAB , UNFILTERED)

OFF DATE	COM	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UIISO TOTAL PCI/L
09/12/1994		8.480E-01 { 1.330E-01 }	3.880E-02 { 2.130E-02 }	7.590E-01 { 1.220E-01 }	1.646E+00 { 1.817E-01 }

2120 100-D SPRING (SURFACE , RAW GRAB , UNFILTERED)

OFF DATE	COM	ALPHA PCI/L	BETA PCI/L	CO-60 PCI/L	CS-134 PCI/L	CS-137 PCI/L	SR-90 PCI/L	TC-99 PCI/L	TRITIUM PCI/L
08/22/1994		2.540E+00 { 1.500E+00 }	1.750E+01 { 3.050E+00 }	8.920E-01 { 7.340E-01 }	3.120E-01 { 9.620E-01 }	1.180E+00 { 1.040E+00 }	7.000E+00 { 1.410E+00 }	2.990E-02 { 5.270E-01 }	8.010E+03 { 7.180E+02 }

2120 100-D SPRING (SURFACE , RAW GRAB , UNFILTERED)

OFF DATE	COM	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UIISO TOTAL PCI/L
08/22/1994		7.470E-01 { 1.100E-01 }	2.800E-02 { 1.700E-02 }	6.140E-01 { 9.570E-02 }	1.389E+00 { 1.468E-01 }

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis

2121 100-D SPRING (SURFACE , RAW GRAB , UNFILTERED)

OFF DATE	COM	ALPHA PCI/L	BETA PCI/L	CO-60 PCI/L	CS-134 PCI/L	CS-137 PCI/L	SR-90 PCI/L	TC-99 PCI/L	TRITIUM PCI/L
09/26/1994		2.900E+00 { 1.910E+00}	2.080E+01 { 3.330E+00}	1.420E+00 { 1.970E+00}	1.390E-01 { 1.650E+00}	< .000E+00 { 2.120E+00}	9.410E+00 { 1.780E+00}	< -4.350E-02 { 5.100E-01}	1.250E+04 { 1.040E+03}

2121 100-D SPRING (SURFACE , RAW GRAB , UNFILTERED)

OFF DATE	COM	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UIISO TOTAL PCI/L
09/26/1994		1.030E+00 { 1.440E-01}	3.170E-02 { 1.720E-02}	8.580E-01 { 1.240E-01}	1.920E+00 { 1.908E-01}

2125 100-F SPRING (SURFACE , RAW GRAB , UNFILTERED)

OFF DATE	COM	ALPHA PCI/L	BETA PCI/L	CO-60 PCI/L	CS-134 PCI/L	CS-137 PCI/L	SR-90 PCI/L	TC-99 PCI/L	TRITIUM PCI/L
09/26/1994		2.610E+00 { 1.400E+00}	2.040E+00 { 1.630E+00}	9.640E-01 { 1.790E+00}	< -1.590E+00 { 1.900E+00}	6.310E-01 { 1.770E+00}	9.860E-02 { 9.060E-02}	< -3.030E-02 { 6.290E-01}	6.230E+02 { 2.150E+02}

2125 100-F SPRING (SURFACE , RAW GRAB , UNFILTERED)

OFF DATE	COM	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UIISO TOTAL PCI/L
09/26/1994		2.570E+00 { 3.470E-01}	7.330E-02 { 3.950E-02}	1.980E+00 { 2.810E-01}	4.623E+00 { 4.483E-01}

- < - Result less than the 2 sigma Total Propagated Analytical Uncertainty which includes the 2 sigma counting error and analytical error
- { } - Total Propagated Analytical Uncertainty.
- NR - No result reported.
- nra - Not routinely analyzed or analyzed on a less frequent basis

2122 100-H SPRING (SURFACE , RAW GRAB , UNFILTERED)

OFF DATE	COM	ALPHA PCI/L	BETA PCI/L	CO-60 PCI/L	CS-134 PCI/L	CS-137 PCI/L	SR-90 PCI/L	TC-99 PCI/L	TRITIUM PCI/L
08/25/1994		4.590E+00 { 1.930E+00}	4.990E+01 { 5.590E+00}	< -2.320E-01 { 1.130E+00}	4.730E-01 { 1.120E+00}	1.880E+00 { 1.350E+00}	1.250E+01 { 2.470E+00}	4.370E+01 { 5.140E+00}	6.910E+02 { 2.210E+02}

2122 100-H SPRING (SURFACE , RAW GRAB , UNFILTERED)

OFF DATE	COM	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UISO TOTAL PCI/L
08/25/1994		2.920E+00 { 3.280E-01}	8.780E-02 { 3.000E-02}	2.210E+00 { 2.580E-01}	5.218E+00 { 4.184E-01}

2123 100-H SPRING (SURFACE , RAW GRAB , UNFILTERED)

OFF DATE	COM	ALPHA PCI/L	BETA PCI/L	CO-60 PCI/L	CS-134 PCI/L	CS-137 PCI/L	SR-90 PCI/L	TC-99 PCI/L	TRITIUM PCI/L
09/26/1994		4.400E+00 { 1.910E+00}	6.910E+01 { 7.050E+00}	4.600E-01 { 2.490E+00}	2.590E-01 { 2.460E+00}	2.140E+00 { 2.800E+00}	2.520E+01 { 4.500E+00}	6.230E+01 { 7.150E+00}	1.150E+03 { 2.510E+02}

2123 100-H SPRING (SURFACE , RAW GRAB , UNFILTERED)

OFF DATE	COM	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UISO TOTAL PCI/L
09/26/1994		4.140E+00 { 5.870E-01}	1.700E-01 { 6.010E-02}	4.040E+00 { 5.730E-01}	8.350E+00 { 8.225E-01}

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis

2128 300 AREA SPRING 42-2 (SURFACE , RAW GRAB , UNFILTERED)

OFF DATE	COM	ALPHA PCI/L	BETA PCI/L	CO-60 PCI/L	CS-134 PCI/L	CS-137 PCI/L	SR-90 PCI/L	TC-99 PCI/L	TRITIUM PCI/L
08/29/1994		1.100E+02 { 2.120E+01}	1.620E+01 { 2.990E+00}	6.620E+00 { 3.880E+00}	2.820E+00 { 3.750E+00}	< -1.780E+00 { 3.320E+00}	1.360E-02 { 4.960E-01}	1.300E+00 { 6.090E-01}	1.020E+04 { 8.780E+02}

2128 300 AREA SPRING 42-2 (SURFACE , RAW GRAB , UNFILTERED)

OFF DATE	COM	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UIISO TOTAL PCI/L
08/29/1994		5.860E+01 { 6.800E+00}	3.880E+00 { 5.430E-01}	5.090E+01 { 5.920E+00}	1.134E+02 { 9.032E+00}

2129 300 AREA SPRING 42-2 (SURFACE , RAW GRAB , UNFILTERED)

OFF DATE	COM	ALPHA PCI/L	BETA PCI/L	CO-60 PCI/L	CS-134 PCI/L	CS-137 PCI/L	SR-90 PCI/L	TC-99 PCI/L	TRITIUM PCI/L
09/25/1994		9.450E+01 { 1.660E+01}	2.060E+01 { 3.300E+00}	< -2.560E+00 { 2.550E+00}	< -1.320E+00 { 1.800E+00}	< -4.870E-01 { 1.850E+00}	1.980E-01 { 1.070E-01}	1.270E+01 { 2.040E+00}	1.130E+04 { 9.540E+02}

2129 300 AREA SPRING 42-2 (SURFACE , RAW GRAB , UNFILTERED)

OFF DATE	COM	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UIISO TOTAL PCI/L
09/25/1994		3.310E+01 { 3.970E+00}	1.870E+00 { 4.660E-01}	2.580E+01 { 3.170E+00}	6.077E+01 { 5.102E+00}

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis

2126 HANFORD SPRING 28-2 (SURFACE , RAW GRAB , UNFILTERED)

OFF DATE	COM	ALPHA PCI/L	BETA PCI/L	CO-60 PCI/L	CS-134 PCI/L	CS-137 PCI/L	SR-90 PCI/L	TC-99 PCI/L	TRITIUM PCI/L
09/02/1994		3.000E+00 { 1.530E+00}	4.750E+00 { 1.890E+00}	< -1.930E+00 { 4.610E+00}	< -5.340E+00 { 3.970E+00}	< -3.620E+00 { 4.400E+00}	< -3.240E-01 { 3.470E-01}	2.040E+00 { 6.740E-01}	6.340E+03 { 5.990E+02}

2126 HANFORD SPRING 28-2 (SURFACE , RAW GRAB , UNFILTERED)

OFF DATE	COM	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UISO TOTAL PCI/L
09/02/1994		1.280E+00 { 2.310E-01}	6.050E-02 { 4.090E-02}	1.190E+00 { 2.180E-01}	2.531E+00 { 3.202E-01}

2127 HANFORD SPRING 28-2 (SURFACE , RAW GRAB , UNFILTERED)

OFF DATE	COM	ALPHA PCI/L	BETA PCI/L	CO-60 PCI/L	CS-134 PCI/L	CS-137 PCI/L	SR-90 PCI/L	TC-99 PCI/L	TRITIUM PCI/L
09/12/1994		4.880E+00 { 2.170E+00}	7.680E+00 { 2.200E+00}	4.090E+00 { 2.000E+00}	1.030E+00 { 7.750E-01}	2.810E-01 { 1.200E+00}	1.230E-01 { 1.670E-01}	5.440E+01 { 6.290E+00}	1.730E+05 { 1.270E+04}

2127 HANFORD SPRING 28-2 (SURFACE , RAW GRAB , UNFILTERED)

OFF DATE	COM	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L	UISO TOTAL PCI/L
09/12/1994		2.520E+00 { 3.410E-01}	3.700E-02 { 2.640E-02}	1.470E+00 { 2.170E-01}	4.027E+00 { 4.051E-01}

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis

2141 RIVERVIEW CANAL (IRRIGATION , RAW GRAB , UNFILTERED) .

OFF DATE	COM	ALPHA PCI/L	BETA PCI/L	CO-60 PCI/L	EU-154 PCI/L	SR-90 PCI/L	TRITIUM PCI/L	U-234 PCI/L	U-235 PCI/L
06/08/1994		3.170E-01 { 6.150E-01}	2.520E+00 { 2.180E+00}	4.900E-01 { 8.920E-01}	< -3.690E+00 { 3.310E+00}	6.550E-02 { 3.240E-02}	1.270E+02 { 1.970E+02}	2.810E-01 { 5.710E-02}	1.030E-02 { 1.030E-02}
07/07/1994		8.150E-01 { 8.230E-01}	2.300E+00 { 2.170E+00}	5.920E-01 { 5.950E-01}	2.000E+00 { 1.800E+00}	1.030E-01 { 7.370E-02}	2.220E+01 { 1.590E+02}	2.740E+00 { 3.950E-01}	1.170E-01 { 5.540E-02}
08/03/1994		5.750E-01 { 5.530E-01}	4.370E-01 { 1.310E+00}	4.910E-01 { 8.940E-01}	3.460E+00 { 2.220E+00}	8.950E-02 { 3.960E-02}	5.940E+01 { 1.620E+02}	2.510E-01 { 8.120E-02}	1.460E-02 { 1.840E-02}
MEAN		5.690E-01	1.752E+00	5.243E-01	5.900E-01	8.600E-02	6.953E+01	1.091E+00	4.730E-02
MINIMUM		3.170E-01	4.370E-01	4.900E-01	< -3.690E+00	6.550E-02	2.220E+01	2.510E-01	1.030E-02
MAXIMUM		8.150E-01	2.520E+00	5.920E-01	3.460E+00	1.030E-01	1.270E+02	2.740E+00	1.170E-01
2STD. ERR		2.876E-01	1.321E+00	6.767E-02	4.362E+00	2.193E-02	6.135E+01	1.649E+00	6.974E-02

2141 RIVERVIEW CANAL (IRRIGATION , RAW GRAB , UNFILTERED)

OFF DATE	COM	U-238 PCI/L	UIISO TOTAL PCI/L
06/08/1994		2.340E-01 { 5.080E-02}	5.253E-01 { 7.712E-02}
07/07/1994		2.840E+00 { 4.050E-01}	5.697E+00 { 5.684E-01}
08/03/1994		3.060E-01 { 8.980E-02}	5.716E-01 { 1.225E-01}
MEAN		1.127E+00	2.265E+00
MINIMUM		2.340E-01	5.253E-01
MAXIMUM		2.840E+00	5.697E+00
2STD. ERR		1.714E+00	3.432E+00

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis

2140 ALEXANDER FARM (SANITARY , RAW GRAB , UNFILTERED)

OFF DATE	COM	ALPHA PCI/L	BETA PCI/L	CO-60 PCI/L	EU-154 PCI/L	TRITIUM PCI/L	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L
06/08/1994		3.270E+01 { 1.120E+01}	1.690E+01 { 3.840E+00}	< -6.660E-01 { 1.280E+00}	2.000E+00 { 3.500E+00}	6.150E+01 { 1.940E+02}	2.540E+01 { 2.470E+00}	6.140E-01 { 9.310E-02}	1.590E+01 { 1.570E+00}

2140 ALEXANDER FARM (SANITARY , RAW GRAB , UNFILTERED)

OFF DATE	COM	UISO TOTAL PCI/L
06/08/1994		4.191E+01 { 2.928E+00}

2137 MATHEWS CORNER (SANITARY , RAW GRAB , UNFILTERED)

OFF DATE	COM	ALPHA PCI/L	BETA PCI/L	CO-60 PCI/L	EU-154 PCI/L	TRITIUM PCI/L	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L
06/08/1994		8.830E+00 { 3.580E+00}	6.740E+00 { 2.830E+00}	2.060E-01 { 8.020E-01}	1.860E+00 { 1.670E+00}	3.270E+01 { 1.920E+02}	3.170E+00 { 4.340E-01}	8.010E-02 { 4.500E-02}	2.700E+00 { 3.800E-01}

2137 MATHEWS CORNER (SANITARY , RAW GRAB , UNFILTERED)

OFF DATE	COM	UISO TOTAL PCI/L
06/08/1994		5.950E+00 { 5.786E-01}

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis

2136 RINGOLD HATCHERY (SANITARY , RAW GRAB , UNFILTERED)

OFF DATE	COM	ALPHA PCI/L	BETA PCI/L	CO-60 PCI/L	EU-154 PCI/L	TRITIUM PCI/L	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L
06/08/1994		7.310E-01 { 9.940E-01 }	1.090E+01 { 3.250E+00 }	8.880E-01 { 7.310E-01 }	< -1.200E+00 { 2.660E+00 }	< -4.710E+01 { 1.880E+02 }	2.280E-01 { 5.340E-02 }	6.020E-03 { 9.570E-03 }	1.070E-01 { 3.540E-02 }

2136 RINGOLD HATCHERY (SANITARY , RAW GRAB , UNFILTERED)

OFF DATE	COM	UIISO TOTAL PCI/L
06/08/1994		3.410E-01 { 6.478E-02 }

2139 WHITE BLUFFS-DEEP (SANITARY , RAW GRAB , UNFILTERED)

OFF DATE	COM	ALPHA PCI/L	BETA PCI/L	CO-60 PCI/L	EU-154 PCI/L	TRITIUM PCI/L	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L
06/08/1994		6.900E-01 { 1.210E+00 }	1.420E+01 { 3.510E+00 }	< -4.680E-01 { 1.390E+00 }	< -1.150E-01 { 2.800E+00 }	< -8.940E+01 { 1.860E+02 }	1.270E-02 { 1.820E-02 }	4.740E-03 { 9.740E-03 }	3.540E-03 { 1.280E-02 }

2139 WHITE BLUFFS-DEEP (SANITARY , RAW GRAB , UNFILTERED)

OFF DATE	COM	UIISO TOTAL PCI/L
06/08/1994		2.098E-02 { 2.429E-02 }

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis

2138 WHITE BLUFFS-SHALLOW (SANITARY , RAW GRAB , UNFILTERED)

OFF DATE	COM	ALPHA PCI/L	BETA PCI/L	CO-60 PCI/L	EU-154 PCI/L	TRITIUM PCI/L	U-234 PCI/L	U-235 PCI/L	U-238 PCI/L
06/08/1994		1.790E+01 { 5.690E+00}	5.780E+00 { 2.770E+00}	< -4.000E-01 { 1.070E+00}	8.130E-01 { 3.250E+00}	1.360E+02 { 1.970E+02}	1.190E+01 { 1.190E+00}	4.900E-01 { 8.030E-02}	1.160E+01 { 1.160E+00}

2138 WHITE BLUFFS-SHALLOW (SANITARY , RAW GRAB , UNFILTERED)

OFF DATE	COM	UISO TOTAL PCI/L
06/08/1994		2.399E+01 { 1.664E+00}

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis

Table W-1. USGS Columbia River Water Quality Data for Vernita Bridge Near Priest Rapids Dam, Washington

<u>Date</u>	<u>Oxygen, Dissolved (mg/L)</u>	<u>Turbidity (NTU)</u>	<u>pH (Standard Units)</u>	<u>Coliform, Fecal (Col/100 ml)^(a)</u>	<u>Suspended Solids (mg/L)</u>	<u>Dissolved Solids, Residue @ 180°C (mg/L)</u>	<u>Specific Conductance (uS/cm)</u>	<u>Hardness, Total (mg/L as CaCO₃)</u>
3/15/94	13.8	0.30	8.3	K2	2	85	144	77
5/25/94	12.6	0.50	8.4	K2	3	77	141	62
7/7/94	13.0	0.30	8.4	K15	2	83	128	56
8/30/94	9.7	0.80	8.4	K8	3	75	132	59
12/6/94	10.8	0.50	8.1	K1	-	70	135	65

<u>Date</u>	<u>Phosphorous, Total (mg/L as P)</u>	<u>Chromium, Dissolved (ug/L)</u>	<u>Carbon, Organic Dissolved (mg/L)</u>	<u>Iron, Dissolved (mg/L)</u>	<u>Nitrogen, Total Kjeldahl (mg/L as N)</u>	<u>Nitrogen, Ammonia, Dissolved (mg/L as N)</u>	<u>Nitrogen, Nitrate+Nitrite, Dissolved (mg/L as N)</u>
3/15/94	<0.010	NR ^(b)	1.1	<3	<0.20	0.020	0.110
5/25/94	<0.010	NR	1.7	6	<0.20	<0.010	<0.050
7/7/94	0.070	NR	1.6	-	<0.20	<0.010	<0.050
8/30/94	<0.010	NR	1.3	-	<0.20	<0.010	<0.050
12/6/94	<0.010	NR	2.4	3	0.20	<0.015	0.100

(a) K - Results based on colony count outside the acceptable range.

(b) NR - Not reported

Water:1

Table W-2. USGS Columbia River Water Quality Data for Richland, Washington near the Richland Pumpouse

Date	Oxygen, Dissolved (mg/L)	Turbidity (NTU)	pH (Standard Units)	Coliform, Fecal (Col/100 ml) ^(a)	Suspended Sediment (mg/L)	Dissolved Solids, Residue @ 180 °C (mg/L)	Specific Conductance (uS/cm)	Hardness, Total (mg/L as CaCO ₃)
3/16/94	14.2	0.70	8.2	K9	4	90	165 •	74
5/26/94	13.9	1.0	8.4	K16	5	78	142	63
8/10/94	10.9	0.60	8.4	K4	3	75	132	62
12/7/94	11.1	0.60	8.0	K3	--	77	137	63

Date	Phosphorous, Total (mg/L as P)	Chromium, Dissolved (ug/L)	Carbon, Organic Dissolved (mg/L)	Iron, Dissolved (mg/L)	Nitrogen, Total Kjeldahl (mg/L as N)	Nitrogen, Ammonia, Dissolved (mg/L as N)	Nitrogen, Nitrate + Nitrite, Dissolved (mg/L as N)
3/16/94	<0.010	<1	1.2	4	<0.20	<0.010	0.097
5/26/94	<0.010	<1	1.6	<3	<0.20	<0.010	<0.050
8/10/94	0.010	<1	2.8	5	<0.20	0.020	0.087
12/7/94	0.010	<1	2.5	<3	0.20	<0.015	0.070

(a) K - Results based on colony count outside the acceptable range.

- Laboratory value.

Table W-3. Mean^(a) Concentrations of Volatile Organic Compounds in Transect and Riverbank Spring Samples

<u>Location & Date</u>	<u>Number of Samples</u>	<u>Toluene</u>	<u>Chloroform</u>	<u>THF^(b)</u>	<u>Acetone</u> ug/L	<u>Benzene</u>	<u>TCE^(c)</u>	<u>Methylene Chloride</u>
Columbia River								
<u>Vernita Bridge</u>								
3/17/94	2	0.12	0.17	2.8	21	0.11	0.11	0.077
6/30/94	4	0.12	0.17	2.8	21	0.11	0.11	1.03
8/25/94	4	0.12	0.17	2.8	21	0.11	0.11	0.415
12/15/94	4	0.30	0.18	2.5	6.55	0.24	0.32	1.80
<u>Richland Pumphouse</u>								
3/31/94	10	0.12	0.17	2.8	21	0.11	0.11	0.077
7/01/94	10	0.12	0.17	2.8	21	0.11	0.11	1.07
8/26/94	10	0.12	0.17	2.8	21	0.11	0.11	0.386
12/21/94	10	0.30	0.18	2.5	4.4	0.24	0.32	1.73
<u>100-N Area</u>								
8/25/94	10	0.12	0.17	2.8	21	0.11	0.11	0.349
<u>100-F Area</u>								
8/25/94	10	0.12	0.17	2.8	21	0.11	0.11	0.097
<u>Hanford Townsite</u>								
9/02/94	10	0.12	0.17	2.8	21	0.11	0.11	0.077
<u>300 Area</u>								
8/26/94	10	0.12	0.17	2.8	21	0.11	0.11	0.356
Riverbank Springs								
<u>100-B</u>								
8/22/94	1	<0.12	<0.17	<2.8	<21	<0.11	1.0	0.43
9/12/94	1	<0.12	0.44	9.5	<21	<0.11	1.0	0.49
<u>100-N</u>								
9/26/94	1	<0.3	1.4	<2.5	<4.4	<0.24	<0.32	1.3
<u>100-D</u>								
8/22/94	1	<0.12	3.1	<2.8	<21	<0.11	<0.11	0.49
9/26/94	1	<0.3	4.1	<2.5	<4.4	<0.24	<0.32	1.2
<u>100-H</u>								
8/25/94	1	<0.12	5.4	<2.8	<21	<0.11	<0.11	<0.077
9/26/94	1	<0.3	14	<2.5	<4.4	<0.24	<0.32	1.2
<u>100-F</u>								
9/26/94	1	<0.3	<0.18	<2.5	<4.4	<0.24	<0.32	1.2
<u>Hanford Townsite</u>								
9/02/94	1	<0.12	<0.17	<2.8	<21	<0.11	<0.11	<0.077
9/12/94	1	<0.12	<0.17	<2.8	<21	<0.11	<0.11	0.52
<u>300 Area</u>								
8/29/94	1	<0.12	<0.17	<2.8	<21	<0.11	<0.11	<0.077

(a) Means were calculated using the detection level for all reported results less than the detection level.

(b) THF = tetrahydrofuran

(c) TCE = trichloroethylene

Table W-4. Mean^(a) Metal Concentrations in Columbia River Transects

Location & Date	Number of Samples	Aluminum	Barium	Calcium	Chromium	Copper	Iron ug/L	Magnesium	Manganese	Potassium	Sodium	Zinc
<u>Vernita Bridge</u>												
3/17/94	2	48	32.5	22000	11	2.6	107.0	5250	4.1	950	2600	57
7/01/94	4	75	26.5	17000	11	3.9	65.2	3950	6.0	992	2200	5
8/26/94	4	86	27.0	18000	11	3.1	77.8	4200	8.0	890	2200	6
12/21/94	4	48	29.2	19000	4.72	4.1	45.0	4500	2.9	865	2300	6
<u>Richland Pumpouse</u>												
3/31/94	10	44	30.7	21800	11	2.6	63.1	5300	4.3	804	2480	6
7/01/94	10	123	28.1	17300	11	2.6	98.9	4040	6.1	628	2370	9
8/26/94	10	114	26.7	18300	11	3.8	119.8	4430	10.6	736	2520	4
12/21/94	10	66	30.9	20000	4.5	4.4	56.4	4880	4.2	998	3010	11
<u>100-N Area</u>												
8/25/94	10	67	26.7	17500	13.9	4.3	90.0	4190	8.0	890	2130	7
<u>100-F Area</u>												
8/25/94	10	64	28.3	20000	21.5	4.6	132.0	4540	8.0	1041	3190	7
<u>Hanford Townsite</u>												
9/02/94	10	47	25.6	18000	11	2.7	86.9	4180	7.7	890	2070	14
<u>300 Area</u>												
8/26/94	10	104	26.6	18100	11	2.9	119.0	4470	11.4	953	2620	4.9

(a) Means were calculated using the detection level for all reported results less than the detection level.

Water.4

Table W-5. Metal Concentrations in Columbia River Riverbank Springs

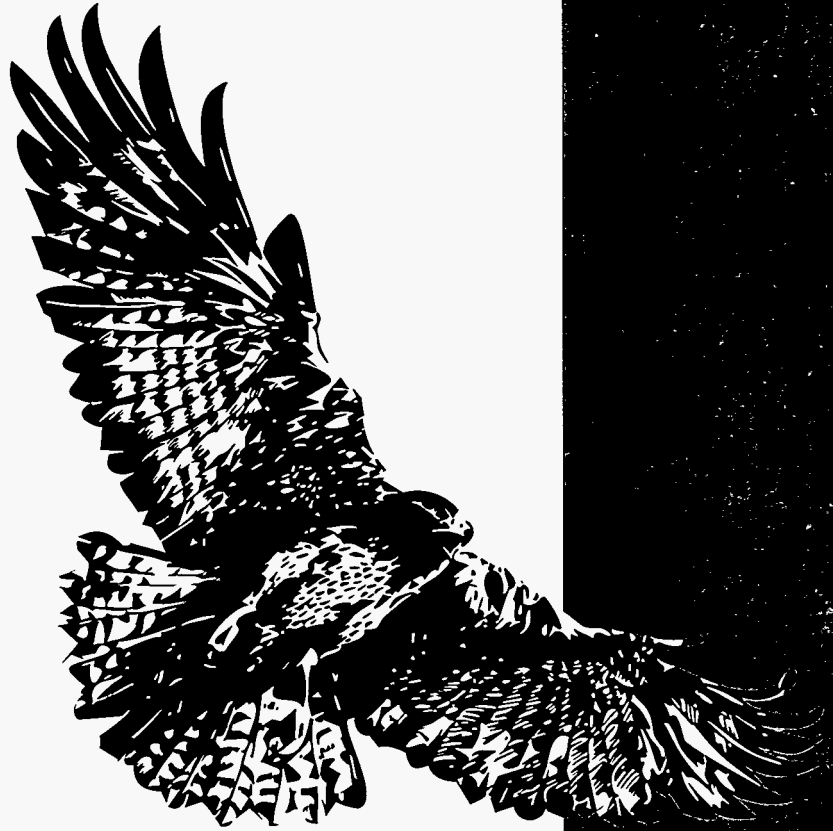
Location & Date	Number of Samples	Aluminum	Barium	Calcium	Chromium	Copper	Iron ug/L	Magnesium	Manganese	Potassium	Sodium	Zinc
<u>100-B</u>												
8/22/94	1	110	56	36000	21	<2.6	140	7900	18	3700	9000	19
9/12/94	1	34	55	39000	25	<2.6	25	8400	1.9	4100	9500	<4.4
<u>100-N</u>												
9/26/94	1	9400	140	32000	45	30	12000	10000	680	3000	8500	460
<u>100-D</u>												
8/22/94	1	96	64	58000	350	6.4	250	11000	7.2	2700	8700	11
9/26/94	1	150	80	71000	400	<4.1	150	13000	13	3300	10000	9.9
<u>100-H</u>												
8/25/94	1	85	27	18000	18	4.7	140	4300	8.7	<890	2100	7
9/26/94	1	27	47	48000	55	<4.1	52	7900	7.6	2700	13000	15
<u>100-F</u>												
9/26/94	1	41	41	41000	6	<4.1	18	8700	3.1	2200	8900	7.3
<u>Hanford Townsite</u>												
9/02/94	1	620	54	30000	<11	5.4	720	6800	82	1800	9800	32
9/12/94	1	750	46	43000	<11	<2.6	1200	13000	44	4700	20000	17
<u>300 Area</u>												
8/29/94	1	960	95	46000	<11	3.5	1200	9600	30	2800	18000	30

Water.5

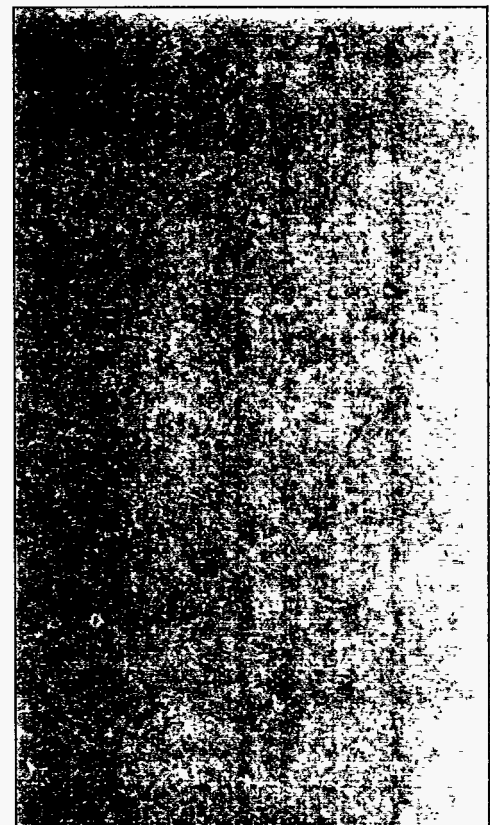
**Table W-6. Mean^(a) Anion Concentrations in Columbia River
Transect and Riverbank Spring Samples**

<u>Location & Date</u>	<u>Number of Samples</u>	<u>Chloride</u>	<u>Nitrate</u>	<u>Sulfate</u>	<u>Fluoride</u>
----- ug/L -----					
Columbia River					
<u>Vernita Bridge</u>					
3/17/94	2	1100	500	12000	200
6/30/94	4	925	100	16500	225
8/25/94	4	1025	124	9200	325
12/15/94	4	975	550	9300	100
<u>Richland Pumphouse</u>					
3/31/94	10	1050	400	11000	310
7/01/94	10	950	150	8720	190
8/26/94	10	1100	198	9570	330
12/21/94	10	1230	790	10600	150
<u>100-N Area</u>					
8/25/94	10	1010	97	9130	310
<u>100-F Area</u>					
8/25/94	10	980	96	9070	310
<u>Hanford Townsite</u>					
9/02/94	10	1030	166	9110	400
<u>300 Area</u>					
8/26/94	10	1130	137	9600	330
Riverbank Springs					
<u>100-B</u>					
8/22/94	1	6900	7700	37000	500
9/12/94	1	6800	7600	36000	500
<u>100-N</u>					
9/26/94	1	10000	15000	26000	600
<u>100-D</u>					
8/22/94	1	20000	33000	74000	500
9/26/94	1	28000	46000	99000	500
<u>100-H</u>					
8/25/94	1	3500	27000	34000	400
9/26/94	1	4800	27000	48000	500
<u>100-F</u>					
9/26/94	1	9400	20000	39000	500
<u>Hanford Townsite</u>					
9/02/94	1	4800	5000	21000	400
9/12/94	1	11000	40000	43000	700
<u>300 Area</u>					
8/29/94	1	15000	22000	49000	600

(a) Means were calculated using the detection level for all reported results less than the detection level.



Thermoluminescent Dosimeters



SURFACE ENVIRONMENTAL SURVEILLANCE DATA REPORT 01/01/1994 TO 01/05/1995

TLD SAMPLES - mR/Day

Page 169

2400 BASIN CITY SCHOOL			2389 BENTON CITY			2399 EDWIN MARKHAM SCHOOL			2382 KENNEWICK-ELY STREET		
OFF DATE	COM	RESULT	OFF DATE	COM	RESULT	OFF DATE	COM	RESULT	OFF DATE	COM	RESULT
03/23/1994		3.220E-01	03/29/1994		2.860E-01	03/23/1994		2.900E-01	03/30/1994		3.420E-01
		{ 2.900E-02}			{ 1.060E-01}			{ 3.800E-02}			{ 1.400E-01}
06/29/1994		2.640E-01	06/21/1994		2.820E-01	06/29/1994		2.730E-01	06/22/1994		2.820E-01
		{ 5.500E-02}			{ 7.300E-02}			{ 7.900E-02}			{ 5.300E-02}
09/21/1994		3.080E-01	09/27/1994		2.630E-01	09/21/1994		3.050E-01	09/28/1994		3.000E-01
		{ 8.100E-02}			{ 6.800E-02}			{ 7.200E-02}			{ 6.800E-02}
12/28/1994		2.340E-01	12/20/1994		2.170E-01	12/28/1994		2.340E-01	12/21/1994		2.390E-01
		{ 3.200E-02}			{ 4.100E-02}			{ 4.400E-02}			{ 3.300E-02}
MEAN		2.820E-01			2.620E-01			2.755E-01			2.908E-01
MINIMUM		2.340E-01			2.170E-01			2.340E-01			2.390E-01
MAXIMUM		3.220E-01			2.860E-01			3.050E-01			3.420E-01
2STD. ERR		4.043E-02			3.163E-02			3.060E-02			4.269E-02

2402 LESLIE GROVES-RCHLND			2413 MATTAWA			2381 PASCO			2387 SUNNYSIDE		
OFF DATE	COM	RESULT	OFF DATE	COM	RESULT	OFF DATE	COM	RESULT	OFF DATE	COM	RESULT
03/23/1994		2.700E-01	03/22/1994		2.870E-01	03/30/1994		3.530E-01	03/29/1994		3.050E-01
		{ 2.000E-02}			{ 7.100E-02}			{ 1.070E-01}			{ 1.230E-01}
06/29/1994		2.430E-01	06/28/1994		2.410E-01	06/22/1994		2.680E-01	06/21/1994		2.710E-01
		{ 4.400E-02}			{ 5.200E-02}			{ 6.400E-02}			{ 4.800E-02}
09/21/1994		3.020E-01	09/20/1994		2.890E-01	09/28/1994		2.990E-01	09/27/1994		2.850E-01
		{ 7.600E-02}			{ 7.600E-02}			{ 7.500E-02}			{ 6.000E-02}
12/28/1994		2.270E-01	12/27/1994		2.360E-01	12/21/1994		8.400E-02	12/20/1994		2.340E-01
		{ 3.000E-02}			{ 4.100E-02}			{ 2.000E-03}			{ 3.400E-02}
MEAN		2.605E-01			2.633E-01			2.510E-01			2.738E-01
MINIMUM		2.270E-01			2.360E-01			8.400E-02			2.340E-01
MAXIMUM		3.020E-01			2.890E-01			3.530E-01			3.050E-01
2STD. ERR		3.287E-02			2.866E-02			1.167E-01			2.995E-02

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.

2388 YAKIMA

2383 100 D AREA

2384 100 K AREA

2385 100 N-WPPSS AREA

OFF DATE	COM	RESULT	OFF DATE	COM	RESULT	OFF DATE	COM	RESULT	OFF DATE	COM	RESULT
03/29/1994		2.790E-01 { 5.200E-02}	03/30/1994		3.290E-01 { 5.000E-02}	03/30/1994		2.560E-01 { 8.300E-02}	03/30/1994	1	3.390E-01 { 3.000E-02}
06/21/1994		2.370E-01 { 2.800E-02}	06/22/1994		2.810E-01 { 3.300E-02}	06/22/1994		2.390E-01 { 4.100E-02}			
09/27/1994		2.710E-01 { 6.700E-02}	09/28/1994		3.100E-01 { 6.900E-02}	09/28/1994		2.730E-01 { 4.300E-02}			
12/20/1994		2.170E-01 { 4.500E-02}	12/21/1994		2.600E-01 { 4.400E-02}	12/21/1994		2.810E-01 { 7.600E-02}			
MEAN		2.510E-01			2.950E-01			2.623E-01			
MINIMUM		2.170E-01			2.600E-01			2.390E-01			
MAXIMUM		2.790E-01			3.290E-01			2.810E-01			
2STD. ERR		2.908E-02			3.056E-02			1.868E-02			

2394 200 ESE

2395 200 TEL. EXCHANGE

2396 200 W SE

2408 300 NE

OFF DATE	COM	RESULT	OFF DATE	COM	RESULT	OFF DATE	COM	RESULT	OFF DATE	COM	RESULT
03/23/1994		3.220E-01 { 5.200E-02}	03/23/1994		2.690E-01 { 5.300E-02}	03/23/1994		2.850E-01 { 9.500E-02}	03/22/1994		3.350E-01 { 9.500E-02}
06/29/1994		2.610E-01 { 3.100E-02}	06/29/1994		2.800E-01 { 5.500E-02}	06/29/1994		2.700E-01 { 5.900E-02}	06/28/1994		2.660E-01 { 4.300E-02}
09/21/1994		3.380E-01 { 1.050E-01}	09/21/1994		3.130E-01 { 4.300E-02}	09/21/1994		3.360E-01 { 1.020E-01}	09/20/1994		3.190E-01 { 7.500E-02}
12/28/1994		2.530E-01 { 3.500E-02}	12/28/1994		2.940E-01 { 5.600E-02}	12/28/1994		2.980E-01 { 7.200E-02}	12/27/1994		2.620E-01 { 3.600E-02}
MEAN		2.935E-01			2.890E-01			2.973E-01			2.955E-01
MINIMUM		2.530E-01			2.690E-01			2.700E-01			2.620E-01
MAXIMUM		3.380E-01			3.130E-01			3.360E-01			3.350E-01
2STD. ERR		4.278E-02			1.899E-02			2.825E-02			3.699E-02

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 1 TLD DISCONTINUED AT THIS LOCATION.

2406 300 SOUTH GATE

2407 300 SOUTHWEST GATE

2403 300 TRENCH

2405 300 WATER INTAKE

OFF DATE	COM	RESULT	OFF DATE	COM	RESULT	OFF DATE	COM	RESULT	OFF DATE	COM	RESULT
03/22/1994	1	2.740E-01 { 3.500E-02}	03/22/1994		2.700E-01 { 6.400E-02}	03/22/1994		3.450E-01 { 7.800E-02}	03/22/1994		2.790E-01 { 4.000E-02}
06/28/1994		2.420E-01 { 2.500E-02}	06/28/1994		2.530E-01 { 3.900E-02}	06/28/1994		2.660E-01 { 4.600E-02}	06/28/1994		2.620E-01 { 4.900E-02}
09/20/1994		3.150E-01 { 9.800E-02}	09/20/1994		3.260E-01 { 8.200E-02}	09/20/1994		3.420E-01 { 1.060E-01}	09/20/1994		3.120E-01 { 9.300E-02}
12/27/1994	2	NR	12/27/1994		2.590E-01 { 2.700E-02}	12/27/1994		2.540E-01 { 2.800E-02}	12/27/1994		2.710E-01 { 5.600E-02}
MEAN		2.770E-01			2.770E-01			3.018E-01			2.810E-01
MINIMUM		2.420E-01			2.530E-01			2.540E-01			2.620E-01
MAXIMUM		3.150E-01			3.260E-01			3.450E-01			3.120E-01
2STD. ERR		4.225E-02			3.342E-02			4.847E-02			2.180E-02

2404 3705 BLDG. 300 AREA

2409 400 E

2410 400 N

2411 400 S

OFF DATE	COM	RESULT	OFF DATE	COM	RESULT	OFF DATE	COM	RESULT	OFF DATE	COM	RESULT
03/22/1994		3.170E-01 { 5.600E-02}	03/22/1994		3.030E-01 { 4.700E-02}	03/22/1994		3.170E-01 { 2.300E-02}	03/22/1994		3.300E-01 { 5.800E-02}
06/28/1994	3	2.470E-01 { 3.700E-02}	06/28/1994		2.420E-01 { 4.300E-02}	06/28/1994	4	2.650E-01 { 5.200E-02}	06/28/1994		2.560E-01 { 4.300E-02}
09/20/1994		3.130E-01 { 7.300E-02}	09/20/1994		3.230E-01 { 8.800E-02}	09/20/1994		3.220E-01 { 1.130E-01}	09/20/1994		3.410E-01 { 1.010E-01}
12/27/1994		2.610E-01 { 6.400E-02}	12/27/1994		2.530E-01 { 1.170E-01}	12/27/1994		2.390E-01 { 3.500E-02}	12/27/1994		2.450E-01 { 3.700E-02}
MEAN		2.845E-01			2.803E-01			2.858E-01			2.930E-01
MINIMUM		2.470E-01			2.420E-01			2.390E-01			2.450E-01
MAXIMUM		3.170E-01			3.230E-01			3.220E-01			3.410E-01
2STD. ERR		3.572E-02			3.895E-02			4.044E-02			4.948E-02

- < - Result less than the 2 sigma Total Propagated Analytical Uncertainty
- { } - Total Propagated Analytical Uncertainty.
- NR - No result reported.
- 1 TLD MOVED ~400 METERS, REFER TO 3/23/94 PROJECT CHANGE FORM.
- 2 NO SAMPLE. COULD NOT LOCATE TLDS.
- 3 ONE OF THE THREE TLDS MISSING.
- 4 ONE OF THE THREE TLDS MISSING.

