

***Annual Groundwater
Monitoring Status Report for
Waste Area Group 5 for
Fiscal Year 2005***

June 2005

**Idaho
Cleanup
Project**

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Annual Groundwater Monitoring Status Report for Waste Area Group 5 for Fiscal Year 2005

June 2005

**Idaho Cleanup Project
Idaho Falls, Idaho 83415**

**Prepared for the
U.S. Department of Energy
Assistant Secretary for Environmental Management
Under DOE-NE Idaho Operations Office
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ABSTRACT

This report presents analytical and water level data for Fiscal Year 2005, the fifth year of post-record of decision monitoring. The groundwater monitoring was completed to partially fulfill requirements delineated in the final *Record of Decision for Power Burst Facility and Auxiliary Reactor Area* in support of groundwater monitoring requirements at Waste Area Group 5 at Idaho National Laboratory. Sample collection and analysis requirements are defined in the *Groundwater Monitoring Plan for the Waste Area Group 5 Remedial Action* and in the Record of Decision. The Record of Decision (signed February 2000) requires that surveillance monitoring of the groundwater underlying the Auxiliary Reactor Area and Power Burst Facility be conducted annually at least until the first five-year review, which is due in Fiscal Year 2005. At that time, the analytical data will be reviewed and a joint decision made with the governing Agencies regarding changes or revisions required for the monitoring effort.

Groundwater samples were collected from nine wells during the annual sampling effort in October 2004 for Fiscal Year 2005. Samples were analyzed for volatile organic compounds, inorganics (metals and anions), and radionuclides. No analyte exceeded a maximum contaminant level, a secondary maximum contaminant level, or an Environmental Protection Agency action level. Lead concentrations in past sampling events exceeded the Environmental Protection Agency action level, but lead concentrations found during the current sampling event have decreased to background levels after replacement of the galvanized riser pipes. In addition to analytical data, groundwater levels were measured at 20 wells and a water level contour map was generated. The water level map is consistent with previous maps.

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ACRONYMS

ARA	Auxiliary Reactor Area
bgs	below ground surface
CFA	Central Facilities Area
CITRC	Critical Infrastructure Test Range Complex
DEQ	Department of Environmental Quality (Idaho)
EPA	U.S. Environmental Protection Agency
FY	fiscal year
INL	Idaho National Laboratory
INTEC	Idaho Nuclear Technology and Engineering Center
MCL	maximum contaminant level
MSL	mean sea level
ND	nondetect
OU	operable unit
PBF	Power Burst Facility
RPD	relative percent difference
SAM	Sample and Analysis Management
SMCL	secondary maximum contaminant level
SPERT	Special Power Excursion Reactor Test
VOC	volatile organic compound
WAG	waste area group

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1. INTRODUCTION

Groundwater samples were collected in Fiscal Year (FY) 2005 from the Snake River Plain Aquifer beneath Waste Area Group (WAG) 5 at Idaho National Laboratory (INL). These samples were analyzed in accordance with requirements stated in the *Groundwater Monitoring Plan for the Waste Area Group 5 Remedial Action* (DOE-ID 2004). The WAG 5 includes the Critical Infrastructure Test Range Complex (CITRC) (formerly the Power Burst Facility [PBF]) and the Auxiliary Reactor Area (ARA) in the southern part of INL (Figure 1). Groundwater monitoring is being conducted in partial satisfaction of requirements set forth in the final *Record of Decision for the Power Burst Facility and Auxiliary Reactor Area* (DOE-ID 2000), which was signed in February 2000. As specified in the Record of Decision, groundwater monitoring is conducted annually, at least until the first five-year review (due in FY 2005) to reduce the uncertainties associated with previous sampling efforts and to confirm that surface contaminants have not adversely affected the Snake River Plain Aquifer. At that time, the analytical data will be reviewed and a joint decision made with the U.S. Environmental Protection Agency (EPA) and Idaho Department of Environmental Quality (DEQ) (hereinafter referred to as the Agencies) regarding changes or revisions required for the monitoring effort. This FY 2005 report is the fifth annual report since the Record of Decision was issued.

1.1 Purpose

The purpose of this report is to present and summarize data regarding contaminant concentrations in the groundwater collected during FY 2005. The data presented here supplement the groundwater monitoring data presented in the *Waste Area Group 5 Operable Unit 5-12 Comprehensive Remedial Investigation/Feasibility Study* (DOE-ID 1999) and are a compilation of the data for the potential contaminants in the WAG 5 groundwater.