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2412 400 W			2393 B POND			2392 E OF 200 E			2391 N OF 200 E		
OFF DATE	COM	RESULT	OFF DATE	COM	RESULT	OFF DATE	COM	RESULT	OFF DATE	COM	RESULT
03/22/1994		3.570E-01	03/23/1994		3.530E-01	03/23/1994		3.310E-01	03/23/1994		2.840E-01
		{ 1.260E-01 }			{ 6.100E-02 }			{ 3.800E-02 }			{ 3.200E-02 }
06/28/1994	1	2.680E-01	06/29/1994		2.920E-01	06/29/1994		2.730E-01	06/29/1994		2.900E-01
		{ 5.000E-02 }			{ 4.700E-02 }			{ 4.300E-02 }			{ 7.600E-02 }
09/20/1994		3.340E-01	09/21/1994		3.450E-01	09/21/1994		3.390E-01	09/21/1994		3.560E-01
		{ 1.000E-01 }			{ 6.700E-02 }			{ 9.300E-02 }			{ 8.600E-02 }
12/27/1994		2.540E-01	12/28/1994		3.330E-01	12/28/1994		3.250E-01	12/28/1994		3.100E-01
		{ 3.600E-02 }			{ 4.400E-02 }			{ 5.800E-02 }			{ 5.100E-02 }
MEAN		3.033E-01			3.308E-01			3.170E-01			3.100E-01
MINIMUM		2.540E-01			2.920E-01			2.730E-01			2.840E-01
MAXIMUM		3.570E-01			3.530E-01			3.390E-01			3.560E-01
2STD. ERR		5.001E-02			2.711E-02			2.989E-02			3.262E-02

2390 S OF 200 E			2375 US ECOLOGY NE CORNER			2377 US ECOLOGY NW CORNER			2376 US ECOLOGY SE CORNER		
OFF DATE	COM	RESULT	OFF DATE	COM	RESULT	OFF DATE	COM	RESULT	OFF DATE	COM	RESULT
03/23/1994		3.260E-01	03/25/1994		3.120E-01	03/25/1994		2.870E-01	03/25/1994		3.210E-01
		{ 9.100E-02 }			{ 5.300E-02 }			{ 4.200E-02 }			{ 6.400E-02 }
06/29/1994		2.870E-01	06/24/1994		2.530E-01	06/24/1994		2.500E-01	06/24/1994		2.900E-01
		{ 4.400E-02 }			{ 3.600E-02 }			{ 7.000E-02 }			{ 3.700E-02 }
09/21/1994		3.390E-01	09/29/1994		3.100E-01	09/29/1994		2.820E-01	09/29/1994		3.090E-01
		{ 7.400E-02 }			{ 5.500E-02 }			{ 6.000E-02 }			{ 4.700E-02 }
12/28/1994		3.010E-01	12/29/1994		3.140E-01	12/29/1994		3.430E-01	12/29/1994		3.360E-01
		{ 5.300E-02 }			{ 5.900E-02 }			{ 1.030E-01 }			{ 7.400E-02 }
MEAN		3.133E-01			2.973E-01			2.905E-01			3.140E-01
MINIMUM		2.870E-01			2.530E-01			2.500E-01			2.900E-01
MAXIMUM		3.390E-01			3.140E-01			3.430E-01			3.360E-01
2STD. ERR		2.356E-02			2.955E-02			3.865E-02			1.944E-02

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 1 ALL THREE TLDs ON THE GROUND.

2378 US ECOLOGY SW CORNER 2379 WPPSS 1; S OF WNP 2 2386 WYE BARRICADE 2401 BATTELLE COMPLEX

OFF DATE	COM	RESULT	OFF DATE	COM	RESULT	OFF DATE	COM	RESULT	OFF DATE	COM	RESULT
03/25/1994		5.020E-01	03/25/1994		2.660E-01	03/30/1994		3.590E-01	03/23/1994		3.020E-01
		{ 9.300E-02}			{ 4.200E-02}			{ 8.600E-02}			{ 5.300E-02}
06/24/1994		3.960E-01	06/24/1994		2.580E-01	06/22/1994		2.680E-01	06/29/1994		2.560E-01
		{ 3.400E-02}			{ 2.800E-02}			{ 3.000E-02}			{ 3.800E-02}
09/29/1994		4.570E-01	09/29/1994		3.020E-01	09/28/1994		2.950E-01	09/21/1994		3.220E-01
		{ 7.500E-02}			{ 4.400E-02}			{ 6.300E-02}			{ 8.100E-02}
12/29/1994		4.530E-01	12/29/1994		3.220E-01	12/21/1994		2.490E-01	12/28/1994		2.450E-01
		{ 9.000E-02}			{ 6.100E-02}			{ 3.200E-02}			{ 2.800E-02}
MEAN		4.520E-01			2.870E-01			2.928E-01			2.813E-01
MINIMUM		3.960E-01			2.580E-01			2.490E-01			2.450E-01
MAXIMUM		5.020E-01			3.220E-01			3.590E-01			3.220E-01
2STD. ERR		4.344E-02			3.018E-02			4.803E-02			3.671E-02

2398 BYERS LANDING 2397 RINGOLD MET. TOWER 2380 WPPSS 4; WPS WAREHSE 2374 WPPSS 8; FIR ROAD

OFF DATE	COM	RESULT	OFF DATE	COM	RESULT	OFF DATE	COM	RESULT	OFF DATE	COM	RESULT
03/23/1994		3.520E-01	03/23/1994		3.650E-01	03/25/1994		2.490E-01	03/24/1994		3.290E-01
		{ 7.400E-02}			{ 4.200E-02}			{ 4.700E-02}			{ 5.400E-02}
06/29/1994		2.780E-01	06/29/1994		2.750E-01	06/24/1994		2.340E-01	06/24/1994		3.000E-01
		{ 3.900E-02}			{ 3.100E-02}			{ 4.000E-02}			{ 4.700E-02}
09/21/1994		3.460E-01	09/21/1994		3.700E-01	09/29/1994		2.680E-01	09/29/1994		3.290E-01
		{ 8.200E-02}			{ 9.200E-02}			{ 3.100E-02}			{ 5.200E-02}
12/28/1994		2.730E-01	12/28/1994		3.120E-01	12/29/1994		3.040E-01	12/29/1994		3.290E-01
		{ 4.400E-02}			{ 7.400E-02}			{ 8.000E-02}			{ 5.600E-02}
MEAN		3.123E-01			3.305E-01			2.638E-01			3.218E-01
MINIMUM		2.730E-01			2.750E-01			2.340E-01			3.000E-01
MAXIMUM		3.520E-01			3.700E-01			3.040E-01			3.290E-01
2STD. ERR		4.256E-02			4.536E-02			3.023E-02			1.450E-02

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.

2362 100 F FLOOD PLAIN

2346 100 N TRENCH SPRING

2368 100-D ISLAND

2365 ABOVE 100 B AREA

OFF DATE	COM	RESULT	OFF DATE	COM	RESULT	OFF DATE	COM	RESULT	OFF DATE	COM	RESULT
03/24/1994		3.910E-01 { 1.110E-01}	01/26/1994		5.320E-01 { 1.130E-01}	03/25/1994	5	3.080E-01 { 1.900E-02}	03/25/1994		3.680E-01 { 6.700E-02}
06/24/1994		3.430E-01 { 8.000E-02}	02/23/1994		6.890E-01 { 2.390E-01}	06/24/1994	6	2.570E-01 { 5.600E-02}	06/24/1994		2.710E-01 { 7.600E-02}
09/29/1994	1	3.700E-01 { 7.900E-02}	03/23/1994		7.030E-01 { 1.450E-01}	10/06/1994		2.790E-01 { 5.100E-02}	10/06/1994		3.080E-01 { 5.600E-02}
12/29/1994		3.380E-01 { 4.900E-02}	04/27/1994		6.540E-01 { 1.000E-01}	12/29/1994		2.430E-01 { 3.300E-02}	12/29/1994		2.770E-01 { 4.200E-02}
			05/25/1994		6.790E-01 { 1.770E-01}						
			06/22/1994		8.570E-01 { 2.310E-01}						
			07/26/1994		6.240E-01 { 1.140E-01}						
			08/31/1994		8.440E-01 { 1.370E-01}						
			09/30/1994		6.190E-01 { 1.050E-01}						
			10/26/1994	2	6.820E-01 { 1.690E-01}						
			11/30/1994	3	5.590E-01 { 1.270E-01}						
			01/04/1995	4	6.390E-01 { 2.020E-01}						
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MEAN		3.605E-01			6.734E-01			2.718E-01			3.060E-01
MINIMUM		3.380E-01			5.320E-01			2.430E-01			2.710E-01
MAXIMUM		3.910E-01			8.570E-01			3.080E-01			3.680E-01
2STD. ERR		2.472E-02			5.616E-02			2.835E-02			4.440E-02

- < - Result less than the 2 sigma Total Propagated Analytical Uncertainty
- { } - Total Propagated Analytical Uncertainty.
- NR - No result reported.
- 1 RADIATION SURVEYS NOT PERFORMED.
- 2 BICRON RADIATION SURVEY NOT PERFORMED.
- 3 TLD PICKED UP ON 11/30/94 BUT NOT PLACED BACK IN FIELD TIL 12/7/94 DUE TO CONSTRUCTION IN AREA.
- 4 DIFFICULTY LOCATING TLD, APPARENTLY MOVED SINCE SAMPLING LAST.
- 5 ONE OF THE THREE TLDS MISSING.
- 6 ALL THREE TLDS ON THE GROUND.

2364 ABOVE 1K BOAT RAMP

2345 ABOVE TIP 100N BERM

2367 BELOW 100 D AREA

2373 BELOW 100 F

OFF DATE	COM	RESULT	OFF DATE	COM	RESULT	OFF DATE	COM	RESULT	OFF DATE	COM	RESULT
03/25/1994		3.510E-01 { 5.600E-02}	01/26/1994		3.860E-01 { 1.770E-01}	03/25/1994		3.530E-01 { 3.200E-02}	03/25/1994		3.330E-01 { 1.320E-01}
06/24/1994		2.650E-01 { 4.600E-02}	02/23/1994		4.530E-01 { 1.510E-01}	06/24/1994		3.130E-01 { 6.600E-02}	06/24/1994		2.780E-01 { 7.300E-02}
10/06/1994		3.010E-01 { 7.000E-02}	03/23/1994		4.440E-01 { 1.480E-01}	10/06/1994		2.950E-01 { 2.700E-02}	10/06/1994		2.970E-01 { 5.400E-02}
12/29/1994		2.710E-01 { 3.700E-02}	04/27/1994		4.730E-01 { 1.960E-01}	12/29/1994		2.790E-01 { 5.200E-02}	12/29/1994		2.590E-01 { 4.100E-02}
			05/25/1994		4.160E-01 { 9.400E-02}						
			06/22/1994		6.420E-01 { 2.130E-01}						
			07/26/1994		3.780E-01 { 4.700E-02}						
			08/31/1994		4.850E-01 { 1.360E-01}						
			09/30/1994		3.870E-01 { 7.700E-02}						
			10/26/1994	1	5.670E-01 { 1.840E-01}						
			12/07/1994		3.840E-01 { 4.700E-02}						
			01/04/1995		4.980E-01 { 2.630E-01}						
MEAN		2.970E-01			4.594E-01			3.100E-01			2.918E-01
MINIMUM		2.650E-01			3.780E-01			2.790E-01			2.590E-01
MAXIMUM		3.510E-01			6.420E-01			3.530E-01			3.330E-01
2STD. ERR		3.929E-02			4.682E-02			3.185E-02			3.157E-02

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 () - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 1 BICRON RADIATION SURVEY NOT PERFORMED.

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2366 BELOW 100B RET BASIN 2343 BELOW 100N OUTFALL 2344 BELOW 100N STACK 2369 BELOW OPP 100 D

OFF DATE	COM	RESULT	OFF DATE	COM	RESULT	OFF DATE	COM	RESULT	OFF DATE	COM	RESULT
03/25/1994		4.890E-01	01/26/1994		5.290E-01	01/26/1994		3.280E-01	03/25/1994		3.200E-01
		{ 9.700E-02}			{ 1.600E-01}			{ 7.100E-02}			{ 8.300E-02}
06/24/1994	1	3.450E-01	02/23/1994		5.450E-01	02/23/1994		4.630E-01	06/24/1994	4	2.800E-01
		{ 5.200E-02}			{ 6.700E-02}			{ 1.710E-01}			{ 5.800E-02}
10/06/1994		3.700E-01	03/23/1994		6.350E-01	03/23/1994		4.800E-01	10/06/1994		2.770E-01
		{ 7.000E-02}			{ 1.230E-01}			{ 1.410E-01}			{ 9.800E-02}
12/29/1994		3.430E-01	04/27/1994		5.320E-01	04/27/1994		5.610E-01	12/29/1994		2.640E-01
		{ 3.700E-02}			{ 7.400E-02}			{ 2.840E-01}			{ 4.300E-02}
			05/25/1994		5.500E-01	05/25/1994		4.420E-01			
					{ 9.600E-02}			{ 1.570E-01}			
			06/22/1994		8.250E-01	06/22/1994		6.930E-01			
					{ 2.940E-01}			{ 3.150E-01}			
			07/26/1994		5.270E-01	07/26/1994		4.150E-01			
					{ 1.280E-01}			{ 9.200E-02}			
			08/31/1994		6.320E-01	08/31/1994		5.070E-01			
					{ 1.490E-01}			{ 1.510E-01}			
			09/30/1994		5.900E-01	09/30/1994		4.350E-01			
					{ 1.100E-01}			{ 1.810E-01}			
			10/26/1994	2	6.750E-01	10/26/1994	3	4.990E-01			
					{ 2.740E-01}			{ 2.510E-01}			
			12/07/1994		5.070E-01	12/07/1994		3.740E-01			
					{ 7.700E-02}			{ 6.200E-02}			
			01/04/1995		6.240E-01	01/04/1995		4.860E-01			
					{ 2.790E-01}			{ 2.660E-01}			
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MEAN		3.868E-01			5.976E-01			4.736E-01			2.853E-01
MINIMUM		3.430E-01			5.070E-01			3.280E-01			2.640E-01
MAXIMUM		4.890E-01			8.250E-01			6.930E-01			3.200E-01
2STD. ERR		6.927E-02			5.172E-02			5.362E-02			2.419E-02

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 () - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 1 HIGH WATER
 2 BICRON RADIATION SURVEY NOT PERFORMED.
 3 BICRON RADIATION SURVEY NOT PERFORMED.
 4 ONE OF THE THREE TLDs ON THE GROUND.

2348 HANF POWERLINE KING			2349 HANFORD FERRY LND.			2350 HANFORD RR TRACK			2363 HANFORD SLOUGH		
OFF DATE	COM	RESULT	OFF DATE	COM	RESULT	OFF DATE	COM	RESULT	OFF DATE	COM	RESULT
03/24/1994		3.890E-01 { 9.100E-02}	03/24/1994		2.800E-01 { 5.400E-02}	03/24/1994		4.370E-01 { 1.510E-01}	03/24/1994		3.260E-01 { 1.100E-01}
06/27/1994		2.870E-01 { 6.300E-02}	06/24/1994		2.610E-01 { 6.300E-02}	06/24/1994		3.020E-01 { 3.900E-02}	06/24/1994		3.260E-01 { 4.400E-02}
10/07/1994		3.410E-01 { 6.500E-02}	10/07/1994		2.300E-01 { 4.900E-02}	10/07/1994		3.480E-01 { 7.000E-02}	09/29/1994	1	3.410E-01 { 4.900E-02}
12/30/1994		2.960E-01 { 3.600E-02}	12/30/1994		2.660E-01 { 4.900E-02}	12/30/1994		3.050E-01 { 5.200E-02}	12/29/1994		3.110E-01 { 3.200E-02}
MEAN		3.283E-01			2.593E-01			3.480E-01			3.260E-01
MINIMUM		2.870E-01			2.300E-01			3.020E-01			3.110E-01
MAXIMUM		3.890E-01			2.800E-01			4.370E-01			3.410E-01
2STD. ERR		4.689E-02			2.109E-02			6.294E-02			1.225E-02

2361 ISL DS BATEMAN ISL			2359 ISLAND NEAR 300 AREA			2358 ISLND ABOVE 300 AREA			2370 LO END LOCKE ISL		
OFF DATE	COM	RESULT	OFF DATE	COM	RESULT	OFF DATE	COM	RESULT	OFF DATE	COM	RESULT
03/24/1994		3.920E-01 { 8.400E-02}	03/24/1994		3.490E-01 { 6.900E-02}	03/24/1994		3.690E-01 { 3.900E-02}	03/25/1994		3.840E-01 { 1.050E-01}
06/27/1994		3.120E-01 { 5.400E-02}	06/27/1994	3	3.440E-01 { 9.400E-02}	06/27/1994	4	2.800E-01 { 5.700E-02}	06/24/1994		3.020E-01 { 5.300E-02}
10/07/1994		3.070E-01 { 6.500E-02}	10/07/1994		3.220E-01 { 6.400E-02}	10/07/1994		2.850E-01 { 4.200E-02}	10/06/1994		3.300E-01 { 9.100E-02}
12/30/1994	2	2.980E-01 { 4.500E-02}	12/30/1994		2.820E-01 { 4.400E-02}	12/30/1994		2.860E-01 { 4.200E-02}	12/29/1994		2.860E-01 { 4.700E-02}
MEAN		3.273E-01			3.243E-01			3.050E-01			3.255E-01
MINIMUM		2.980E-01			2.820E-01			2.800E-01			2.860E-01
MAXIMUM		3.920E-01			3.490E-01			3.690E-01			3.840E-01
2STD. ERR		4.355E-02			3.051E-02			4.275E-02			4.303E-02

- < - Result less than the 2 sigma Total Propagated Analytical Uncertainty
- { } - Total Propagated Analytical Uncertainty.
- NR - No result reported.
- 1 ONE OF THE TLDs FOUND ON THE GROUND. RADIATION SURVEYS NOT PERFORMED.
- 2 TLD WAS COLLECTED ON 12/30/94 BUT PLACED IN A LIFE VEST AND NOT SUBMITTED TO THE LAB UNTIL 1/18/95.
- 3 ONE OF THE THREE TLDs MISSING.
- 4 ONE OF THE THREE TLDs ON THE GROUND.

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2354 N END WOODED ISLAND

2360 PORT OF BENTON-RIVER

2353 POWERLINE CROSSING

2352 RINGOLD ISLAND

OFF DATE	COM	RESULT	OFF DATE	COM	RESULT	OFF DATE	COM	RESULT	OFF DATE	COM	RESULT
03/24/1994		3.010E-01 { 3.400E-02}	03/24/1994		3.080E-01 { 6.800E-02}	03/24/1994		2.760E-01 { 3.300E-02}	03/24/1994		3.030E-01 { 1.260E-01}
06/27/1994	1	2.950E-01 { 3.300E-02}	06/27/1994	3	2.770E-01 { 3.700E-02}	06/27/1994		2.620E-01 { 2.600E-02}	06/24/1994	4	2.830E-01 { 5.600E-02}
10/07/1994	2	2.960E-01 { 6.000E-02}	10/07/1994		2.540E-01 { 2.300E-02}	10/07/1994		2.960E-01 { 2.900E-02}	10/07/1994		2.640E-01 { 7.900E-02}
12/30/1994		2.940E-01 { 4.300E-02}	12/30/1994		2.610E-01 { 4.000E-02}	12/30/1994		2.980E-01 { 8.000E-02}	12/30/1994		2.750E-01 { 4.100E-02}
MEAN		2.965E-01			2.750E-01			2.830E-01			2.813E-01
MINIMUM		2.940E-01			2.540E-01			2.620E-01			2.640E-01
MAXIMUM		3.010E-01			3.080E-01			2.980E-01			3.030E-01
2STD. ERR		3.109E-03			2.401E-02			1.717E-02			1.646E-02

2357 S END WOODED ISLAND

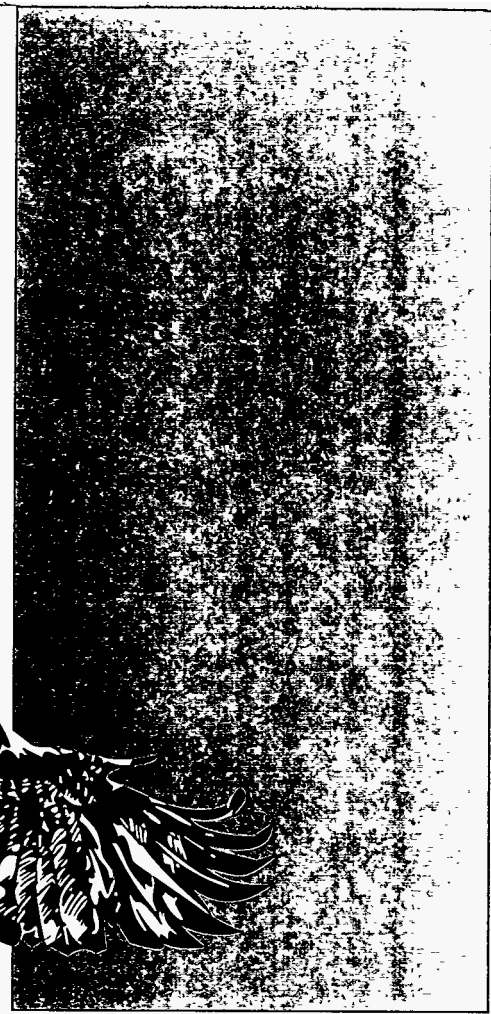
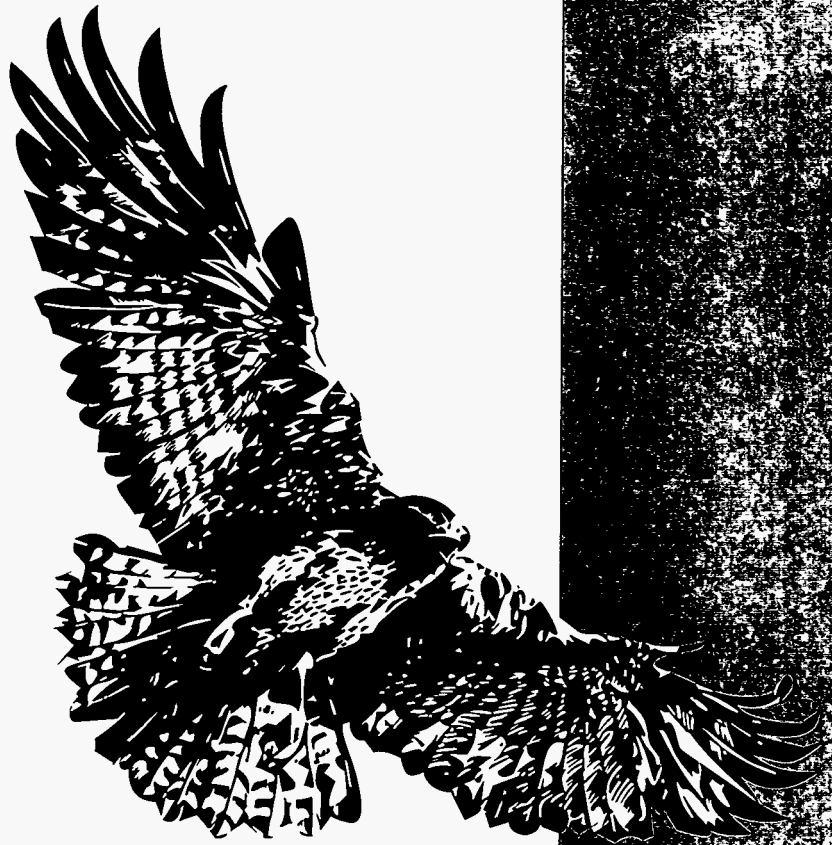
2351 SAVAGE ISL SLOUGH

2372 WHITE BLUFFS FY LND.

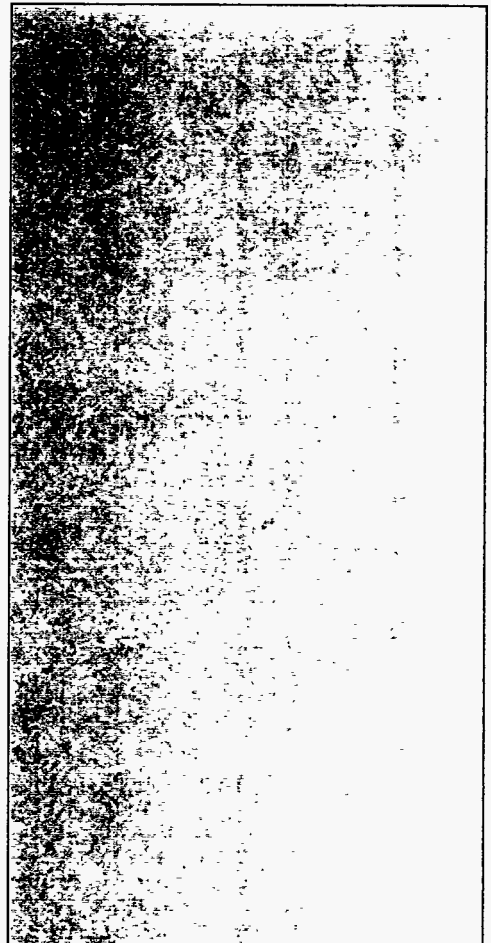
2371 WHITE BLUFFS SLOUGH

OFF DATE	COM	RESULT	OFF DATE	COM	RESULT	OFF DATE	COM	RESULT	OFF DATE	COM	RESULT
03/24/1994		3.260E-01 { 8.100E-02}	03/24/1994		3.600E-01 { 1.240E-01}	03/25/1994		3.540E-01 { 1.100E-01}	03/25/1994		4.370E-01 { 1.280E-01}
06/27/1994		3.150E-01 { 7.100E-02}	06/24/1994		2.660E-01 { 5.200E-02}	06/24/1994		2.750E-01 { 4.200E-02}	06/24/1994		3.410E-01 { 5.800E-02}
10/07/1994		2.990E-01 { 6.300E-02}	10/07/1994		2.840E-01 { 7.100E-02}	09/29/1994		3.250E-01 { 7.800E-02}	09/29/1994		3.910E-01 { 8.200E-02}
12/30/1994	5	3.070E-01 { 4.000E-02}	12/30/1994		2.510E-01 { 4.300E-02}	12/29/1994		2.790E-01 { 4.600E-02}	12/29/1994		3.760E-01 { 6.700E-02}
MEAN		3.118E-01			2.903E-01			3.083E-01			3.863E-01
MINIMUM		2.990E-01			2.510E-01			2.750E-01			3.410E-01
MAXIMUM		3.260E-01			3.600E-01			3.540E-01			4.370E-01
2STD. ERR		1.153E-02			4.842E-02			3.801E-02			3.979E-02

- < - Result less than the 2 sigma Total Propagated Analytical Uncertainty
- { } - Total Propagated Analytical Uncertainty.
- NR - No result reported.
- 1 ONE OF THE THREE TLDs FULL OF WATER.
- 2 ONE OF THE THREE TLDs MISSING.
- 3 ONE OF THE THREE TLDs ON THE GROUND.
- 4 ONE OF THE THREE TLDs MISSING.
- 5 ONE OF THREE TLDs MISSING.



Foodstuffs



2335 SAGEMOOR COMPOSITE (COW , Milk)

OFF DATE	COM	BE-7 PCI/L	CO-60 PCI/L	CS-134 PCI/L	CS-137 PCI/L	EU-154 PCI/L	K-40 PCI/L	SR-90 PCI/L	TRITIUM PCI/L
01/12/1994		< -1.430E+01 { 2.460E+01 }	9.360E+00 { 4.540E+00 }	< -3.940E+00 { 3.130E+00 }	< -1.450E-01 { 3.320E+00 }	< 1.410E+00 { 1.080E+01 }	1.350E+03 { 1.750E+02 }	nra	< 1.490E+02 { 1.920E+02 }
02/09/1994		< 3.460E+00 { 2.000E+01 }	< 1.040E+00 { 3.180E+00 }	< -1.550E-01 { 2.500E+00 }	2.540E+00 { 2.350E+00 }	< -1.060E+00 { 8.830E+00 }	1.360E+03 { 1.140E+02 }	nra	< 1.080E+02 { 1.720E+02 }
03/09/1994		< -1.700E+01 { 2.000E+01 }	< -1.060E+00 { 3.100E+00 }	< 5.230E-01 { 2.470E+00 }	< -1.980E+00 { 2.870E+00 }	1.260E+01 { 9.200E+00 }	1.370E+03 { 1.120E+02 }	4.080E-01 { 2.910E-01 }	< 2.610E+02 { 2.010E+02 }
04/06/1994		< -1.020E+01 { 2.050E+01 }	< 5.570E-01 { 2.720E+00 }	< 2.610E-02 { 2.300E+00 }	< -2.100E+00 { 2.970E+00 }	< -9.620E+00 { 9.980E+00 }	1.230E+03 { 1.680E+02 }	nra	< 1.590E+02 { 1.900E+02 }
05/04/1994		< 1.800E+01 { 2.020E+01 }	< -1.470E+00 { 3.010E+00 }	< 1.560E-01 { 2.240E+00 }	< 1.460E+00 { 2.410E+00 }	< 5.150E+00 { 8.950E+00 }	1.280E+03 { 1.730E+02 }	nra	< 1.450E+02 { 1.650E+02 }
06/01/1994	1	< 5.780E+00 { 1.940E+01 }	< -3.140E+00 { 3.290E+00 }	< 3.640E-02 { 2.170E+00 }	< 9.420E-01 { 2.660E+00 }	< 9.680E-01 { 9.020E+00 }	1.260E+03 { 1.640E+02 }	NR	< 1.440E+01 { 1.900E+02 }
06/29/1994		< -4.630E+00 { 2.350E+01 }	< 7.800E-01 { 3.630E+00 }	< 9.820E-01 { 2.940E+00 }	< 2.160E+00 { 3.020E+00 }	< -1.760E+01 { 1.230E+01 }	1.440E+03 { 1.840E+02 }	nra	< 6.920E+01 { 1.900E+02 }
07/27/1994		< -1.510E+01 { 2.220E+01 }	< 1.970E+00 { 3.350E+00 }	< -1.560E+00 { 2.650E+00 }	< -2.190E+00 { 3.090E+00 }	< -3.710E+00 { 1.130E+01 }	1.360E+03 { 1.890E+02 }	nra	< 1.150E+02 { 1.960E+02 }
08/24/1994		< 4.710E+00 { 1.990E+01 }	3.940E+00 { 2.840E+00 }	< 1.190E-02 { 2.470E+00 }	< -7.290E-02 { 2.600E+00 }	1.370E+01 { 8.040E+00 }	1.180E+03 { 1.610E+02 }	4.540E-01 { 3.760E-01 }	< 7.120E+01 { 1.840E+02 }
09/21/1994		< -1.810E+00 { 1.970E+01 }	< -1.920E+00 { 2.930E+00 }	< 3.640E-01 { 2.400E+00 }	3.090E+00 { 2.590E+00 }	< -1.550E+00 { 9.030E+00 }	1.280E+03 { 1.660E+02 }	nra	< 1.020E+02 { 1.840E+02 }
10/19/1994		2.500E+01 { 2.300E+01 }	< 3.030E-01 { 3.030E+00 }	< -1.250E+00 { 2.830E+00 }	< 2.730E+00 { 3.030E+00 }	< -6.350E+00 { 1.040E+01 }	1.280E+03 { 1.700E+02 }	nra	< 1.280E+02 { 1.980E+02 }
11/16/1994		< 1.700E+01 { 2.170E+01 }	< -3.010E+00 { 3.370E+00 }	< 1.090E+00 { 2.480E+00 }	< -2.750E+00 { 2.970E+00 }	< 1.120E+00 { 9.250E+00 }	1.300E+03 { 1.800E+02 }	< 3.460E-01 { 3.910E-01 }	< 1.260E+02 { 1.840E+02 }
12/14/1994		< -3.180E+00 { 2.090E+01 }	< -2.100E+00 { 3.240E+00 }	< -5.020E+00 { 2.880E+00 }	< -1.400E+00 { 2.870E+00 }	< 2.040E-01 { 9.780E+00 }	1.390E+03 { 1.850E+02 }	nra	< 7.780E+01 { 1.920E+02 }
MEAN		5.946E-01	4.038E-01	-6.720E-01	1.757E-01	-3.645E-01	1.314E+03	4.027E-01	1.174E+02
MINIMUM		< -1.700E+01	< -3.140E+00	< -5.020E+00	< -2.750E+00	< -1.760E+01	1.180E+03	< 3.460E-01	< 1.440E+01
MAXIMUM		2.500E+01	9.360E+00	< 1.090E+00	3.090E+00	1.370E+01	1.440E+03	4.540E-01	2.610E+02
2STD. ERR		7.444E+00	1.876E+00	1.031E+00	1.170E+00	4.628E+00	3.984E+01	6.258E-02	3.253E+01

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
which includes the 2 sigma counting error and analytical error
{ } - Total Propagated Analytical Uncertainty.
_NR - No result reported.
nra - Not routinely analyzed or analyzed on a less frequent basis
1 SR-90 Sr-90 RESULT LOST AT LAB, REFER TO 9/23/94 INCIDENT REPORT.

2337 SAGEMOOR COMPOSITE (COW , Milk)

OFF DATE	COM	I-129 PCI/L
04/06/1994		6.418E-04 { 6.803E-05}
09/21/1994		8.162E-04 { 9.631E-05}
MEAN		7.290E-04
MINIMUM		6.420E-04
MAXIMUM		8.160E-04
2STD. ERR		1.740E-04

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis

2340 SUNNYSIDE AREA (COW , Milk)

OFF DATE	COM	BE-7 PCI/L	CO-60 PCI/L	CS-134 PCI/L	CS-137 PCI/L	EU-154 PCI/L	K-40 PCI/L	SR-90 PCI/L	TRITIUM PCI/L
03/29/1994	1	< -8.810E+00 { 2.420E+01 }	< -3.210E+00 { 3.910E+00 }	< -1.970E+00 { 2.820E+00 }	< 1.650E+00 { 3.200E+00 }	< -2.120E+00 { 1.120E+01 }	1.410E+03 { 1.810E+02 }	NR { NR }	< -4.450E+01 { 1.800E+02 }
05/24/1994		nra	nra	nra	nra	nra	nra	8.390E-01 { 7.270E-01 }	nra
06/21/1994		< -5.730E+00 { 2.150E+01 }	< 3.000E-01 { 3.030E+00 }	< -3.220E-01 { 2.580E+00 }	< 2.310E+00 { 2.610E+00 }	< 5.510E+00 { 1.030E+01 }	1.450E+03 { 1.870E+02 }	< 2.240E-01 { 3.930E-01 }	< -3.700E+01 { 1.850E+02 }
09/13/1994		< -1.930E+00 { 2.110E+01 }	< -1.770E+00 { 3.610E+00 }	< 7.790E-01 { 2.520E+00 }	< 1.160E+00 { 2.840E+00 }	< 5.730E+00 { 9.210E+00 }	1.260E+03 { 1.690E+02 }	7.890E-01 { 4.490E-01 }	< 4.440E+01 { 1.810E+02 }
12/06/1994	2	< 1.830E+01 { 2.290E+01 }	< -3.870E+00 { 3.880E+00 }	< 1.290E+00 { 2.730E+00 }	< 8.190E-01 { 3.000E+00 }	< 3.800E+00 { 9.930E+00 }	1.250E+03 { 1.770E+02 }	NR { NR }	< 7.950E+01 { 1.810E+02 }
MEAN		4.575E-01	-2.138E+00	-5.575E-02	1.485E+00	3.230E+00	1.343E+03	6.173E-01	1.060E+01
MINIMUM		< -8.810E+00	< -3.870E+00	< -1.970E+00	< 8.190E-01	< -2.120E+00	1.250E+03	< 2.240E-01	< -4.450E+01
MAXIMUM		< 1.830E+01	< 3.000E-01	< 1.290E+00	< 2.310E+00	< 5.730E+00	1.450E+03	8.390E-01	< 7.950E+01
2STD. ERR		1.222E+01	1.846E+00	1.443E+00	6.473E-01	3.670E+00	1.024E+02	3.944E-01	6.108E+01

2341 SUNNYSIDE AREA (COW , Milk)

OFF DATE	COM	I-129 PCI/L
03/29/1994		4.128E-04 { 3.715E-05 }
09/13/1994		3.814E-04 { 4.501E-05 }
MEAN		3.970E-04
MINIMUM		3.810E-04
MAXIMUM		4.130E-04
2STD. ERR		3.100E-05

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis
 1 SR-90 SR-90 RESULT LOST AT LAB, REFER TO 5/11/94 INCIDENT REPORT.
 2 SR-90 REFER TO 3/24/95 INCIDENT REPORT, RESULT LOST AT LAB (NOT REPORTED ON DISK).

2338 WAHLUKE AREA COMP (COW , Milk)

OFF DATE	COM	BE-7 PCI/L	CO-60 PCI/L	CS-134 PCI/L	CS-137 PCI/L	EU-154 PCI/L	K-40 PCI/L	SR-90 PCI/L	TRITIUM PCI/L
03/30/1994	1	< -8.110E+00 { 2.420E+01}	< 1.650E+00 { 3.710E+00}	< -2.080E+00 { 3.120E+00}	< -3.080E-01 { 3.270E+00}	< -4.700E-01 { 9.820E+00}	1.380E+03 { 1.770E+02}	NR {NR}	< 6.590E+01 { 1.850E+02}
05/26/1994		nra	nra	nra	nra	nra	nra	< 8.580E-01 { 8.780E-01}	nra
06/22/1994		< .000E+00 { 1.880E+01}	< 4.990E-01 { 2.970E+00}	< 1.070E+00 { 2.260E+00}	< -2.350E+00 { 2.820E+00}	< -7.740E+00 { 8.520E+00}	1.230E+03 { 1.670E+02}	6.510E-01 { 4.900E-01}	< -8.320E+00 { 1.870E+02}
09/14/1994		< -1.350E+00 { 1.860E+01}	< -1.280E+00 { 2.900E+00}	< 5.100E-01 { 2.410E+00}	< -1.050E-01 { 2.740E+00}	< -3.680E+00 { 8.610E+00}	1.450E+03 { 1.820E+02}	9.730E-01 { 4.270E-01}	< 3.700E+01 { 1.810E+02}
12/07/1994	2	< -1.200E+01 { 2.260E+01}	3.330E+00 { 2.970E+00}	< -2.770E+00 { 2.530E+00}	< -2.110E-01 { 2.430E+00}	< 1.330E+00 { 8.540E+00}	8.270E+02 { 1.320E+02}	NR {NR}	< 5.640E+01 { 1.800E+02}
MEAN		-5.365E+00	1.050E+00	-8.175E-01	-7.435E-01	-2.640E+00	1.222E+03	8.273E-01	3.775E+01
MINIMUM		< -1.200E+01	< -1.280E+00	< -2.770E+00	< -2.350E+00	< -7.740E+00	8.270E+02	6.510E-01	< -8.320E+00
MAXIMUM		< .000E+00	3.330E+00	< 1.070E+00	< -1.050E-01	< 1.330E+00	1.450E+03	9.730E-01	< 6.590E+01
2STD. ERR		5.670E+00	1.940E+00	1.891E+00	1.074E+00	3.982E+00	2.787E+02	1.884E-01	3.298E+01

2339 WAHLUKE AREA COMP (COW , Milk)

OFF DATE	COM	I-129 PCI/L
03/30/1994	3	5.591E-04 { 4.473E-05}
06/22/1994		4.917E-04 { 5.015E-05}
09/14/1994		8.187E-04 { 1.670E-04}
MEAN		6.230E-04
MINIMUM		4.920E-04
MAXIMUM		8.190E-04
2STD. ERR		1.990E-04

- < - Result less than the 2 sigma Total Propagated Analytical Uncertainty which includes the 2 sigma counting error and analytical error
{ } - Total Propagated Analytical Uncertainty.
NR - No result reported.
nra - Not routinely analyzed or analyzed on a less frequent basis
- 1 ONLY TWO OUT OF THE THREE LOCATIONS HAD MILK.
SR-90 SR-90 RESULT LOST AT LAB, REFER TO 5/11/94 INCIDENT REPORT.
 - 2 SR-90 REFER TO 3/24/95 INCIDENT REPORT, RESULT LOST AT LAB (NOT REPORTED ON DISK).
 - 3 NO SAMPLE. SAMPLED LEFT OUTSIDE IN DROP BOX THROUGH WEEKEND. RESCHEDULED SAMPLE FOR 6/22/94, BOC2L2.NO SAMPLE. SAMPLE WAS LEFT OUTSIDE IN DROP BOX THROUGH WEEKEND. RESCHEDULED FOR 6/22/94, BOB2L2.

2468 EAST WAHLUKE AREA (LEAFY VEGETABLES , STM-LV)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	SR-90 PCI/G
08/05/1994		7.760E-02 { 9.990E-02 }	< -2.170E-03 { 1.180E-02 }	< -6.430E-03 { 8.730E-03 }	7.930E-04 { 9.830E-03 }	< -5.050E-02 { 4.330E-02 }	4.540E+00 { 6.460E-01 }	8.090E-03 { 5.260E-03 }

2471 RIVERVIEW AREA (LEAFY VEGETABLES , STM-LV)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	SR-90 PCI/G	TC-99 PCI/G
07/18/1994		2.030E-01 { 1.090E-01 }	< -2.020E-03 { 1.560E-02 }	4.750E-03 { 1.420E-02 }	6.790E-03 { 1.150E-02 }	< -3.640E-02 { 5.660E-02 }	3.830E+00 { 6.840E-01 }	3.040E-02 { 7.490E-03 }	9.670E-03 { 4.040E-01 }

2470 SAGEMOOR AREA (LEAFY VEGETABLES , STM-LV)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	I-129 PCI/G	K-40 PCI/G	SR-90 PCI/G
06/29/1994		9.920E-02 { 4.910E-02 }	< -9.750E-03 { 7.560E-03 }	4.930E-03 { 4.740E-03 }	4.710E-04 { 5.680E-03 }	< -5.050E-03 { 1.720E-02 }	< -1.530E-04 { 3.770E-02 }	4.320E+00 { 5.200E-01 }	2.450E-02 { 7.470E-03 }

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
which includes the 2 sigma counting error and analytical error

{ } - Total Propagated Analytical Uncertainty.

NR - No result reported.

nra - Not routinely analyzed or analyzed on a less frequent basis

2500 RIVERVIEW AREA (ASPARAGUS , Shoot)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	PU-238 PCI/G	PU39-40 PCI/G
05/25/1994		< -9.280E-02 { 7.620E-02 }	3.070E-03 { 9.590E-03 }	2.200E-03 { 6.930E-03 }	3.850E-03 { 8.220E-03 }	< -3.720E-02 { 3.030E-02 }	1.710E+00 { 3.190E-01 }	3.240E-05 { 1.200E-04 }	8.410E-07 { 1.270E-04 }

2500 RIVERVIEW AREA (ASPARAGUS , Shoot)

OFF DATE	COM	SR-90 PCI/G	U-234 PCI/G	U-235 PCI/G	U-238 PCI/G	UIISO TOTAL PCI/G
05/25/1994		3.700E-03 { 3.290E-03 }	3.770E-02 { 9.060E-03 }	1.950E-02 { 6.100E-03 }	8.600E-03 { 4.460E-03 }	6.580E-02 { 1.180E-02 }

2501 SAGEMOOR AREA (ASPARAGUS , Shoot)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	PU-238 PCI/G	PU39-40 PCI/G
05/25/1994		2.380E-02 { 6.170E-02 }	< -1.680E-03 { 8.170E-03 }	< -1.060E-02 { 6.520E-03 }	9.460E-03 { 5.730E-03 }	< -3.110E-02 { 2.300E-02 }	1.960E+00 { 3.110E-01 }	< -6.860E-07 { 1.360E-04 }	3.550E-05 { 9.060E-05 }

2501 SAGEMOOR AREA (ASPARAGUS , Shoot)

OFF DATE	COM	SR-90 PCI/G	U-234 PCI/G	U-235 PCI/G	U-238 PCI/G	UIISO TOTAL PCI/G
05/25/1994		4.770E-03 { 3.510E-03 }	2.110E-03 { 3.520E-03 }	< -9.270E-04 { 1.890E-03 }	< -9.260E-04 { 1.560E-03 }	2.570E-04 { 4.289E-03 }

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis

2502 SUNNYSIDE AREA (ASPARAGUS , Shoot)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	PU-238 PCI/G	PU39-40 PCI/G
05/03/1994		4.750E-02 { 8.670E-02 }	1.870E-03 { 1.210E-02 }	7.990E-03 { 8.810E-03 }	< -1.410E-03 { 1.110E-02 }	2.530E-02 { 3.210E-02 }	2.080E+00 { 3.850E-01 }	< -4.160E-05 { 5.960E-05 }	2.040E-05 { 1.110E-04 }

2502 SUNNYSIDE AREA (ASPARAGUS , Shoot)

OFF DATE	COM	SR-90 PCI/G	U-234 PCI/G	U-235 PCI/G	U-238 PCI/G	UISO TOTAL PCI/G
05/03/1994		5.830E-03 { 4.700E-03 }	< -1.870E-03 { 2.400E-03 }	< -3.520E-04 { 1.900E-03 }	< -1.010E-03 { 1.900E-03 }	< -3.232E-03 { 3.603E-03 }

2658 HARRAH/WAPATO AREA (CARROT , Root)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	SR-90 PCI/G	TRITIUM PCI/L
10/19/1994		8.550E-03 { 4.650E-02 }	< -1.250E-04 { 5.820E-03 }	3.590E-04 { 4.460E-03 }	2.490E-03 { 4.470E-03 }	9.800E-03 { 1.700E-02 }	2.750E+00 { 3.490E-01 }	1.560E-03 { 2.690E-03 }	< -1.910E+02 { 1.950E+02 }

2656 RIVERVIEW AREA (CARROT , Root)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	SR-90 PCI/G
07/21/1994		4.820E-02 { 6.970E-02 }	< -3.650E-03 { 1.080E-02 }	1.430E-03 { 7.690E-03 }	< -5.030E-04 { 8.230E-03 }	< -3.850E-02 { 3.420E-02 }	2.950E+00 { 4.780E-01 }	3.430E-03 { 2.990E-03 }

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty which includes the 2 sigma counting error and analytical error
{ } - Total Propagated Analytical Uncertainty.
NR - No result reported.
nra - Not routinely analyzed or analyzed on a less frequent basis

2654 EAST WAHLUKE AREA (POTATO , Tuber)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	SR-90 PCI/G
07/20/1994		4.450E-02 { 4.890E-02 }	4.670E-03 { 9.200E-03 }	6.980E-03 { 6.890E-03 }	2.400E-03 { 6.690E-03 }	< -3.060E-02 { 3.220E-02 }	4.010E+00 { 5.650E-01 }	2.240E-03 { 4.230E-03 }

2651 HORN RAPIDS AREA (POTATO , Tuber)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	PU-238 PCI/G	PU39-40 PCI/G
08/15/1994		1.680E-02 { 9.430E-02 }	< -8.690E-03 { 1.350E-02 }	< -1.310E-03 { 9.920E-03 }	1.580E-03 { 8.730E-03 }	< -9.390E-03 { 3.810E-02 }	4.010E+00 { 5.790E-01 }	2.270E-05 { 4.890E-05 }	< -1.970E-05 { 2.170E-05 }

2651 HORN RAPIDS AREA (POTATO , Tuber)

OFF DATE	COM	SR-90 PCI/G	TC-99 PCI/G	U-234 PCI/G	U-235 PCI/G	U-238 PCI/G	UI50 TOTAL PCI/G
08/15/1994		4.710E-03 { 3.620E-03 }	3.750E-01 { 3.820E-01 }	2.770E-04 { 2.670E-03 }	< -4.130E-04 { 1.580E-03 }	1.330E-03 { 2.160E-03 }	1.194E-03 { 3.780E-03 }

2650 RIVERVIEW AREA (POTATO , Tuber)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	SR-90 PCI/G
07/20/1994		3.260E-02 { 5.150E-02 }	1.080E-02 { 7.500E-03 }	1.100E-03 { 6.740E-03 }	5.600E-03 { 6.200E-03 }	1.610E-02 { 2.660E-02 }	4.110E+00 { 5.480E-01 }	< -1.350E-03 { 2.790E-03 }

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis

2652 SAGEMOOR AREA (POTATO , Tuber)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	PU-238 PCI/G	PU39-40 PCI/G
07/20/1994		< -1.720E-02 { 6.100E-02 }	2.610E-03 { 9.570E-03 }	9.230E-04 { 7.230E-03 }	< -8.690E-04 { 7.180E-03 }	< -2.970E-02 { 3.960E-02 }	3.440E+00 { 4.910E-01 }	6.070E-05 { 7.240E-05 }	< -5.080E-05 { 5.900E-05 }

2652 SAGEMOOR AREA (POTATO , Tuber)

OFF DATE	COM	SR-90 PCI/G
07/20/1994		< -4.880E-04 { 2.650E-03 }

2653 SUNNYSIDE AREA (POTATO , Tuber)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	PU-238 PCI/G	PU39-40 PCI/G
08/11/1994		5.170E-04 { 6.450E-02 }	< -7.430E-04 { 9.620E-03 }	< -3.750E-04 { 7.020E-03 }	< -4.290E-03 { 7.930E-03 }	2.070E-02 { 2.720E-02 }	4.320E+00 { 5.780E-01 }	< -7.270E-07 { 6.300E-05 }	3.090E-05 { 8.270E-05 }

2653 SUNNYSIDE AREA (POTATO , Tuber)

OFF DATE	COM	SR-90 PCI/G	TC-99 PCI/G	U-234 PCI/G	U-235 PCI/G	U-238 PCI/G	UI50 TOTAL PCI/G
08/11/1994		1.740E-03 { 2.940E-03 }	4.260E-02 { 4.030E-01 }	8.580E-04 { 3.040E-03 }	3.250E-04 { 2.020E-03 }	2.570E-03 { 2.720E-03 }	3.753E-03 { 4.552E-03 }

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
which includes the 2 sigma counting error and analytical error
{ } - Total Propagated Analytical Uncertainty.
NR - No result reported.
nra - Not routinely analyzed or analyzed on a less frequent basis

2655 RIVERVIEW AREA (TOMATO , Fruit)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	SR-90 PCI/G	TRITIUM PCI/L
07/18/1994		< -1.310E-03 { 4.830E-02}	2.450E-03 { 6.930E-03}	1.180E-03 { 6.180E-03}	5.050E-03 { 7.310E-03}	4.980E-03 { 2.230E-02}	2.260E+00 { 3.660E-01}	1.350E-03 { 3.200E-03}	1.150E+01 { 2.050E+02}

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2636 COLD CREEK AREA (APPLES , Fruit)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	SR-90 PCI/G	TRITIUM PCI/L
09/20/1994		< -2.710E-02 { 8.180E-02}	6.800E-03 { 7.790E-03}	< -1.140E-02 { 9.220E-03}	9.580E-03 { 8.670E-03}	1.260E-02 { 2.610E-02}	1.040E+00 { 2.630E-01}	< -6.650E-04 { 2.580E-03}	< -1.860E+01 { 1.540E+02}

2641 EAST WAHLUKE AREA (APPLES , Fruit)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	SR-90 PCI/G	TRITIUM PCI/L
10/05/1994		8.400E-03 { 8.120E-02}	6.890E-04 { 9.840E-03}	< -5.780E-03 { 8.720E-03}	1.410E-02 { 8.130E-03}	< -1.180E-02 { 2.890E-02}	1.220E+00 { 2.820E-01}	< -2.650E-03 { 2.520E-03}	1.350E+01 { 2.050E+02}

2640 MATTAWA AREA (APPLES , Fruit)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	SR-90 PCI/G	TRITIUM PCI/L
09/20/1994		7.060E-02 { 7.060E-02}	< -3.660E-03 { 8.980E-03}	< -4.120E-03 { 8.530E-03}	1.040E-02 { 8.200E-03}	< -3.300E-03 { 2.900E-02}	9.110E-01 { 2.530E-01}	< -4.220E-04 { 2.640E-03}	2.130E+01 { 1.560E+02}

2639 RINGOLD AREA (APPLES , Fruit)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	PU-238 PCI/G	PU39-40 PCI/G
08/24/1994		< -1.300E-02 { 8.340E-02}	2.930E-03 { 8.930E-03}	< -1.160E-02 { 8.930E-03}	7.680E-03 { 8.060E-03}	< -2.480E-02 { 2.900E-02}	9.540E-01 { 2.560E-01}	< -7.170E-04 { 7.440E-04}	1.730E-04 { 2.720E-04}

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
which includes the 2 sigma counting error and analytical error
{ } - Total Propagated Analytical Uncertainty.
NR - No result reported.
nra - Not routinely analyzed or analyzed on a less frequent basis

2639 RINGOLD AREA (APPLES , Fruit)

OFF DATE	COM	SR-90 PCI/G	TRITIUM PCI/L
08/24/1994		< -3.700E-03 { 2.440E-03}	< -5.760E+00 { 1.780E+02}

2635 SAGEMOOR AREA (APPLES , Fruit)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	PU-238 PCI/G	PU39-40 PCI/G
08/24/1994		5.410E-02 { 8.120E-02}	< -1.250E-03 { 8.100E-03}	2.650E-03 { 8.440E-03}	6.740E-03 { 8.160E-03}	1.540E-02 { 2.760E-02}	1.130E+00 { 2.970E-01}	5.960E-04 { 7.720E-04}	2.170E-05 { 1.960E-04}

2635 SAGEMOOR AREA (APPLES , Fruit)

OFF DATE	COM	SR-90 PCI/G	TRITIUM PCI/L
08/24/1994		< -1.640E-03 { 2.580E-03}	1.630E+01 { 1.790E+02}

2637 SUNNYSIDE AREA (APPLES , Fruit)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	PU-238 PCI/G	PU39-40 PCI/G
10/11/1994		< -3.890E-02 { 8.690E-02}	6.210E-03 { 6.340E-03}	< -9.840E-04 { 7.920E-03}	1.700E-04 { 9.110E-03}	2.130E-02 { 2.480E-02}	1.310E+00 { 3.050E-01}	< -3.570E-05 { 5.740E-05}	2.220E-05 { 1.240E-04}

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis

2637 SUNNYSIDE AREA (APPLES , Fruit)

OFF DATE	COM	SR-90 PCI/G	TRITIUM PCI/L
10/11/1994		< -1.150E-03 { 2.370E-03}	< -8.070E+01 { 2.000E+02}

2620 RINGOLD AREA (CHERRIES , Fruit)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	SR-90 PCI/G	TRITIUM PCI/L
06/08/1994		< -3.050E-02 { 5.550E-02}	3.280E-03 { 7.430E-03}	< -5.640E-03 { 6.220E-03}	2.220E-04 { 6.230E-03}	< -2.970E-03 { 2.260E-02}	2.130E+00 { 3.170E-01}	< -1.160E-03 { 2.230E-03}	2.040E+01 { 1.940E+02}

2618 SAGEMOOR AREA (CHERRIES , Fruit)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	SR-90 PCI/G	TRITIUM PCI/L
06/03/1994		< -1.110E-02 { 5.620E-02}	< -5.430E-03 { 9.440E-03}	< -9.990E-05 { 7.050E-03}	1.290E-03 { 7.140E-03}	< -1.060E-02 { 2.710E-02}	1.880E+00 { 3.120E-01}	< -1.290E-03 { 2.180E-03}	< -9.850E+01 { 1.880E+02}

2643 COLD CREEK AREA (CONCORD GRAPES , Fruit)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	SR-90 PCI/G	TRITIUM PCI/L
09/15/1994		2.610E-02 { 4.080E-02}	< -8.340E-04 { 5.770E-03}	< -1.940E-03 { 4.560E-03}	3.760E-03 { 5.110E-03}	6.950E-04 { 1.710E-02}	1.690E+00 { 2.550E-01}	2.770E-04 { 3.340E-03}	< -1.490E+02 { 1.680E+02}

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
which includes the 2 sigma counting error and analytical error
{ } - Total Propagated Analytical Uncertainty.
NR - No result reported.
nra - Not routinely analyzed or analyzed on a less frequent basis

2646 MATTAWA AREA (CONCORD GRAPES , Fruit)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	SR-90 PCI/G	TRITIUM PCI/L
09/15/1994		4.190E-02 { 4.630E-02 }	< -4.300E-03 { 7.480E-03 }	2.080E-03 { 4.670E-03 }	3.990E-03 { 4.430E-03 }	2.070E-02 { 1.730E-02 }	1.900E+00 { 3.020E-01 }	< -3.090E-05 { 2.860E-03 }	8.630E+01 { 1.800E+02 }

2645 RIVERVIEW AREA (CONCORD GRAPES , Fruit)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	SR-90 PCI/G	TRITIUM PCI/L
09/15/1994		3.430E-02 { 4.060E-02 }	< -4.310E-03 { 6.290E-03 }	2.830E-04 { 4.300E-03 }	5.770E-03 { 4.810E-03 }	< -2.040E-03 { 2.200E-02 }	3.610E+00 { 4.490E-01 }	3.870E-03 { 3.050E-03 }	1.570E+01 { 1.760E+02 }

2642 SAGEMOOR AREA (CONCORD GRAPES , Fruit)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	I-129 PCI/G	K-40 PCI/G	SR-90 PCI/G
09/15/1994		< -5.170E-03 { 4.900E-02 }	5.610E-03 { 5.690E-03 }	3.360E-03 { 5.010E-03 }	< -2.160E-03 { 4.840E-03 }	4.880E-03 { 1.690E-02 }	< -3.480E-02 { 6.010E-02 }	2.720E+00 { 3.600E-01 }	1.420E-03 { 3.640E-03 }

2642 SAGEMOOR AREA (CONCORD GRAPES , Fruit)

OFF DATE	COM	TRITIUM PCI/L
09/15/1994		< -4.810E+01 { 1.730E+02 }

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis

2644 SUNNYSIDE AREA (CONCORD GRAPES , Fruit)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	I-129 PCI/G	K-40 PCI/G	SR-90 PCI/G
09/15/1994		5.880E-03 { 5.220E-02 }	< -6.080E-03 { 8.380E-03 }	< -2.110E-03 { 6.170E-03 }	6.700E-03 { 6.990E-03 }	< -1.990E-02 { 2.310E-02 }	< -1.970E-02 { 5.880E-02 }	2.510E+00 { 3.540E-01 }	7.500E-04 { 3.030E-03 }

2644 SUNNYSIDE AREA (CONCORD GRAPES , Fruit)

OFF DATE	COM	TRITIUM PCI/L
09/15/1994		< -2.450E+01 { 1.740E+02 }

2733 RIVERVIEW AREA (MELON , Fruit)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	SR-90 PCI/G	TRITIUM PCI/L
07/21/1994		3.200E-02 { 7.560E-02 }	2.840E-03 { 7.520E-03 }	4.110E-03 { 5.710E-03 }	3.510E-03 { 5.500E-03 }	< -1.970E-03 { 2.390E-02 }	1.400E+00 { 2.640E-01 }	7.960E-03 { 4.410E-03 }	< -5.300E+01 { 1.740E+02 }

2649 SAGEMOOR AREA (MELON , Fruit)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	SR-90 PCI/G	TRITIUM PCI/L
07/14/1994		< -3.030E-02 { 4.460E-02 }	< -4.670E-03 { 6.660E-03 }	1.270E-03 { 5.910E-03 }	< -1.620E-03 { 5.510E-03 }	< -7.720E-03 { 1.770E-02 }	9.760E-01 { 1.850E-01 }	3.690E-04 { 2.690E-03 }	8.560E+01 { 2.090E+02 }

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
which includes the 2 sigma counting error and analytical error
{ } - Total Propagated Analytical Uncertainty.
NR - No result reported.
nra - Not routinely analyzed or analyzed on a less frequent basis

2648 SUNNYSIDE AREA (PEACHES , Fruit)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	SR-90 PCI/G	TRITIUM PCI/L
08/11/1994		5.630E-02 { 5.810E-02 }	< -7.170E-03 { 7.960E-03 }	< -1.150E-03 { 6.140E-03 }	4.870E-03 { 5.610E-03 }	< -8.110E-03 { 2.320E-02 }	1.780E+00 { 3.120E-01 }	2.510E-03 { 3.840E-03 }	< -1.100E+02 { 1.700E+02 }

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed at a less frequently basis

2727 COLUMBIA BASIN (WINE , Red Wine)

OFF DATE	COM	BE-7 PCI/L	CO-60 PCI/L	CS-134 PCI/L	CS-137 PCI/L	EU-154 PCI/L	K-40 PCI/L	TRITIUM PCI/L
12/22/1994	1	3.610E-01	< -9.770E-02	1.930E+00	5.930E-01	4.680E+00	7.420E+02	2.780E+02
		{ 2.480E+01 }	{ 3.030E+00 }	{ 2.470E+00 }	{ 2.490E+00 }	{ 7.770E+00 }	{ 1.320E+02 }	{ 1.930E+02 }
	2	< -2.260E+00	< -7.090E-02	< -3.840E-01	< -1.110E+00	< -1.910E+00	9.460E+02	4.340E+02
		{ 2.310E+01 }	{ 2.900E+00 }	{ 2.490E+00 }	{ 2.570E+00 }	{ 7.910E+00 }	{ 1.440E+02 }	{ 2.030E+02 }
	3	2.410E+01	< -2.270E+00	< -2.990E+00	< -2.100E+00	< -4.550E+00	7.530E+02	2.920E+02
		{ 2.390E+01 }	{ 2.780E+00 }	{ 2.710E+00 }	{ 2.510E+00 }	{ 9.220E+00 }	{ 1.330E+02 }	{ 1.940E+02 }
MEAN		7.400E+00	-8.129E-01	-4.813E-01	-8.723E-01	-5.933E-01	8.137E+02	3.347E+02
MINIMUM		< -2.260E+00	< -2.270E+00	< -2.990E+00	< -2.100E+00	< -4.550E+00	7.420E+02	2.780E+02
MAXIMUM		2.410E+01	< -7.090E-02	1.930E+00	5.930E-01	4.680E+00	9.460E+02	4.340E+02
2STD. ERR		1.677E+01	1.457E+00	2.842E+00	1.573E+00	5.489E+00	1.325E+02	9.966E+01

2725 YAKIMA VALLEY (WINE , Red Wine)

OFF DATE	COM	BE-7 PCI/L	CO-60 PCI/L	CS-134 PCI/L	CS-137 PCI/L	EU-154 PCI/L	K-40 PCI/L	TRITIUM PCI/L
12/22/1994	4	2.240E+01	< -1.630E+00	8.110E-02	< -1.260E+00	< -7.830E+00	1.030E+03	5.640E+02
		{ 2.060E+01 }	{ 2.740E+00 }	{ 2.320E+00 }	{ 2.430E+00 }	{ 9.080E+00 }	{ 1.460E+02 }	{ 2.090E+02 }
	5	4.490E+00	< -2.840E+00	< -7.400E-01	< -5.700E+00	< -5.450E+00	1.010E+03	3.190E+02
		{ 2.740E+01 }	{ 3.850E+00 }	{ 3.180E+00 }	{ 3.290E+00 }	{ 1.170E+01 }	{ 1.590E+02 }	{ 1.990E+02 }
	6	1.030E+01	< -7.310E-01	< -7.750E-01	3.540E+00	< -1.250E+00	8.610E+02	5.170E+02
		{ 2.200E+01 }	{ 3.370E+00 }	{ 2.620E+00 }	{ 2.510E+00 }	{ 8.910E+00 }	{ 1.340E+02 }	{ 2.070E+02 }
MEAN		1.240E+01	-1.734E+00	-4.780E-01	-1.140E+00	-4.843E+00	9.670E+02	4.667E+02
MINIMUM		4.490E+00	< -2.840E+00	< -7.750E-01	< -5.700E+00	< -7.830E+00	8.610E+02	3.190E+02
MAXIMUM		2.240E+01	< -7.310E-01	8.110E-02	3.540E+00	< -1.250E+00	1.030E+03	5.640E+02
2STD. ERR		1.055E+01	1.222E+00	5.594E-01	5.336E+00	3.847E+00	1.066E+02	1.501E+02

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty which includes the 2 sigma counting error and analytical error

{ } - Total Propagated Analytical Uncertainty.

NR - No result reported.

nra - Not routinely analyzed or analyzed on a less frequent basis

- 1 RADAR HILL GRAPES, CABERNET.
- 2 RADAR HILL GRAPES, CABERNET.
- 3 RADAR HILL GRAPES, CABERNET.
- 4 MERCER VINEYARD, PATTERSON, CABERNET/SAUVIGNON
- 5 MERCER VINEYARD, PATTERSON, CABERNET/SAUVIGNON.
- 6 MERCER VINEYARD, PATTERSON, CABERNET/SAUVIGNON.

2728 COLUMBIA BASIN (WINE , White Wine)

OFF DATE	COM	BE-7 PCI/L	CO-60 PCI/L	CS-134 PCI/L	CS-137 PCI/L	EU-154 PCI/L	K-40 PCI/L	TRITIUM PCI/L
12/22/1994	1	1.150E+01 { 2.570E+01 }	1.060E+00 { 2.820E+00 }	2.450E-01 { 2.250E+00 }	< -1.200E+00 { 2.760E+00 }	5.740E+00 { 7.630E+00 }	4.600E+02 { 1.060E+02 }	3.430E+02 { 1.970E+02 }
	2	< -2.230E+01 { 2.720E+01 }	< -8.200E-01 { 3.280E+00 }	< -1.010E+00 { 2.550E+00 }	< -3.870E-01 { 2.760E+00 }	6.360E+00 { 7.360E+00 }	6.110E+02 { 1.080E+02 }	2.280E+02 { 1.900E+02 }
	3	1.700E+01 { 2.770E+01 }	< .000E+00 { 2.970E+00 }	1.090E+00 { 2.630E+00 }	3.270E-01 { 2.720E+00 }	< -2.100E+00 { 9.240E+00 }	3.750E+02 { 9.960E+01 }	4.120E+02 { 2.000E+02 }
MEAN		2.067E+00	8.000E-02	1.083E-01	-4.200E-01	3.333E+00	4.820E+02	3.277E+02
MINIMUM		< -2.230E+01	< -8.200E-01	< -1.010E+00	< -1.200E+00	< -2.100E+00	3.750E+02	2.280E+02
MAXIMUM		1.700E+01	1.060E+00	1.090E+00	3.270E-01	6.360E+00	6.110E+02	4.120E+02
2STD. ERR		2.457E+01	1.088E+00	1.220E+00	8.822E-01	5.445E+00	1.380E+02	1.073E+02

2726 YAKIMA VALLEY (WINE , White Wine)

OFF DATE	COM	BE-7 PCI/L	CO-60 PCI/L	CS-134 PCI/L	CS-137 PCI/L	EU-154 PCI/L	K-40 PCI/L	TRITIUM PCI/L
12/22/1994	4	1.790E+01 { 2.110E+01 }	2.120E-01 { 2.510E+00 }	< -1.470E+00 { 2.180E+00 }	< -1.300E+00 { 2.320E+00 }	< -1.720E+00 { 7.660E+00 }	5.140E+02 { 1.100E+02 }	4.850E+02 { 2.050E+02 }
	5	< -7.910E+00 { 2.180E+01 }	< -3.780E-01 { 2.900E+00 }	< -4.190E-01 { 2.420E+00 }	2.530E+00 { 2.330E+00 }	3.440E+00 { 8.410E+00 }	5.800E+02 { 1.130E+02 }	2.630E+02 { 1.920E+02 }
	6	< -1.430E+01 { 2.720E+01 }	3.880E+00 { 2.980E+00 }	1.310E+00 { 2.630E+00 }	< -1.940E-01 { 2.860E+00 }	8.160E-01 { 8.150E+00 }	6.610E+02 { 1.180E+02 }	9.420E+01 { 1.830E+02 }
MEAN		-1.437E+00	1.238E+00	-1.930E-01	3.453E-01	8.453E-01	5.850E+02	2.807E+02
MINIMUM		< -1.430E+01	< -3.780E-01	< -1.470E+00	< -1.300E+00	< -1.720E+00	5.140E+02	9.420E+01
MAXIMUM		1.790E+01	3.880E+00	1.310E+00	2.530E+00	3.440E+00	6.610E+02	4.850E+02
2STD. ERR		1.969E+01	2.664E+00	1.621E+00	2.276E+00	2.979E+00	8.502E+01	2.263E+02

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
which includes the 2 sigma counting error and analytical error
{ } - Total Propagated Analytical Uncertainty.
NR - No result reported.
nra - Not routinely analyzed or analyzed on a less frequent basis

- 1 RADAR HILL GRAPES, REISLING.
- 2 RADAR HILL GRAPES, REISLING.
- 3 RADAR HILL GRAPES, REISLING.
- 4 PROSSER GRAPES, SAUVIGNON BLANC.
- 5 PROSSER GRAPES, SAUVIGNON BLANC.
- 6 PROSSER GRAPES, SAUVIGNON BLANC.

2476 BENTON CITY AREA (ALFALFA , STM-LV)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	SR-90 PCI/G
06/02/1994		2.450E+00	3.310E-03	5.910E-03	1.430E-02	2.570E-02	1.770E+01	7.550E-02
		{ 3.160E-01 }	{ 1.090E-02 }	{ 9.430E-03 }	{ 1.060E-02 }	{ 4.130E-02 }	{ 1.880E+00 }	{ 1.800E-02 }
		2.520E+00	5.660E-03	5.310E-03	1.840E-03	1.000E-02	1.650E+01	8.050E-02
		{ 3.440E-01 }	{ 1.130E-02 }	{ 7.620E-03 }	{ 9.620E-03 }	{ 3.640E-02 }	{ 1.750E+00 }	{ 1.740E-02 }
		2.220E+00	3.030E-03	< -5.600E-03	< -5.430E-03	1.940E-02	1.770E+01	7.360E-02
		{ 2.910E-01 }	{ 9.990E-03 }	{ 8.270E-03 }	{ 8.640E-03 }	{ 3.600E-02 }	{ 1.870E+00 }	{ 1.550E-02 }
MEAN		2.397E+00	4.000E-03	1.873E-03	3.570E-03	1.837E-02	1.730E+01	7.653E-02
MINIMUM		2.220E+00	3.030E-03	< -5.600E-03	< -5.430E-03	1.000E-02	1.650E+01	7.360E-02
MAXIMUM		2.520E+00	5.660E-03	5.910E-03	1.430E-02	2.570E-02	1.770E+01	8.050E-02
2STD. ERR		1.812E-01	1.668E-03	7.481E-03	1.152E-02	9.123E-03	8.000E-01	4.116E-03

2473 EAST WAHLUKE AREA (ALFALFA , STM-LV)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	SR-90 PCI/G
05/26/1994		3.850E+00	1.270E-02	< -7.250E-03	< -3.800E-03	3.670E-02	2.940E+01	3.940E-02
		{ 4.760E-01 }	{ 1.600E-02 }	{ 1.220E-02 }	{ 1.340E-02 }	{ 6.540E-02 }	{ 3.070E+00 }	{ 1.010E-02 }
		2.970E+00	1.260E-02	< -6.880E-03	7.380E-03	< -1.140E-02	2.690E+01	4.860E-02
		{ 3.960E-01 }	{ 1.690E-02 }	{ 1.150E-02 }	{ 1.220E-02 }	{ 6.340E-02 }	{ 2.830E+00 }	{ 1.170E-02 }
		3.430E+00	9.430E-03	< -1.140E-02	< -1.870E-03	< -3.000E-02	2.260E+01	3.680E-02
		{ 4.130E-01 }	{ 1.320E-02 }	{ 9.830E-03 }	{ 1.100E-02 }	{ 4.400E-02 }	{ 2.390E+00 }	{ 1.040E-02 }
MEAN		3.417E+00	1.158E-02	-8.510E-03	5.700E-04	-1.567E-03	2.630E+01	4.160E-02
MINIMUM		2.970E+00	9.430E-03	< -1.140E-02	< -3.800E-03	< -3.000E-02	2.260E+01	3.680E-02
MAXIMUM		3.850E+00	1.270E-02	< -6.880E-03	7.380E-03	3.670E-02	2.940E+01	4.860E-02
2STD. ERR		5.082E-01	2.147E-03	2.898E-03	6.901E-03	3.974E-02	3.972E+00	7.159E-03

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis

2480 HORN RAPIDS AREA (ALFALFA , STM-LV)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	SR-90 PCI/G
05/12/1994		1.410E+00	1.740E-03	< -3.470E-04	< -1.190E-03	< -1.340E-03	2.910E+01	1.420E-01
		{ 2.340E-01 }	{ 1.310E-02 }	{ 8.340E-03 }	{ 1.030E-02 }	{ 4.450E-02 }	{ 2.990E+00 }	{ 2.980E-02 }
		1.330E+00	8.150E-03	< -3.110E-03	< .000E+00	5.800E-02	2.660E+01	1.520E-01
		{ 2.040E-01 }	{ 9.680E-03 }	{ 7.720E-03 }	{ 8.960E-03 }	{ 3.960E-02 }	{ 2.740E+00 }	{ 3.070E-02 }
		1.150E+00	< -4.950E-03	< -9.380E-03	1.530E-02	1.370E-02	2.790E+01	1.520E-01
		{ 2.140E-01 }	{ 1.270E-02 }	{ 8.190E-03 }	{ 9.460E-03 }	{ 4.250E-02 }	{ 2.860E+00 }	{ 3.100E-02 }
MEAN		1.297E+00	1.647E-03	-4.279E-03	4.703E-03	2.345E-02	2.787E+01	1.487E-01
MINIMUM		1.150E+00	< -4.950E-03	< -9.380E-03	< -1.190E-03	< -1.340E-03	2.660E+01	1.420E-01
MAXIMUM		1.410E+00	8.150E-03	< -3.470E-04	1.530E-02	5.800E-02	2.910E+01	1.520E-01
2STD. ERR		1.538E-01	7.564E-03	5.345E-03	1.062E-02	3.562E-02	1.444E+00	6.667E-03

2475 RIVERVIEW AREA (ALFALFA , STM-LV)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	SR-90 PCI/G
05/12/1994		1.290E+00	< -6.280E-03	< -1.350E-03	< -8.260E-04	2.110E-03	2.730E+01	1.670E-01
		{ 2.100E-01 }	{ 1.210E-02 }	{ 8.550E-03 }	{ 9.450E-03 }	{ 4.220E-02 }	{ 2.820E+00 }	{ 3.280E-02 }
		1.350E+00	1.460E-02	8.430E-03	1.100E-02	< -3.610E-02	2.870E+01	1.310E-01
		{ 2.090E-01 }	{ 1.150E-02 }	{ 7.690E-03 }	{ 9.260E-03 }	{ 4.240E-02 }	{ 2.950E+00 }	{ 2.660E-02 }
		1.290E+00	1.600E-02	6.880E-03	< -1.080E-02	< -1.770E-02	2.400E+01	1.160E-01
		{ 2.320E-01 }	{ 1.250E-02 }	{ 8.810E-03 }	{ 1.170E-02 }	{ 4.710E-02 }	{ 2.520E+00 }	{ 2.410E-02 }
MEAN		1.310E+00	8.107E-03	4.653E-03	-2.087E-04	-1.723E-02	2.667E+01	1.380E-01
MINIMUM		1.290E+00	< -6.280E-03	< -1.350E-03	< -1.080E-02	< -3.610E-02	2.400E+01	1.160E-01
MAXIMUM		1.350E+00	1.600E-02	8.430E-03	1.100E-02	2.110E-03	2.870E+01	1.670E-01
2STD. ERR		4.000E-02	1.441E-02	6.070E-03	1.260E-02	2.207E-02	2.786E+00	3.027E-02

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis

2474 SAGEMOOR AREA (ALFALFA , STM-LV)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	SR-90 PCI/G
05/12/1994		2.130E+00	< -5.260E-03	9.620E-03	1.890E-02	< -5.080E-03	2.710E+01	3.860E-02
		{ 3.080E-01}	{ 1.380E-02}	{ 9.970E-03}	{ 1.120E-02}	{ 4.600E-02}	{ 2.810E+01}	{ 1.170E-02}
		1.680E+00	2.440E-02	5.140E-03	1.700E-02	6.920E-03	2.470E+01	2.500E-02
		{ 2.970E-01}	{ 1.380E-02}	{ 9.670E-03}	{ 1.120E-02}	{ 4.710E-02}	{ 2.570E+00}	{ 7.670E-03}
		2.020E+00	2.480E-03	< -6.580E-04	5.990E-03	6.520E-03	2.360E+01	3.950E-02
		{ 2.880E-01}	{ 1.320E-02}	{ 9.390E-03}	{ 1.130E-02}	{ 4.530E-02}	{ 2.460E+00}	{ 1.000E-02}
MEAN		1.943E+00	7.207E-03	4.701E-03	1.396E-02	2.787E-03	2.513E+01	3.437E-02
MINIMUM		1.680E+00	< -5.260E-03	< -6.580E-04	5.990E-03	< -5.080E-03	2.360E+01	2.500E-02
MAXIMUM		2.130E+00	2.440E-02	9.620E-03	1.890E-02	6.920E-03	2.710E+01	3.950E-02
2STD. ERR		2.709E-01	1.776E-02	5.950E-03	8.048E-03	7.870E-03	2.067E+00	9.381E-03

2478 SUNNYSIDE AREA (ALFALFA , STM-LV)

OFF. DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	SR-90 PCI/G
06/02/1994		2.940E-02	4.640E-03	4.810E-03	1.680E-02	5.450E-03	2.600E+01	3.240E-02
		{ 7.120E-02}	{ 1.180E-02}	{ 7.990E-03}	{ 1.020E-02}	{ 4.420E-02}	{ 2.680E+00}	{ 9.260E-03}
		8.730E-02	1.110E-02	< -1.330E-03	7.250E-03	< -4.150E-02	2.480E+01	4.110E-02
		{ 7.700E-02}	{ 1.180E-02}	{ 1.050E-02}	{ 1.220E-02}	{ 4.720E-02}	{ 2.610E+00}	{ 1.470E-02}
		< -2.100E-02	7.880E-03	< -1.720E-03	< -2.920E-03	2.070E-03	2.820E+01	3.500E-02
		{ 9.310E-02}	{ 1.730E-02}	{ 1.140E-02}	{ 1.480E-02}	{ 5.950E-02}	{ 2.930E+00}	{ 1.380E-02}
MEAN		3.190E-02	7.873E-03	5.867E-04	7.043E-03	-1.133E-02	2.633E+01	3.617E-02
MINIMUM		< -2.100E-02	4.640E-03	< -1.720E-03	< -2.920E-03	< -4.150E-02	2.480E+01	3.240E-02
MAXIMUM		8.730E-02	1.110E-02	4.810E-03	1.680E-02	5.450E-03	2.820E+01	4.110E-02
2STD. ERR		6.258E-02	3.730E-03	4.229E-03	1.139E-02	3.024E-02	1.991E+00	5.157E-03

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis

2586 BENTON CITY AREA (WHEAT , Grain)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	SR-90 PCI/G
08/11/1994		< -8.910E-03 { 5.110E-02}	1.630E-03 { 4.610E-03}	< -2.670E-03 { 4.230E-03}	4.250E-05 { 5.290E-03}	4.420E-03 { 1.900E-02}	3.190E+00 { 4.060E-01}	1.490E-03 { 3.090E-03}

2583 EAST WAHLUKE AREA (WHEAT , Grain)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	SR-90 PCI/G
07/18/1994		6.650E-02 { 6.280E-02}	2.870E-03 { 1.010E-02}	2.390E-04 { 6.850E-03}	8.130E-03 { 7.680E-03}	9.390E-03 { 2.550E-02}	5.020E+00 { 6.530E-01}	3.880E-03 { 3.300E-03}

2585 RIVERVIEW AREA (WHEAT , Grain)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	SR-90 PCI/G
07/14/1994		7.110E-02 { 4.270E-02}	< -7.950E-03 { 7.700E-03}	< -8.300E-04 { 5.400E-03}	< -1.980E-03 { 5.840E-03}	5.690E-03 { 2.080E-02}	3.870E+00 { 4.840E-01}	4.920E-03 { 4.580E-03}

2584 SAGEMOOR AREA (WHEAT , Grain)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	PU-238 PCI/G	PU39-40 PCI/G
07/18/1994		4.940E-02 { 5.200E-02}	< -4.240E-03 { 8.500E-03}	< -1.970E-03 { 6.750E-03}	< -4.760E-03 { 6.500E-03}	1.690E-03 { 2.550E-02}	3.970E+00 { 5.270E-01}	4.180E-05 { 8.630E-05}	< -1.030E-05 { 1.280E-04}

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis

2584 SAGEMOOR AREA (WHEAT , Grain)

OFF DATE	COM	SR-90 PCI/G
07/18/1994		8.830E-03 { 4.330E-03}

2587 SUNNYSIDE AREA (WHEAT , Grain)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	PU-238 PCI/G	PU39-40 PCI/G
08/11/1994		2.370E-02 { 4.590E-02}	< -2.370E-03 { 6.530E-03}	< -3.700E-04 { 4.690E-03}	< -3.410E-03 { 5.080E-03}	< -2.330E-03 { 2.110E-02}	4.190E+00 { 5.190E-01}	< -2.700E-05 { 5.430E-05}	9.450E-05 { 1.290E-04}

2587 SUNNYSIDE AREA (WHEAT , Grain)

OFF DATE	COM	SR-90 PCI/G
08/11/1994		8.820E-04 { 3.280E-03}

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
which includes the 2 sigma counting error and analytical error
{ } - Total Propagated Analytical Uncertainty.
NR - No result reported.
nra - Not routinely analyzed or analyzed on a less frequent basis

2730 RIVERVIEW AREA (COW , Muscle)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	SR-90 PCI/G
02/15/1995		< -3.760E-03 { 5.430E-02}	1.550E-03 { 7.050E-03}	9.260E-05 { 4.960E-03}	6.220E-03 { 5.450E-03}	2.500E-02 { 2.220E-02}	2.330E+00 { 3.520E-01}	< -7.800E-05 { 3.400E-03}

2729 SAGEMOOR AREA (COW , Muscle)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	SR-90 PCI/G
02/15/1995		8.480E-03 { 4.430E-02}	< -4.210E-03 { 8.070E-03}	3.590E-03 { 4.990E-03}	< -5.050E-03 { 6.580E-03}	9.200E-03 { 2.310E-02}	2.390E+00 { 3.770E-01}	< -2.200E-03 { 2.180E-03}

2731 SUNNYSIDE AREA (COW , Muscle)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	SR-90 PCI/G
02/14/1995		8.920E-03 { 4.720E-02}	2.220E-03 { 8.290E-03}	1.010E-03 { 5.660E-03}	4.830E-03 { 6.340E-03}	2.500E-04 { 2.080E-02}	2.620E+00 { 3.820E-01}	< -1.440E-03 { 2.530E-03}

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
which includes the 2 sigma counting error and analytical error
{ } - Total Propagated Analytical Uncertainty.
NR - No result reported.
nra - Not routinely analyzed or analyzed on a less frequent basis

2421 SAGEMOOR AREA (CHICKEN , Eggs)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	SR-90 PCI/G
04/06/1994		< 2.870E-03 { 1.530E-01}	< -4.630E-03 { 2.110E-02}	< 1.740E-03 { 2.010E-02}	< -1.520E-02 { 2.040E-02}	< 4.500E-02 { 5.270E-02}	7.830E-01 { 5.150E-01}	2.170E-01 { 6.450E-02}
09/21/1994		< -1.610E-01 { 3.230E-01}	< 1.440E-02 { 4.590E-02}	< -1.170E-02 { 3.700E-02}	< 2.380E-02 { 3.940E-02}	< 9.390E-03 { 8.610E-02}	1.510E+00 { 7.290E-01}	< 5.240E-04 { 2.630E-03}
MEAN		-7.907E-02	4.885E-03	-4.980E-03	4.300E-03	2.720E-02	1.147E+00	1.088E-01
MINIMUM		< -1.610E-01	< -4.630E-03	< -1.170E-02	< -1.520E-02	< 9.390E-03	7.830E-01	< 5.240E-04
MAXIMUM		< 2.870E-03	< 1.440E-02	< 1.740E-03	< 2.380E-02	< 4.500E-02	1.510E+00	2.170E-01
2STD. ERR		1.639E-01	1.903E-02	1.344E-02	3.900E-02	3.561E-02	7.270E-01	2.165E-01

2423 SUNNYSIDE AREA (CHICKEN , Eggs)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	SR-90 PCI/G
03/29/1994	1	< 7.850E-02 { 9.710E-02}	< -1.050E-02 { 1.410E-02}	< -2.750E-04 { 1.110E-02}	1.190E-02 { 1.030E-02}	< -2.430E-02 { 3.620E-02}	1.110E+00 { 3.300E-01}	1.310E-02 { 6.230E-03}
09/13/1994		< -3.610E-02 { 2.150E-01}	< 4.280E-03 { 2.920E-02}	< 9.760E-03 { 2.480E-02}	< 5.080E-03 { 2.740E-02}	8.600E-02 { 7.380E-02}	1.310E+00 { 6.280E-01}	< -5.720E-05 { 2.080E-03}
MEAN		2.120E-02	-3.110E-03	4.743E-03	8.490E-03	3.085E-02	1.210E+00	6.521E-03
MINIMUM		< -3.610E-02	< -1.050E-02	< -2.750E-04	< 5.080E-03	< -2.430E-02	1.110E+00	< -5.700E-05
MAXIMUM		< 7.850E-02	< 4.280E-03	< 9.760E-03	1.190E-02	8.600E-02	1.310E+00	1.310E-02
2STD. ERR		1.146E-01	1.478E-02	1.004E-02	6.820E-03	1.103E-01	2.000E-01	1.316E-02

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis
 1 20 MEDIUM SIZE EGGS.