1.2 Groundwater Monitoring Requirements

As outlined in the Groundwater Monitoring Plan (DOE-ID 2004), samples are to be collected from nine aquifer wells in the WAG 5 area (Figure 2). Samples were analyzed for radionuclides, organic constituents, and inorganic constituents identified in Section 2 of this report. Each of the wells will be sampled annually until the first Operable Unit 5-12 five-year review, which is due to be completed in FY 2005.

In addition, water level measurements were collected from 20 wells within and near WAG 5. Table 1 summarizes the construction details from each of the WAG 5 wells used to monitor groundwater and measure water levels.

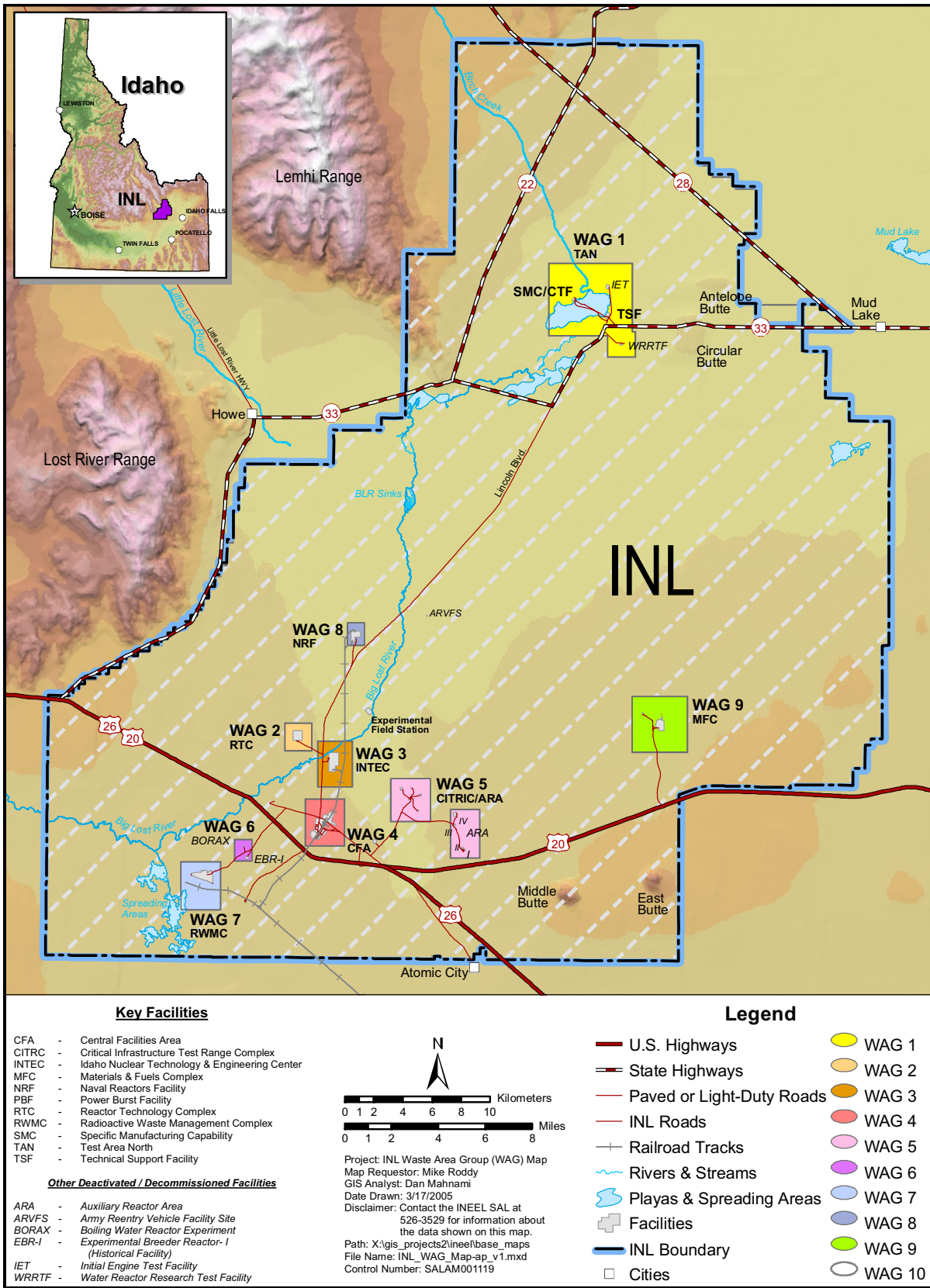


Figure 1. Idaho National Laboratory site map showing Waste Area Group locations.