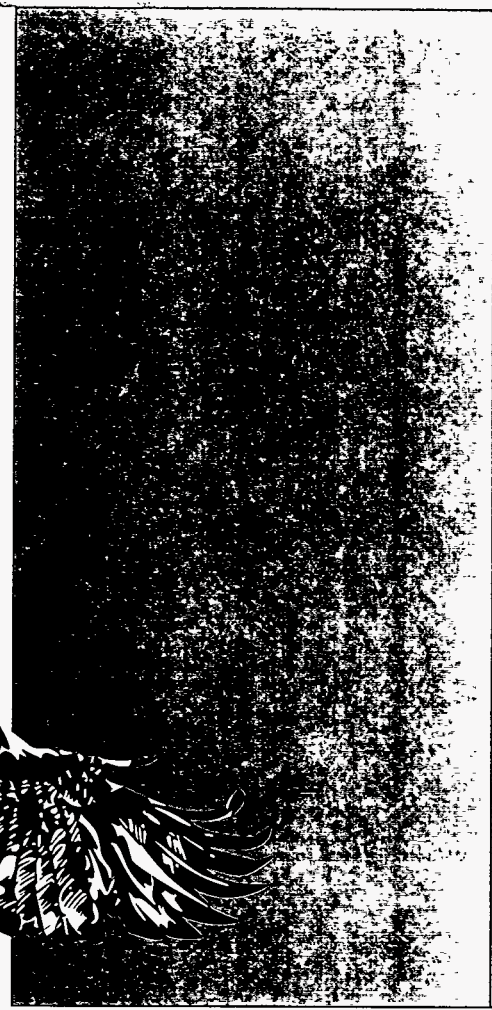
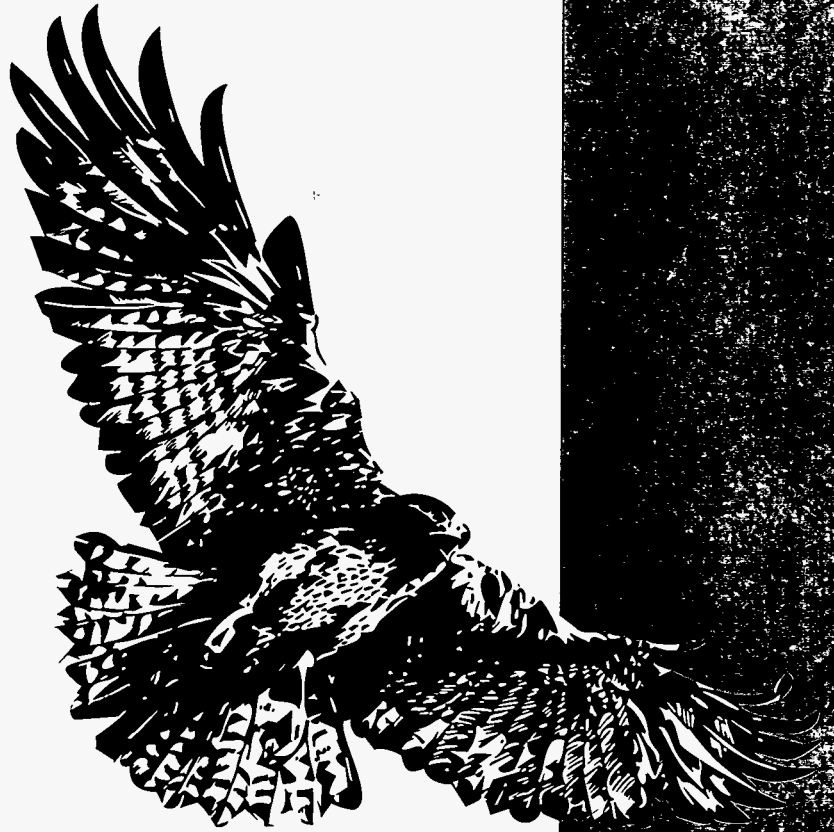
2420 SAGEMOOR AREA (CHICKEN , Muscle)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	SR-90 PCI/G
04/06/1994		< -1.410E-01 { 1.730E-01}	< 1.840E-02 { 2.090E-02}	< 9.840E-03 { 1.970E-02}	< -4.440E-03 { 1.750E-02}	< 2.370E-02 { 7.040E-02}	3.210E+00 { 6.290E-01}	< 4.320E-03 { 9.070E-03}
09/21/1994		< 5.820E-02 { 2.310E-01}	< -1.180E-02 { 3.630E-02}	< -1.070E-02 { 2.990E-02}	3.420E-02 { 2.890E-02}	8.770E-02 { 5.360E-02}	2.670E+00 { 9.980E-01}	< -2.470E-03 { 2.220E-03}
MEAN		-4.140E-02	3.300E-03	-4.300E-04	1.488E-02	5.570E-02	2.940E+00	9.250E-04
MINIMUM		< -1.410E-01	< -1.180E-02	< -1.070E-02	< -4.440E-03	< 2.370E-02	2.670E+00	< -2.470E-03
MAXIMUM		< 5.820E-02	< 1.840E-02	< 9.840E-03	3.420E-02	8.770E-02	3.210E+00	< 4.320E-03
2STD. ERR		1.992E-01	3.020E-02	2.054E-02	3.864E-02	6.400E-02	5.400E-01	6.790E-03

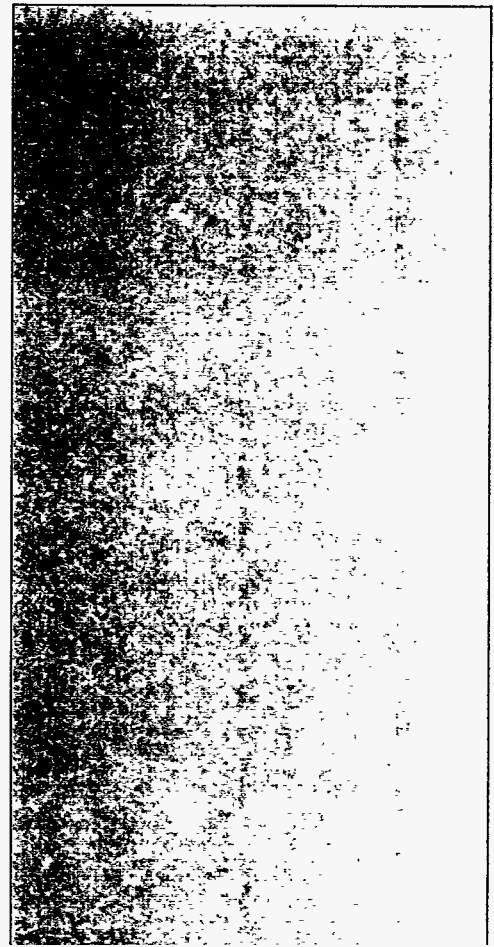
2422 SUNNYSIDE AREA (CHICKEN , Muscle)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	SR-90 PCI/G
03/29/1994	1	< 2.610E-02 { 1.360E-01}	< 5.870E-03 { 1.680E-02}	< 8.350E-03 { 1.600E-02}	< 4.500E-03 { 1.890E-02}	< 9.040E-03 { 4.100E-02}	3.210E+00 { 6.650E-01}	< 2.080E-03 { 1.170E-02}
09/13/1994		< -6.500E-02 { 2.000E-01}	< -1.120E-02 { 2.160E-02}	< 4.580E-03 { 1.940E-02}	< 9.850E-03 { 2.440E-02}	< 3.340E-02 { 7.740E-02}	2.420E+00 { 7.590E-01}	< -2.190E-04 { 2.660E-03}
MEAN		-1.945E-02	-2.665E-03	6.465E-03	7.175E-03	2.122E-02	2.815E+00	9.300E-04
MINIMUM		< -6.500E-02	< -1.120E-02	< 4.580E-03	< 4.500E-03	< 9.040E-03	2.420E+00	< -2.190E-04
MAXIMUM		< 2.610E-02	< 5.870E-03	< 8.350E-03	< 9.850E-03	< 3.340E-02	3.210E+00	< 2.080E-03
2STD. ERR		9.110E-02	1.707E-02	3.770E-03	5.350E-03	2.436E-02	7.900E-01	2.299E-03

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis
 1 MUSCLE SAMPLE COLLECTED FROM TWO CHICKENS.



Wildlife



2611 100 F SLOUGH (BASS , Carcass)

OFF DATE	COM	SR-90 PCI/G
05/13/1994		1.270E-02 { 5.290E-03 2.370E-02 { 7.420E-03
05/16/1994		2.580E-02 { 7.630E-03 2.330E-02 { 6.840E-03
05/18/1994		1.140E-02 { 4.670E-03

MEAN		1.938E-02
MINIMUM		1.140E-02
MAXIMUM		2.580E-02
2STD. ERR		6.059E-03

2610 100 F SLOUGH (BASS , Muscle)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	SR-90 PCI/G
05/13/1994		1.410E-02 { 4.870E-02 < -2.410E-02 { 5.940E-02	< -4.270E-03 { 8.560E-03 < -4.350E-03 { 8.870E-03	9.380E-04 { 6.410E-03 < -1.900E-03 { 5.970E-03	2.390E-02 { 1.100E-02 1.690E-02 { 8.480E-03	1.700E-03 { 2.330E-02 < -6.420E-03 { 2.370E-02	3.600E+00 { 4.910E-01 3.090E+00 { 4.110E-01	6.200E-04 { 3.160E-03 1.080E-02 { 8.320E-03
05/16/1994		8.770E-02 { 2.340E-01 < -5.670E-02 { 2.620E-01	< -1.140E-02 { 3.510E-02 2.510E-02 { 2.460E-02	< -5.760E-03 { 3.060E-02 1.620E-02 { 2.870E-02	4.990E-02 { 3.060E-02 4.520E-02 { 3.110E-02	< -3.090E-02 { 9.540E-02 < -5.860E-02 { 1.050E-01	1.990E+00 { 9.480E-01 3.000E+00 { 1.090E+00	< -8.460E-04 { 4.000E-03 < -3.050E-04 { 2.520E-03
05/18/1994		< -1.180E-01 { 2.070E-01	3.860E-03 { 3.110E-02	< -2.380E-03 { 2.750E-02	4.020E-02 { 3.180E-02	< -4.880E-02 { 1.110E-01	3.560E+00 { 8.540E-01	< -2.380E-03 { 4.560E-03

MEAN		-1.940E-02	1.788E-03	1.420E-03	3.522E-02	-2.860E-02	3.048E+00	1.578E-03
MINIMUM		< -1.180E-01	< -1.140E-02	< -5.760E-03	1.690E-02	< -5.860E-02	1.990E+00	< -2.380E-03
MAXIMUM		8.770E-02	2.510E-02	1.620E-02	4.990E-02	1.700E-03	3.600E+00	1.080E-02
2STD. ERR		6.889E-02	1.262E-02	7.690E-03	1.268E-02	2.334E-02	5.814E-01	4.713E-03

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty which includes the 2 sigma counting error and analytical error
{ } - Total Propagated Analytical Uncertainty.
NR - No result reported.
nra - Not routinely analyzed or analyzed on a less frequent basis

2622 100-N - 100-D (CARP , Carcass)

OFF DATE	COM	SR-90 PCI/G
08/18/1994		4.780E-02
		{ 1.180E-02 }
		2.950E-02
		{ 9.480E-03 }
		3.850E-02
		{ 9.850E-03 }
		4.960E-02
		{ 1.180E-02 }
		3.590E-02
		{ 1.090E-02 }

MEAN		4.026E-02
MINIMUM		2.950E-02
MAXIMUM		4.960E-02
2STD. ERR		7.510E-03

2621 100-N - 100-D (CARP , Muscle)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	SR-90 PCI/G
08/18/1994		1.120E-02	1.790E-02	< -6.370E-03	1.340E-02	< -3.820E-02	2.850E+00	< -2.700E-04
		{ 2.250E-01 }	{ 2.090E-02 }	{ 1.850E-02 }	{ 2.210E-02 }	{ 6.570E-02 }	{ 7.600E-01 }	{ 2.660E-03 }
		< -7.910E-02	< -3.460E-03	7.590E-04	< -2.720E-03	< -4.670E-03	2.810E+00	3.970E-03
		{ 2.290E-01 }	{ 2.400E-02 }	{ 1.890E-02 }	{ 2.330E-02 }	{ 7.170E-02 }	{ 6.090E-01 }	{ 3.170E-03 }
		< -9.960E-03	1.160E-03	< -2.780E-03	< -5.600E-03	3.130E-02	3.710E+00	4.210E-03
		{ 2.000E-01 }	{ 1.940E-02 }	{ 1.840E-02 }	{ 1.890E-02 }	{ 5.750E-02 }	{ 7.470E-01 }	{ 4.230E-03 }
		1.960E-01	8.450E-03	3.010E-02	2.800E-02	< -3.430E-02	3.160E+00	3.760E-03
		{ 1.930E-01 }	{ 2.150E-02 }	{ 1.650E-02 }	{ 2.350E-02 }	{ 6.120E-02 }	{ 6.930E-01 }	{ 2.750E-03 }
		< -1.400E-02	< -2.350E-03	< -4.700E-04	< -1.260E-02	< -6.910E-02	3.280E+00	2.610E-02
		{ 1.990E-01 }	{ 1.910E-02 }	{ 1.730E-02 }	{ 1.990E-02 }	{ 7.070E-02 }	{ 6.870E-01 }	{ 6.760E-03 }

MEAN		2.083E-02	4.340E-03	4.248E-03	4.096E-03	-2.299E-02	3.162E+00	7.554E-03
MINIMUM		< -7.910E-02	< -3.460E-03	< -6.370E-03	< -1.260E-02	< -6.910E-02	2.810E+00	< -2.700E-04
MAXIMUM		1.960E-01	1.790E-02	3.010E-02	2.800E-02	3.130E-02	3.710E+00	2.610E-02
2STD. ERR		9.265E-02	7.956E-03	1.315E-02	1.468E-02	3.397E-02	3.273E-01	9.419E-03

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
which includes the 2 sigma counting error and analytical error
{ } - Total Propagated Analytical Uncertainty.
NR - No result reported.
nra - Not routinely analyzed or analyzed on a less frequent basis

2698 100-N - 100-D (WHITEFISH , Carcass)

OFF DATE	COM	SR-90 PCI/G
08/18/1994		9.850E-02
		{ 2.870E-02 }
		6.480E-02
		{ 2.430E-02 }
		4.970E-02
		{ 1.770E-02 }
		1.690E-02
		{ 6.300E-03 }
		1.920E-02
		{ 1.220E-02 }
		3.470E-02
		{ 1.250E-02 }
		1.560E-02
		{ 8.300E-03 }
		1.170E-02
		{ 9.000E-03 }
		1.820E-02
		{ 1.630E-02 }
		1.310E-02
		{ 9.810E-03 }

MEAN		3.424E-02
MINIMUM		1.170E-02
MAXIMUM		9.850E-02
2STD. ERR		1.812E-02

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
which includes the 2 sigma counting error and analytical error
{ } - Total Propagated Analytical Uncertainty.
NR - No result reported.
nra - Not routinely analyzed or analyzed on a less frequent basis

2697 100-N - 100-D

(WHITEFISH , Muscle)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	SR-90 PCI/G
08/18/1994		3.300E-01	6.510E-03	< -5.250E-03	1.330E-01	3.370E-02	3.790E+00	1.190E-02
		{ 1.720E-01 }	{ 1.920E-02 }	{ 2.170E-02 }	{ 3.500E-02 }	{ 6.180E-02 }	{ 7.640E-01 }	{ 5.190E-03 }
		6.430E-02	6.730E-03	4.400E-03	< -1.870E-02	< -3.650E-02	3.450E-01	1.170E-02
		{ 2.190E-01 }	{ 1.900E-02 }	{ 1.860E-02 }	{ 2.330E-02 }	{ 6.180E-02 }	{ 7.050E-01 }	{ 5.020E-03 }
		9.730E-02	3.760E-02	5.400E-03	3.180E-03	5.140E-02	2.460E+00	7.960E-03
		{ 1.480E-01 }	{ 1.880E-02 }	{ 1.870E-02 }	{ 2.290E-02 }	{ 5.420E-02 }	{ 6.600E-01 }	{ 4.270E-03 }
		< -3.680E-01	< -7.600E-03	1.710E-02	1.140E-02	< -2.960E-02	3.480E+00	3.270E-03
		{ 2.360E-01 }	{ 2.130E-02 }	{ 1.620E-02 }	{ 1.970E-02 }	{ 6.260E-02 }	{ 7.210E-01 }	{ 4.190E-03 }
		1.730E-01	< -3.230E-02	< -2.230E-02	3.130E-03	< -1.370E-01	3.720E+00	7.030E-04
		{ 3.410E-01 }	{ 4.110E-02 }	{ 3.380E-02 }	{ 3.530E-02 }	{ 1.160E-01 }	{ 9.340E-01 }	{ 3.450E-03 }
		3.080E-01	< -2.240E-02	8.450E-03	< -2.510E-03	< -8.750E-02	3.220E+00	1.080E-02
		{ 1.360E-01 }	{ 1.990E-02 }	{ 1.750E-02 }	{ 2.020E-02 }	{ 6.860E-02 }	{ 6.960E-01 }	{ 4.460E-03 }
		8.360E-02	< -2.670E-04	4.190E-04	2.370E-02	6.120E-02	3.220E+00	2.300E-04
		{ 1.790E-01 }	{ 1.760E-02 }	{ 1.670E-02 }	{ 1.800E-02 }	{ 5.210E-02 }	{ 6.410E-01 }	{ 3.190E-03 }
		< -8.400E-02	< -1.410E-02	1.030E-03	5.500E-03	< -3.740E-02	4.220E+00	1.710E-03
		{ 1.910E-01 }	{ 2.700E-02 }	{ 1.840E-02 }	{ 2.260E-02 }	{ 6.870E-02 }	{ 8.030E-01 }	{ 3.220E-03 }
		7.030E-02	< -1.310E-02	2.580E-03	2.880E-02	1.520E-02	3.880E+00	< -1.310E-03
		{ 1.830E-01 }	{ 3.110E-02 }	{ 2.070E-02 }	{ 2.130E-02 }	{ 5.910E-02 }	{ 9.560E-01 }	{ 2.710E-03 }
		< -1.030E-02	3.340E-03	1.310E-02	2.150E-02	< -2.260E-03	3.260E+00	2.020E-03
		{ 1.720E-01 }	{ 1.830E-02 }	{ 1.550E-02 }	{ 1.970E-02 }	{ 5.310E-02 }	{ 7.030E-01 }	{ 3.670E-03 }
MEAN		6.642E-02	-3.559E-03	2.493E-03	2.090E-02	-1.688E-02	3.160E+00	4.898E-03
MINIMUM		< -3.680E-01	< -3.230E-02	< -2.230E-02	< -1.870E-02	< -1.370E-01	3.450E-01	< -1.310E-03
MAXIMUM		3.300E-01	3.760E-02	1.710E-02	1.330E-01	6.120E-02	4.220E+00	1.190E-02
2STD. ERR		1.261E-01	1.222E-02	6.846E-03	2.642E-02	3.941E-02	6.956E-01	3.256E-03

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
which includes the 2 sigma counting error and analytical error

{ } - Total Propagated Analytical Uncertainty.

NR - No result reported.

nra - Not routinely analyzed or analyzed on a less frequent basis

2624 300 AREA (CARP , Carcass)

OFF DATE	COM	SR-90 PCI/G
08/04/1994		2.000E-02
		{ 1.280E-02 }
		2.450E-02
		{ 1.490E-02 }
		1.490E-01
		{ 3.530E-02 }
		3.210E-02
		{ 1.790E-02 }
		1.690E-02
		{ 1.070E-02 }

MEAN		4.850E-02
MINIMUM		1.690E-02
MAXIMUM		1.490E-01
2STD. ERR		5.051E-02

2623 300 AREA (CARP , Muscle)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	SR-90 PCI/G
08/04/1994		6.220E-02	4.730E-04	< -9.560E-04	3.640E-03	< -4.360E-03	3.050E+00	4.190E-04
		{ 5.750E-02 }	{ 7.110E-03 }	{ 5.360E-03 }	{ 7.120E-03 }	{ 2.200E-02 }	{ 4.300E-01 }	{ 2.500E-03 }
		< -2.310E-02	3.340E-03	6.890E-03	1.860E-02	6.030E-03	2.910E+00	6.380E-04
		{ 6.390E-02 }	{ 6.500E-03 }	{ 4.780E-03 }	{ 9.970E-03 }	{ 2.040E-02 }	{ 4.240E-01 }	{ 4.180E-03 }
		< -2.920E-02	1.310E-02	3.770E-03	1.150E-02	5.970E-03	2.660E+00	2.440E-04
		{ 5.730E-02 }	{ 6.280E-03 }	{ 5.030E-03 }	{ 5.830E-03 }	{ 1.960E-02 }	{ 3.780E-01 }	{ 3.040E-03 }
		5.920E-02	< -6.930E-04	7.700E-03	2.700E-03	< -2.340E-02	3.700E+00	8.770E-04
		{ 6.890E-02 }	{ 1.030E-02 }	{ 6.510E-03 }	{ 9.340E-03 }	{ 2.680E-02 }	{ 5.270E-01 }	{ 2.790E-03 }
		< -8.410E-02	5.740E-03	2.060E-03	< -1.410E-03	2.340E-02	3.470E+00	1.830E-05
		{ 7.830E-02 }	{ 8.320E-03 }	{ 5.980E-03 }	{ 9.190E-03 }	{ 2.770E-02 }	{ 4.940E-01 }	{ 4.480E-03 }

MEAN		-3.000E-03	4.392E-03	3.893E-03	7.006E-03	1.528E-03	3.158E+00	4.393E-04
MINIMUM		< -8.410E-02	< -6.930E-04	< -9.560E-04	< -1.410E-03	< -2.340E-02	2.660E+00	1.830E-05
MAXIMUM		6.220E-02	1.310E-02	7.700E-03	1.860E-02	2.340E-02	3.700E+00	8.770E-04
2STD. ERR		5.619E-02	4.898E-03	3.174E-03	7.146E-03	1.533E-02	3.774E-01	2.990E-04

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
which includes the 2 sigma counting error and analytical error
{ } - Total Propagated Analytical Uncertainty.
NR - No result reported.
nra - Not routinely analyzed or analyzed on a less frequent basis

2706 300 AREA (CLAMS , Shells)

OFF DATE	COM	SR-90 PCI/G
08/08/1994		2.750E-01 { 5.600E-02}

2705 300 AREA (CLAMS , WholeOrg)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	SR-90 PCI/G	TC-99 PCI/G
08/08/1994		< -3.330E-01 { 2.740E-01}	< -1.600E-02 { 3.370E-02}	5.800E-03 { 2.950E-02}	< -2.150E-02 { 2.780E-02}	1.080E-02 { 8.680E-02}	3.460E-01 { 6.620E-01}	3.070E-03 { 4.370E-03}	3.920E-01 { 4.220E-01}

2705 300 AREA (CLAMS , WholeOrg)

OFF DATE	COM	U-234 PCI/G	U-235 PCI/G	U-238 PCI/G	UIISO TOTAL PCI/G
08/08/1994		5.240E-02 { 1.100E-02}	2.470E-03 { 2.280E-03}	4.290E-02 { 9.680E-03}	9.777E-02 { 1.483E-02}

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
which includes the 2 sigma counting error and analytical error
{ } - Total Propagated Analytical Uncertainty.
NR - No result reported.
nra - Not routinely analyzed or analyzed on a less frequent basis

2700 300 AREA (WHITEFISH , Carcass)

OFF DATE	COM	SR-90 PCI/G
09/01/1994		5.970E-03 { 3.940E-03 4.170E-03 { 6.160E-03
12/22/1994		1.760E-02 { 6.280E-03 9.510E-03 { 4.880E-03 1.200E-02 { 4.820E-03 1.050E-02 { 3.560E-03 1.220E-02 { 4.910E-03
MEAN		1.028E-02
MINIMUM		4.170E-03
MAXIMUM		1.760E-02
2STD. ERR		3.335E-03

2699 300 AREA (WHITEFISH , Muscle)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	SR-90 PCI/G	TC-99 PCI/G
09/01/1994		1.510E-01 { 2.890E-01 1.170E-02 { 4.540E-01	< -1.300E-02 { 3.810E-02 < -4.150E-02 { 5.230E-02	< -9.270E-03 { 2.760E-02 5.530E-02 { 4.060E-02	< -8.070E-03 { 2.760E-02 < -2.570E-03 { 4.790E-02	9.650E-02 { 7.430E-02 < -3.730E-02 { 1.230E-01	2.450E+00 { 9.510E-01 3.550E+00 { 1.130E+00	< -1.050E-03 { 2.090E-03 < -1.710E-03 { 5.760E-03	1.590E-02 { 4.100E-01 1.190E-01 { 4.220E-01
12/22/1994		1.460E-01 { 2.220E-01 1.540E-02 { 2.600E-01 1.290E-01 { 2.500E-01 2.010E-01 { 2.290E-01 < -2.020E-01 { 2.410E-01	< -6.790E-04 { 2.240E-02 2.240E-02 { 2.620E-02 < -7.850E-04 { 2.590E-02 < -1.710E-02 { 2.310E-02 < -4.910E-03 { 2.720E-02	3.720E-03 { 2.000E-02 2.240E-02 { 2.510E-02 7.020E-03 { 2.430E-02 1.760E-02 { 2.110E-02 < -3.940E-04 { 2.250E-02	4.650E-03 { 2.430E-02 < -3.310E-02 { 2.980E-02 1.250E-02 { 2.200E-02 < .000E+00 { 2.270E-02 < -8.280E-02 { 2.550E-02	< -3.310E-02 { 6.980E-02 < -9.790E-02 { 1.160E-01 < -7.630E-02 { 8.470E-02 < -2.820E-02 { 6.880E-02 < -8.280E-02 { 9.170E-02	2.480E+00 { 6.520E-01 3.680E+00 { 9.780E-01 3.710E+00 { 1.030E+00 3.450E+00 { 9.110E-01 < -4.970E-04 { 7.390E-01	5.000E-05 { 2.090E-03 < -5.290E-04 { 2.600E-03 1.170E-03 { 2.850E-03 1.550E-03 { 2.700E-03 < -4.970E-04 { 2.170E-03	3.590E-02 { 3.440E-01 < -1.970E-02 { 3.500E-01 7.720E-02 { 4.080E-01 1.370E-01 { 3.270E-01 2.710E-01 { 3.650E-01
MEAN		6.459E-02	-7.939E-03	1.377E-02	7.616E-03	-3.701E-02	3.109E+00	-1.451E-04	9.090E-02
MINIMUM		< -2.020E-01	< -4.150E-02	< -9.270E-03	< -8.070E-03	< -9.790E-02	2.440E+00	< -1.710E-03	< -1.970E-02
MAXIMUM		2.010E-01	2.240E-02	5.530E-02	3.310E-02	9.650E-02	3.710E+00	1.550E-03	2.710E-01
2STD. ERR		1.038E-01	1.470E-02	1.601E-02	1.036E-02	4.905E-02	4.655E-01	8.826E-04	7.330E-02

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
which includes the 2 sigma counting error and analytical error
{ } - Total Propagated Analytical Uncertainty.
NR - No result reported.
nra - Not routinely analyzed or analyzed on a less frequent basis

2699 300 AREA

(WHITEFISH , Muscle)

OFF DATE	COM	U-234 PCI/G	U-235 PCI/G	U-238 PCI/G	UIISO TOTAL PCI/G
09/01/1994		1.650E-03 { 2.220E-03 }	< -4.410E-04 { 3.910E-04 }	1.050E-03 { 1.820E-03 }	2.259E-03 { 2.897E-03 }
		1.230E-03 { 2.980E-03 }	9.180E-04 { 2.470E-03 }	< -7.880E-06 { 2.580E-03 }	2.140E-03 { 4.652E-03 }
12/22/1994		5.480E-04 { 1.170E-03 }	6.050E-04 { 7.120E-04 }	< -5.280E-04 { 6.830E-04 }	6.250E-04 { 1.530E-03 }
		< -2.290E-05 { 1.060E-03 }	2.640E-04 { 5.600E-04 }	< -4.590E-05 { 8.760E-04 }	1.952E-04 { 1.485E-03 }
		1.130E-02 { 1.020E-02 }	5.870E-03 { 6.040E-03 }	4.250E-05 { 6.100E-03 }	1.721E-02 { 1.333E-02 }
		1.150E-03 { 1.510E-03 }	1.720E-04 { 6.140E-04 }	< -1.170E-03 { 1.270E-03 }	1.520E-04 { 2.066E-03 }
		1.290E-02 { 1.040E-02 }	2.490E-03 { 7.000E-03 }	< -3.270E-03 { 1.030E-02 }	1.212E-02 { 1.623E-02 }
MEAN		4.108E-03	1.411E-03	-5.613E-04	4.958E-03
MINIMUM		< -2.290E-05	< -4.410E-04	< -3.270E-03	1.520E-04
MAXIMUM		1.290E-02	5.870E-03	1.050E-03	1.721E-02
2STD. ERR		4.161E-03	1.639E-03	1.035E-03	5.175E-03

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
which includes the 2 sigma counting error and analytical error
{ } - Total Propagated Analytical Uncertainty.
NR - No result reported.
nra - Not routinely analyzed or analyzed on a less frequent basis

2626 VANTAGE

(CARP , Carcass)

OFF DATE	COM	SR-90 PCI/G	U-234 PCI/G	U-235 PCI/G	U-238 PCI/G	UIISO TOTAL PCI/G
07/15/1994		4.230E-02	2.410E-02	6.500E-04	1.870E-02	4.345E-02
		{ 1.800E-02 }	{ 7.610E-03 }	{ 2.140E-03 }	{ 6.520E-03 }	{ 1.025E-02 }
		1.120E-01	1.710E-02	< -4.320E-04	1.530E-02	3.197E-02
		{ 2.520E-02 }	{ 6.610E-03 }	{ 1.340E-03 }	{ 6.080E-03 }	{ 9.080E-03 }
		9.900E-02	6.780E-03	4.180E-06	3.810E-03	1.059E-02
		{ 2.040E-02 }	{ 4.900E-03 }	{ 1.390E-03 }	{ 3.800E-03 }	{ 6.355E-03 }
		1.080E-01	1.260E-02	1.010E-03	8.070E-03	2.168E-02
		{ 2.400E-02 }	{ 4.310E-03 }	{ 1.140E-03 }	{ 3.350E-03 }	{ 5.577E-03 }
		4.640E-02	1.310E-02	3.080E-03	1.330E-02	2.948E-02
		{ 1.330E-02 }	{ 7.850E-03 }	{ 4.480E-03 }	{ 7.530E-03 }	{ 1.176E-02 }
		1.140E-01	6.850E-03	< -1.800E-04	7.750E-03	1.442E-02
		{ 2.360E-02 }	{ 3.330E-03 }	{ 7.340E-04 }	{ 3.300E-03 }	{ 4.745E-03 }
		7.930E-02	1.070E-02	< -1.980E-04	9.450E-03	1.995E-02
		{ 1.790E-02 }	{ 4.160E-03 }	{ 7.980E-04 }	{ 3.850E-03 }	{ 5.724E-03 }
		7.410E-02	1.880E-02	1.480E-02	1.990E-02	5.350E-02
		{ 1.820E-02 }	{ 7.140E-03 }	{ 6.160E-03 }	{ 7.120E-03 }	{ 1.182E-02 }
		1.050E-01	2.260E-02	1.110E-03	1.190E-02	3.561E-02
		{ 2.460E-02 }	{ 6.510E-03 }	{ 1.400E-03 }	{ 4.490E-03 }	{ 8.031E-03 }
		9.000E-02	1.610E-02	2.050E-04	9.640E-03	2.595E-02
		{ 2.070E-02 }	{ 4.500E-03 }	{ 9.120E-04 }	{ 3.320E-03 }	{ 5.666E-03 }
MEAN		8.701E-02	1.487E-02	2.005E-03	1.178E-02	2.866E-02
MINIMUM		4.230E-02	6.780E-03	< -4.320E-04	3.810E-03	1.059E-02
MAXIMUM		1.140E-01	2.410E-02	1.480E-02	1.990E-02	5.350E-02
2STD. ERR		1.652E-02	3.785E-03	2.916E-03	3.212E-03	8.318E-03

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
which includes the 2 sigma counting error and analytical error
{ } - Total Propagated Analytical Uncertainty.
NR - No result reported.
nra - Not routinely analyzed or analyzed on a less frequent basis

2625 VANTAGE

(CARP , Muscle)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	SR-90 PCI/G	U-234 PCI/G
07/15/1994		< -4.440E-02 { 8.940E-02 }	6.590E-03 { 1.120E-02 }	3.160E-04 { 9.060E-03 }	1.060E-02 { 9.650E-03 }	< -1.280E-03 { 3.560E-02 }	3.390E+00 { 5.410E-01 }	8.560E-04 { 2.930E-03 }	7.610E-03 { 6.190E-03 }
		< -1.490E-02 { 6.390E-02 }	< -1.190E-04 { 8.850E-03 }	< -4.810E-04 { 6.820E-03 }	1.780E-02 { 1.090E-02 }	< .000E+00 { 2.630E-02 }	2.940E+00 { 4.430E-01 }	1.270E-03 { 5.780E-03 }	1.280E-03 { 3.630E-03 }
		5.560E-02 { 6.610E-02 }	1.840E-03 { 9.010E-03 }	5.130E-03 { 6.650E-03 }	1.310E-02 { 8.710E-03 }	5.960E-03 { 2.890E-02 }	2.090E+00 { 3.530E-01 }	1.040E-03 { 3.180E-03 }	2.800E-04 { 1.630E-03 }
		< -6.720E-04 { 9.130E-02 }	8.870E-04 { 1.270E-02 }	< -5.610E-03 { 8.790E-03 }	9.710E-03 { 1.160E-02 }	< -3.600E-03 { 3.820E-02 }	3.370E+00 { 5.120E-01 }	3.900E-03 { 4.340E-03 }	7.090E-03 { 6.910E-03 }
		< -1.010E-02 { 7.660E-02 }	< -3.700E-04 { 9.870E-03 }	< -1.760E-03 { 7.600E-03 }	1.170E-02 { 8.980E-03 }	8.990E-03 { 2.810E-02 }	3.070E+00 { 4.580E-01 }	4.200E-03 { 7.230E-03 }	2.890E-04 { 1.670E-03 }
		< -3.340E-02 { 8.020E-02 }	2.670E-03 { 1.240E-02 }	5.320E-03 { 9.370E-03 }	2.740E-03 { 1.130E-02 }	< -1.160E-02 { 3.360E-02 }	2.650E+00 { 4.870E-01 }	5.760E-03 { 5.410E-03 }	4.110E-03 { 7.330E-03 }
		2.530E-02 { 8.710E-02 }	< -9.980E-03 { 1.270E-02 }	4.980E-03 { 7.420E-03 }	2.590E-03 { 1.030E-02 }	< -2.130E-02 { 3.040E-02 }	3.240E+00 { 4.910E-01 }	< -2.920E-04 { 2.740E-03 }	1.450E-02 { 1.160E-02 }
		2.590E-02 { 7.300E-02 }	5.900E-03 { 8.700E-03 }	< -3.380E-03 { 8.380E-03 }	< -4.850E-04 { 9.750E-03 }	2.270E-02 { 2.750E-02 }	2.940E+00 { 4.720E-01 }	9.260E-04 { 3.600E-03 }	2.470E-02 { 1.150E-02 }
		< -2.950E-02 { 7.790E-02 }	< -6.950E-03 { 1.090E-02 }	6.010E-05 { 7.690E-03 }	7.270E-03 { 9.160E-03 }	< -2.960E-02 { 3.660E-02 }	3.090E+00 { 4.510E-01 }	2.920E-03 { 4.220E-03 }	< -2.140E-03 { 3.300E-03 }
		2.370E-02 { 8.500E-02 }	1.330E-02 { 8.140E-03 }	4.520E-03 { 7.140E-03 }	6.850E-03 { 1.170E-02 }	1.110E-02 { 3.050E-02 }	3.280E+00 { 5.300E-01 }	1.000E-04 { 3.010E-03 }	2.780E-03 { 4.800E-03 }

MEAN		-2.472E-04	1.377E-03	9.095E-04	8.188E-03	-1.863E-03	3.006E+00	2.068E-03	6.050E-03
MINIMUM		< -4.440E-02	< -9.980E-03	< -5.610E-03	< -4.850E-04	< -2.960E-02	2.090E+00	< -2.920E-04	< -2.140E-03
MAXIMUM		5.560E-02	1.330E-02	5.320E-03	1.780E-02	2.270E-02	3.390E+00	5.760E-03	2.470E-02
2STD. ERR		2.027E-02	4.193E-03	2.476E-03	3.501E-03	9.886E-03	2.490E-01	1.268E-03	5.136E-03

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
which includes the 2 sigma counting error and analytical error
{ } - Total Propagated Analytical Uncertainty.
NR - No result reported.
nra - Not routinely analyzed or analyzed on a less frequent basis

2625 VANTAGE

(CARP , Muscle)

OFF DATE	COM	U-235 PCI/G	U-238 PCI/G	UIISO TOTAL PCI/G
07/15/1994		< -1.150E-03	< -4.480E-04	6.012E-03
		{ 3.090E-03}	{ 2.850E-03}	{ 7.482E-03}
		< -1.710E-03	2.920E-03	2.490E-03
		{ 1.600E-03}	{ 4.730E-03}	{ 6.173E-03}
		3.950E-04	6.120E-04	1.287E-03
		{ 7.410E-04}	{ 1.370E-03}	{ 2.255E-03}
		< -8.280E-04	6.130E-03	1.239E-02
		{ 3.000E-03}	{ 5.880E-03}	{ 9.556E-03}
		3.550E-04	8.030E-04	1.447E-03
		{ 1.320E-03}	{ 1.420E-03}	{ 2.559E-03}
		< -9.520E-04	< -1.490E-04	3.009E-03
		{ 3.540E-03}	{ 3.180E-03}	{ 8.739E-03}
		< -4.700E-04	3.780E-03	1.781E-02
		{ 4.250E-03}	{ 7.560E-03}	{ 1.448E-02}
		1.730E-02	3.380E-02	7.580E-02
		{ 9.460E-03}	{ 1.310E-02}	{ 1.983E-02}
		2.570E-03	2.040E-03	2.470E-03
		{ 2.680E-03}	{ 3.350E-03}	{ 5.412E-03}
		8.980E-04	1.320E-03	4.998E-03
		{ 2.800E-03}	{ 3.170E-03}	{ 6.398E-03}
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MEAN		1.641E-03	5.081E-03	1.277E-02
MINIMUM		< -1.710E-03	< -4.480E-04	1.287E-03
MAXIMUM		1.730E-02	3.380E-02	7.580E-02
2STD. ERR		3.566E-03	6.504E-03	1.441E-02

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
which includes the 2 sigma counting error and analytical error
{ } - Total Propagated Analytical Uncertainty.
NR - No result reported.
nra - Not routinely analyzed or analyzed on a less frequent basis

2742 100-N - 100-D (GOOSE-WESTERN CANADIAN , Bones)

OFF DATE	COM	SR-90 PCI/G
11/04/1994		1.920E-01 { 5.850E-02}

2741 100-N - 100-D (GOOSE-WESTERN CANADIAN , Muscle)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	SR-90 PCI/G
11/04/1994		7.260E-02 { 1.520E-01}	< -3.320E-02 { 2.410E-02}	1.080E-02 { 1.820E-02}	3.480E-03 { 1.950E-02}	8.250E-02 { 5.470E-02}	2.510E+00 { 6.780E-01}	< -1.190E-03 { 2.460E-03}

2744 HANFORD TOWNSITE (GOOSE-WESTERN CANADIAN , Bones)

OFF DATE	COM	SR-90 PCI/G
11/10/1994		4.860E-02 { 3.090E-02}

2743 HANFORD TOWNSITE (GOOSE-WESTERN CANADIAN , Muscle)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	SR-90 PCI/G
11/10/1994		3.820E-02 { 2.030E-01}	< -1.570E-02 { 2.420E-02}	< -2.100E-02 { 2.200E-02}	3.120E-02 { 2.010E-02}	7.100E-03 { 8.430E-02}	4.100E+00 { 8.530E-01}	1.860E-04 { 3.380E-03}

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
which includes the 2 sigma counting error and analytical error
{ } - Total Propagated Analytical Uncertainty.
NR - No result reported.
nra - Not routinely analyzed or analyzed on a less frequent basis

2712 100-D TO 100-H (PHEASANT , Bones)

OFF DATE	COM	SR-90 PCI/G
10/13/1994		6.930E-02 { 3.670E-02 } 9.740E-02 { 3.560E-02 } 4.180E-02 { 2.170E-02 }
12/08/1994		8.600E-02 { 4.240E-02 }

MEAN		7.363E-02
MINIMUM		4.180E-02
MAXIMUM		9.740E-02
2STD. ERR		2.415E-02

2710 100-D TO 100-H (PHEASANT , Muscle)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G
10/13/1994	1	< -3.010E-02 { 9.680E-02 }	1.350E-03 { 9.340E-03 }	1.130E-02 { 7.310E-03 }	1.730E-01 { 2.820E-02 }	5.440E-02 { 2.660E-02 }	3.390E+00 { 4.900E-01 }
	2	5.140E-02 { 5.200E-02 }	3.200E-03 { 6.350E-03 }	< -5.400E-04 { 4.840E-03 }	1.450E-03 { 4.920E-03 }	1.340E-03 { 1.750E-02 }	2.120E+00 { 3.220E-01 }
	3	2.650E-02 { 4.390E-02 }	1.180E-02 { 5.410E-03 }	< -4.880E-03 { 5.330E-03 }	< -1.420E-04 { 6.200E-03 }	< -1.880E-02 { 2.090E-02 }	2.030E+00 { 3.100E-01 }
12/08/1994		< -2.580E-02 { 2.030E-01 }	< -5.280E-03 { 2.480E-02 }	< -7.300E-03 { 2.190E-02 }	1.800E-02 { 2.140E-02 }	< -9.040E-03 { 6.260E-02 }	3.120E+00 { 7.210E-01 }

MEAN		5.500E-03	2.768E-03	-3.550E-04	4.808E-02	6.975E-03	2.665E+00
MINIMUM		< -3.010E-02	< -5.280E-03	< -7.300E-03	< -1.420E-04	< -1.880E-02	2.030E+00
MAXIMUM		5.140E-02	1.180E-02	1.130E-02	1.730E-01	5.440E-02	3.390E+00
2STD. ERR		3.998E-02	7.037E-03	8.258E-03	8.368E-02	3.267E-02	6.911E-01

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
which includes the 2 sigma counting error and analytical error
{ } - Total Propagated Analytical Uncertainty.
NR - No result reported.
nra - Not routinely analyzed or analyzed on a less frequent basis
1 THIGH MUSCLE INCLUDED IN SAMPLE.
2 THIGH MUSCLE INCLUDED IN SAMPLE.
3 THIGH MUSCLE INCLUDED IN SAMPLE.

2715 100-H TO 100-F (PHEASANT , Bones)

OFF DATE	COM	SR-90 PCI/G
10/13/1994		7.180E-02 { 3.080E-02 } 7.880E-02 { 3.570E-02 } 1.020E-01 { 4.240E-02 } 9.370E-02 { 4.040E-02 }
11/03/1994		4.030E-02 { 3.450E-02 }
12/08/1994		1.830E-02 { 2.180E-02 }

MEAN		6.748E-02
MINIMUM		1.830E-02
MAXIMUM		1.020E-01
2STD. ERR		2.629E-02

2713 100-H TO 100-F (PHEASANT , Muscle)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G
10/13/1994	1	< -1.610E-02 { 7.360E-02 }	< -2.160E-03 { 1.050E-02 }	< -4.430E-03 { 7.780E-03 }	2.320E-02 { 9.110E-03 }	< -4.510E-03 { 3.000E-02 }	3.520E+00 { 4.890E-01 }
	2	6.830E-02 { 7.550E-02 }	3.480E-04 { 8.290E-03 }	< -3.020E-03 { 7.460E-03 }	6.780E-03 { 7.600E-03 }	< -2.540E-02 { 3.320E-02 }	2.760E+00 { 4.410E-01 }
	3	2.720E-02 { 8.350E-02 }	1.150E-02 { 1.050E-02 }	< -1.880E-03 { 8.140E-03 }	9.790E-03 { 8.630E-03 }	7.340E-03 { 3.470E-02 }	3.130E+00 { 4.660E-01 }
	4	< -9.560E-03 { 6.910E-02 }	< -6.200E-04 { 6.440E-03 }	< -1.150E-03 { 6.580E-03 }	8.430E-03 { 7.660E-03 }	3.360E-02 { 1.990E-02 }	2.260E+00 { 3.670E-01 }
11/03/1994		< -1.900E-01 { 2.380E-01 }	< -3.190E-04 { 2.360E-02 }	1.730E-02 { 1.890E-02 }	1.460E-02 { 2.290E-02 }	< -4.230E-02 { 5.710E-02 }	3.150E+00 { 6.830E-01 }
12/08/1994		1.160E-01 { 1.790E-01 }	3.070E-02 { 2.240E-02 }	2.670E-03 { 2.000E-02 }	3.830E-03 { 2.150E-02 }	< -8.130E-03 { 6.280E-02 }	3.710E+00 { 8.080E-01 }

MEAN		-6.933E-04	6.575E-03	1.582E-03	1.111E-02	-6.567E-03	3.088E+00
MINIMUM		< -1.900E-01	< -2.160E-03	< -4.430E-03	3.830E-03	< -4.230E-02	2.260E+00
MAXIMUM		1.160E-01	3.070E-02	1.730E-02	2.320E-02	3.360E-02	3.710E+00
2STD. ERR		8.587E-02	1.046E-02	6.583E-03	5.645E-03	2.143E-02	4.278E-01

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
which includes the 2 sigma counting error and analytical error

{ } - Total Propagated Analytical Uncertainty.

NR - No result reported.

nra - Not routinely analyzed or analyzed on a less frequent basis

- 1 THIGH MUSCLE INCLUDED IN SAMPLE.
- 2 THIGH MUSCLE INCLUDED IN SAMPLE.
- 3 THIGH MUSCLE INCLUDED IN SAMPLE
- 4 THIGH MUSCLE INCLUDED IN SAMPLE.

2709 NEAR 100-N (PHEASANT , Bones)

OFF DATE	COM	SR-90 PCI/G
12/08/1994		7.990E-02 { 4.750E-02}
12/09/1994		6.430E-02 { 2.980E-02}
MEAN		7.210E-02
MINIMUM		6.430E-02
MAXIMUM		7.990E-02
2STD. ERR		1.560E-02

2707 NEAR 100-N (PHEASANT , Muscle)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	SR-90 PCI/G
12/08/1994		< -1.190E-01 { 2.220E-01}	2.070E-02 { 2.040E-02}	< -2.670E-03 { 1.940E-02}	< -1.380E-02 { 2.030E-02}	1.360E-02 { 5.480E-02}	3.560E+00 { 8.090E-01}	6.130E-03 { 1.610E-02}
12/09/1994		3.440E-02 { 2.350E-01}	< -1.000E-02 { 2.560E-02}	2.840E-02 { 1.970E-02}	< -2.200E-02 { 2.160E-02}	9.930E-03 { 6.870E-02}	2.860E+00 { 7.420E-01}	1.270E-02 { 1.400E-02}
MEAN		-4.230E-02	5.350E-03	1.287E-02	-1.790E-02	1.177E-02	3.210E+00	9.415E-03
MINIMUM		< -1.190E-01	< -1.000E-02	< -2.670E-03	< -2.200E-02	9.930E-03	2.860E+00	6.130E-03
MAXIMUM		3.440E-02	2.070E-02	2.840E-02	< -1.380E-02	1.360E-02	3.560E+00	1.270E-02
2STD. ERR		1.534E-01	3.070E-02	3.107E-02	8.200E-03	3.670E-03	7.000E-01	6.570E-03

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
which includes the 2 sigma counting error and analytical error
{ } - Total Propagated Analytical Uncertainty.
NR - No result reported.
nra - Not routinely analyzed or analyzed on a less frequent basis

2718 YAKIMA COUNTY (PHEASANT , Bones)

OFF DATE	COM	SR-90 PCI/G
09/28/1994		5.520E-02 { 3.680E-02 } 3.710E-02 { 3.310E-02 } 5.050E-02 { 3.430E-02 }
10/05/1994		3.170E-02 { 2.660E-02 } 2.500E-02 { 2.340E-02 } 3.370E-02 { 2.040E-02 } 1.750E-02 { 1.900E-02 } 1.080E-02 { 1.590E-02 } 1.540E-02 { 2.310E-02 } 4.630E-02 { 2.460E-02 }
-----		-----
MEAN		3.232E-02
MINIMUM		1.080E-02
MAXIMUM		5.520E-02
2STD. ERR		9.654E-03

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
which includes the 2 sigma counting error and analytical error
{ } - Total Propagated Analytical Uncertainty.
NR - No result reported.
nra - Not routinely analyzed or analyzed on a less frequent basis

2717 YAKIMA COUNTY (PHEASANT , Liver)

OFF DATE	COM	PU-238 PCI/G	PU39-40 PCI/G
09/28/1994		8.620E-04	< -4.840E-05
		{ 1.800E-03}	{ 2.690E-03}
		< -4.460E-04	< -7.800E-05
		{ 1.350E-03}	{ 1.190E-03}
		< -2.980E-04	2.180E-04
		{ 2.750E-04}	{ 4.940E-04}
10/05/1994		< -1.580E-03	< -4.380E-05
		{ 1.400E-03}	{ 9.380E-04}
		< -3.410E-05	< -2.390E-04
		{ 7.230E-04}	{ 2.990E-04}
		1.830E-04	< -4.030E-05
		{ 4.280E-04}	{ 6.440E-04}
		< -4.440E-04	< -5.510E-05
		{ 5.790E-04}	{ 6.240E-04}
		2.110E-04	< -3.210E-04
		{ 5.240E-04}	{ 5.420E-04}
		< -5.390E-04	< -5.900E-05
		{ 7.100E-04}	{ 7.610E-04}
		< -2.640E-04	< -5.330E-05
		{ 7.840E-04}	{ 6.890E-04}
-----		-----	-----
MEAN		-2.349E-04	-7.199E-05
MINIMUM		< -1.580E-03	< -3.210E-04
MAXIMUM		8.620E-04	2.180E-04
2STD. ERR		4.007E-04	8.874E-05

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
which includes the 2 sigma counting error and analytical error
{ } - Total Propagated Analytical Uncertainty.
NR - No result reported.
nra - Not routinely analyzed or analyzed on a less frequent basis

2716 YAKIMA COUNTY (PHEASANT , Muscle)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	SR-90 PCI/G	U-234 PCI/G
09/28/1994		4.280E-02 { 4.140E-01 } 7.470E-01 { 1.460E+00 } 5.400E-02 { 3.220E-01 }	2.970E-02 { 3.820E-02 } 2.840E-01 { 1.370E-01 } 1.650E-02 { 3.050E-02 }	< -2.300E-02 { 3.850E-02 } < -7.040E-02 { 1.280E-01 } < -1.810E-02 { 3.180E-02 }	2.800E-03 { 3.630E-02 } 1.600E-01 { 1.410E-01 } < -4.890E-04 { 3.120E-02 }	3.640E-02 { 8.980E-02 } < -1.070E-01 { 4.040E-01 } 6.990E-02 { 9.010E-02 }	1.630E+00 { 1.290E+00 } 7.990E+00 { 3.190E+00 } 2.320E+00 { 1.180E+00 }	8.180E-04 { 3.050E-03 } < -9.190E-04 { 3.280E-03 } < -3.010E-04 { 2.340E-03 }	< -6.480E-04 { 7.610E-04 } < -8.020E-04 { 2.900E-04 } 9.310E-04 { 1.310E-03 }
10/05/1994		1.410E-01 { 3.770E-01 } < -2.570E-01 { 4.700E-01 } 1.360E-02 { 4.050E-01 } < -2.590E-01 { 3.960E-01 } < -8.940E-02 { 4.090E-01 } 3.250E-02 { 3.330E-01 } 1.720E-01 { 3.630E-01 }	< -3.270E-02 { 5.120E-02 } < -2.480E-03 { 4.920E-02 } < -8.130E-03 { 5.030E-02 } < -3.390E-02 { 5.260E-02 } 3.660E-02 { 4.430E-02 } < -7.120E-03 { 4.190E-02 } 1.950E-02 { 3.620E-02 }	< -4.630E-03 { 3.670E-02 } < -8.980E-03 { 3.750E-02 } 2.790E-02 { 3.510E-02 } 3.940E-03 { 4.020E-02 } < -2.330E-02 { 4.100E-02 } < -4.920E-03 { 2.790E-02 }	1.360E-02 { 4.200E-02 } 2.580E-03 { 4.160E-02 } 1.270E-02 { 3.550E-02 } 1.480E-02 { 4.720E-02 } < -3.280E-02 { 4.600E-02 } 1.380E-02 { 3.100E-02 } 3.020E-02 { 3.910E-02 }	< -3.680E-02 { 1.270E-01 } < -1.160E-01 { 1.340E-01 } 4.400E-02 { 5.090E-02 } < -2.360E-01 { 1.780E-01 } 8.020E-03 { 1.560E-01 } 7.720E-02 { 1.150E-01 }	2.650E+00 { 1.150E+00 } 1.970E+00 { 1.250E+00 } 3.680E+00 { 1.300E+00 } 4.460E+00 { 1.370E+00 } 3.600E+00 { 1.310E+00 } 2.750E+00 { 1.040E+00 }	< -4.020E-04 { 1.930E-03 } 2.320E-04 { 2.940E-03 } 2.250E-03 { 3.140E-03 } 6.010E-04 { 2.230E-03 } < -4.710E-04 { 1.710E-03 } < -1.240E-03 { 1.580E-03 } 1.920E-03 { 2.640E-03 }	< -5.890E-04 { 7.770E-04 } < -5.780E-04 { 1.140E-03 } 3.150E-04 { 1.300E-03 } < -3.160E-08 { 1.150E-03 } < -2.290E-04 { 9.480E-04 } < -1.040E-03 { 7.090E-04 } 2.650E-04 { 1.040E-03 }
MEAN		5.975E-02	3.020E-02	-1.104E-02	2.172E-02	-3.208E-02	3.253E+00	2.488E-04	-2.375E-04
MINIMUM		< -2.590E-01	< -3.390E-02	< -7.040E-02	< -3.280E-02	< -2.360E-01	1.480E+00	< -1.240E-03	< -1.040E-03
MAXIMUM		7.470E-01	2.840E-01	2.790E-02	1.600E-01	7.720E-02	7.990E+00	2.250E-03	9.310E-04
2STD. ERR		1.787E-01	5.841E-02	1.657E-02	3.241E-02	6.307E-02	1.213E+00	7.324E-04	3.859E-04

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
which includes the 2 sigma counting error and analytical error
{ } - Total Propagated Analytical Uncertainty.
NR - No result reported.
nra - Not routinely analyzed or analyzed on a less frequent basis

2716 YAKIMA COUNTY (PHEASANT , Muscle)

OFF DATE	COM	U-235 PCI/G	U-238 PCI/G	UIISO TOTAL PCI/G
09/28/1994		< -2.540E-04 { 1.800E-04}	< -3.430E-04 { 4.400E-04}	< -1.245E-03 { 8.970E-04}
		< -2.470E-04 { 1.880E-04}	< -4.230E-04 { 1.980E-04}	< -1.472E-03 { 3.980E-04}
		2.670E-04 { 5.380E-04}	< -9.470E-05 { 5.710E-04}	1.103E-03 { 1.527E-03}
10/05/1994		< -7.430E-05 { 4.340E-04}	< -1.230E-04 { 7.290E-04}	< -7.863E-04 { 1.150E-03}
		1.010E-04 { 8.400E-04}	7.240E-04 { 1.100E-03}	2.470E-04 { 1.793E-03}
		4.230E-04 { 7.550E-04}	4.990E-04 { 1.100E-03}	1.237E-03 { 1.863E-03}
		6.010E-05 { 6.130E-04}	< -4.800E-04 { 2.580E-04}	< -4.199E-04 { 1.328E-03}
		< -1.190E-04 { 6.430E-04}	< -6.770E-05 { 6.490E-04}	< -4.157E-04 { 1.317E-03}
		< -3.560E-04 { 5.010E-04}	< -4.440E-04 { 6.280E-04}	< -1.840E-03 { 1.071E-03}
		< -1.990E-05 { 5.930E-04}	4.810E-04 { 9.490E-04}	7.261E-04 { 1.528E-03}
MEAN		-2.191E-05	-2.714E-05	-1.845E-04
MINIMUM		< -3.560E-04	< -4.800E-04	< -1.840E-03
MAXIMUM		4.230E-04	7.240E-04	1.237E-03
2STD. ERR		1.537E-04	2.789E-04	4.008E-04

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
which includes the 2 sigma counting error and analytical error
{ } - Total Propagated Analytical Uncertainty.
NR - No result reported.
nra - Not routinely analyzed or analyzed on a less frequent basis

2721 100 N AREA (MULE DEER , Bones)

OFF DATE	COM	SR-90 PCI/G
12/02/1994		9.330E-01 { 2.370E-01 2.610E-01 { 7.680E-02 3.300E-01 { 8.620E-02

MEAN		5.080E-01
MINIMUM		2.610E-01
MAXIMUM		9.330E-01
2STD. ERR		4.269E-01

2720 100 N AREA (MULE DEER , Liver)

OFF DATE	COM	PU-238 PCI/G	PU39-40 PCI/G
12/02/1994		4.300E-05 { 2.130E-04 < -4.370E-05 { 1.350E-04 1.650E-05 { 4.090E-05	< -6.400E-06 { 1.440E-04 3.220E-05 { 1.360E-04 < -5.070E-06 { 6.180E-05

MEAN		5.267E-06	6.910E-06
MINIMUM	<	-4.370E-05	< -6.400E-06
MAXIMUM		4.300E-05	3.220E-05
2STD. ERR		5.130E-05	2.530E-05

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
which includes the 2 sigma counting error and analytical error
{ } - Total Propagated Analytical Uncertainty.
NR - No result reported.
nra - Not routinely analyzed or analyzed on a less frequent basis

2719 100 N AREA (MULE DEER , Muscle)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G
12/02/1994		1.370E-02	4.360E-03	< -1.920E-03	6.530E-03	1.400E-02	2.540E+00
		{ 3.710E-02}	{ 4.520E-03}	{ 3.620E-03}	{ 3.380E-03}	{ 1.340E-02}	{ 3.260E-01}
		< -1.980E-02	1.970E-03	1.600E-03	3.990E-03	6.130E-03	2.630E+00
		{ 3.950E-02}	{ 5.070E-03}	{ 3.800E-03}	{ 4.030E-03}	{ 1.380E-02}	{ 3.290E-01}
		< -1.040E-02	1.600E-03	< -4.170E-04	6.050E-03	1.740E-02	3.070E+00
		{ 4.250E-02}	{ 4.070E-03}	{ 3.950E-03}	{ 5.040E-03}	{ 1.410E-02}	{ 3.850E-01}
MEAN		-5.500E-03	2.643E-03	-2.457E-04	5.523E-03	1.251E-02	2.747E+00
MINIMUM		< -1.980E-02	1.600E-03	< -1.920E-03	3.990E-03	6.130E-03	2.540E+00
MAXIMUM		1.370E-02	4.360E-03	1.600E-03	6.530E-03	1.740E-02	3.070E+00
2STD. ERR		1.995E-02	1.730E-03	2.039E-03	1.558E-03	6.675E-03	3.275E-01

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
which includes the 2 sigma counting error and analytical error
{ } - Total Propagated Analytical Uncertainty.
NR - No result reported.
nra - Not routinely analyzed or analyzed on a less frequent basis

2795 BOARDMAN, OREGON (MULE DEER , Bones)

OFF DATE	COM	SR-90 PCI/G
12/20/1994		9.320E-02 { 4.490E-02 } 1.150E-01 { 4.300E-02 } 1.300E-01 { 4.090E-02 } 1.150E-01 { 4.520E-02 }
MEAN		1.133E-01
MINIMUM		9.320E-02
MAXIMUM		1.300E-01
2STD. ERR		1.515E-02

2794 BOARDMAN, OREGON (MULE DEER , Liver)

OFF DATE	COM	PU-238 PCI/G	PU39-40 PCI/G
12/20/1994		5.990E-05 { 1.090E-04 } 3.990E-05 < -2.820E-05 { 1.090E-04 } { 4.710E-05 } 6.700E-05 < -6.970E-06 { 1.030E-04 } { 1.090E-04 } 1.290E-05 < -2.910E-05 { 6.270E-05 } { 3.640E-05 }	5.180E-05 { 8.590E-05 }
MEAN		4.493E-05	-3.118E-06
MINIMUM		1.290E-05 < -2.910E-05	
MAXIMUM		6.700E-05	5.180E-05
2STD. ERR		2.424E-05	3.801E-05

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
which includes the 2 sigma counting error and analytical error
{ } - Total Propagated Analytical Uncertainty.
NR - No result reported.
nra - Not routinely analyzed or analyzed on a less frequent basis

2793 BOARDMAN, OREGON (MULE DEER , Muscle)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G
12/20/1994		1.580E-01	3.070E-03	6.850E-03	< -4.370E-03	3.670E-03	2.550E+00
		{ 4.310E-01 }	{ 2.480E-02 }	{ 2.180E-02 }	{ 2.140E-02 }	{ 6.540E-02 }	{ 6.810E-01 }
		2.840E-01	< -2.290E-02	2.100E-02	1.290E-02	8.870E-02	4.750E+00
		{ 5.550E-01 }	{ 3.850E-02 }	{ 2.960E-02 }	{ 2.790E-02 }	{ 6.330E-02 }	{ 1.000E+00 }
		3.110E-01	< -1.490E-02	1.490E-02	3.390E-02	< -8.020E-02	2.840E+00
		{ 4.750E-01 }	{ 3.300E-02 }	{ 2.980E-02 }	{ 2.620E-02 }	{ 8.490E-02 }	{ 8.650E-01 }
		1.190E-02	2.070E-02	< -3.710E-03	1.020E-02	4.350E-02	2.820E+00
		{ 4.410E-01 }	{ 2.740E-02 }	{ 2.200E-02 }	{ 2.430E-02 }	{ 7.980E-02 }	{ 8.730E-01 }
MEAN		1.912E-01	-3.508E-03	9.760E-03	1.316E-02	1.392E-02	3.240E+00
MINIMUM		1.190E-02	< -2.290E-02	< -3.710E-03	< -4.370E-03	< -8.020E-02	2.550E+00
MAXIMUM		3.110E-01	2.070E-02	2.100E-02	3.390E-02	8.870E-02	4.750E+00
2STD. ERR		1.369E-01	1.945E-02	1.069E-02	1.577E-02	7.172E-02	1.015E+00

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
which includes the 2 sigma counting error and analytical error
() - Total Propagated Analytical Uncertainty.
NR - No result reported.
nra - Not routinely analyzed or analyzed on a less frequent basis

2613 EAST (MULE DEER , Liver)

OFF DATE	COM	PU-238 PCI/G	PU39-40 PCI/G
05/12/1994		1.490E-04 { 3.040E-04 }	< -8.200E-05 { 1.530E-04 }

2612 EAST (MULE DEER , Muscle)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G
05/12/1994		1.900E-02 { 4.620E-02 }	< -7.160E-03 { 6.170E-03 }	1.380E-03 { 4.560E-03 }	2.370E-03 { 5.800E-03 }	< -7.600E-03 { 2.130E-02 }	2.420E+00 { 3.390E-01 }

2735 NORTHEAST (MULE DEER , Liver)

OFF DATE	COM	PU-238 PCI/G	PU39-40 PCI/G
02/10/1994		1.880E-05 { 7.210E-05 }	1.590E-05 { 7.260E-05 }

2734 NORTHEAST (MULE DEER , Muscle)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G
02/10/1994		1.870E+00 { 1.930E+00 }	< -1.820E-02 { 2.780E-02 }	< -2.430E-02 { 2.330E-02 }	7.570E-03 { 1.720E-02 }	< -3.190E-02 { 6.390E-02 }	2.880E+00 { 7.080E-01 }

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
which includes the 2 sigma counting error and analytical error
{ } - Total Propagated Analytical Uncertainty.
NR - No result reported.
nra - Not routinely analyzed or analyzed on a less frequent basis

2615 SOUTHEAST (MULE DEER , Liver)

OFF DATE	COM	PU-238	PU39-40
03/10/1994	1	NR	NR
		{NR}	{NR}
11/30/1994	2	NR	NR

2614 SOUTHEAST (MULE DEER , Muscle)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G
03/10/1994		< -6.500E-03	< -4.680E-03	3.670E-03	< -9.060E-03	< .000E+00	2.600E+00
		{ 5.620E-02}	{ 8.110E-03}	{ 4.690E-03}	{ 5.850E-03}	{ 2.660E-02}	{ 3.860E-01}
11/30/1994		< -3.300E-02	7.350E-03	1.120E-03	1.080E-03	< -9.930E-03	2.920E+00
		{ 5.380E-02}	{ 5.140E-03}	{ 5.290E-03}	{ 5.700E-03}	{ 2.380E-02}	{ 4.040E-01}
MEAN		-1.975E-02	1.335E-03	2.395E-03	-3.990E-03	-4.965E-03	2.760E+00
MINIMUM		< -3.300E-02	< -4.680E-03	1.120E-03	< -9.060E-03	< -9.930E-03	2.600E+00
MAXIMUM		< -6.500E-03	7.350E-03	3.670E-03	1.080E-03	< .000E+00	2.920E+00
2STD. ERR		2.650E-02	1.203E-02	2.550E-03	1.014E-02	9.930E-03	3.200E-01

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis
 1 PU-238 RESULT LOST AT LAB.
 PU39-40 RESULT LOST AT LAB.
 2 NO SAMPLE. LIVER NOT AVAILABLE.

2493 200 E AREA (JACK RABBIT , Bones)

OFF DATE	COM	SR-90 PCI/G
10/10/1994		2.520E+00 { 4.790E-01 1.420E+01 { 3.190E+00 9.410E+00 { 2.220E+00 3.560E+00 { 8.730E-01

MEAN		7.423E+00
MINIMUM		2.520E+00
MAXIMUM		1.420E+01
2STD. ERR		5.442E+00

2492 200 E AREA (JACK RABBIT , Liver)

OFF DATE	COM	PU-238 PCI/G	PU39-40 PCI/G
10/10/1994		1.680E-05 { 1.120E-04 < -3.650E-06 { 1.360E-04 6.950E-05 { 2.170E-04 < -1.180E-04 { 1.410E-04	8.230E-05 { 1.510E-04 < -4.420E-05 { 7.220E-05 < -3.510E-05 { 1.800E-04 < -8.020E-05 { 1.280E-04

MEAN		-8.838E-06	-1.930E-05
MINIMUM		< -1.180E-04	< -8.020E-05
MAXIMUM		6.950E-05	8.230E-05
2STD. ERR		7.903E-05	7.048E-05

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
which includes the 2 sigma counting error and analytical error
{ } - Total Propagated Analytical Uncertainty.
NR - No result reported.
nra - Not routinely analyzed or analyzed on a less frequent basis

2491 200 E AREA

(JACK RABBIT , Muscle)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G
10/10/1994		6.010E-02	1.340E-02	< -6.090E-03	< -4.210E-02	< -1.470E-02	3.140E+00
		{ 2.540E-01}	{ 2.280E-02}	{ 2.560E-02}	{ 2.940E-02}	{ 8.170E-02}	{ 9.770E-01}
		1.220E-01	1.450E-02	< -1.550E-02	4.040E-02	2.310E-02	4.810E+00
		{ 2.810E-01}	{ 2.420E-02}	{ 3.000E-02}	{ 3.030E-02}	{ 8.390E-02}	{ 9.050E-01}
		2.630E-01	3.580E-02	< -6.180E-03	1.530E-02	< -9.550E-02	2.420E+00
		{ 2.710E-01}	{ 2.650E-02}	{ 3.060E-02}	{ 3.400E-02}	{ 1.060E-01}	{ 9.390E-01}
		2.220E-02	< -4.000E-02	< -1.280E-02	3.040E-02	1.220E-01	3.390E+00
		{ 2.560E-01}	{ 3.730E-02}	{ 2.640E-02}	{ 2.880E-02}	{ 7.890E-02}	{ 9.040E-01}
MEAN		1.168E-01	5.925E-03	-1.014E-02	1.100E-02	8.725E-03	3.440E+00
MINIMUM		2.220E-02	< -4.000E-02	< -1.550E-02	< -4.210E-02	< -9.550E-02	2.420E+00
MAXIMUM		2.630E-01	3.580E-02	< -6.090E-03	4.040E-02	1.220E-01	4.810E+00
2STD. ERR		1.058E-01	3.231E-02	4.757E-03	3.687E-02	9.028E-02	1.002E+00

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which includes the 2 sigma counting error and analytical error
{ } - Total Propagated Analytical Uncertainty.
NR - No result reported.
nra - Not routinely analyzed or analyzed on a less frequent basis

2496 200 WEST (JACK RABBIT , Bones)

OFF DATE	COM	SR-90 PCI/G
10/10/1994		4.260E-01 { 1.030E-01}

2495 200 WEST (JACK RABBIT , Liver)

OFF DATE	COM	PU-238 PCI/G	PU39-40 PCI/G
10/10/1994		9.610E-07 { 1.910E-04}	1.100E-04 { 2.480E-04}

2494 200 WEST (JACK RABBIT , Muscle)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G
10/10/1994		1.570E-01 { 2.450E-01}	1.020E-02 { 2.640E-02}	1.630E-02 { 2.940E-02}	< -1.850E-02 { 3.390E-02}	< -9.070E-02 { 1.110E-01}	2.750E+00 { 1.020E+00}

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
which includes the 2 sigma counting error and analytical error
{ } - Total Propagated Analytical Uncertainty.
NR - No result reported.
nra - Not routinely analyzed or analyzed on a less frequent basis

2487 NORTH 300 AREA (COTTONTAIL RABBIT , Bones)

SR-90
OFF DATE COM PCI/G

05/17/1994 1.230E-01
(4.590E-02)

2486 NORTH 300 AREA (COTTONTAIL RABBIT , Liver)

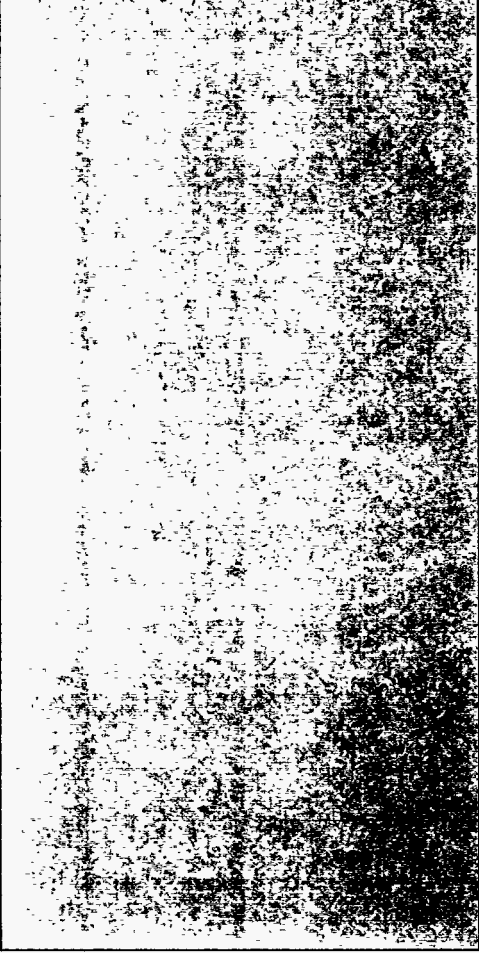
PU-238 PU39-40
OFF DATE COM

05/17/1994 1 NR
(NR) (NR)

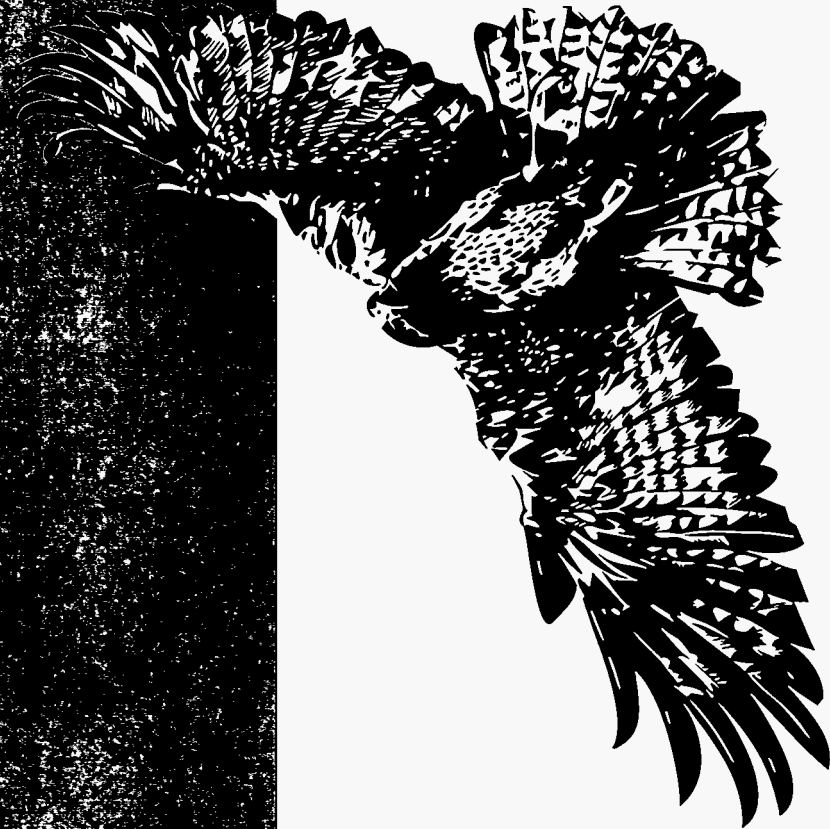
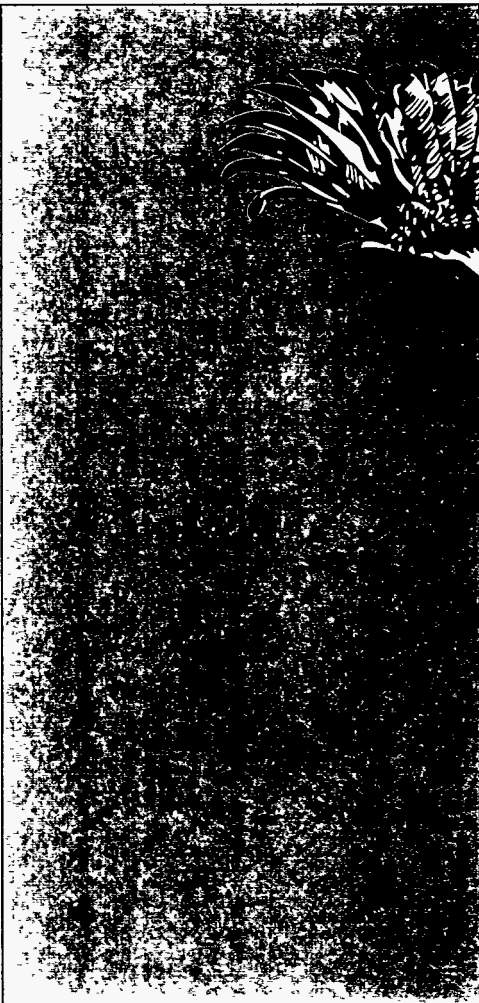
2485 NORTH 300 AREA (COTTONTAIL RABBIT , Muscle)

BE-7	CO-60	CS-134	CS-137	EU-154	K-40
PCI/G	PCI/G	PCI/G	PCI/G	PCI/G	PCI/G
-----	-----	-----	-----	-----	-----
7.260E-02	1.040E-02	1.730E-02	6.120E-04	7.670E-02	3.250E+00
(2.360E-01)	(4.560E-02)	(3.170E-02)	(3.590E-02)	(1.080E-01)	(9.660E-01)
-----	-----	-----	-----	-----	-----

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
which includes the 2 sigma counting error and analytical error
() - Total Propagated Analytical Uncertainty.
NR - No result reported.
nra - Not routinely analyzed or analyzed on a less frequent basis
1 PU-238 RESULT LOST AT LAB.
1 PU39-40 RESULT LOST AT LAB.



Soil



2546 100 AREA FIRE STAT (0 , 1 , in)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	PU-238 PCI/G	PU39-40 PCI/G
08/17/1994		< 2.700E-01 { 3.510E-01}	< -3.940E-04 { 2.920E-02}	< 2.950E-03 { 2.290E-02}	2.850E-01 { 6.900E-02}	< 5.020E-02 { 8.720E-02}	1.390E+01 { 1.890E+00}	< 4.150E-04 { 1.020E-03}	1.010E-02 { 1.690E-03}

2546 100 AREA FIRE STAT (0 , 1 , in)

OFF DATE	COM	SR-90 PCI/G	U 235 LEPS PCI/G	U 238 LEPS PCI/G
08/17/1994		3.030E-02 { 9.150E-03}	< 3.740E-02 { 1.540E-01}	6.560E-01 { 5.040E-01}

2547 200 ENC (0 , 1 , in)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	PU-238 PCI/G	PU39-40 PCI/G
08/15/1994		< -2.770E-01 { 4.990E-01}	< 1.410E-02 { 2.490E-02}	< -1.060E-02 { 3.060E-02}	1.230E+01 { 1.250E+00}	< 2.140E-02 { 8.580E-02}	1.550E+01 { 1.930E+00}	5.650E-04 { 2.810E-04}	2.430E-02 { 3.100E-03}

2547 200 ENC (0 , 1 , in)

OFF DATE	COM	SR-90 PCI/G	U 235 LEPS PCI/G	U 238 LEPS PCI/G
08/15/1994		7.030E-01 { 1.250E-01}	2.010E-01 { 1.280E-01}	6.670E-01 { 3.260E-01}

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which includes the 2 sigma counting error and analytical error
{ } - Total Propagated Analytical Uncertainty.
NR - No result reported.
nra - Not routinely analyzed or analyzed on a less frequent basis

2549 200 ESE (0 , 1 , in)

OFF DATE	COM	AM-241 PCI/G	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	PU-238 PCI/G
08/15/1994		< 1.070E-03 { 1.200E-03}	< 8.430E-02 { 2.060E-01}	< -3.510E-03 { 2.420E-02}	< -2.660E-02 { 2.180E-02}	4.240E-01 { 6.970E-02}	< -1.900E-02 { 7.320E-02}	1.490E+01 { 1.770E+00}	4.290E-04 { 2.210E-04}

2549 200 ESE (0 , 1 , in)

OFF DATE	COM	PU39-40 PCI/G	SR-90 PCI/G	U 235 LEPS PCI/G	U 238 LEPS PCI/G
08/15/1994		1.360E-02 { 1.820E-03}	1.830E-01 { 3.670E-02}	< 3.170E-02 { 1.830E-01}	7.930E-01 { 5.220E-01}

2556 400 E (0 , 1 , in)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	PU-238 PCI/G	PU39-40 PCI/G
08/15/1994		< -1.520E-01 { 2.340E-01}	< -4.700E-03 { 2.680E-02}	< 9.890E-03 { 2.050E-02}	7.790E-02 { 4.810E-02}	< -3.360E-02 { 8.620E-02}	1.530E+01 { 1.830E+00}	< 8.540E-05 { 1.260E-04}	1.900E-03 { 4.880E-04}

2556 400 E (0 , 1 , in)

OFF DATE	COM	SR-90 PCI/G	U 235 LEPS PCI/G	U 238 LEPS PCI/G
08/15/1994		4.010E-02 { 1.160E-02}	< -1.020E-01 { 9.140E-02}	5.610E-01 { 2.600E-01}

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nra - Not routinely analyzed or analyzed on a less frequent basis

2545 ABOVE 100D PUMPHOUSE (0 , 1 , in)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	PU-238 PCI/G	PU39-40 PCI/G
08/23/1994		< 9.100E-02 { 2.230E-01}	< -1.530E-02 { 2.780E-02}	< 6.040E-03 { 2.040E-02}	2.020E-01 { 5.070E-02}	< 3.110E-02 { 7.260E-02}	1.280E+01 { 1.630E+00}	< 2.510E-04 { 2.560E-04}	4.900E-03 { 1.050E-03}

2545 ABOVE 100D PUMPHOUSE (0 , 1 , in)

OFF DATE	COM	SR-90 PCI/G	U 235 LEPS PCI/G	U 238 LEPS PCI/G
08/23/1994		5.540E-02 { 1.170E-02}	1.840E-01 { 1.070E-01}	7.980E-01 { 3.340E-01}

2571 BYERS LANDING (0 , 1 , in)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	PU-238 PCI/G	PU39-40 PCI/G
08/17/1994		< 2.120E-01 { 3.390E-01}	< -3.070E-02 { 3.440E-02}	4.590E-02 { 2.800E-02}	1.580E-01 { 5.420E-02}	< -1.140E-03 { 1.040E-01}	1.460E+01 { 2.040E+00}	< -6.040E-05 { 1.000E-03}	3.000E-03 { 8.650E-04}

2571 BYERS LANDING (0 , 1 , in)

OFF DATE	COM	SR-90 PCI/G	U 235 LEPS PCI/G	U 238 LEPS PCI/G
08/17/1994		1.460E-01 { 2.910E-02}	< -6.990E-02 { 1.390E-01}	1.000E+00 { 4.140E-01}

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nra - Not routinely analyzed or analyzed on a less frequent basis

2542 E OF 100 N AREA (0 , 1 , in)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	PU-238 PCI/G	PU39-40 PCI/G
08/17/1994		< -1.410E-01 { 3.730E-01}	< 1.090E-02 { 3.050E-02}	< -9.360E-02 { 3.580E-02}	1.880E-01 { 6.040E-02}	1.570E-01 { 1.060E-01}	1.380E+01 { 1.820E+00}	< 1.680E-04 { 1.240E-03}	7.030E-03 { 1.630E-03}

2542 E OF 100 N AREA (0 , 1 , in)

OFF DATE	COM	SR-90 PCI/G	U 235 LEPS PCI/G	U 238 LEPS PCI/G
08/17/1994		1.790E-01 { 3.610E-02}	< 1.520E-02 { 1.630E-01}	9.550E-01 { 5.100E-01}

2548 E OF 200 E (0 , 1 , in)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	PU-238 PCI/G	PU39-40 PCI/G
08/15/1994		2.400E-01 { 2.390E-01}	< -6.840E-03 { 2.640E-02}	< -1.560E-02 { 2.170E-02}	1.140E+00 { 1.380E-01}	< 4.470E-02 { 8.690E-02}	1.440E+01 { 1.760E+00}	2.540E-04 { 2.440E-04}	1.190E-02 { 2.120E-03}

2548 E OF 200 E (0 , 1 , in)

OFF DATE	COM	SR-90 PCI/G	U 235 LEPS PCI/G	U 238 LEPS PCI/G
08/15/1994		2.810E-01 { 5.490E-02}	< 1.750E-02 { 8.740E-02}	7.230E-01 { 2.880E-01}

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which includes the 2 sigma counting error and analytical error

{ } - Total Propagated Analytical Uncertainty.

NR - No result reported.

nra - Not routinely analyzed or analyzed on a less frequent basis

2552 E OF 200 W GATE (0 , 1 , in)

OFF DATE	COM	AM-241 PCI/G	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	PU-238 PCI/G
08/24/1994		1.500E-02 { 4.250E-03}	< 2.330E-01 { 2.610E-01}	< 7.250E-03 { 2.650E-02}	2.130E-02 { 2.070E-02}	9.370E-01 { 1.160E-01}	< 6.740E-02 { 7.010E-02}	1.310E+01 { 1.720E+00}	3.290E-03 { 1.520E-03}

2552 E OF 200 W GATE (0 , 1 , in)

OFF DATE	COM	PU39-40 PCI/G	SR-90 PCI/G	U 235 LEPS PCI/G	U 238 LEPS PCI/G
08/24/1994		3.910E-01 { 3.790E-01}	7.790E-02 { 1.640E-02}	< 1.270E-02 { 1.650E-01}	1.020E+00 { 5.170E-01}

2541 NE OF 100 N AREA (0 , 1 , in)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	PU-238 PCI/G	PU39-40 PCI/G
08/23/1994		< -1.060E-01 { 2.470E-01}	< 1.070E-02 { 2.620E-02}	< 5.200E-03 { 1.970E-02}	2.080E-01 { 4.240E-02}	< -8.730E-02 { 8.960E-02}	1.380E+01 { 1.680E+00}	< 1.230E-04 { 2.620E-04}	5.060E-03 { 1.020E-03}

2541 NE OF 100 N AREA (0 , 1 , in)

OFF DATE	COM	SR-90 PCI/G	U 235 LEPS PCI/G	U 238 LEPS PCI/G
08/23/1994		6.790E-02 { 1.400E-02}	< 1.280E-01 { 1.570E-01}	8.060E-01 { 5.150E-01}

- < - Result less than the 2 sigma Total Propagated Analytical Uncertainty which includes the 2 sigma counting error and analytical error
- { } - Total Propagated Analytical Uncertainty.
- NR - No result reported.
- nra - Not routinely analyzed or analyzed on a less frequent basis

2558 NORTH 300 AREA (0 , 1 , in)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	PU-238 PCI/G	PU39-40 PCI/G
08/15/1994	1	< 2.190E-02 { 2.220E-01}	< 8.840E-03 { 1.910E-02}	< -1.010E-02 { 2.150E-02}	3.660E-01 { 6.130E-02}	< 5.130E-03 { 7.690E-02}	1.600E+01 { 1.900E+00}	3.170E-04 { 2.210E-04}	8.230E-03 { 1.310E-03}

2558 NORTH 300 AREA (0 , 1 , in)

OFF DATE	COM	SR-90 PCI/G	U 235 LEPS PCI/G	U 238 LEPS PCI/G
08/15/1994	1	1.050E-01 { 2.190E-02}	1.680E-01 { 7.910E-02}	6.110E-01 { 2.630E-01}

2567 RINGOLD AREA (0 , 1 , in)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	PU-238 PCI/G	PU39-40 PCI/G
08/17/1994		< 2.140E-01 { 4.680E-01}	< -2.870E-02 { 5.660E-02}	< -1.780E-02 { 3.830E-02}	1.230E-01 { 4.970E-02}	< 1.070E-01 { 1.750E-01}	1.830E+01 { 2.480E+00}	< 1.480E-04 { 8.910E-04}	1.770E-03 { 5.680E-04}

2567 RINGOLD AREA (0 , 1 , in)

OFF DATE	COM	SR-90 PCI/G	U 235 LEPS PCI/G	U 238 LEPS PCI/G
08/17/1994		3.670E-02 { 9.990E-03}	1.680E-01 { 1.410E-01}	6.580E-01 { 5.210E-01}

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis
 1 SR-90 THE SR-90 RESULT IS A RERUN FROM THE GAMMA SCAN SAMPLE RESIDUAL.