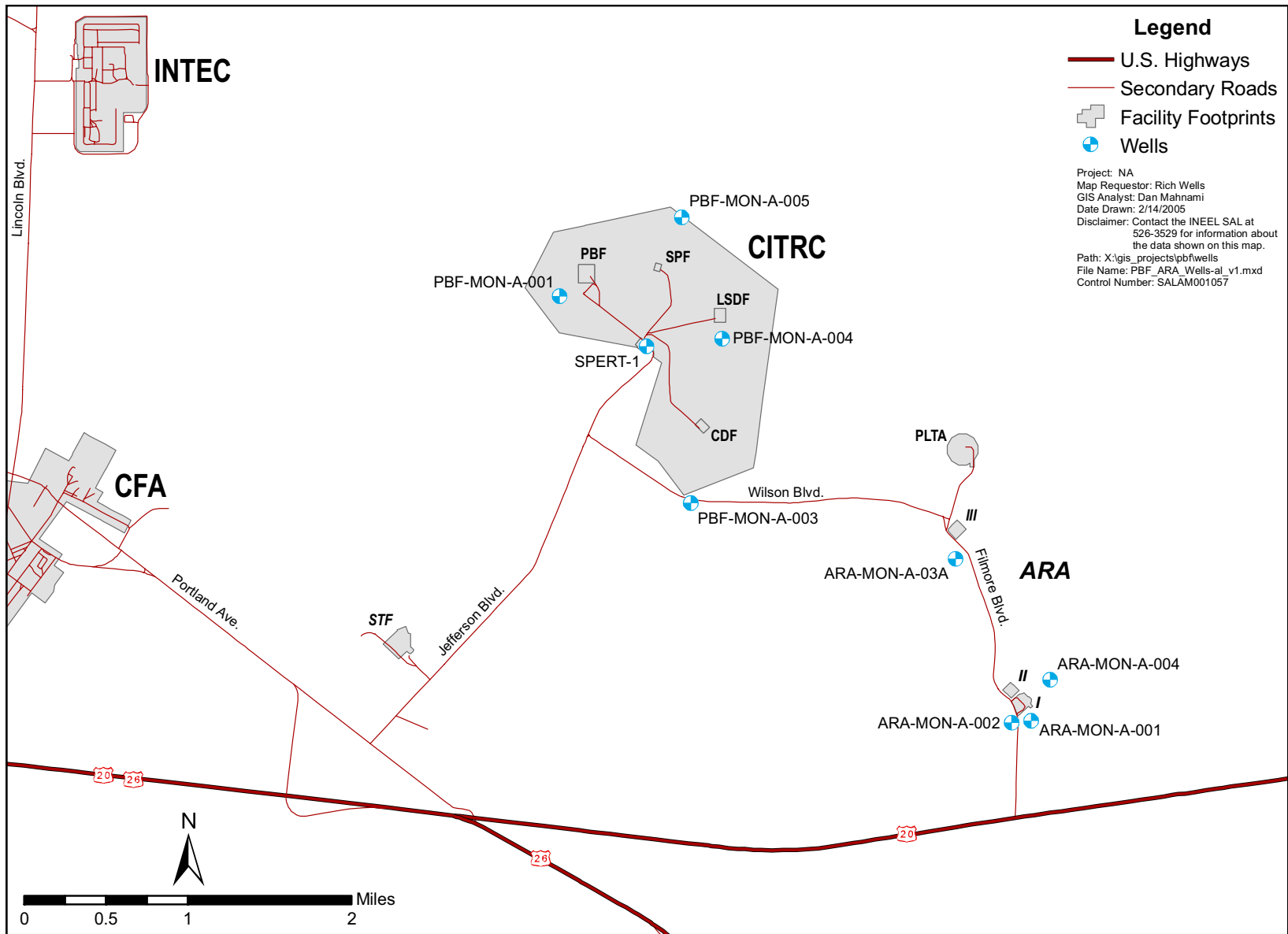


Figure 2. Location of wells sampled for Waste Area Group 5.