2572 RIVRVIEW-HARRIS (0 , 1 , in)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	PU-238 PCI/G	PU39-40 PCI/G
08/17/1994		< 6.200E-02 { 4.130E-01}	< 6.700E-03 { 4.640E-02}	< 3.120E-02 { 3.150E-02}	1.670E-01 { 8.220E-02}	< -1.480E-01 { 1.420E-01}	1.970E+01 { 2.610E+00}	< -3.210E-05 { 8.390E-04}	3.550E-03 { 7.730E-04}

2572 RIVRVIEW-HARRIS (0 , 1 , in)

OFF DATE	COM	SR-90 PCI/G	U 235 LEPS PCI/G	U 238 LEPS PCI/G
08/17/1994		5.350E-02 { 1.520E-02}	< 1.920E-02 { 1.470E-01}	4.790E-01 { 4.090E-01}

2550 S OF 200 E (0 , 1 , in)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	PU-238 PCI/G	PU39-40 PCI/G
08/24/1994		3.500E-01 { 2.500E-01}	< -9.410E-03 { 2.510E-02}	< -5.490E-03 { 2.180E-02}	1.400E-01 { 4.170E-02}	< 1.060E-02 { 8.190E-02}	1.710E+01 { 2.070E+00}	< 1.030E-04 { 1.070E-03}	2.180E-03 { 8.010E-04}

2550 S OF 200 E (0 , 1 , in)

OFF DATE	COM	SR-90 PCI/G	U 235 LEPS PCI/G	U 238 LEPS PCI/G
08/24/1994		1.230E-01 { 2.520E-02}	< 7.120E-04 { 1.510E-02}	7.810E-01 { 5.230E-01}

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
which includes the 2 sigma counting error and analytical error
{ } - Total Propagated Analytical Uncertainty.
NR - No result reported.
nra - Not routinely analyzed or analyzed on a less frequent basis

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2553 S OF 200 W (0 , 1 , in)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	PU-238 PCI/G	PU39-40 PCI/G
08/24/1994		< 8.180E-02 { 2.420E-01}	< .000E+00 { 2.430E-02}	< 2.780E-03 { 2.040E-02}	2.810E-01 { 5.580E-02}	< 2.630E-02 { 6.910E-02}	1.560E+01 { 1.910E+00}	< 8.140E-04 { 9.620E-04}	3.080E-02 { 3.850E-03}

2553 S OF 200 W (0 , 1 , in)

OFF DATE	COM	SR-90 PCI/G	U 235 LEPS PCI/G	U 238 LEPS PCI/G
08/24/1994		8.390E-02 { 1.760E-02}	< -1.260E-01 { 1.400E-01}	7.880E-01 { 4.000E-01}

2570 SAGEMOOR FARM (0 , 1 , in)

OFF DATE	COM	AM-241 PCI/G	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	PU-238 PCI/G
08/17/1994		< 2.940E-04 { 1.520E-03}	3.990E-01 { 3.540E-01}	< -3.950E-02 { 3.360E-02}	< -6.810E-02 { 3.630E-02}	3.230E-01 { 9.150E-02}	< -9.050E-02 { 1.040E-01}	1.520E+01 { 2.050E+00}	< -6.960E-04 { 1.020E-03}

2570 SAGEMOOR FARM (0 , 1 , in)

OFF DATE	COM	PU39-40 PCI/G	SR-90 PCI/G	U 235 LEPS PCI/G	U 238 LEPS PCI/G
08/17/1994		6.050E-03 { 1.490E-03}	6.620E-02 { 1.760E-02}	2.690E-01 { 1.500E-01}	7.800E-01 { 5.120E-01}

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
which includes the 2 sigma counting error and analytical error
{ } - Total Propagated Analytical Uncertainty.
NR - No result reported.
nra - Not routinely analyzed or analyzed on a less frequent basis

2557 SE SIDE OF FFTF (0 , 1 , in)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	PU-238 PCI/G	PU39-40 PCI/G
08/15/1994		< 7.230E-02 { 1.930E-01}	< -5.440E-03 { 2.430E-02}	< 4.050E-03 { 1.810E-02}	< 3.120E-03 { 2.860E-02}	1.010E-01 { 5.900E-02}	1.640E+01 { 1.930E+00}	7.850E-04 { 7.290E-04}	7.770E-04 { 7.290E-04}

2557 SE SIDE OF FFTF (0 , 1 , in)

OFF DATE	COM	SR-90 PCI/G	U 235 LEPS PCI/G	U 238 LEPS PCI/G
08/15/1994		2.750E-02 { 7.880E-03}	< 4.240E-02 { 8.240E-02}	5.370E-01 { 2.410E-01}

2559 SOUTH 300 AREA (0 , 1 , in)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	PU-238 PCI/G	PU39-40 PCI/G
08/23/1994		< 4.160E-02 { 2.710E-01}	< -4.910E-02 { 2.690E-02}	< 8.640E-03 { 2.120E-02}	2.540E-01 { 5.080E-02}	< 2.580E-02 { 8.750E-02}	1.520E+01 { 1.840E+00}	2.190E-04 { 1.750E-04}	6.070E-03 { 1.030E-03}

2559 SOUTH 300 AREA (0 , 1 , in)

OFF DATE	COM	SR-90 PCI/G	U 235 LEPS PCI/G	U 238 LEPS PCI/G
08/23/1994		7.360E-02 { 1.500E-02}	< -7.680E-02 { 1.010E-01}	8.040E-01 { 3.590E-01}

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
which includes the 2 sigma counting error and analytical error
{ } - Total Propagated Analytical Uncertainty.
NR - No result reported.
nra - Not routinely analyzed or analyzed on a less frequent basis

2551 SW OF B/C CRIBS (0 , 1 , in)

OFF DATE	COM	AM-241 PCI/G	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	PU-238 PCI/G
08/24/1994		< 7.930E-04 { 1.450E-03}	< 1.540E-01 { 3.190E-01}	< -2.850E-02 { 3.260E-02}	< -4.130E-02 { 3.040E-02}	2.070E-01 { 4.630E-02}	< -8.870E-02 { 1.070E-01}	1.680E+01 { 2.030E+00}	< -4.570E-04 { 7.640E-04}

2551 SW OF B/C CRIBS (0 , 1 , in)

OFF DATE	COM	PU39-40 PCI/G	SR-90 PCI/G	U 235 LEPS PCI/G	U 238 LEPS PCI/G
08/24/1994		< 3.790E-04 { 7.580E-04}	2.450E-01 { 4.830E-02}	< -1.160E-01 { 1.670E-01}	6.600E-01 { 5.450E-01}

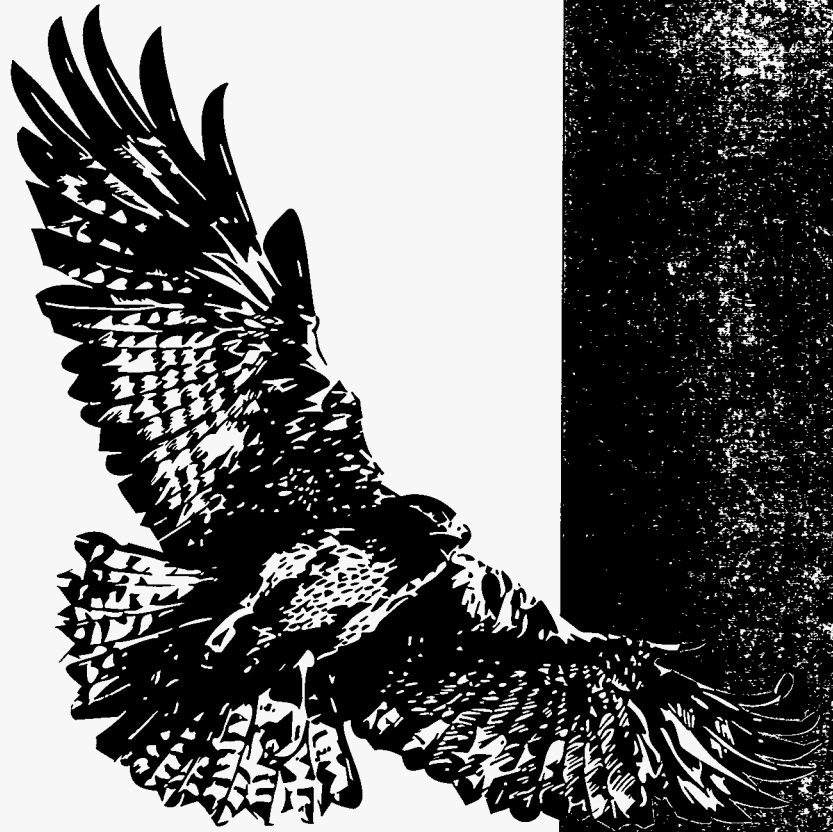
2578 YAKIMA (0 , 1 , in)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	PU-238 PCI/G	PU39-40 PCI/G
10/25/1994		2.630E-01 { 1.440E-01}	< 1.490E-03 { 1.540E-02}	< -4.510E-02 { 1.680E-02}	4.630E-01 { 5.910E-02}	< 2.020E-02 { 5.200E-02}	1.380E+01 { 1.560E+00}	4.510E-04 { 3.990E-04}	1.070E-02 { 2.230E-03}

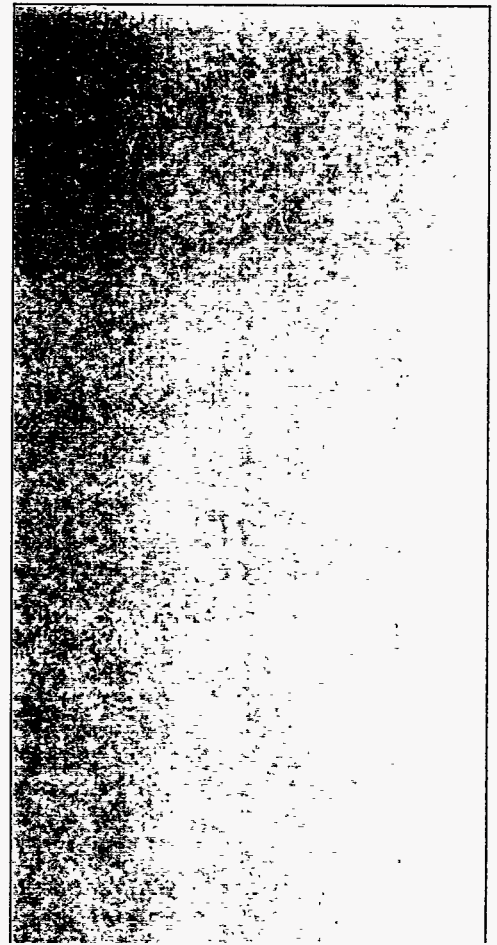
2578 YAKIMA (0 , 1 , in)

OFF DATE	COM	SR-90 PCI/G	U 235 LEPS PCI/G	U 238 LEPS PCI/G
10/25/1994		9.370E-02 { 2.060E-02}	1.660E-01 { 1.530E-01}	< 8.090E-01 { 1.140E+00}

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty which includes the 2 sigma counting error and analytical error
{ } - Total Propagated Analytical Uncertainty.
NR - No result reported.
nra - Not routinely analyzed or analyzed on a less frequent basis



Vegetation



2530 300 AREA SHORELINE (PERENNIAL VEGETATION , STM-LV)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	PU-238 PCI/G	PU39-40 PCI/G
08/15/1994		1.050E+00 { 2.430E-01 }	1.500E-02 { 1.150E-02 }	6.640E-03 { 1.030E-02 }	1.070E-02 { 9.810E-03 }	1.950E-02 { 3.890E-02 }	9.730E+00 { 1.130E+00 }	< -6.300E-04 { 7.150E-04 }	2.650E-04 { 2.860E-04 }

2530 300 AREA SHORELINE (PERENNIAL VEGETATION , STM-LV)

OFF DATE	COM	SR-90 PCI/G	U-234 PCI/G	U-235 PCI/G	U-238 PCI/G	UIISO TOTAL PCI/G
08/15/1994		2.470E-02 { 7.610E-03 }	< -1.320E-04 { 2.380E-03 }	< -2.880E-06 { 1.060E-03 }	1.600E-03 { 2.210E-03 }	1.465E-03 { 3.416E-03 }

2535 BYERS LANDING (PERENNIAL VEGETATION , STM-LV)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	PU-238 PCI/G	PU39-40 PCI/G
08/17/1994		1.540E+00 { 3.210E-01 }	< -2.110E-02 { 2.110E-02 }	< -8.070E-04 { 1.360E-02 }	1.100E-02 { 1.680E-02 }	< -4.460E-02 { 5.850E-02 }	1.400E+01 { 1.640E+00 }	< -2.550E-04 { 8.560E-04 }	3.150E-04 { 3.320E-04 }

2535 BYERS LANDING (PERENNIAL VEGETATION , STM-LV)

OFF DATE	COM	SR-90 PCI/G	U-234 PCI/G	U-235 PCI/G	U-238 PCI/G	UIISO TOTAL PCI/G
08/17/1994		3.790E-02 { 9.150E-03 }	2.430E-02 { 8.000E-03 }	7.800E-04 { 2.760E-03 }	1.950E-02 { 6.870E-03 }	4.458E-02 { 1.090E-02 }

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
which includes the 2 sigma counting error and analytical error

{ } - Total Propagated Analytical Uncertainty.

NR - No result reported.

nra - Not routinely analyzed or analyzed on a less frequent basis

2527 E OF 100 N AREA (PERENNIAL VEGETATION , STM-LV)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	PU-238 PCI/G	PU39-40 PCI/G
08/17/1994		2.890E+00 { 4.730E-01}	3.480E-02 { 2.700E-02}	3.020E-03 { 1.400E-02}	2.020E-02 { 1.640E-02}	< -3.470E-02 { 5.930E-02}	9.960E+00 { 1.270E+00}	< -2.860E-05 { 7.280E-04}	< -1.540E-05 { 1.970E-04}

2527 E OF 100 N AREA (PERENNIAL VEGETATION , STM-LV)

OFF DATE	COM	SR-90 PCI/G	U-234 PCI/G	U-235 PCI/G	U-238 PCI/G	UIISO TOTAL PCI/G
08/17/1994		4.190E-02 { 1.020E-02}	< -5.620E-04 { 7.080E-03}	1.210E-03 { 5.930E-03}	< -4.540E-04 { 4.860E-03}	1.940E-04 { 1.044E-02}

2529 E OF 200 W GATE (PERENNIAL VEGETATION , STM-LV)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	PU-238 PCI/G	PU39-40 PCI/G
08/24/1994		2.690E+00 { 3.820E-01}	1.770E-03 { 1.350E-02}	< -1.220E-03 { 9.590E-03}	2.730E-02 { 2.090E-02}	< -5.530E-02 { 4.910E-02}	1.070E+01 { 1.270E+00}	7.330E-03 { 1.220E-03}	6.620E-03 { 1.140E-03}

2529 E OF 200 W GATE (PERENNIAL VEGETATION , STM-LV)

OFF DATE	COM	SR-90 PCI/G	U-234 PCI/G	U-235 PCI/G	U-238 PCI/G	UIISO TOTAL PCI/G
08/24/1994		1.670E-01 { 3.540E-02}	1.750E-02 { 1.120E-02}	< -1.630E-03 { 3.400E-03}	6.280E-03 { 7.410E-03}	2.215E-02 { 1.385E-02}

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
which includes the 2 sigma counting error and analytical error
{ } - Total Propagated Analytical Uncertainty.
NR - No result reported.
nra - Not routinely analyzed or analyzed on a less frequent basis

2532 HANFRD TWNSITE HRM28 (PERENNIAL VEGETATION , STM-LV)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	PU-238 PCI/G	PU39-40 PCI/G
08/15/1994		1.740E+00 { 2.870E-01}	1.530E-02 { 1.170E-02}	7.000E-03 { 1.030E-02}	4.700E-03 { 1.150E-02}	< -5.940E-03 { 4.260E-02}	7.980E+00 { 9.840E-01}	5.730E-05 { 7.500E-04}	< -1.340E-06 { 1.940E-04}

2532 HANFRD TWNSITE HRM28 (PERENNIAL VEGETATION , STM-LV)

OFF DATE	COM	SR-90 PCI/G	TC-99 PCI/G	U-234 PCI/G	U-235 PCI/G	U-238 PCI/G	UIISO TOTAL PCI/G
08/15/1994		3.700E-02 { 1.000E-02}	4.510E-01 { 4.420E-01}	1.100E-03 { 4.360E-03}	< -5.590E-04 { 9.150E-04}	2.650E-04 { 3.290E-03}	8.060E-04 { 5.538E-03}

2526 NE OF 100 N AREA (PERENNIAL VEGETATION , STM-LV)

OFF DATE	COM	BE-7	CO-60	CS-134	CS-137	EU-154	K-40	PU-238	PU39-40
05/23/1994	1	NR	NR	NR	NR	NR	NR	NR	NR

2526 NE OF 100 N AREA (PERENNIAL VEGETATION , STM-LV)

OFF DATE	COM	SR-90	U-234	U-235	U-238
05/23/1994	1	NR	NR	NR	NR

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis
 1 NO SAMPLE. VEGETATION NOT AVAILABLE AT THIS LOCATION.

2533 RINGOLD AREA (PERENNIAL VEGETATION , STM-LV)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	PU-238 PCI/G	PU39-40 PCI/G
08/17/1994		1.890E+00 { 3.710E-01}	< .000E+00 { 1.760E-02}	< -2.120E-02 { 1.870E-02}	3.920E-03 { 1.930E-02}	5.500E-02 { 6.790E-02}	1.730E+01 { 2.010E+00}	6.410E-04 { 1.010E-03}	< -1.020E-05 { 2.940E-04}

2533 RINGOLD AREA (PERENNIAL VEGETATION , STM-LV)

OFF DATE	COM	SR-90 PCI/G	U-234 PCI/G	U-235 PCI/G	U-238 PCI/G	UIISO TOTAL PCI/G
08/17/1994		4.890E-02 { 1.320E-02}	2.040E-02 { 6.940E-03}	1.860E-03 { 2.580E-03}	2.940E-02 { 7.990E-03}	5.166E-02 { 1.089E-02}

2536 RIVRVIEW-HARRIS (PERENNIAL VEGETATION , STM-LV)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	PU-238 PCI/G	PU39-40 PCI/G
08/17/1994		1.420E+00 { 2.880E-01}	< -4.350E-03 { 1.570E-02}	< -2.050E-03 { 1.310E-02}	< -6.010E-03 { 1.590E-02}	< .000E+00 { 5.400E-02}	1.550E+01 { 1.770E+00}	2.110E-04 { 7.530E-04}	2.140E-04 { 2.400E-04}

2536 RIVRVIEW-HARRIS (PERENNIAL VEGETATION , STM-LV)

OFF DATE	COM	SR-90 PCI/G	U-234 PCI/G	U-235 PCI/G	U-238 PCI/G	UIISO TOTAL PCI/G
08/17/1994		3.660E-02 { 1.020E-02}	1.120E-02 { 4.960E-03}	< -7.820E-04 { 1.620E-03}	6.250E-03 { 3.490E-03}	1.667E-02 { 6.277E-03}

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 · which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis

2534 SAGEMOOR FARM (PERENNIAL VEGETATION , STM-LV)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	PU-238 PCI/G	PU39-40 PCI/G
08/17/1994		1.590E+00 { 3.460E-01 }	3.110E-03 { 1.770E-02 }	1.590E-03 { 1.320E-02 }	4.270E-03 { 1.480E-02 }	2.800E-03 { 5.160E-02 }	1.160E+01 { 1.370E+00 }	< -5.900E-05 { 8.030E-04 }	3.790E-04 { 3.100E-04 }

2534 SAGEMOOR FARM (PERENNIAL VEGETATION , STM-LV)

OFF DATE	COM	SR-90 PCI/G	U-234 PCI/G	U-235 PCI/G	U-238 PCI/G	UIISO TOTAL PCI/G
08/17/1994		6.920E-02 { 1.550E-02 }	5.650E-03 { 4.400E-03 }	< -1.260E-03 { 1.340E-03 }	7.630E-03 { 4.340E-03 }	1.202E-02 { 6.324E-03 }

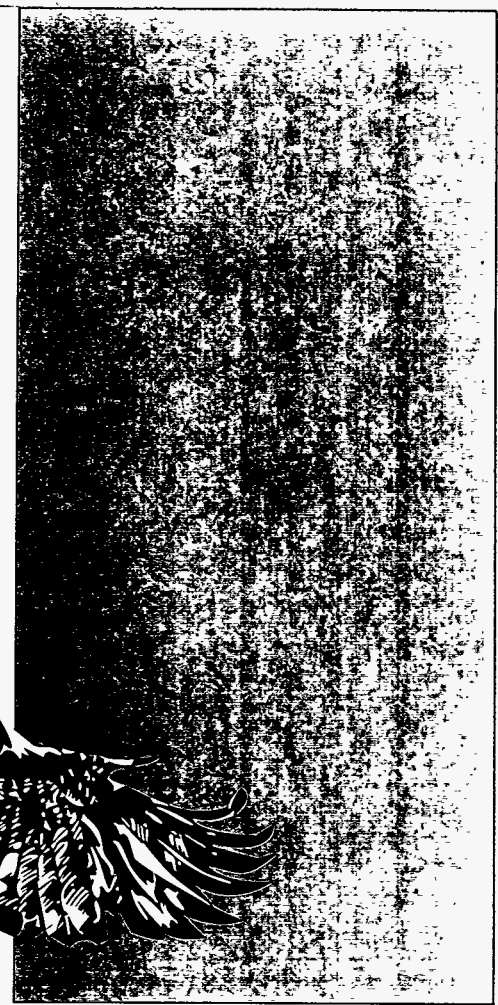
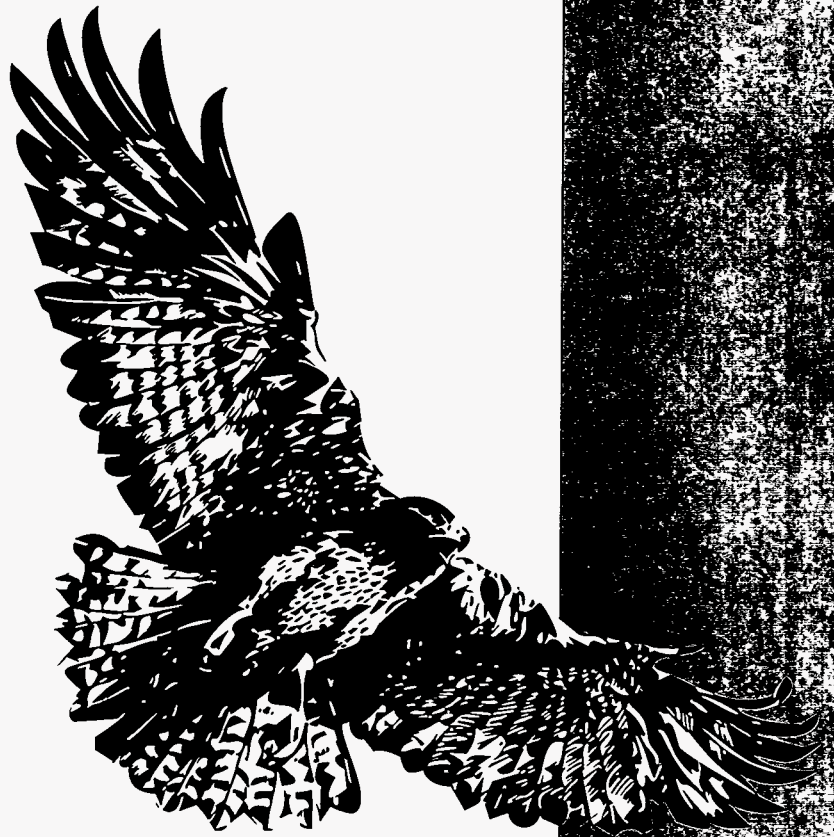
2538 YAKIMA (PERENNIAL VEGETATION , STM-LV)

OFF DATE	COM	BE-7 PCI/G	CO-60 PCI/G	CS-134 PCI/G	CS-137 PCI/G	EU-154 PCI/G	K-40 PCI/G	PU-238 PCI/G	PU39-40 PCI/G
10/25/1994		4.320E-01 { 1.310E-01 }	< -1.030E-02 { 1.080E-02 }	5.210E-03 { 7.460E-03 }	7.220E-03 { 8.420E-03 }	1.470E-02 { 3.290E-02 }	6.620E+00 { 7.960E-01 }	5.740E-06 { 5.640E-05 }	1.840E-04 { 1.410E-04 }

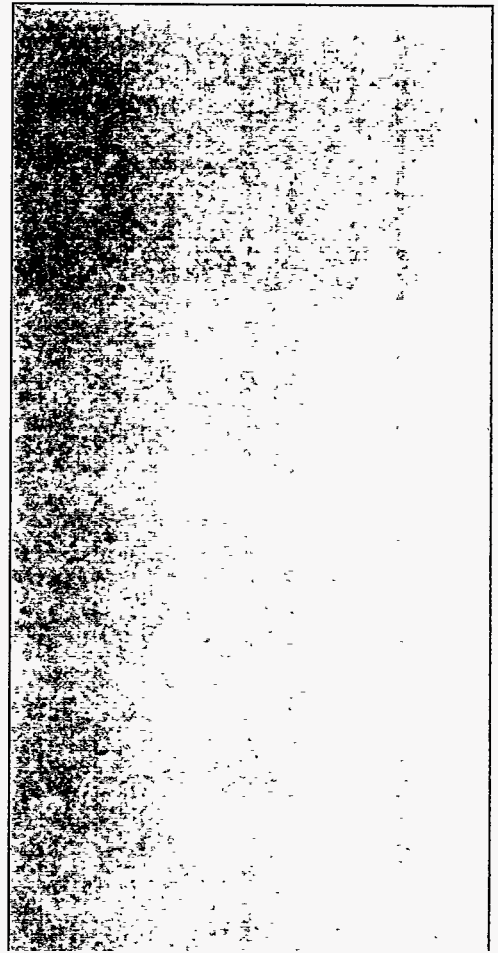
2538 YAKIMA (PERENNIAL VEGETATION , STM-LV)

OFF DATE	COM	SR-90 PCI/G	U-234 PCI/G	U-235 PCI/G	U-238 PCI/G	UIISO TOTAL PCI/G
10/25/1994		1.620E-02 { 4.850E-03 }	3.900E-03 { 3.520E-03 }	< -4.930E-04 { 1.040E-03 }	5.090E-03 { 3.140E-03 }	8.497E-03 { 4.830E-03 }

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
which includes the 2 sigma counting error and analytical error
{ } - Total Propagated Analytical Uncertainty.
NR - No result reported.
nra - Not routinely analyzed or analyzed on a less frequent basis



Sediment



2669 100 F SLOUGH

OFF DATE	COM	CO-60 PCI/G	CS-137 PCI/G	EU-152 PCI/G	EU-154 PCI/G	EU-155 PCI/G	PU-238 PCI/G	PU39-40 PCI/G	SR-90 PCI/G
09/24/1994		2.400E-02 { 1.110E-02}	2.040E-01 { 2.870E-02}	3.070E-02 { 2.620E-02}	< 9.100E-04 { 3.130E-02}	5.470E-02 { 3.480E-02}	< -7.550E-06 { 3.070E-04}	1.200E-03 { 6.380E-04}	< 3.670E-03 { 4.340E-03}

2669 100 F SLOUGH

OFF DATE	COM	U 235 LEPS PCI/G	U 238 LEPS PCI/G
09/24/1994		9.240E-03 { 6.150E-03}	1.120E-01 { 2.610E-02}

2672 100 N SPRING 8-13

OFF DATE	COM	CO-60	CS-137	EU-154	EU-155	SR-90	U_235_LEPS	U_238_LEPS
08/01/1994	1	NR	NR	NR	NR	NR	NR	NR

2674 300 AREA SPRING 42-2

OFF DATE	COM	CO-60 PCI/G	CS-137 PCI/G	EU-154 PCI/G	EU-155 PCI/G	SR-90 PCI/G	U 235 LEPS PCI/G	U 238 LEPS PCI/G
08/29/1994		< -1.140E-02 { 5.740E-02}	< 5.600E-02 { 5.810E-02}	< 1.080E-01 { 1.670E-01}	< 1.260E-01 { 1.390E-01}	1.240E-02 { 5.950E-03}	< 1.880E-02 { 1.590E-01}	3.200E+00 { 6.470E-01}

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis
 1 NO SAMPLE.

2670 HANFORD SLOUGH

OFF DATE	COM	CO-60 PCI/G	CS-137 PCI/G	EU-152 PCI/G	EU-154 PCI/G	EU-155 PCI/G	PU-238 PCI/G	PU39-40 PCI/G	SR-90 PCI/G
09/25/1994		8.500E-02 { 2.190E-02}	2.240E-01 { 3.200E-02}	1.310E-01 { 3.330E-02}	6.580E-02 { 3.320E-02}	8.250E-02 { 3.640E-02}	< 8.300E-05 { 1.250E-04}	2.380E-03 { 6.400E-04}	6.340E-03 { 3.510E-03}

2670 HANFORD SLOUGH

OFF DATE	COM	U 235 LEPS PCI/G	U 238 LEPS PCI/G
09/25/1994		8.900E-03 { 5.430E-03}	1.860E-01 { 3.440E-02}

2673 HANFORD SPRING 28-2

OFF DATE	COM	CO-60 PCI/G	CS-137 PCI/G	EU-152 PCI/G	EU-154 PCI/G	EU-155 PCI/G	PU-238 PCI/G	PU39-40 PCI/G	SR-90 PCI/G
09/25/1994		9.000E-02 { 2.110E-02}	2.500E-01 { 3.620E-02}	2.530E-01 { 4.800E-02}	< 1.640E-02 { 3.800E-02}	6.060E-02 { 3.290E-02}	< 7.790E-05 { 1.420E-04}	2.740E-03 { 7.360E-04}	6.820E-03 { 4.700E-03}

2673 HANFORD SPRING 28-2

OFF DATE	COM	U 235 LEPS PCI/G	U 238 LEPS PCI/G
09/25/1994		2.320E-02 { 6.840E-03}	4.580E-01 { 6.190E-02}

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis

2661 MCNARY-1/3 OR. SHORE

OFF DATE	COM	CO-60 PCI/G	CS-137 PCI/G	EU-154 PCI/G	EU-155 PCI/G	PU-238 PCI/G	PU39-40 PCI/G	SR-90 PCI/G	U 235 LEPS PCI/G
09/23/1994		< 3.150E-02 { 5.270E-02}	4.860E-01 { 1.190E-01}	< 3.720E-02 { 1.690E-01}	< 7.760E-02 { 1.100E-01}	3.310E-03 { 1.180E-03}	7.020E-03 { 1.800E-03}	2.890E-02 { 8.110E-03}	< 6.200E-02 { 2.520E-01}

2661 MCNARY-1/3 OR. SHORE

OFF DATE	COM	U 238 LEPS PCI/G
09/23/1994		1.680E+00 { 8.760E-01}

2662 MCNARY-2/3 OR. SHORE

OFF DATE	COM	CO-60 PCI/G	CS-137 PCI/G	EU-154 PCI/G	EU-155 PCI/G	PU-238 PCI/G	PU39-40 PCI/G	SR-90 PCI/G	U 235 LEPS PCI/G
09/23/1994		1.040E-01 { 6.940E-02}	4.520E-01 { 1.500E-01}	< -1.940E-01 { 1.860E-01}	< -2.770E-02 { 9.620E-02}	3.770E-03 { 1.370E-03}	9.800E-03 { 2.390E-03}	2.360E-02 { 6.330E-03}	< 2.060E-02 { 1.940E-01}

2662 MCNARY-2/3 OR. SHORE

OFF DATE	COM	U 238 LEPS PCI/G
09/23/1994		1.980E+00 { 8.050E-01}

- < - Result less than the 2 sigma Total Propagated Analytical Uncertainty which includes the 2 sigma counting error and analytical error
- { } - Total Propagated Analytical Uncertainty.
- NR - No result reported.
- nra - Not routinely analyzed or analyzed on a less frequent basis

2660 MCNARY-OREGON SHORE

OFF DATE	COM	CO-60 PCI/G	CS-137 PCI/G	EU-154 PCI/G	EU-155 PCI/G	PU-238 PCI/G	PU39-40 PCI/G	SR-90 PCI/G	U 235 LEPS PCI/G
09/23/1994		< -3.170E-03 { 4.130E-02}	2.330E-01 { 7.550E-02}	2.020E-01 { 9.680E-02}	1.280E-01 { 6.900E-02}	2.380E-03 { 5.980E-04}	3.780E-03 { 7.950E-04}	5.320E-03 { 3.680E-03}	< -4.600E-02 { 1.630E-01}

2660 MCNARY-OREGON SHORE

OFF DATE	COM	U 238 LEPS PCI/G
09/23/1994		1.210E+00 { 5.510E-01}

2663 MCNARY-WASH. SHORE

OFF DATE	COM	CO-60 PCI/G	CS-137 PCI/G	EU-154 PCI/G	EU-155 PCI/G	PU-238 PCI/G	PU39-40 PCI/G	SR-90 PCI/G	U 235 LEPS PCI/G
09/23/1994		< 2.690E-02 { 2.880E-02}	1.130E-01 { 4.310E-02}	< -8.020E-02 { 9.030E-02}	< 1.100E-02 { 6.130E-02}	1.240E-03 { 6.840E-04}	4.670E-04 { 4.460E-04}	7.310E-03 { 3.700E-03}	< 7.060E-02 { 1.280E-01}

2663 MCNARY-WASH. SHORE

OFF DATE	COM	U 238 LEPS PCI/G
09/23/1994		6.350E-01 { 4.090E-01}

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis

2665 PRD-1/3 GRANT SHORE

OFF DATE	COM	CO-60 PCI/G	CS-137 PCI/G	EU-154 PCI/G	EU-155 PCI/G	PU-238 PCI/G	PU39-40 PCI/G	SR-90 PCI/G	U 235 LEPS PCI/G
09/22/1994		< -6.720E-03 { 3.470E-02}	2.410E-01 { 5.000E-02}	< -4.920E-02 { 1.160E-01}	< 2.230E-02 { 8.180E-02}	2.660E-04 { 1.860E-04}	3.660E-03 { 7.380E-04}	5.330E-03 { 3.340E-03}	< -3.940E-04 { 9.560E-02}

2665 PRD-1/3 GRANT SHORE

OFF DATE	COM	U 238 LEPS PCI/G
09/22/1994		5.300E-01 { 3.550E-01}

2666 PRD-2/3 GRANT SHORE

OFF DATE	COM	CO-60 PCI/G	CS-137 PCI/G	EU-154 PCI/G	EU-155 PCI/G	PU-238 PCI/G	PU39-40 PCI/G	SR-90 PCI/G	U 235 LEPS PCI/G
09/22/1994		< 2.750E-02 { 3.270E-02}	3.190E-01 { 6.660E-02}	< 9.040E-02 { 9.700E-02}	< 1.570E-02 { 7.030E-02}	4.440E-04 { 2.930E-04}	6.800E-03 { 1.320E-03}	4.310E-03 { 3.180E-03}	< -3.820E-02 { 1.550E-01}

2666 PRD-2/3 GRANT SHORE

OFF DATE	COM	U 238 LEPS PCI/G
09/22/1994		1.040E+00 { 5.150E-01}

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis

2664 PRD-GRANT COUNTY

OFF DATE	COM	CO-60 PCI/G	CS-137 PCI/G	EU-154 PCI/G	EU-155 PCI/G	PU-238 PCI/G	PU39-40 PCI/G	SR-90 PCI/G	U 235 LEPS PCI/G
09/22/1994		< 3.790E-02 { 4.930E-02}	1.020E+00 { 1.450E-01}	< -2.790E-02 { 1.520E-01}	< 2.670E-03 { 1.250E-01}	< 1.830E-04 { 2.220E-04}	1.750E-02 { 3.170E-03}	1.660E-02 { 5.940E-03}	< 1.150E-01 { 1.940E-01}

2664 PRD-GRANT COUNTY

OFF DATE	COM	U 238 LEPS PCI/G
09/22/1994		8.100E-01 { 5.730E-01}

2667 PRD-YAKIMA CNTY SHOR

OFF DATE	COM	CO-60 PCI/G	CS-137 PCI/G	EU-154 PCI/G	EU-155 PCI/G	PU-238 PCI/G	PU39-40 PCI/G	SR-90 PCI/G	U 235 LEPS PCI/G
09/22/1994		< 3.500E-02 { 4.610E-02}	4.130E-01 { 1.050E-01}	< -2.780E-02 { 1.400E-01}	< -5.300E-03 { 9.390E-02}	7.440E-04 { 6.040E-04}	8.230E-03 { 2.240E-03}	1.300E-02 { 5.290E-03}	< 1.370E-01 { 1.550E-01}

2667 PRD-YAKIMA CNTY SHOR

OFF DATE	COM	U 238 LEPS PCI/G
09/22/1994		1.710E+00 { 6.490E-01}

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis

2671 RICHLAND-RIVER

OFF DATE	COM	CO-60 PCI/G	CS-137 PCI/G	EU-152 PCI/G	EU-154 PCI/G	EU-155 PCI/G	PU-238 PCI/G	PU39-40 PCI/G	SR-90 PCI/G
09/25/1994		7.370E-02 { 1.860E-02 }	2.980E-01 { 3.950E-02 }	1.010E-01 { 3.020E-02 }	< -2.520E-02 { 3.680E-02 }	5.010E-02 { 3.420E-02 }	< 9.560E-05 { 1.900E-04 }	1.620E-03 { 6.960E-04 }	< 3.050E-04 { 3.210E-03 }

2671 RICHLAND-RIVER

OFF DATE	COM	U 235 LEPS PCI/G	U 238 LEPS PCI/G
09/25/1994		3.540E-03 { 2.500E-03 }	1.240E-01 { 1.940E-02 }

2668 WHITE BLUFFS SLOUGH

OFF DATE	COM	CO-60 PCI/G	CS-137 PCI/G	EU-152 PCI/G	EU-154 PCI/G	EU-155 PCI/G	PU-238 PCI/G	PU39-40 PCI/G	SR-90 PCI/G
09/24/1994		8.880E-02 { 2.890E-02 }	9.250E-01 { 1.030E-01 }	3.560E-01 { 7.150E-02 }	< 3.270E-02 { 5.140E-02 }	< 3.570E-02 { 3.880E-02 }	4.090E-04 { 3.450E-04 }	7.260E-03 { 1.740E-03 }	< 5.830E-03 { 6.430E-03 }

2668 WHITE BLUFFS SLOUGH

OFF DATE	COM	U 235 LEPS PCI/G	U 238 LEPS PCI/G
09/24/1994		< 6.190E-03 { 6.730E-03 }	2.620E-01 { 6.300E-02 }

< - Result less than the 2 sigma Total Propagated Analytical Uncertainty
 which includes the 2 sigma counting error and analytical error
 { } - Total Propagated Analytical Uncertainty.
 NR - No result reported.
 nra - Not routinely analyzed or analyzed on a less frequent basis

Table S-1. Metal Concentrations in Sediments

Location	Sample #	Sample Date	Compound	Results Dry Weight (mg/kg)
100 F Slough	B0CSH4	9/24/94	Aluminum	26000
300 Area Spring	B0CSH9	8/29/94	Aluminum	27000
Hanford Slough	B0CSH5	9/25/94	Aluminum	18000
Hanford Spring	B0CSH8	9/2/94	Aluminum	14000
McNary Dam 1	B0CSG5	9/23/94	Aluminum	23000
McNary Dam 2	B0CSG6	9/23/94	Aluminum	16000
McNary Dam 3	B0CSG7	9/23/94	Aluminum	19000
McNary Dam 4	B0CSG8	9/23/94	Aluminum	37000
Priest Rapids Dam 1	B0CSG9	9/22/94	Aluminum	10000
Priest Rapids Dam 2	B0CSH0	9/22/94	Aluminum	25000
Priest Rapids Dam 3	B0CSH1	9/22/94	Aluminum	37000
Priest Rapids Dam 4	B0CSH2	9/22/94	Aluminum	16000
Richland	B0CSH6	9/25/94	Aluminum	19000
White Bluffs Slough	B0CSH3	9/24/94	Aluminum	8500
100 F Slough	B0CSH4	9/24/94	Antimony	ND
300 Area Spring	B0CSH9	8/29/94	Antimony	ND
Hanford Slough	B0CSH5	9/25/94	Antimony	ND
Hanford Spring	B0CSH8	9/2/94	Antimony	ND
McNary Dam 1	B0CSG5	9/23/94	Antimony	ND
McNary Dam 2	B0CSG6	9/23/94	Antimony	ND
McNary Dam 3	B0CSG7	9/23/94	Antimony	ND
McNary Dam 4	B0CSG8	9/23/94	Antimony	ND
Priest Rapids Dam 1	B0CSG9	9/22/94	Antimony	ND
Priest Rapids Dam 2	B0CSH0	9/22/94	Antimony	ND
Priest Rapids Dam 3	B0CSH1	9/22/94	Antimony	ND
Priest Rapids Dam 4	B0CSH2	9/22/94	Antimony	ND
Richland	B0CSH6	9/25/94	Antimony	ND
White Bluffs Slough	B0CSH3	9/24/94	Antimony	ND
100 F Slough	B0CSH4	9/24/94	Barium	180
300 Area Spring	B0CSH9	8/29/94	Barium	240
Hanford Slough	B0CSH5	9/25/94	Barium	220
Hanford Spring	B0CSH8	9/2/94	Barium	150
McNary Dam 1	B0CSG5	9/23/94	Barium	170
McNary Dam 2	B0CSG6	9/23/94	Barium	100
McNary Dam 3	B0CSG7	9/23/94	Barium	130
McNary Dam 4	B0CSG8	9/23/94	Barium	290
Priest Rapids Dam 1	B0CSG9	9/22/94	Barium	72
Priest Rapids Dam 2	B0CSH0	9/22/94	Barium	170
Priest Rapids Dam 3	B0CSH1	9/22/94	Barium	250
Priest Rapids Dam 4	B0CSH2	9/22/94	Barium	130
Richland	B0CSH6	9/25/94	Barium	130
White Bluffs Slough	B0CSH3	9/24/94	Barium	64
100 F Slough	B0CSH4	9/24/94	Beryllium	0.52
300 Area Spring	B0CSH9	8/29/94	Beryllium	0.67
Hanford Slough	B0CSH5	9/25/94	Beryllium	0.32
Hanford Spring	B0CSH8	9/2/94	Beryllium	0.39