Table 1. Summary of well information for Waste Area Group 5 groundwater monitoring wells.

Well Name	Screened Interval(s) Below Land Surface (ft)	Well Use
ARA-MON-A-001	620–640	Sample
ARA-MON-A-002	600–620	Sample
ARA-MON-A-03A	624–644	Sample
ARA-MON-A-004	625–645	Sample
PBF-MON-A-001	454–484	Sample
PBF-MON-A-003	545–575	Sample
PBF-MON-A-004	522–542	Sample
PBF-MON-A-005	516–536	Sample
SPERT-I	482–492 522–542 552–582 597–617 632–652	Sample
STF-MON-A-01A	538–558	Water level
STF-MON-A-02A	510–530	Water level
STF-MON-A-003	493–533	Water level
STF-MON-A-004	500–540	Water level
USGS-001	600–630	Water level
USGS-005	475–497	Water level
USGS-020	467–477 515–552	Water level
USGS-082	470–570 593–693	Water level
USGS-107	270–690	Water level
USGS-110	580–780	Water level
USGS-116	401–438 438–572	Water level
NPR-TEST	504–532	Water level
NTP-AREA 2	667–722 742–814 844–876	Water level

2. MONITORING RESULTS

In October 2004, nine wells were sampled for volatile organics, inorganics (metals and anions), and radionuclides. The samples were analyzed in accordance with established INL and EPA methods, with the exception of radionuclide analyses, which were performed in accordance with the *Idaho National Engineering and Environmental Laboratory Sample and Analysis Management Statement of Work for Analytical Services* (INEEL 2004a). That statement of work establishes the minimum required detection limits and quality assurance requirements for the analytical methods to be used. All analytical results were validated to resident procedures established by the INL Sample and Analysis Management (SAM) Office.

2.1 Groundwater Monitoring Results

A complete list of the data collected is presented in Appendix A. The data quality objectives defined in the Groundwater Monitoring Plan (DOE-ID 2004) are discussed in Appendix B. The results from the FY 2005 sampling round are compared to maximum contaminant levels (MCLs), secondary maximum contaminant levels (SMCLs), or action levels in Table 2. No analyte was detected at a concentration above its MCL, SMCL, or EPA action level. In addition, Table 2 shows a comparison of results to background concentrations for the INL.

Table 2. Waste Area Group 5 groundwater quality summary for Fiscal Year 2005.

Analyte	Background ^a	Maximum	Minimum	Number of Wells with Detections above Background	Number of Wells with Detections above MCL	MCL or SMCL
Radionuclides						
Gross beta (pCi/L)	0 to 7	5.85	2.86	0	0	4 mrem/yr
Gross alpha (pCi/L)	0 to 3	4.54	ND	1	0	15
Ruthenium-106(pCi/L)	—	38.1	ND	1 ^b	0	
Antimony-125 (pCi/L)	—	16.8	ND	1	0	
Inorganics						
Arsenic (µg/L)	2 to 3	7.9	ND	1	0	50 ^c
Barium (µg/L)	50 to 70	54.6	34.2	0	0	2,000
Chromium (µg/L)	2 to 3	11.6	3.3	9	0	100
Cadmium	<1	0.74	.4	0	0	5
Lead (µg/L)	1 to 5	ND	ND (<1.72)	0	0	15 ^d
Fluoride (mg/L)	0.2 to 0.5	0.528	0.23	3	0	4 ^e
Chloride (mg/L)	16 to 27	26.6	13.9	1	0	250 ^f
Nitrate (mg/L)	1 to 2	1.35	0.254	0	0	10
Selenium	<1	9.4	ND (<5)	1	0	50
Sulfate (mg/L)	24 to 31	23.8	18	0	0	250 ^g
Organics						
Toluene (µg/L)	— ^f	76.1	ND	3	0	1,000
2-Hexanone (µg/L)	— ^f	1.6	ND	1	0	—

a. Background concentrations are from Knobel, Orr, and Cecil (1992).

b. Ru-106 and Sb-125 are considered to be absent from background.

c. As of 1/23/06, the MCL for arsenic will be 10 µg/L.

d. Concentration represents the EPA-defined action level for this contaminant.

e. For fluoride, a 2-mg/L secondary standard exists in addition to the MCL.

f. Concentration represents the EPA-defined secondary standard for this contaminant.

g. Volatile organic compounds are considered to be absent from background.

“—” = no data

MCL = maximum contaminant level

ND = not detected

SMCL = secondary maximum contaminant level.

2.1.1 Volatile Organic Compound Results

The volatile organic compound (VOC) analyses were performed in accordance with EPA's SW-846, Method 8260B (EPA 1986). Sample results for VOCs were below the MCLs for all analytes. Toluene was detected in three wells at concentrations less than 1 µg/L up to 76.1 µg/L, with the highest concentration occurring at ARA-MON-A-004. Other BTEX (benzene, toluene, ethyl benzene, and xylene) components or hydrocarbon TICs (tentatively identified compounds) were not associated with toluene at the three locations where toluene was detected. The source of the toluene detections is uncertain, but the lack of other hydrocarbons at the locations of the toluene detections is not consistent with fuel migration. The occurrence of toluene may be a laboratory artifact. All toluene detections are considerably less than the MCL of 1,000 µg/L. Trichloroethene was detected in one well at 0.44 µg/L, which is well below the MCL of 5 µg/L. In the FY 2003 sampling event, tetrachloroethene was above its MCL of 5 µg/L in groundwater samples from wells ARA-MON-A-004 and PBF-MON-A-004. Tetrachloroethene was below the reporting limit of 1 µg/L in both of the above wells in the FY 2004 and FY 2005 sampling events. Although VOC detections have occurred in WAG 5 groundwater samples, consistent VOC detections have not occurred.

2.1.2 Inorganic Results

Inorganic analyses included metals and anions. Metals were analyzed in accordance with procedures delineated in SW-846 (EPA 1986). Specifically, mercury was analyzed in accordance with SW-846 Method 7470A; silver was analyzed in accordance with SW-846 Method 7760A; and the balance was analyzed in accordance with SW-846 Method 3010A and SW-846 Method 6010B. Specific metals requested included arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver. Anion analysis included fluoride, chloride, bromide, nitrate, nitrite, orthophosphate, and sulfate. Anion samples were analyzed in accordance with SW-846 Method 9056. All analytical results for metals and anions were below MCLs, SMCLs, or action levels. Lead had been detected in previous sampling events at concentrations slightly above the EPA action level of 15 µg/L, but lead was below detection limits (1.73 µg/L) and the action level in all samples collected for FY 2005.

The cause of the previous elevated lead concentrations is believed to be the galvanized water-access and discharge pipes. Excluding the production well SPERT-I, each of the WAG 5 groundwater monitoring wells was installed with galvanized water-access and discharge pipes. As part of the INL routine well maintenance program, pumps were removed and maintained, and galvanized pipes were removed and replaced with stainless-steel pipes in Wells ARA-MON-A-001 and PBF-MON-A-004 during June 2003. Galvanized pipe from all other WAG 5 monitoring wells has been replaced with stainless-steel pipe during well maintenance activities over the past four years. Galvanized pipe removed from these wells showed evidence of corrosion and rusting.

Corrosion of galvanized pipes has been attributed to the presence of lead and zinc in groundwater samples from other wells at INL—specifically, wells in and around the Central Facilities Area and Test Area North. After galvanized pipe was replaced with stainless-steel pipe in other INL wells, the concentrations of lead and zinc decreased. Similarly, upon replacement of galvanized pipe in the ARA/PBF wells, the lead concentrations decreased to background levels. Consequently, the elevated lead concentrations in the ARA/PBF wells were probably the result of corroded galvanized pipe in the wells.

Chromium, selenium, and fluoride were detected above background concentrations (Table 3). The natural chromium and selenium concentrations are probably higher in the vicinity of PBF and ARA, because the upgradient well, PBF-MON-A-005, has concentrations similar to the other wells. The cause of the higher fluoride concentrations in the ARA-MON-A-002 and -004 wells might be due to a locally

higher background/upgradient concentration. The fluoride, chromium, and chloride concentrations are consistent with historical results (INEEL 2003; INEEL 2004b).