Table S-1. Metal Concentrations in Sediments

Location	Sample #	Sample Date	Compound	Results Dry Weight (mg/kg)
McNary Dam 1	B0CSG5	9/23/94	Beryllium	0.66
McNary Dam 2	B0CSG6	9/23/94	Beryllium	0.47
McNary Dam 3	B0CSG7	9/23/94	Beryllium	0.58
McNary Dam 4	B0CSG8	9/23/94	Beryllium	0.88
Priest Rapids Dam 1	B0CSG9	9/22/94	Beryllium	0.26
Priest Rapids Dam 2	B0CSH0	9/22/94	Beryllium	0.65
Priest Rapids Dam 3	B0CSH1	9/22/94	Beryllium	0.76
Priest Rapids Dam 4	B0CSH2	9/22/94	Beryllium	0.42
Richland	B0CSH6	9/25/94	Beryllium	0.48
White Bluffs Slough	B0CSH3	9/24/94	Beryllium	0.22
100 F Slough	B0CSH4	9/24/94	Cadmium	2.8
300 Area Spring	B0CSH9	8/29/94	Cadmium	1.7
Hanford Slough	B0CSH5	9/25/94	Cadmium	2.5
Hanford Spring	B0CSH8	9/2/94	Cadmium	2.2
McNary Dam 1	B0CSG5	9/23/94	Cadmium	1.9
McNary Dam 2	B0CSG6	9/23/94	Cadmium	2.3
McNary Dam 3	B0CSG7	9/23/94	Cadmium	3
McNary Dam 4	B0CSG8	9/23/94	Cadmium	ND
Priest Rapids Dam 1	B0CSG9	9/22/94	Cadmium	5.1
Priest Rapids Dam 2	B0CSH0	9/22/94	Cadmium	9.2
Priest Rapids Dam 3	B0CSH1	9/22/94	Cadmium	3.8
Priest Rapids Dam 4	B0CSH2	9/22/94	Cadmium	7.1
Richland	B0CSH6	9/25/94	Cadmium	3.9
White Bluffs Slough	B0CSH3	9/24/94	Cadmium	2.2
100 F Slough	B0CSH4	9/24/94	Calcium	16000
300 Area Spring	B0CSH9	8/29/94	Calcium	14000
Hanford Slough	B0CSH5	9/25/94	Calcium	10000
Hanford Spring	B0CSH8	9/2/94	Calcium	10000
McNary Dam 1	B0CSG5	9/23/94	Calcium	10000
McNary Dam 2	B0CSG6	9/23/94	Calcium	4500
McNary Dam 3	B0CSG7	9/23/94	Calcium	5800
McNary Dam 4	B0CSG8	9/23/94	Calcium	29000
Priest Rapids Dam 1	B0CSG9	9/22/94	Calcium	4300
Priest Rapids Dam 2	B0CSH0	9/22/94	Calcium	12000
Priest Rapids Dam 3	B0CSH1	9/22/94	Calcium	22000
Priest Rapids Dam 4	B0CSH2	9/22/94	Calcium	6700
Richland	B0CSH6	9/25/94	Calcium	12000
White Bluffs Slough	B0CSH3	9/24/94	Calcium	3800
100 F Slough	B0CSH4	9/24/94	Chromium	100
300 Area Spring	B0CSH9	8/29/94	Chromium	52
Hanford Slough	B0CSH5	9/25/94	Chromium	45
Hanford Spring	B0CSH8	9/2/94	Chromium	28
McNary Dam 1	B0CSG5	9/23/94	Chromium	31
McNary Dam 2	B0CSG6	9/23/94	Chromium	23
McNary Dam 3	B0CSG7	9/23/94	Chromium	26
McNary Dam 4	B0CSG8	9/23/94	Chromium	56

Table S-1. Metal Concentrations in Sediments

<u>Location</u>	<u>Sample #</u>	<u>Sample Date</u>	<u>Compound</u>	<u>Results Dry Weight (mg/kg)</u>
Priest Rapids Dam 1	B0CSG9	9/22/94	Chromium	18
Priest Rapids Dam 2	B0CSH0	9/22/94	Chromium	38
Priest Rapids Dam 3	B0CSH1	9/22/94	Chromium	62
Priest Rapids Dam 4	B0CSH2	9/22/94	Chromium	29
Richland	B0CSH6	9/25/94	Chromium	42
White Bluffs Slough	B0CSH3	9/24/94	Chromium	20
100 F Slough	B0CSH4	9/24/94	Cobalt	24
300 Area Spring	B0CSH9	8/29/94	Cobalt	23
Hanford Slough	B0CSH5	9/25/94	Cobalt	17
Hanford Spring	B0CSH8	9/2/94	Cobalt	14
McNary Dam 1	B0CSG5	9/23/94	Cobalt	18
McNary Dam 2	B0CSG6	9/23/94	Cobalt	8.4
McNary Dam 3	B0CSG7	9/23/94	Cobalt	12
McNary Dam 4	B0CSG8	9/23/94	Cobalt	46
Priest Rapids Dam 1	B0CSG9	9/22/94	Cobalt	6.2
Priest Rapids Dam 2	B0CSH0	9/22/94	Cobalt	20
Priest Rapids Dam 3	B0CSH1	9/22/94	Cobalt	30
Priest Rapids Dam 4	B0CSH2	9/22/94	Cobalt	13
Richland	B0CSH6	9/25/94	Cobalt	13
White Bluffs Slough	B0CSH3	9/24/94	Cobalt	5.1
100 F Slough	B0CSH4	9/24/94	Copper	81
300 Area Spring	B0CSH9	8/29/94	Copper	41
Hanford Slough	B0CSH5	9/25/94	Copper	41
Hanford Spring	B0CSH8	9/2/94	Copper	33
McNary Dam 1	B0CSG5	9/23/94	Copper	22
McNary Dam 2	B0CSG6	9/23/94	Copper	23
McNary Dam 3	B0CSG7	9/23/94	Copper	28
McNary Dam 4	B0CSG8	9/23/94	Copper	42
Priest Rapids Dam 1	B0CSG9	9/22/94	Copper	23
Priest Rapids Dam 2	B0CSH0	9/22/94	Copper	46
Priest Rapids Dam 3	B0CSH1	9/22/94	Copper	40
Priest Rapids Dam 4	B0CSH2	9/22/94	Copper	33
Richland	B0CSH6	9/25/94	Copper	42
White Bluffs Slough	B0CSH3	9/24/94	Copper	25
100 F Slough	B0CSH4	9/24/94	Iron	67000
300 Area Spring	B0CSH9	8/29/94	Iron	62000
Hanford Slough	B0CSH5	9/25/94	Iron	55000
Hanford Spring	B0CSH8	9/2/94	Iron	39000
McNary Dam 1	B0CSG5	9/23/94	Iron	46000
McNary Dam 2	B0CSG6	9/23/94	Iron	19000
McNary Dam 3	B0CSG7	9/23/94	Iron	26000
McNary Dam 4	B0CSG8	9/23/94	Iron	140000
Priest Rapids Dam 1	B0CSG9	9/22/94	Iron	14000
Priest Rapids Dam 2	B0CSH0	9/22/94	Iron	50000
Priest Rapids Dam 3	B0CSH1	9/22/94	Iron	86000
Priest Rapids Dam 4	B0CSH2	9/22/94	Iron	27000

Table S-1. Metal Concentrations in Sediments

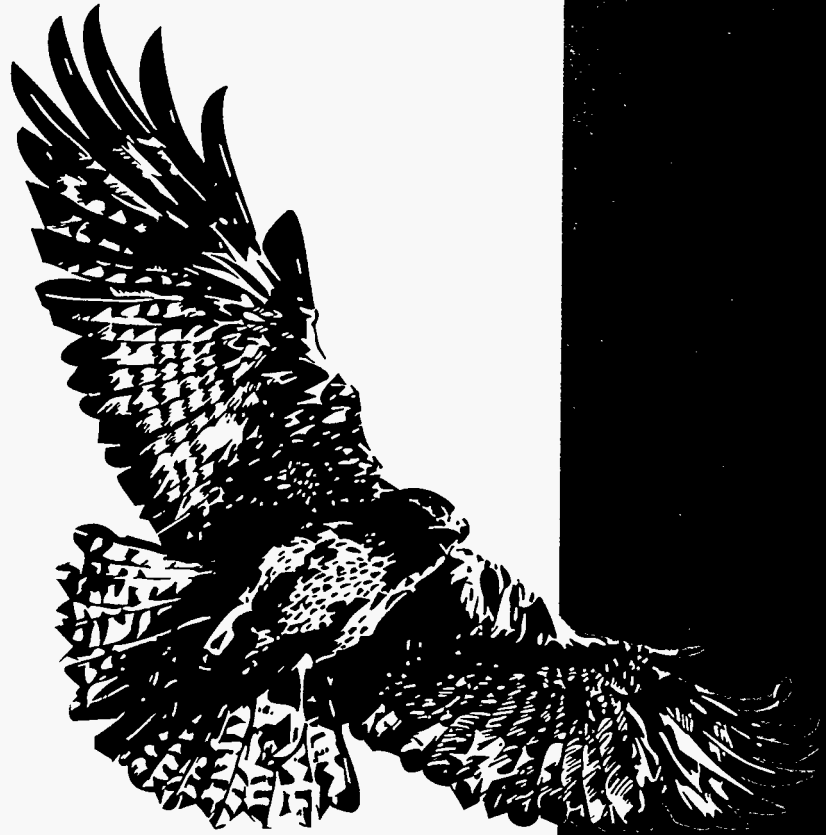
Location	Sample #	Sample Date	Compound	Results Dry Weight (mg/kg)
Richland	B0CSH6	9/25/94	Iron	42000
White Bluffs Slough	B0CSH3	9/24/94	Iron	15000
100 F Slough	B0CSH4	9/24/94	Magnesium	14000
300 Area Spring	B0CSH9	8/29/94	Magnesium	14000
Hanford Slough	B0CSH5	9/25/94	Magnesium	11000
Hanford Spring	B0CSH8	9/2/94	Magnesium	7200
McNary Dam 1	B0CSG5	9/23/94	Magnesium	10000
McNary Dam 2	B0CSG6	9/23/94	Magnesium	4400
McNary Dam 3	B0CSG7	9/23/94	Magnesium	5800
McNary Dam 4	B0CSG8	9/23/94	Magnesium	23000
Priest Rapids Dam 1	B0CSG9	9/22/94	Magnesium	4500
Priest Rapids Dam 2	B0CSH0	9/22/94	Magnesium	10000
Priest Rapids Dam 3	B0CSH1	9/22/94	Magnesium	18000
Priest Rapids Dam 4	B0CSH2	9/22/94	Magnesium	7300
Richland	B0CSH6	9/25/94	Magnesium	9400
White Bluffs Slough	B0CSH3	9/24/94	Magnesium	4000
100 F Slough	B0CSH4	9/24/94	Manganese	810
300 Area Spring	B0CSH9	8/29/94	Manganese	810
Hanford Slough	B0CSH5	9/25/94	Manganese	1400
Hanford Spring	B0CSH8	9/2/94	Manganese	720
McNary Dam 1	B0CSG5	9/23/94	Manganese	710
McNary Dam 2	B0CSG6	9/23/94	Manganese	450
McNary Dam 3	B0CSG7	9/23/94	Manganese	640
McNary Dam 4	B0CSG8	9/23/94	Manganese	1800
Priest Rapids Dam 1	B0CSG9	9/22/94	Manganese	170
Priest Rapids Dam 2	B0CSH0	9/22/94	Manganese	620
Priest Rapids Dam 3	B0CSH1	9/22/94	Manganese	1100
Priest Rapids Dam 4	B0CSH2	9/22/94	Manganese	420
Richland	B0CSH6	9/25/94	Manganese	420
White Bluffs Slough	B0CSH3	9/24/94	Manganese	170
100 F Slough	B0CSH4	9/24/94	Nickel	52
300 Area Spring	B0CSH9	8/29/94	Nickel	48
Hanford Slough	B0CSH5	9/25/94	Nickel	45
Hanford Spring	B0CSH8	9/2/94	Nickel	24
McNary Dam 1	B0CSG5	9/23/94	Nickel	23
McNary Dam 2	B0CSG6	9/23/94	Nickel	15
McNary Dam 3	B0CSG7	9/23/94	Nickel	21
McNary Dam 4	B0CSG8	9/23/94	Nickel	39
Priest Rapids Dam 1	B0CSG9	9/22/94	Nickel	17
Priest Rapids Dam 2	B0CSH0	9/22/94	Nickel	31
Priest Rapids Dam 3	B0CSH1	9/22/94	Nickel	48
Priest Rapids Dam 4	B0CSH2	9/22/94	Nickel	29
Richland	B0CSH6	9/25/94	Nickel	25
White Bluffs Slough	B0CSH3	9/24/94	Nickel	15
100 F Slough	B0CSH4	9/24/94	Potassium	3100
300 Area Spring	B0CSH9	8/29/94	Potassium	3100

Table S-1. Metal Concentrations in Sediments

Location	Sample #	Sample Date	Compound	Results Dry Weight (mg/kg)
Hanford Slough	B0CSH5	9/25/94	Potassium	2300
Hanford Spring	B0CSH8	9/2/94	Potassium	1600
McNary Dam 1	B0CSG5	9/23/94	Potassium	4000
McNary Dam 2	B0CSG6	9/23/94	Potassium	2300
McNary Dam 3	B0CSG7	9/23/94	Potassium	2300
McNary Dam 4	B0CSG8	9/23/94	Potassium	4400
Priest Rapids Dam 1	B0CSG9	9/22/94	Potassium	1500
Priest Rapids Dam 2	B0CSH0	9/22/94	Potassium	3300
Priest Rapids Dam 3	B0CSH1	9/22/94	Potassium	4100
Priest Rapids Dam 4	B0CSH2	9/22/94	Potassium	2000
Richland	B0CSH6	9/25/94	Potassium	2900
White Bluffs Slough	B0CSH3	9/24/94	Potassium	1200
100 F Slough	B0CSH4	9/24/94	Silver	ND
300 Area Spring	B0CSH9	8/29/94	Silver	ND
Hanford Slough	B0CSH5	9/25/94	Silver	ND
Hanford Spring	B0CSH8	9/2/94	Silver	ND
McNary Dam 1	B0CSG5	9/23/94	Silver	ND
McNary Dam 2	B0CSG6	9/23/94	Silver	ND
McNary Dam 3	B0CSG7	9/23/94	Silver	ND
McNary Dam 4	B0CSG8	9/23/94	Silver	ND
Priest Rapids Dam 1	B0CSG9	9/22/94	Silver	ND
Priest Rapids Dam 2	B0CSH0	9/22/94	Silver	ND
Priest Rapids Dam 3	B0CSH1	9/22/94	Silver	ND
Priest Rapids Dam 4	B0CSH2	9/22/94	Silver	ND
Richland	B0CSH6	9/25/94	Silver	ND
White Bluffs Slough	B0CSH3	9/24/94	Silver	ND
100 F Slough	B0CSH4	9/24/94	Sodium	1200
300 Area Spring	B0CSH9	8/29/94	Sodium	1200
Hanford Slough	B0CSH5	9/25/94	Sodium	820
Hanford Spring	B0CSH8	9/2/94	Sodium	670
McNary Dam 1	B0CSG5	9/23/94	Sodium	1000
McNary Dam 2	B0CSG6	9/23/94	Sodium	450
McNary Dam 3	B0CSG7	9/23/94	Sodium	530
McNary Dam 4	B0CSG8	9/23/94	Sodium	2900
Priest Rapids Dam 1	B0CSG9	9/22/94	Sodium	420
Priest Rapids Dam 2	B0CSH0	9/22/94	Sodium	1300
Priest Rapids Dam 3	B0CSH1	9/22/94	Sodium	2200
Priest Rapids Dam 4	B0CSH2	9/22/94	Sodium	480
Richland	B0CSH6	9/25/94	Sodium	810
White Bluffs Slough	B0CSH3	9/24/94	Sodium	250
100 F Slough	B0CSH4	9/24/94	Tin	ND
300 Area Spring	B0CSH9	8/29/94	Tin	16
Hanford Slough	B0CSH5	9/25/94	Tin	ND
Hanford Spring	B0CSH8	9/2/94	Tin	ND
McNary Dam 1	B0CSG5	9/23/94	Tin	ND
McNary Dam 2	B0CSG6	9/23/94	Tin	ND

Table S-1. Metal Concentrations in Sediments

Location	Sample #	Sample Date	Compound	Results Dry Weight (mg/kg)
McNary Dam 3	B0CSG7	9/23/94	Tin	ND
McNary Dam 4	B0CSG8	9/23/94	Tin	ND
Priest Rapids Dam 1	B0CSG9	9/22/94	Tin	ND
Priest Rapids Dam 2	B0CSH0	9/22/94	Tin	ND
Priest Rapids Dam 3	B0CSH1	9/22/94	Tin	ND
Priest Rapids Dam 4	B0CSH2	9/22/94	Tin	ND
Richland	B0CSH6	9/25/94	Tin	ND
White Bluffs Slough	B0CSH3	9/24/94	Tin	ND
100 F Slough	B0CSH4	9/24/94	Vanadium	170
300 Area Spring	B0CSH9	8/29/94	Vanadium	170
Hanford Slough	B0CSH5	9/25/94	Vanadium	140
Hanford Spring	B0CSH8	9/2/94	Vanadium	94
McNary Dam 1	B0CSG5	9/23/94	Vanadium	110
McNary Dam 2	B0CSG6	9/23/94	Vanadium	42
McNary Dam 3	B0CSG7	9/23/94	Vanadium	53
McNary Dam 4	B0CSG8	9/23/94	Vanadium	470
Priest Rapids Dam 1	B0CSG9	9/22/94	Vanadium	35
Priest Rapids Dam 2	B0CSH0	9/22/94	Vanadium	150
Priest Rapids Dam 3	B0CSH1	9/22/94	Vanadium	240
Priest Rapids Dam 4	B0CSH2	9/22/94	Vanadium	63
Richland	B0CSH6	9/25/94	Vanadium	110
White Bluffs Slough	B0CSH3	9/24/94	Vanadium	31
100 F Slough	B0CSH4	9/24/94	Zinc	710
300 Area Spring	B0CSH9	8/29/94	Zinc	300
Hanford Slough	B0CSH5	9/25/94	Zinc	400
Hanford Spring	B0CSH8	9/2/94	Zinc	390
McNary Dam 1	B0CSG5	9/23/94	Zinc	240
McNary Dam 2	B0CSG6	9/23/94	Zinc	180
McNary Dam 3	B0CSG7	9/23/94	Zinc	280
McNary Dam 4	B0CSG8	9/23/94	Zinc	390
Priest Rapids Dam 1	B0CSG9	9/22/94	Zinc	380
Priest Rapids Dam 2	B0CSH0	9/22/94	Zinc	730
Priest Rapids Dam 3	B0CSH1	9/22/94	Zinc	620
Priest Rapids Dam 4	B0CSH2	9/22/94	Zinc	630
Richland	B0CSH6	9/25/94	Zinc	610
White Bluffs Slough	B0CSH3	9/24/94	Zinc	360



Quality Assurance

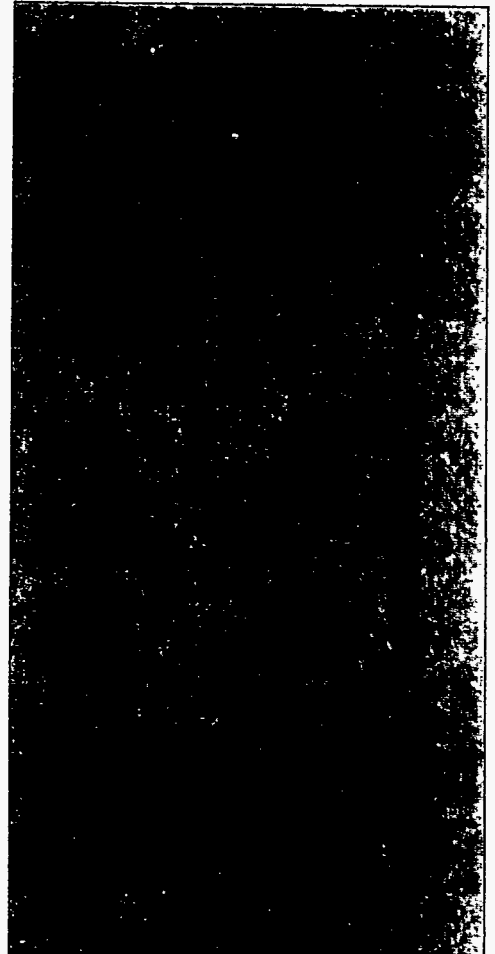


Table Q-1. International Technology (IT) Corporation Performance on Surface Environmental Surveillance Project Blind Samples, 1994

<u>Radionuclide</u>	<u>Reported Value</u>		<u>True Value</u>		<u>Reported/True</u>	<u>%Bias</u>
Air Filter						
Mn-54	57.3	pCi/filter	43.3	pCi/filter	1.32	32
Co-57	8.98	pCi/filter	9.29	pCi/filter	0.97	-3
Co-60	440	pCi/filter	419	pCi/filter	1.05	5
Sr-90	1.93	pCi/filter	2.30	pCi/filter	0.84	-16
Cs-134	144	pCi/filter	125	pCi/filter	1.15	15
Cs-137	462	pCi/filter	389	pCi/filter	1.19	19
Ce-144	25.3	pCi/filter	15.9	pCi/filter	1.60	60
Pu-239	1.37	pCi/filter	1.38	pCi/filter	0.99	-1
Vegetation						
K-40	31.3	pCi/g	27.8	pCi/g	1.12	12
Sr-90	22.3	pCi/g	21.9	pCi/g	1.02	2
Cs-137	0.489	pCi/g	0.451	pCi/g	1.08	8
Pu-239	0.002	pCi/g	0.003	pCi/g	0.90	-10
Soil						
K-40	15.0	pCi/g	13.9	pCi/g	1.08	8
Sr-90	0.195	pCi/g	0.206	pCi/g	0.95	-5
Cs-137	5.00	pCi/g	4.86	pCi/g	1.03	3
Pu-239	0.025	pCi/g	0.031	pCi/g	0.81	-19
U-234	0.355	pCi/g	0.765	pCi/g	0.46	-54
U-238	0.355	pCi/g	0.738	pCi/g	0.48	-52
Water						
H-3	94900	pCi/L	85340	pCi/L	1.11	11
Mn-54	359	pCi/L	391	pCi/L	0.92	-8
Co-57	890	pCi/L	1060	pCi/L	0.84	-16
Co-60	7580	pCi/L	8105	pCi/L	0.94	-6
Sr-90	223	pCi/L	245	pCi/L	0.91	-9
Cs-134	2680	pCi/L	2721	pCi/L	0.98	-2
Cs-137	9300	pCi/L	9672	pCi/L	0.96	-4
Ce-144	1340	pCi/L	887	pCi/L	1.51	51
Pu-239	24.4	pCi/L	29.5	pCi/L	0.83	-17
U-234	6.62	pCi/L	6.38	pCi/L	1.04	4
U-238	6.32	pCi/L	6.60	pCi/L	0.96	-4

**Table Q-2. International Technology (IT) Corporation Performance
Data on EPA Intercomparison Program Samples, 1994**

Analysis	Concentrations (a), pCi/filter or pCi/L			%Bias	Out of Control Limits
	IT Average Concentration	EPA Known			
Air Filters					
Cs-137	15.7 ± 0.58	15.0 ±	5.0	4.47	
Gross Alpha	36.7 ± 3.79	35.0 ±	9.0	4.77	
Gross Beta	44.7 ± 1.53	56.0 ±	10	-20.23	
Sr-90	19.3 ± 1.53	20.0 ±	5.0	-3.35	
Milk					
Cs-137	63.0 ± 6.24	59.0 ±	5.0	6.78	
I-131	79.0 ± 6.08	75.0 ±	8.0	5.33	
Sr-89	18.0 ± 1.73	25.0 ±	5.0	-28.00	
Sr-90	12.0 ± 0.00	15.0 ±	5.0	-20.00	
Water					
Ba-133	83.0 ± 1.00	98.0 ±	10	-15.31	
Ba-133	62.7 ± 1.53	73.0 ±	7.0	-14.15	
Co-60	18.7 ± 0.58	20.0 ±	5.0	-6.65	
Co-60	47.3 ± 0.58	50.0 ±	5.0	-5.34	
Co-60	36.7 ± 0.58	40.0 ±	5.0	-8.33	
Co-60	51.0 ± 1.73	59.0 ±	5.0	-13.56	
Cs-134	28.7 ± 1.53	34.0 ±	5.0	-15.68	
Cs-134	33.7 ± 0.58	40.0 ±	5.0	-15.83	
Cs-134	16.3 ± 0.58	20.0 ±	5.0	-18.35	
Cs-134	19.3 ± 1.15	24.0 ±	5.0	-19.46	
Cs-137	30.0 ± 0.00	29.0 ±	5.0	3.45	
Cs-137	50.0 ± 1.00	49.0 ±	5.0	2.04	
Cs-137	39.3 ± 0.58	39.0 ±	5.0	0.85	
Cs-137	46.3 ± 1.15	49.0 ±	5.0	-5.45	
Gross Alpha	12.0 ± 0.00	15.0 ±	5.0	-20.00	
Gross Alpha	78.7 ± 5.13	86.0 ±	22	-8.52	
Gross Alpha	33.3 ± 2.08	32.0 ±	8.0	4.16	
Gross Alpha	68.7 ± 2.08	57.0 ±	14	20.47	
Gross Alpha	43.0 ± 4.00	57.0 ±	14	-24.56	
Gross Beta	80.0 ± 1.00	62.0 ±	10	29.03	
Gross Beta	107 ± 2.08	117 ±	18	-8.26	
Gross Beta	11.7 ± 0.58	10.0 ±	5.0	16.70	
Gross Beta	117 ± 3.06	142 ±	21	-17.84	
Gross Beta	21.0 ± 4.00	23.0 ±	5.0	-8.70	
H-3	4919 ± 61.17	4936 ±	494	-0.35	

Table Q-2. International Technology (IT) Corporation Performance Data on EPA Intercomparison Program Samples, 1994

Analysis	Concentrations (a), pCi/filter or pCi/L			%Bias	Out of Control Limits
	IT Average Concentration	EPA Known			
H-3	9623 ± 41.37	9951 ± 995		-3.29	
Pu-239	26.8 ± 0.25	27.6 ± 2.8		-3.01	
Ra-226	19.0 ± 1.19	19.9 ± 3.0		-4.37	
Ra-226	19.0 ± 0.64	20.0 ± 3.0		-5.15	
Ra-226	13.9 ± 0.67	15.0 ± 2.3		-7.53	
Ra-226	9.97 ± 0.46	10.0 ± 1.5		-0.30	
Ra-226	9.03 ± 0.51	9.9 ± 1.5		-8.79	
Ra-228	14.4 ± 0.20	14.7 ± 3.7		-2.04	
Ra-228	21.3 ± 0.85	20.1 ± 5.0		5.82	
Ra-228	14.3 ± 0.06	15.4 ± 3.9		-7.34	
Ra-228	8.83 ± 0.21	10.2 ± 2.6		-13.43	
Ra-228	8.73 ± 0.25	10.1 ± 2.5		-13.56	
Ru-106	179 ± 8.39	252 ± 25		-28.84	*
Sr-89	23.0 ± 1.00	25.0 ± 5.0		-8.00	
Sr-89	18.0 ± 1.00	20.0 ± 5.0		-10.00	
Sr-89	30.0 ± 1.00	30.0 ± 5.0		0.00	
Sr-89	27.0 ± 2.00	25.0 ± 5.0		8.00	
Sr-90	13.7 ± 0.58	15.0 ± 5.0		-8.87	
Sr-90	12.7 ± 0.58	14.0 ± 5.0		-9.50	
Sr-90	15.7 ± 0.58	20.0 ± 5.0		-21.65	
Sr-90	13.3 ± 0.58	15.0 ± 5.0		-11.13	
Uranium	10.4 ± 0.10	10.1 ± 3.0		2.97	
Uranium	20.8 ± 1.14	25.0 ± 3.0		-16.80	
Uranium	55.9 ± 0.64	52.6 ± 5.3		6.22	
Uranium	43.8 ± 0.75	35.0 ± 3.0		25.06	
Uranium	18.8 ± 0.21	20.0 ± 3.0		-5.85	
Zn-65	140 ± 4.04	134 ± 13		4.72	
Zn-65	95.3 ± 4.04	100 ± 10		-4.67	

(a) Concentrations are ± 2 sigma total propagated analytical uncertainty

Table Q-3. International Technology (IT) Corporation Performance Data on the DOE Quality Assessment Program Samples, 1994

<u>Radionuclide</u>	<u>True Value</u>	<u>Reported Value</u>	<u>Reported/True</u>	<u>%Bias</u>
Soil				
K-40	9.11 pCi/g	10.4 pCi/g	1.14	14
Sr-90	0.238 pCi/g	0.319 pCi/g	1.34	34
Cs-137	3.81 pCi/g	4.05 pCi/g	1.06	6
Pu-238	3.03 pCi/g	4.49 pCi/g	1.48	48
Pu-239	0.096 pCi/g	0.196 pCi/g	2.04	104
Am-241	0.055 pCi/g	0.065 pCi/g	1.19	19
U-234	0.732 pCi/g	0.954 pCi/g	1.30	30
U-238	0.732 pCi/g	1.04 pCi/g	1.42	42
Total Uranium	0.058 ug/g	2.89 ug/g	50.23	****
Vegetation				
K-40	24.9 pCi/g	25.3 pCi/g	1.02	2
Co-60	0.919 pCi/g	0.930 pCi/g	1.01	1
Sr-90	15.5 pCi/g	15.9 pCi/g	1.02	2
Cs-137	12.5 pCi/g	11.6 pCi/g	0.93	-7
Am-241	0.069 pCi/g	0.071 pCi/g	1.02	2
Air Filter				
Mn-54	905 pCi/filter	816 pCi/filter	0.90	-10
Co-57	338 pCi/filter	269 pCi/filter	0.80	-20
Co-60	1897 pCi/filter	1646 pCi/filter	0.87	-13
Sr-90	19.4 pCi/filter	34.3 pCi/filter	1.77	77
Sb-125	630 pCi/filter	576 pCi/filter	0.91	-9
Cs-137	1081 pCi/filter	905 pCi/filter	0.84	-16
Ce-144	3459 pCi/filter	2651 pCi/filter	0.77	-23
Pu-238	9.03 pCi/filter	9.73 pCi/filter	1.08	8
Pu-239	8.38 pCi/filter	9.73 pCi/filter	1.16	16
Am-241	10.6 pCi/filter	18.1 pCi/filter	1.71	71
U-234	5.32 pCi/filter	6.59 pCi/filter	1.24	24
U-238	5.49 pCi/filter	6.95 pCi/filter	1.27	27
Total Uranium	427 ug/filter	468 ug/filter	1.09	9
Water				
H-3	5054 pCi/L	4054 pCi/L	0.80	-20
Mn-54	2654 pCi/L	2303 pCi/L	0.87	-13
Co-60	2730 pCi/L	2551 pCi/L	0.93	-7
Sr-90	773 pCi/L	814 pCi/L	1.05	5
Cs-134	4162 pCi/L	3838 pCi/L	0.92	-8
Cs-137	2532 pCi/L	2468 pCi/L	0.97	-3
U-234	14.1 pCi/L	3.03 pCi/L	0.22	-78
U-238	14.3 pCi/L	3.46 pCi/L	0.24	-76
Total Uranium	41.3 ug/L	39.6 ug/L	0.96	-4
Soil				
K-40	11.6 pCi/g	13.4 pCi/g	1.16	16

Table Q-3. International Technology (IT) Corporation Performance Data
on the DOE Quality Assessment Program Samples, 1994

<u>Radionuclide</u>	<u>True Value</u>	<u>Reported Value</u>	<u>Reported/True</u>	<u>%Bias</u>
Soil				
Sr-90	0.089 pCi/g	0.080 pCi/g	0.90	-10
Cs-137	7.57 pCi/g	9.43 pCi/g	1.25	25
Pu-238	0.008 pCi/g	0.005 pCi/g	0.58	-42
Pu-239	0.210 pCi/g	0.217 pCi/g	1.03	3
Am-241	0.047 pCi/g	0.043 pCi/g	0.92	-8
Total Uranium	0.073 ug/g	0.025 ug/g	0.35	-65
Vegetation				
K-40	21.8 pCi/g	26.4 pCi/g	1.21	21
Co-60	0.289 pCi/g	0.314 pCi/g	1.08	8
Sr-90	14.5 pCi/g	15.4 pCi/g	1.07	7
Cs-137	4.00 pCi/g	4.59 pCi/g	1.15	15
Pu-238	0.002 pCi/g	0.002 pCi/g	0.87	-13
Pu-239	0.034 pCi/g	0.039 pCi/g	1.16	16
Am-241	0.022 pCi/g	0.021 pCi/g	0.94	-6
Cm-244	0.018 pCi/g	0.009 pCi/g	0.47	-53
Air Filter				
Mn-54	181 pCi/filter	164 pCi/filter	0.91	-9
Co-57	349 pCi/filter	273 pCi/filter	0.78	-22
Co-60	276 pCi/filter	245 pCi/filter	0.89	-11
Sr-90	35.9 pCi/filter	40.5 pCi/filter	1.13	13
Ru-106	155 pCi/filter	123 pCi/filter	0.79	-21
Sb-125	684 pCi/filter	654 pCi/filter	0.96	-4
Cs-134	573 pCi/filter	503 pCi/filter	0.88	-12
Cs-137	281 pCi/filter	251 pCi/filter	0.89	-11
Ce-144	2200 pCi/filter	1711 pCi/filter	0.78	-22
Pu-238	1.95 pCi/filter	1.81 pCi/filter	0.93	-7
Pu-239	17.5 pCi/filter	15.8 pCi/filter	0.90	-10
Am-241	5.73 pCi/filter	5.03 pCi/filter	0.88	-12
Total Uranium	9.45 ug/filter	8.39 ug/filter	0.89	-11
Water				
H-3	3054 pCi/L	2703 pCi/L	0.88	-12
Mn-54	2919 pCi/L	2757 pCi/L	0.94	-6
Co-60	8568 pCi/L	9108 pCi/L	1.06	6
Sr-90	1854 pCi/L	3486 pCi/L	1.88	88
Cs-134	1432 pCi/L	1554 pCi/L	1.08	8
Cs-137	1259 pCi/L	1403 pCi/L	1.11	11
Ce-144	13270 pCi/L	11351 pCi/L	0.86	-14
Pu-238	28.6 pCi/L	31.4 pCi/L	1.09	9
Pu-239	16.3 pCi/L	15.6 pCi/L	0.96	-4
AM-241	27.3 pCi/L	24.9 pCi/L	0.91	-9
Total Uranium	89.0 ug/L	89.0 ug/L	1.00	0

Table Q-4. DataChem Laboratory Performance Data on EPA Water Supply and Water Pollution Intercomparison Program Samples, 1994

Study	Constituent	Units	Reported Value	True Value	Performance Evaluation
Trace Metals					
WS034	Aluminum	ug/L	154	151	Acceptable
WP032	Aluminum	ug/L	1360	1301	Acceptable
WS033	Aluminum	ug/L	1330	1400	Acceptable
WP032	Aluminum	ug/L	1850	1801	Acceptable
WS034	Antimony	ug/L	22.4	23.7	Acceptable
WS033	Antimony	ug/L	45.5	48.9	Acceptable
WP032	Antimony	ug/L	163	159	Acceptable
WP032	Antimony	ug/L	.338	320	Acceptable
WS033	Arsenic	ug/L	41.7	39.5	Acceptable
WS034	Arsenic	ug/L	150	140	Acceptable
WP032	Arsenic	ug/L	204	210	Acceptable
WP032	Arsenic	ug/L	334	350	Acceptable
WS034	Beryllium	ug/L	5.3	5.33	Acceptable
WS033	Beryllium	ug/L	8.73	9.07	Acceptable
WP032	Beryllium	ug/L	27.5	28	Acceptable
WP032	Beryllium	ug/L	83.2	85.2	Acceptable
WS034	Boron	ug/L	138	115	Acceptable
WS033	Boron	ug/L	1660	1700	Acceptable
WS034	Cadmium	ug/L	23.7	23	Acceptable
WP032	Cadmium	ug/L	28.5	27.9	Acceptable
WS033	Cadmium	ug/L	49.1	49	Acceptable
WP032	Cadmium	ug/L	77.1	78	Acceptable
WS034	Chromium	ug/L	12	11.6	Acceptable
WS033	Chromium	ug/L	159	159	Acceptable
WP032	Chromium	ug/L	166	169	Acceptable
WP032	Chromium	ug/L	944	955	Acceptable
WP032	Cobalt	ug/L	164	170	Acceptable
WP032	Cobalt	ug/L	396	410	Acceptable
WP032	Copper	ug/L	96.2	98	Acceptable
WP032	Copper	ug/L	313	320	Acceptable
WS034	Copper	ug/L	432	420	Acceptable
WS033	Copper	ug/L	1900	1900	Acceptable
WP032	Iron	ug/L	309	310	Acceptable
WP032	Iron	ug/L	2570	2600	Acceptable

Table Q-4. DataChem Laboratory Performance Data on EPA Water Supply and Water Pollution Intercomparison Program Samples, 1994

Study	Constituent	Units	Reported Value	True Value	Performance Evaluation
WS034	Lead	ug/L	28.1	27	Acceptable
WS033	Lead	ug/L	79.5	78.7	Acceptable
WP032	Lead	ug/L	108	110	Acceptable
WP032	Lead	ug/L	218	220	Acceptable
WP032	Magnesium	mg/L	1.56	1.6	Acceptable
WP032	Magnesium	mg/L	20.1	20	Acceptable
WS033	Manganese	ug/L	63.5	63.3	Acceptable
WP032	Manganese	ug/L	457	470	Acceptable
WS034	Manganese	ug/L	624	590	Acceptable
WP032	Manganese	ug/L	925	950	Acceptable
WP032	Mercury	ug/L	0.651	0.615	Acceptable
WS033	Mercury	ug/L	1.68	1.77	Acceptable
WP032	Mercury	ug/L	3.95	3.89	Acceptable
WS034	Mercury	ug/L	5.17	5.09	Acceptable
WS034	Molybdenum	ug/L	25	24	Acceptable
WP032	Molybdenum	ug/L	44.3	44	Acceptable
WP032	Molybdenum	ug/L	128	130	Acceptable
WS033	Molybdenum	ug/L	126	130	Acceptable
WS034	Nickel	ug/L	284	270	Acceptable
WS033	Nickel	ug/L	493	490	Acceptable
WP032	Nickel	ug/L	662	660	Acceptable
WP032	Nickel	ug/L	2790	2800	Acceptable
WS034	Selenium	ug/L	54.8	51.8	Acceptable
WP032	Selenium	ug/L	100	90.2	Acceptable
WS033	Selenium	ug/L	99.8	98.3	Acceptable
WP032	Selenium	ug/L	97.5	100	Acceptable
WS034	Silver	ug/L	38.8	38.1	Acceptable
WP032	Silver	ug/L	46.2	47.8	Acceptable
WS033	Silver	ug/L	65.1	66.9	Acceptable
WP032	Silver	ug/L	93.1	93.1	Acceptable
WP032	Stronium	ug/L	7.49	7.62	Acceptable
WP032	Stronium	ug/L	25.9	26	Acceptable
WS034	Thallium	ug/L	6.7	6.19	Acceptable
WS033	Thallium	ug/L	10.7	9.56	Acceptable
WP032	Thallium	ug/L	107	110	Acceptable
WP032	Thallium	ug/L	248	260	Acceptable

Table Q-4. DataChem Laboratory Performance Data on EPA Water Supply and Water Pollution Intercomparison Program Samples, 1994

Study	Constituent	Units	Reported Value	True Value	Performance Evaluation
WP032	Titanium	ug/L	95.5	97	Acceptable
WP032	Titanium	ug/L	246	250	Acceptable
WP032	Vanadium	ug/L	1700	1705	Acceptable
WP032	Vanadium	ug/L	7070	7202	Acceptable
WP032	Zinc	ug/L	170	171	Acceptable
WS034	Zinc	ug/L	434	419	Acceptable
WP032	Zinc	ug/L	1690	1710	Acceptable
WS033	Zinc	ug/L	2100	2090	Acceptable
Demands					
WP032	COD	mg/L	30.4	24.3	Acceptable
WP032	COD	mg/L	113	111	Acceptable
WP032	TOC	mg/L	9.5	9.6	Acceptable
WP032	TOC	mg/L	42.9	44	Acceptable
Minerals					
WP032	Alkalinity	mg/L	15	16.1	Acceptable
WS034	Alkalinity	mg/L	33.8	33	Acceptable
WS033	Alkalinity	mg/L	42	41	Acceptable
WP032	Alkalinity	mg/L	63.5	64	Acceptable
WS034	Barium	ug/L	863	859	Acceptable
WS033	Barium	ug/L	1740	1800	Acceptable
WP032	Calcium	mg/L	38.2	37	Acceptable
WP032	Calcium	mg/L	58	57	Acceptable
WS034	Calcium	mg/L	183	180	Acceptable
WS033	Calcium	mg/L	206	200	Acceptable
WP032	Chloride	mg/L	110	106	Acceptable
WP032	Chloride	mg/L	128	124	Acceptable
WP032	Conductivity	umho/cm	475	475	Acceptable
WP032	Conductivity	umho/cm	657	646	Acceptable
WP032	Fluoride	mg/L	1.02	0.98	Acceptable
WS034	Fluoride	mg/L	1.14	1.1	Acceptable
WP032	Fluoride	mg/L	1.52	1.5	Acceptable
WS033	Fluoride	mg/L	6.47	6.6	Acceptable
WP032	pH		6.13	6.2	Acceptable
WP032	pH		8.2	8.4	Acceptable
WS033	pH		8.96	9.1	Acceptable
WS034	pH		8.93	9.12	Acceptable