2.1.3 Radionuclide Results

Radionuclide analyses included gross alpha and beta, gamma spectrometry, tritium, and iodine-129. The analyses were performed in accordance with the requirements delineated in the INL radionuclide analytical statement of work (INEEL 2004a). For the FY 2005 sampling effort, the laboratory was requested to perform alpha and beta isotopic analyses only if the corresponding gross alpha or gross beta sample result exceeded 5 pCi/L. Because this did not occur for any of the well samples analyzed, isotopic tests were unnecessary. Iodine-129 and tritium were not detected in any well. None of the radionuclide analytes exceeded the EPA-defined MCLs for drinking water (Table 2).

Antimony-125 was detected during the FY 2005 sampling event in Well PBF-MON-A-001 at a concentration of 16.8 ± 0.984 pCi/L. This result is near the minimum detectable activity of 13.7 pCi/L for this analysis. Ruthenium-106 was detected in PBF-MON-A-004 at 38.1 pCi/L but was flagged “J” during validation and was less than the minimum detectable activity of 41.4 pCi/L. In addition, these results are questionable for three other reasons. First, no other gamma-emitting radionuclides were reported in the samples, especially Co-60 and Cs-137, which would be expected in the presence of the two isotopes in question. Second, both Sb-125 and Ru-106 have relatively short half-lives (2.77 years and 368.2 days, respectively) and no activities have taken place in either the vicinity of the ARA or CITRC in the last 20 years that could have contributed to the presence of these isotopes in the environment. Third, neither of these isotopes have been detected historically in samples from these two wells.

2.1.4 Field-Measured Parameters

Specific conductance, dissolved oxygen, pH, and temperature were measured in the field at the time of sampling. These parameters are summarized in Table 3. The dissolved oxygen readings indicate that oxidizing conditions exist in the aquifer. Specific conductance measurements ranged from 0.35 to 0.401 mmhos/cm, with the highest value in Well SPERT-I. The pH values were relatively consistent at 7.4 to 7.7, except for Well PBF-MON-A-001, which had a pH value of 8.44. The higher pH value for PBF-MON-A-001 is similar to previous measurements and this well typically has had a higher pH value than the other WAG 5 wells.

Table 3. Summary of Waste Area Group 5 groundwater field-measured parameters for Fiscal Year 2005.

Well Name	Date Sampled	Water Level (ft bgs) ^a	Temperature (C)	pH	Specific Conductivity (mmhos/cm)	Dissolved Oxygen (mg/L)
PBF-MON-A-003	11/9/2004	523.02	13.81	7.52	0.35	7.78
ARA-MON-A-002	11/9/2004	599.34	14.59	7.52	0.383	4.55
ARA-MON-A-001	11/9/2004	595.85	14.84	7.57	0.374	5.36
SPERT-I	11/10/2004	NM	11.66	7.6	0.39	9.25
ARA-MON-A-03A	11/10/2004	609.58	14.22	7.42	0.401	5.86
ARA-MON-A-004	11/10/2004	623.93	13.98	7.56	0.373	5.6
PBF-MON-A-004	11/10/2004	499.66	12.23	7.71	0.374	9.14
PBF-MON-A-005	11/10/2004	514.88	13.07	7.6	0.36	7.43
PBF-MON-A-001	11/10/2004	NM	11.13	8.44	0.379	1.76

a. Water level at the time of sampling.

bgs = below ground surface

NM = not measured.

2.2 Groundwater Level Measurements

In June 2004, water level measurements were obtained from the 20 monitoring wells at and near WAG 5 (Table 4). The current ground elevation and borehole deviation correction factors also are shown in Table 4. A water level contour map prepared from these measurements is shown on Figure 3. Similar to past groundwater contour maps for WAG 5, the contour map of the June 2004 data shows steep contours in the CITRC area, with the direction of hydraulic gradient somewhat counter to the regional south-southwest gradient. Water level data was collected in October 2004, but measurements were not taken at a few key wells, creating an insufficient data set to construct a water level map.

3. CONCLUSIONS AND RECOMMENDATIONS

This section summarizes the conclusions and recommendations based on the groundwater monitoring events that have occurred to date.

3.1 Conclusions

Groundwater monitoring for FY 2005 was completed in October 2004 in accordance with the WAG 5 Record of Decision (DOE-ID 2000) and the Groundwater Monitoring Plan (DOE-ID 2004). As discussed in Appendix B, all data quality objectives defined in the groundwater monitoring plan were met. Overall, most analyte concentrations appear to be consistent with historical results and do not indicate the influence of contaminants from the surface of the ARA or CITRC areas.