Table Q-4. DataChem Laboratory Performance Data on EPA Water Supply and Water Pollution Intercomparison Program Samples, 1994

<u>Study</u>	<u>Constituent</u>	<u>Units</u>	<u>Reported Value</u>	<u>True Value</u>	<u>Performance Evaluation</u>
WP032	Potassium	mg/L	3.62	3.6	Acceptable
WP032	Potassium	mg/L	26.4	27	Acceptable
WP032	Sodium	mg/L	10.2	9.98	Acceptable
WS034	Sodium	mg/L	15.4	15.2	Acceptable
WS033	Sodium	mg/L	19.4	18.8	Acceptable
WP032	Sodium	mg/L	50.9	50.9	Acceptable
WP032	Sulfate	mg/L	5.64	5.6	Acceptable
WP032	Sulfate	mg/L	76.2	75	Acceptable
WS033	Sulfate	mg/L	172	170	Acceptable
WS034	Sulfate	mg/L	406	400	Acceptable
WP032	TDS	mg/L	197	289	Acceptable
WP032	TDS	mg/L	372	376	Acceptable
WP032	Total Phenolics	mg/L	0.0775	0.086	Acceptable
WP032	Total Phenolics	mg/L	0.166	0.177	Acceptable
Nutrients					
WP032	Ammonia	mg/L	2.43	2.3	Acceptable
WP032	Ammonia	mg/L	12.7	12	Acceptable
WP032	Kjeldahl Nitrogen	mg/L	6.24	6.32	Acceptable
WP032	Kjeldahl Nitrogen	mg/L	30.2	29.1	Acceptable
WS034	Nitrate as N	mg/L	0.355	0.48	Not Acceptable
WP032	Nitrate as N	mg/L	2.77	2.81	Acceptable
WS033	Nitrate as N	mg/L	9.91	9.8	Acceptable
WP032	Nitrate as N	mg/L	38.7	39.2	Acceptable
WS034	Nitrite as N	mg/L	0.74	0.68	Acceptable
WS033	Nitrite as N	mg/L	1.45	1.4	Acceptable
WP032	Orthophosphate	mg/L	0.787	0.749	Acceptable
WP032	Orthophosphate	mg/L	1.28	1.2	Acceptable
WP032	Total Phosphorus	mg/L	1.18	1.3	Acceptable
WP032	Total Phosphorus	mg/L	2.3	2.6	Acceptable
Miscellaneous Parameters					
WS034	Corrosivity		0.781	0.943	Acceptable
WS033	Corrosivity		0.947	1.057	Acceptable
WP032	Non-Filterable Residue	mg/L	24.5	26	Acceptable
WP032	Non-Filterable Residue	mg/L	48	50	Acceptable
WS034	Residual Free Chlorine	mg/L	1.57	1.6	Acceptable
WS033	Residual Free Chlorine(a)	mg/L	3.92	4.2	Acceptable

Table Q-4. DataChem Laboratory Performance Data on EPA Water Supply and Water Pollution Intercomparison Program Samples, 1994

Study	Constituent	Units	Reported Value	True Value	Performance Evaluation
WP032	Total Cyanide	mg/L	0.0614	0.065	Acceptable
WS034	Total Cyanide	mg/L	0.12	0.14	Acceptable
WP032	Total Cyanide	mg/L	0.304	0.31	Acceptable
WS033	Total Cyanide	mg/L	0.292	0.34	Acceptable
WS034	Total Filterable Residue	mg/L	251	319	Acceptable
WS033	Total Filterable Residue	mg/L	333	384	Acceptable
WP032	Total Hardness	mg/L	151	149	Acceptable
WP032	Total Hardness	mg/L	178	175	Acceptable
WP032	Total Residual Chlorine	mg/L	0.195	0.32	Acceptable
WP032	Total Residual Chlorine	mg/L	0.425	0.53	Acceptable
WS033	Turbidity(a)	NTU	1.05	1.1	Acceptable
WS034	Turbidity	NTU	0.64	0.72	Acceptable
Volatile Organic Constituents					
WS033	1,1,1,2-Tetrachloroethane(a)	ug/L	8.69	8.63	Acceptable
WS034	1,1,1,2-Tetrachloroethane	ug/L	11.9	14.4	Acceptable
WS034	1,1,1-Trichloroethane	ug/L	4.14	5.73	Acceptable
WP032	1,1,1-Trichloroethane	ug/L	11.2	11.5	Acceptable
WS033	1,1,1-Trichloroethane	ug/L	12.4	14.6	Acceptable
WP032	1,1,1-Trichloroethane	ug/L	44.4	45.2	Acceptable
WS034	1,1,2-Trichloroethane	ug/L	8.87	8.5	Acceptable
WS033	1,1,2-Trichloroethane	ug/L	16	15.7	Acceptable
WS034	1,1- Dichloroethylene	ug/L	7.13	7.64	Acceptable
WS033	1,1- Dichloroethylene	ug/L	12.9	12.9	Acceptable
WS033	1,2 Dibromochloropropane	ug/L	0.208	0.233	Acceptable
WS034	1,2 Dibromochloropropane	ug/L	0.292	0.363	Acceptable
WS034	1,2 Dichlorobenzene	ug/L	5.82	6.98	Acceptable
WP032	1,2 Dichlorobenzene	ug/L	12.8	11.8	Acceptable
WS033	1,2 Dichlorobenzene	ug/L	14.9	15.5	Acceptable
WP032	1,2 Dichlorobenzene	ug/L	47.5	46	Acceptable
WS034	1,2 Dichloropropane	ug/L	11.1	12.3	Acceptable
WS033	1,2 Dichloropropane	ug/L	13.6	14.3	Acceptable
WS034	1,2,3-Trichloropropane	ug/L	19.5	20.5	Acceptable
WS033	1,2,4-Trichlorobenzene	ug/L	16.5	16.8	Acceptable
WS034	1,2,4-Trichlorobenzene	ug/L	22.1	22.9	Acceptable
WS034	1,2-cis-Dichloroethylene	ug/L	10.8	9.41	Acceptable
WS033	1,2-cis-Dichloroethylene	ug/L	16	16.5	Acceptable

Table Q-4. DataChem Laboratory Performance Data on EPA Water Supply and Water Pollution Intercomparison Program Samples, 1994

Study	Constituent	Units	Reported Value	True Value	Performance Evaluation
WP032	1,2-Dichloroethane	ug/L	11.9	11.7	Acceptable
WS034	1,2-Dichloroethane	ug/L	11.4	12.1	Acceptable
WS033	1,2-Dichloroethane	ug/L	17.5	16.9	Acceptable
WP032	1,2-Dichloroethane	ug/L	60.7	60.9	Acceptable
WS034	1,2-trans-Dichloroethylene	ug/L	5.65	6.77	Acceptable
WS033	1,2-trans-Dichloroethylene	ug/L	13.2	13.9	Acceptable
WP032	1,3 Dichlorobenzene	ug/L	9.3	8.86	Acceptable
WP032	1,3 Dichlorobenzene	ug/L	48.9	48.6	Acceptable
WS034	1,3-cis-Dichloropropene	ug/L	15.5	19.7	Not Acceptable
WS034	1,3-trans-Dichloropropene	ug/L	7.99	7.89	Acceptable
WS034	1,4-Dichlorobenzene	ug/L	4.58	5.78	Acceptable
WP032	1,4-Dichlorobenzene	ug/L	9.17	8.3	Acceptable
WS033	1,4-Dichlorobenzene	ug/L	13.5	15.1	Acceptable
WP032	1,4-Dichlorobenzene	ug/L	44.5	42.8	Acceptable
WS034	Benzene	ug/L	5.51	4.94	Acceptable
WS033	Benzene	ug/L	11.8	12	Acceptable
WP032	Benzene	ug/L	14.6	14.2	Acceptable
WP032	Benzene	ug/L	64.5	62.7	Acceptable
WP032	Bromodichloromethane	ug/L	14.2	13.9	Acceptable
WS033	Bromodichloromethane	ug/L	13.5	15.8	Acceptable
WS034	Bromodichloromethane	ug/L	31.6	31.1	Acceptable
WP032	Bromodichloromethane	ug/L	54.8	53.6	Acceptable
WP032	Bromoform	ug/L	13.3	12.8	Acceptable
WS034	Bromoform	ug/L	13.4	14.4	Acceptable
WS033	Bromoform	ug/L	33.3	34.4	Acceptable
WP032	Bromoform	ug/L	65.2	64.1	Acceptable
WS034	Carbon Tetrachloride	ug/L	4.87	6.27	Acceptable
WS033	Carbon Tetrachloride	ug/L	12.8	13.4	Acceptable
WP032	Carbon Tetrachloride	ug/L	15	14.7	Acceptable
WP032	Carbon Tetrachloride	ug/L	45.4	43.9	Acceptable
WS034	Chlorobenzene	ug/L	7.07	6.41	Acceptable
WP032	Chlorobenzene	ug/L	13.3	11.9	Acceptable
WS033	Chlorobenzene	ug/L	19	18.4	Acceptable
WP032	Chlorobenzene	ug/L	55.7	51.9	Acceptable
WS034	Chlorodibromomethane	ug/L	21.8	22.9	Acceptable
WS033	Chlorodibromomethane	ug/L	28.4	28.7	Acceptable

Table Q-4. DataChem Laboratory Performance Data on EPA Water Supply and Water Pollution Intercomparison Program Samples, 1994

Study	Constituent	Units	Reported Value	True Value	Performance Evaluation
WS033	Chloroethane	ug/L	16.4	16.8	Acceptable
WS033	Chloroform	ug/L	33.4	36.7	Acceptable
WS034	Chloroform	ug/L	44.3	42.9	Acceptable
WP032	Chloroform	ug/L	16.5	16.3	Acceptable
WP032	Chloroform	ug/L	57.7	55.9	Acceptable
WP032	Dibromochloromethane	ug/L	11.8	9.67	Ck. for Err.
WP032	Dibromochloromethane	ug/L	55	48.5	Acceptable
WS033	Dibromomethane	ug/L	12.6	15.2	Acceptable
WS033	Dichloromethane	ug/L	14.1	12.8	Acceptable
WS034	Dichloromethane	ug/L	17.8	18.4	Acceptable
WS034	Ethylbenzene	ug/L	8.15	7.41	Acceptable
WP032	Ethylbenzene	ug/L	9.42	8.74	Acceptable
WS033	Ethylbenzene	ug/L	18.2	17	Acceptable
WP032	Ethylbenzene	ug/L	55.5	54.8	Acceptable
WS034	Ethylene Dibromide EDB	ug/L	0.433	0.406	Acceptable
WS034	Hexachlorobutadiene	ug/L	14.6	17.2	Acceptable
WP032	Methylene Chloride	ug/L	13.9	15.2	Acceptable
WP032	Methylene Chloride	ug/L	41.7	43.8	Acceptable
WS033	Styrene	ug/L	10.3	13	Not Acceptable
WS034	Styrene	ug/L	14.6	14.7	Acceptable
WP032	Tetrachloroethene	ug/L	13.9	15.5	Acceptable
WP032	Tetrachloroethene	ug/L	40.6	44.2	Acceptable
WS033	Tetrachloroethylene	ug/L	12.4	12.9	Acceptable
WS034	Tetrachloroethylene	ug/L	13.8	16.5	Acceptable
WP032	Toluene	ug/L	12.6	12.1	Acceptable
WS033	Toluene	ug/L	11.6	12.3	Acceptable
WS034	Toluene	ug/L	17.3	15.6	Acceptable
WP032	Toluene	ug/L	40.1	39.9	Acceptable
WS033	Total Trihalomethane	ug/L	108.6	115.6	Acceptable
WS033	Total Xylenes	ug/L	11.1	11.6	Acceptable
WS034	Total Xylenes	ug/L	14.6	13.1	Acceptable
WP032	Trichloroethene	ug/L	12.7	11.8	Acceptable
WP032	Trichloroethene	ug/L	44.9	43	Acceptable
WS034	Trichloroethylene	ug/L	8.7	8.89	Acceptable
WS033	Trichloroethylene	ug/L	15.4	14.9	Acceptable
WS034	Vinyl Chloride	ug/L	15	14.1	Acceptable

Table Q-4. DataChem Laboratory Performance Data on EPA Water Supply and Water Pollution Intercomparison Program Samples, 1994

<u>Study</u>	<u>Constituent</u>	<u>Units</u>	<u>Reported Value</u>	<u>True Value</u>	<u>Performance Evaluation</u>
WS033	Vinyl Chloride	ug/L	7.75	7.35	Acceptable
	Oil and Grease				
WP032	Oil and Grease	mg/L	10.6	12.7	Acceptable
WP032	Oil and Grease	mg/L	14.6	18.2	Acceptable
	Herbicides				
WS033	2,4,5,TP Silvex	ug/L	4.93	5.6	Acceptable
WS034	2,4,5,TP Silvex	ug/L	6.42	9.28	Acceptable
WS033	2,4-D	ug/L	7.51	7.57	Acceptable
WS034	2,4-D	ug/L	18.6	32.8	Acceptable
WS033	Dalapon	ug/L	13.7	18.6	Acceptable
WS034	Dalapon	ug/L	16.5	24.3	Acceptable
WS034	Dicamba	ug/L	12.1	14.7	Acceptable
WS033	Dicamba	ug/L	14.6	16.9	Acceptable
WS034	Dinoseb	ug/L	4.5	9.33	Acceptable
WS033	Dinoseb(a)	ug/L	4.79	12.7	Acceptable
WS033	Pentachlorophenol	ug/L	3.07	2.72	Acceptable
WS034	Pentachlorophenol	ug/L	11.2	22.6	Not Acceptable
WS034	Picloram	ug/L	3.94	13.2	Acceptable
WS033	Picloram(a)	ug/L	12.4	17.4	Acceptable
	Pesticides				
WP032	Aldrin	ug/L	0.11	0.129	Acceptable
WP032	Aldrin	ug/L	0.562	0.626	Acceptable
WP032	Chlordane	ug/L	1.06	1.53	Acceptable
WS033	Chlordane	ug/L	2.46	2.76	Acceptable
WP032	Chlordane	ug/L	3.58	5.35	Acceptable
WS034	Chlordane	ug/L	6.46	7.26	Acceptable
WP032	DDD	ug/L	0.143	0.155	Acceptable
WP032	DDD	ug/L	0.837	0.752	Acceptable
WP032	DDE	ug/L	0.221	0.216	Acceptable
WP032	DDE	ug/L	0.634	0.626	Acceptable
WP032	DDT	ug/L	0.204	0.227	Acceptable
WP032	DDT	ug/L	1.1	1.14	Acceptable
WP032	Dieldrin	ug/L	0.154	0.151	Acceptable
WP032	Dieldrin	ug/L	0.587	0.582	Acceptable
WS034	Endrin	ug/L	0.175	0.143	Acceptable
WS033	Endrin	ug/L	4.15	2.63	Not Acceptable

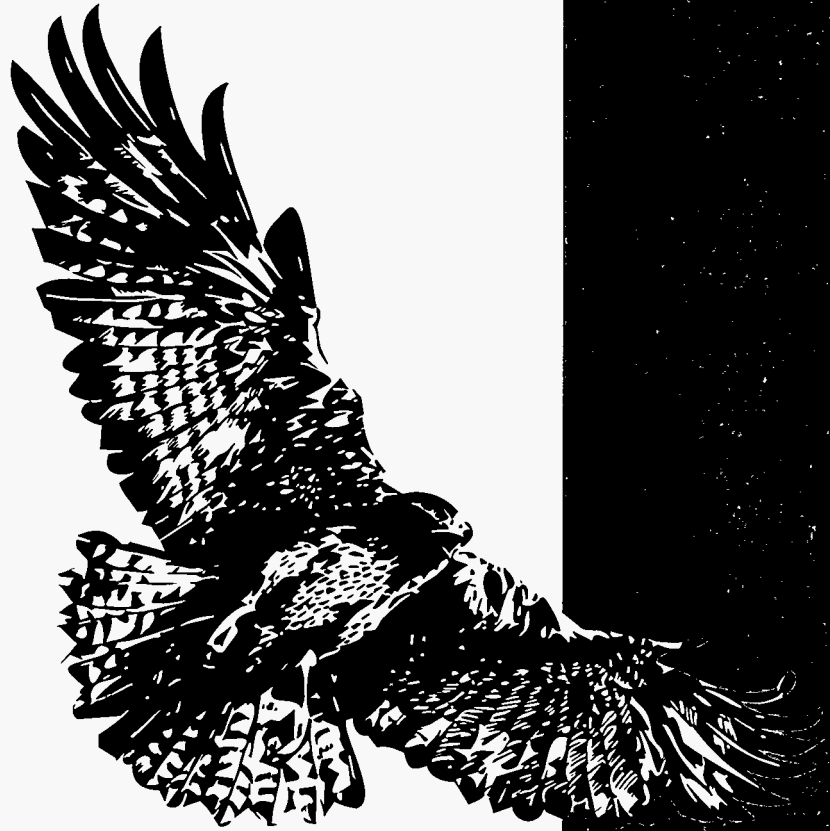
Table Q-4. DataChem Laboratory Performance Data on EPA Water Supply and Water Pollution Intercomparison Program Samples, 1994

Study	Constituent	Units	Reported Value	True Value	Performance Evaluation
WP032	Heptachlor	ug/L	0.198	0.216	Acceptable
WP032	Heptachlor	ug/L	0.664	0.733	Acceptable
WS034	Heptachlor	ug/L	0.381	0.914	Not Acceptable
WS033	Heptachlor	ug/L	1.5	1.73	Acceptable
WP032	Heptachlor Epoxide	ug/L	0.192	0.195	Acceptable
WP032	Heptachlor Epoxide	ug/L	0.539	0.543	Acceptable
WS034	Heptachlor Epoxide	ug/L	0.528	0.55	Acceptable
WS033	Heptachlor Epoxide	ug/L	0.633	0.679	Acceptable
WS033	Lindane	ug/L	0.111	0.136	Acceptable
WS034	Lindane	ug/L	0.282	0.264	Acceptable
WS034	Methoxychlor	ug/L	12.9	14.2	Acceptable
WS033	Methoxychlor	ug/L	48	42.3	Acceptable
WS034	Toxaphene	ug/L	4.65	5.37	Acceptable
WS033	Toxaphene	ug/L	7.46	9.23	Acceptable
WP032	PCB In Oil-1254	mg/Kg	12.5	18.5	Acceptable
WP032	PCB In Oil-1260	mg/Kg	15.5	23.6	Acceptable
WP032	PCB-Aroclor 1016/1242	ug/L	11.5	12.7	Acceptable
WP032	PCB-Aroclor 1248	ug/L	4.61	5.39	Acceptable

(a) Significant bias is anticipated for this result.

Table Q-5. DataChem Laboratory Performance Data on the Environmental Resource Associates Water Supply Intercomparison Program Samples, 1994

<u>Study</u>	<u>Constituent</u>	<u>Units</u>	<u>Reported Value</u>	<u>True Value</u>	<u>Performance Evaluation</u>
WS-12	pH		9.04	9.12	Acceptable
WS-14	pH		9.18	9.14	Acceptable
WS-13	pH		9.3	9.17	Acceptable
WS-14	Turbidity	NTU	0.71	0.65	Acceptable
WS-12	Turbidity	NTU	4.84	5.2	Acceptable
WS-13	Turbidity	NTU	7.05	7.2	Acceptable



Dose Calculation Information

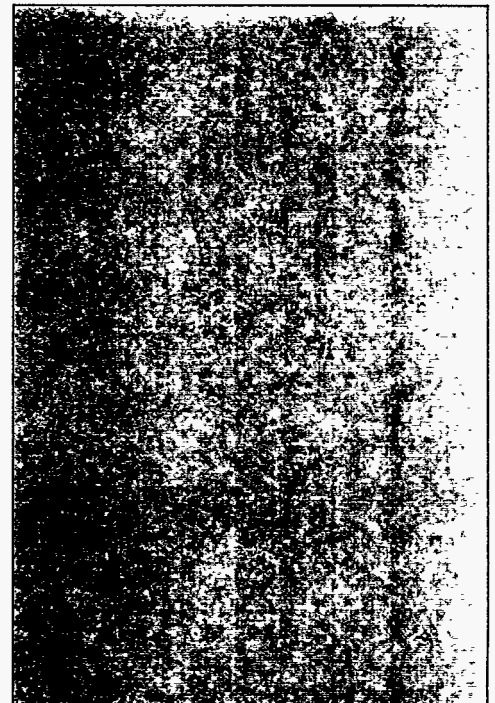


Table D-1. Distribution of Population in 80-km Radius of the 100-N Area by Grid Sector^(a)

Direction	Number of people						Totals
	0-8 km	8-16 km	16-32 km	32-48 km	48-64 km	64-80 km	
N	0	92	548	559	1497	8376	11072
NNE	0	35	563	691	20440	1784	23513
NE	0	7	829	1761	2111	451	5159
ENE	0	0	799	6161	1292	306	8558
E	0	0	573	1099	1409	677	3758
ESE	0	0	477	1596	892	571	3536
SE	0	0	47	2485	37108	10229	49869
SSE	0	0	0	22090	50126	5662	77878
S	0	0	269	4419	1613	166	6467
SSW	0	0	177	1602	14573	525	16877
SW	0	0	582	5382	18241	780	24985
WSW	0	0	672	1885	7608	18468	28633
W	0	76	622	1257	4249	91485	97689
WNW	0	123	536	637	876	4928	7100
NW	0	135	548	802	600	681	2766
NNW	0	130	548	683	979	5049	7389
Totals	0	598	7790	53109	163614	150138	375249

(a) Based on 1990 census data (Beck, et al. 1991, Hanford Area 1990 Population and 50-Year Projections (PNL-7803, Pacific Northwest Laboratory, Richland, Washington).

Table D-2. Distribution of Population in 80-km Radius of the 200 Areas by Grid Sector^(a)

Direction	Number of people						Totals
	0-8 km	8-16 km	16-32 km	32-48 km	48-64 km	64-80 km	
N	0	0	434	822	969	2418	4643
NNE	0	0	268	1030	5220	17567	24085
NE	0	0	393	6176	2658	1145	10372
ENE	0	0	423	1217	1652	664	3956
E	0	0	452	1373	1416	751	3992
ESE	0	0	289	1674	270	767	3000
SE	0	0	1141	35519	73156	4918	114734
SSE	0	0	2796	8309	2394	5891	19390
S	0	0	2842	1622	237	1144	5845
SSW	0	0	713	11983	503	738	13937
SW	0	0	1308	19589	1132	637	22666
WSW	0	0	1956	5406	16336	7525	31223
W	0	0	771	1295	6269	94203	102538
WNW	0	0	641	1087	1189	2375	5292
NW	0	0	548	738	784	809	2879
NNW	0	0	544	909	876	4979	7308
Totals	0	0	15519	98749	115061	146531	375860

(a) Based on 1990 census data (Beck, et al. 1991, Hanford Area 1990 Population and 50-Year Projections (PNL-7803, Pacific Northwest Laboratory, Richland, Washington).

Table D-3. Distribution of Population in 80-km Radius of the 300 Area by Grid Sector^(a)

Direction	Number of people										Totals
	0-1.6 km	1.6-3.2 km	3.2-4.8 km	4.8-6.4 km	6.4-8 km	8-16 km	16-32 km	32-48 km	48-64 km	64-80 km	
N	0	0	0	2	6	85	602	4203	2894	9998	17790
NNE	0	3	16	25	33	277	678	2242	2411	1218	6903
NE	1	11	18	25	33	277	827	1094	590	306	3182
ENE	2	11	18	25	33	277	754	741	480	535	2876
E	3	11	18	25	33	276	170	255	761	1001	2553
ESE	2	11	18	25	33	264	117	454	878	10548	12350
SE	2	11	18	25	33	277	15318	3337	1322	3257	23600
SSE	0	7	18	25	121	616	57047	4098	3779	4785	70496
S	0	0	3	198	2231	17726	12449	123	13473	10913	57116
SSW	0	0	0	0	297	3518	3788	288	651	1859	10401
SW	0	0	0	0	59	2364	2916	1619	311	763	8032
WSW	0	0	0	0	0	967	3238	5812	13516	713	24246
W	0	0	0	0	0	0	730	1669	16968	12843	32210
WNW	0	0	0	0	0	0	0	417	1703	2120	4240
NW	0	0	0	0	0	0	0	181	1279	1428	2888
NNW	0	0	0	0	0	0	0	273	1277	1153	2703
Totals	10	65	127	375	2912	26924	98634	26806	62293	63440	281586

(a) Based on 1990 census data (Beck, et al. 1991, Hanford Area 1990 Population and 50-Year Projections (PNL-7803, Pacific Northwest Laboratory, Richland, Washington).

Table D-4. Distribution of Population in 80-km Radius of the 400 Area by Grid Sector^(a)

Direction	Number of people						Totals
	0-8 km	8-16 km	16-32 km	32-48 km	48-64 km	64-80 km	
N	0	0	189	1234	1413	15906	18742
NNE	0	56	655	6078	2503	1803	11095
NE	0	177	680	1192	1083	321	3453
ENE	0	266	995	1148	841	399	3649
E	3	277	727	227	560	1006	2800
ESE	0	268	511	260	789	1210	3038
SE	0	1082	27517	18278	1627	2690	51194
SSE	0	6360	48564	11354	3280	9199	78757
S	0	2350	5382	1037	6254	11030	26053
SSW	0	1836	2822	504	263	1557	6982
SW	0	118	2632	6356	427	830	10363
WSW	0	0	1659	8677	17820	723	28879
W	0	0	175	3473	6265	16502	26415
WNW	0	0	0	930	1732	3125	5787
NW	0	0	0	636	1205	1235	3076
NNW	0	0	0	562	1214	1169	2945
Totals	3	12790	92508	61946	47276	68705	283228

(a) Based on 1990 census data (Beck, et al. 1991, Hanford Area 1990 Population and 50-Year Projections (PNL-7803, Pacific Northwest Laboratory, Richland, Washington).

Table D-5. Annual Average Dispersion Factor (\bar{X}/Q') Around the 100 Area during 1994 for a 10-Meter Release Height^(a)

Dir	\bar{X}/Q'									
	0.8 km	2.4 km	4.0 km	5.6 km	7.2 km	12 km	24 km	40 km	56 km	72 km
N	2.35E-06	4.68E-07	2.20E-07	1.35E-07	9.45E-08	4.60E-08	1.77E-08	8.90E-09	5.69E-09	4.08E-09
NNE	1.96E-06	3.69E-07	1.72E-07	1.05E-07	7.29E-08	3.52E-08	1.34E-08	6.68E-09	4.25E-09	3.04E-09
NE	3.34E-06	6.58E-07	3.09E-07	1.90E-07	1.32E-07	6.45E-08	2.48E-08	1.25E-08	7.96E-09	5.71E-09
ENE	5.14E-06	1.04E-06	4.90E-07	3.01E-07	2.11E-07	1.03E-07	3.98E-08	2.00E-08	1.28E-08	9.19E-09
E	7.04E-06	1.42E-06	6.71E-07	4.13E-07	2.89E-07	1.41E-07	5.48E-08	2.76E-08	1.77E-08	1.27E-08
ESE	6.14E-06	1.25E-06	5.91E-07	3.64E-07	2.55E-07	1.25E-07	4.83E-08	2.43E-08	1.56E-08	1.12E-08
SE	4.31E-06	8.57E-07	4.03E-07	2.48E-07	1.73E-07	8.47E-08	3.28E-08	1.65E-08	1.06E-08	7.62E-09
SSE	2.98E-06	6.05E-07	2.85E-07	1.75E-07	1.23E-07	6.00E-08	2.33E-08	1.18E-08	7.58E-09	5.46E-09
S	2.78E-06	5.51E-07	2.59E-07	1.59E-07	1.11E-07	5.40E-08	2.09E-08	1.05E-08	6.75E-09	4.85E-09
SSW	2.78E-06	5.42E-07	2.54E-07	1.56E-07	1.09E-07	5.29E-08	2.05E-08	1.04E-08	6.67E-09	4.80E-09
SW	3.41E-06	6.99E-07	3.31E-07	2.04E-07	1.43E-07	7.00E-08	2.72E-08	1.38E-08	8.85E-09	6.37E-09
WSW	4.24E-06	9.02E-07	4.32E-07	2.68E-07	1.88E-07	9.27E-08	3.63E-08	1.84E-08	1.18E-08	8.50E-09
W	5.50E-06	1.14E-06	5.41E-07	3.34E-07	2.34E-07	1.15E-07	4.49E-08	2.27E-08	1.45E-08	1.05E-08
WNW	5.24E-06	1.04E-06	4.91E-07	3.02E-07	2.11E-07	1.03E-07	3.98E-08	2.00E-08	1.28E-08	9.18E-09
NW	3.80E-06	7.34E-07	3.43E-07	2.10E-07	1.46E-07	7.08E-08	2.71E-08	1.35E-08	8.60E-09	6.16E-09
NNW	2.88E-06	5.55E-07	2.60E-07	1.59E-07	1.11E-07	5.35E-08	2.05E-08	1.02E-08	6.50E-09	4.65E-09

(a) Calculated from meteorological data collected at the 100-N Area Hanford Meteorology Tower.

Table D-6. Annual Average Dispersion Factor (\bar{X}/Q') Around the 200 Area during 1994 for an 89-Meter Release Height^(a)

Dir	\bar{X}/Q'									
	0.8 km	2.4 km	4.0 km	5.6 km	7.2 km	12 km	24 km	40 km	56 km	72 km
N	3.07E-08	2.86E-08	2.31E-08	1.83E-08	1.50E-08	9.50E-09	4.82E-09	2.87E-09	2.02E-09	1.55E-09
NNE	2.49E-08	2.54E-08	1.99E-08	1.56E-08	1.27E-08	7.92E-09	4.00E-09	2.38E-09	1.68E-09	1.29E-09
NE	2.96E-08	3.62E-08	2.93E-08	2.34E-08	1.92E-08	1.22E-08	6.22E-09	3.69E-09	2.60E-09	1.99E-09
ENE	4.60E-08	4.46E-08	3.66E-08	2.95E-08	2.44E-08	1.56E-08	7.90E-09	4.62E-09	3.21E-09	2.44E-09
E	5.01E-08	5.33E-08	4.47E-08	3.64E-08	3.02E-08	1.96E-08	1.01E-08	6.06E-09	4.28E-09	3.28E-09
ESE	4.23E-08	5.62E-08	5.00E-08	4.17E-08	3.51E-08	2.30E-08	1.18E-08	6.91E-09	4.80E-09	3.63E-09
SE	7.90E-08	9.86E-08	8.60E-08	7.06E-08	5.87E-08	3.77E-08	1.89E-08	1.10E-08	7.59E-09	5.73E-09
SSE	9.16E-08	9.45E-08	7.33E-08	5.65E-08	4.52E-08	2.72E-08	1.29E-08	7.26E-09	4.95E-09	3.70E-09
S	7.80E-08	7.36E-08	5.40E-08	4.02E-08	3.14E-08	1.81E-08	8.11E-09	4.42E-09	2.95E-09	2.18E-09
SSW	6.48E-08	4.60E-08	3.19E-08	2.32E-08	1.79E-08	1.01E-08	4.48E-09	2.42E-09	1.60E-09	1.18E-09
SW	5.87E-08	5.08E-08	3.67E-08	2.71E-08	2.11E-08	1.21E-08	5.42E-09	2.97E-09	2.00E-09	1.49E-09
WSW	3.15E-08	3.83E-08	2.85E-08	2.12E-08	1.64E-08	9.30E-09	4.08E-09	2.18E-09	1.44E-09	1.05E-09
W	4.34E-08	5.18E-08	3.91E-08	2.95E-08	2.32E-08	1.35E-08	6.12E-09	3.35E-09	2.24E-09	1.65E-09
WNW	4.36E-08	4.39E-08	3.33E-08	2.52E-08	1.99E-08	1.16E-08	5.34E-09	2.96E-09	2.00E-09	1.49E-09
NW	5.26E-08	5.25E-08	3.98E-08	3.03E-08	2.40E-08	1.43E-08	6.72E-09	3.79E-09	2.59E-09	1.94E-09
NNW	3.61E-08	3.41E-08	2.74E-08	2.20E-08	1.82E-08	1.17E-08	6.02E-09	3.57E-09	2.50E-09	1.91E-09

(a) Calculated from meteorological data collected at the Hanford Meteorology Tower.

Table D-7. Annual Average Dispersion Factor (\bar{X}/Q') Around the 300 Area during 1994 for a 10-Meter Release Height^(a)

Dir	\bar{X}/Q'									
	0.8 km	2.4 km	4.0 km	5.6 km	7.2 km	12 km	24 km	40 km	56 km	72 km
N	4.17E-06	8.36E-07	3.95E-07	2.43E-07	1.70E-07	8.33E-08	3.23E-08	1.62E-08	1.04E-08	7.47E-09
NNE	3.76E-06	7.28E-07	3.40E-07	2.08E-07	1.45E-07	7.05E-08	2.71E-08	1.35E-08	8.65E-09	6.20E-09
NE	3.42E-06	6.56E-07	3.06E-07	1.87E-07	1.30E-07	6.30E-08	2.41E-08	1.20E-08	7.68E-09	5.49E-09
ENE	2.52E-06	4.96E-07	2.33E-07	1.43E-07	1.00E-07	4.87E-08	1.88E-08	9.40E-09	6.01E-09	4.30E-09
E	2.08E-06	4.25E-07	2.02E-07	1.25E-07	8.73E-08	4.28E-08	1.66E-08	8.35E-09	5.35E-09	3.84E-09
ESE	2.17E-06	4.37E-07	2.07E-07	1.28E-07	8.93E-08	4.37E-08	1.69E-08	8.51E-09	5.44E-09	3.90E-09
SE	2.92E-06	5.91E-07	2.80E-07	1.73E-07	1.21E-07	5.90E-08	2.28E-08	1.14E-08	7.29E-09	5.23E-09
SSE	3.67E-06	7.46E-07	3.53E-07	2.17E-07	1.52E-07	7.44E-08	2.87E-08	1.44E-08	9.23E-09	6.62E-09
S	3.43E-06	7.11E-07	3.38E-07	2.08E-07	1.46E-07	7.15E-08	2.77E-08	1.40E-08	8.94E-09	6.42E-09
SSW	1.47E-06	2.80E-07	1.31E-07	7.97E-08	5.54E-08	2.69E-08	1.03E-08	5.16E-09	3.30E-09	2.36E-09
SW	9.88E-07	1.87E-07	8.67E-08	5.27E-08	3.66E-08	1.76E-08	6.77E-09	3.40E-09	2.18E-09	1.57E-09
WSW	9.93E-07	1.84E-07	8.44E-08	5.10E-08	3.52E-08	1.68E-08	6.34E-09	3.16E-09	2.01E-09	1.44E-09
W	1.50E-06	2.75E-07	1.26E-07	7.65E-08	5.30E-08	2.55E-08	9.72E-09	4.86E-09	3.10E-09	2.22E-09
WNW	3.24E-06	6.62E-07	3.14E-07	1.94E-07	1.36E-07	6.65E-08	2.59E-08	1.31E-08	8.39E-09	6.04E-09
NW	5.97E-06	1.23E-06	5.86E-07	3.62E-07	2.54E-07	1.25E-07	4.87E-08	2.46E-08	1.58E-08	1.14E-08
NNW	4.34E-06	9.01E-07	4.29E-07	2.65E-07	1.86E-07	9.16E-08	3.57E-08	1.80E-08	1.16E-08	8.33E-09

(a) Calculated from meteorological data collected at the 300 Area and the Hanford Meteorology Tower.

Table D-8. Annual Average Dispersion Factor (\bar{X}/Q') Around the 300 Area during 1994 for a 61-Meter Release Height^(a)

Dir	\bar{X}/Q'									
	0.8 km	2.4 km	4.0 km	5.6 km	7.2 km	12 km	24 km	40 km	56 km	72 km
N	1.20E-07	1.33E-07	9.69E-08	7.30E-08	5.77E-08	3.44E-08	1.61E-08	8.99E-09	6.07E-09	4.51E-09
NNE	1.62E-07	1.45E-07	9.89E-08	7.20E-08	5.57E-08	3.19E-08	1.44E-08	7.85E-09	5.24E-09	3.86E-09
NE	1.59E-07	1.31E-07	8.68E-08	6.24E-08	4.80E-08	2.72E-08	1.21E-08	6.57E-09	4.37E-09	3.22E-09
ENE	8.67E-08	8.61E-08	6.02E-08	4.45E-08	3.48E-08	2.03E-08	9.35E-09	5.15E-09	3.46E-09	2.56E-09
E	4.09E-08	6.20E-08	4.59E-08	3.47E-08	2.74E-08	1.63E-08	7.56E-09	4.18E-09	2.81E-09	2.08E-09
ESE	3.25E-08	6.35E-08	4.82E-08	3.67E-08	2.90E-08	1.72E-08	7.99E-09	4.41E-09	2.96E-09	2.19E-09
SE	6.29E-08	8.85E-08	6.33E-08	4.73E-08	3.72E-08	2.19E-08	1.02E-08	5.63E-09	3.79E-09	2.81E-09
SSE	9.98E-08	1.16E-07	8.23E-08	6.11E-08	4.79E-08	2.81E-08	1.30E-08	7.19E-09	4.84E-09	3.59E-09
S	1.10E-07	1.06E-07	7.40E-08	5.50E-08	4.32E-08	2.58E-08	1.22E-08	6.85E-09	4.65E-09	3.47E-09
SSW	9.09E-08	6.03E-08	3.87E-08	2.75E-08	2.10E-08	1.19E-08	5.33E-09	2.91E-09	1.94E-09	1.44E-09
SW	8.59E-08	4.72E-08	2.88E-08	2.01E-08	1.52E-08	8.41E-09	3.72E-09	2.02E-09	1.35E-09	9.98E-10
WSW	9.36E-08	4.98E-08	2.86E-08	1.91E-08	1.41E-08	7.53E-09	3.25E-09	1.75E-09	1.17E-09	8.61E-10
W	1.29E-07	7.15E-08	4.36E-08	3.02E-08	2.27E-08	1.25E-08	5.40E-09	2.89E-09	1.91E-09	1.40E-09
WNW	1.25E-07	1.11E-07	7.85E-08	5.89E-08	4.67E-08	2.80E-08	1.33E-08	7.46E-09	5.06E-09	3.77E-09
NW	1.80E-07	1.77E-07	1.31E-07	1.00E-07	8.05E-08	4.93E-08	2.39E-08	1.36E-08	9.26E-09	6.93E-09
NNW	1.04E-07	1.24E-07	9.45E-08	7.31E-08	5.88E-08	3.61E-08	1.75E-08	9.92E-09	6.76E-09	5.05E-09

(a) Calculated from meteorological data collected at the 300 Area and the Hanford Meteorology Tower.

Table D-9. Annual Average Dispersion Factor (\bar{X}/Q') Around the 400 Area during 1994 for a 10-Meter Release Height^(a)

Dir	\bar{X}/Q'									
	0.8 km	2.4 km	4.0 km	5.6 km	7.2 km	12 km	24 km	40 km	56 km	72 km
N	4.47E-06	9.02E-07	4.27E-07	2.63E-07	1.84E-07	9.01E-08	3.50E-08	1.77E-08	1.13E-08	8.15E-09
NNE	4.56E-06	8.92E-07	4.19E-07	2.57E-07	1.79E-07	8.74E-08	3.37E-08	1.69E-08	1.08E-08	7.78E-09
NE	2.91E-06	5.70E-07	2.68E-07	1.64E-07	1.15E-07	5.57E-08	2.14E-08	1.07E-08	6.85E-09	4.91E-09
ENE	1.95E-06	3.87E-07	1.82E-07	1.12E-07	7.79E-08	3.79E-08	1.46E-08	7.31E-09	4.67E-09	3.35E-09
E	2.06E-06	4.00E-07	1.88E-07	1.16E-07	8.07E-08	3.93E-08	1.52E-08	7.62E-09	4.87E-09	3.49E-09
ESE	2.36E-06	4.73E-07	2.23E-07	1.37E-07	9.60E-08	4.69E-08	1.81E-08	9.10E-09	5.82E-09	4.17E-09
SE	4.39E-06	8.75E-07	4.13E-07	2.54E-07	1.77E-07	8.64E-08	3.33E-08	1.67E-08	1.07E-08	7.65E-09
SSE	3.61E-06	7.09E-07	3.33E-07	2.04E-07	1.42E-07	6.93E-08	2.66E-08	1.33E-08	8.52E-09	6.10E-09
S	2.60E-06	5.30E-07	2.51E-07	1.54E-07	1.08E-07	5.28E-08	2.05E-08	1.03E-08	6.64E-09	4.78E-09
SSW	2.30E-06	4.66E-07	2.20E-07	1.35E-07	9.45E-08	4.62E-08	1.79E-08	9.06E-09	5.82E-09	4.19E-09
SW	1.54E-06	3.04E-07	1.43E-07	8.75E-08	6.11E-08	2.98E-08	1.15E-08	5.81E-09	3.73E-09	2.68E-09
WSW	1.16E-06	2.21E-07	1.03E-07	6.25E-08	4.35E-08	2.10E-08	8.08E-09	4.06E-09	2.60E-09	1.87E-09
W	1.52E-06	2.82E-07	1.30E-07	7.92E-08	5.49E-08	2.64E-08	1.01E-08	5.04E-09	3.22E-09	2.31E-09
WNW	1.45E-06	2.84E-07	1.33E-07	8.12E-08	5.66E-08	2.74E-08	1.05E-08	5.29E-09	3.39E-09	2.43E-09
NW	2.47E-06	4.94E-07	2.32E-07	1.43E-07	9.95E-08	4.84E-08	1.86E-08	9.34E-09	5.97E-09	4.28E-09
NNW	3.93E-06	7.94E-07	3.76E-07	2.31E-07	1.62E-07	7.90E-08	3.06E-08	1.54E-08	9.84E-09	7.06E-09

(a) Calculated from meteorological data collected at the 400 Area and the Hanford Meteorology Tower.

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