All constituents analyzed from the groundwater samples collected during the October 2004 sampling event were below MCLs. Lead concentrations, which have been above lead's action level in several wells in the past, were all below MCLs in October 2004. The October 2004 sampling event represents the third consecutive year that the lead concentrations have not exceeded the action level. Replacement of galvanized pipe with stainless-steel pipe appears to have removed the source of the lead. Consequently, lead concentrations have declined to background concentrations.

Although Sb-125 and Ru-106 were considered to be present statistically at concentrations of 16.8 ± 4.8 and 38.1 ± 11.2 pCi/L, respectively, the results are considered suspect for the reasons stated in Subsection 2.1.3.

The groundwater contour map prepared from the water elevations measured during June 2004 continues to show a steep hydraulic gradient in the CITRC area and is consistent with previous contour maps of the area.

3.2 Recommendations

Groundwater monitoring for the past five years has not shown significant variation in groundwater flow directions. In addition, concentrations of organic, inorganic, and radiological constituents are substantially below EPA-defined regulatory levels. Based on the monitoring results, it is recommended that all inorganic, radionuclide, and groundwater monitoring should be discontinued and that organic groundwater monitoring be continued only on the three monitoring wells (PBF-MON-A-001, PBF-MON-A-003, and SPERT-I located near the PER-722 diesel fuel release behind the PBF Reactor Building [PER-620]). Furthermore, it is recommended that the organic monitoring of these wells should be terminated in 2006 if monitoring results continue to indicate organic contaminant concentrations in the groundwater that are below regulatory concern. These recommendations also are being made in the five-year review for WAG 5.

Table 4. Summary of water level data from June 2004.

Well	Date	Time	Barometric Pressure	Depth to water (ft)	Stick-up (ft)	Depth to Water (ft bgs)	Land Surface Datum (ft above MSL)	Borehole Deviation Correction Factor (ft)	Water Level Elevation (ft above MSL)
ARA-MON-A-001	6/8/2004	1028	24.51	598.12	3.03	595.56	5034.3	0.47	4439.68
ARA-MON-A-002	6/8/2004	1013	24.51	601.31	3.01	598.4	5037.4	0.1	4439.20
ARA-MON-A-003A	6/8/2004	0959	24.57	612.18	3.21	609.09	5050.1	0.12	4441.25
ARA-MON-A-004	6/8/2004	1040	24.51	626.47	3.08	623.47	5064.6	0.08	4441.29
NPR-TEST	6/7/2004	1150	24.81	473.86	3.35	470.51	4933.15	No info	4462.64
NTP-Area 2	6/10/2004	1005	24.86	678.95	1.72	677.23	5128.42	No info	4451.19
PBF-MON-A-001	6/8/2004	1120	24.63	451.68	2.37	449.33	4906.15	0.02	4456.86
PBF-MON-A-003	6/8/2004	0948	24.57	524.29	2.18	522.17	4959.29	0.06	4437.24
PBF-MON-A-004	6/8/2004	1100	24.51	502.03	3.33	498.76	4939.66	0.06	4441.02
STF-MON-A-003	6/8/2004	0853	24.57	506.69	2.73	504.1	4937.01	0.14	4433.19
STF-MON-A-004	6/8/2004	1140	24.63	514.22	2.83	511.49	4945.37	0.1	4434.08
STF-MON-A-01A	6/8/2004	0906	24.57	506.68	2.56	504.15	4941.4	0.03	4437.31
STF-MON-A-02A	6/8/2004	0924	24.60	504.03	3.30	500.75	4937.3	0.02	4436.59
USGS-001	6/8/2004	0930	24.79	595.47	1.41	594.25	5022.71	0.19	4428.84
USGS-005	4/23/2004	0830	25.25	476.8	1.45	475.35	4937.79	No info	4462.44
USGS-020	6/8/2004	0825	29.77	471.52	2.03	469.56	4916.36	0.07	4446.94
USGS-082	6/8/2004	1140	29.80	460.61	2.885	457.755	4906.99	0.03	4449.30
USGS-107	6/8/2004	1539	24.69	488.95	3.34	485.61	4917.5	No info	4431.89
USGS-110	6/9/2004	1000	24.86	574.33	3.54	570.85	4999.97	0.06	4429.24
USGS-116	6/8/2004	0840	29.77	470.93	3.90	467.23	4916.03	0.2	4449.20

bgs = below ground surface
MSL = mean sea level.

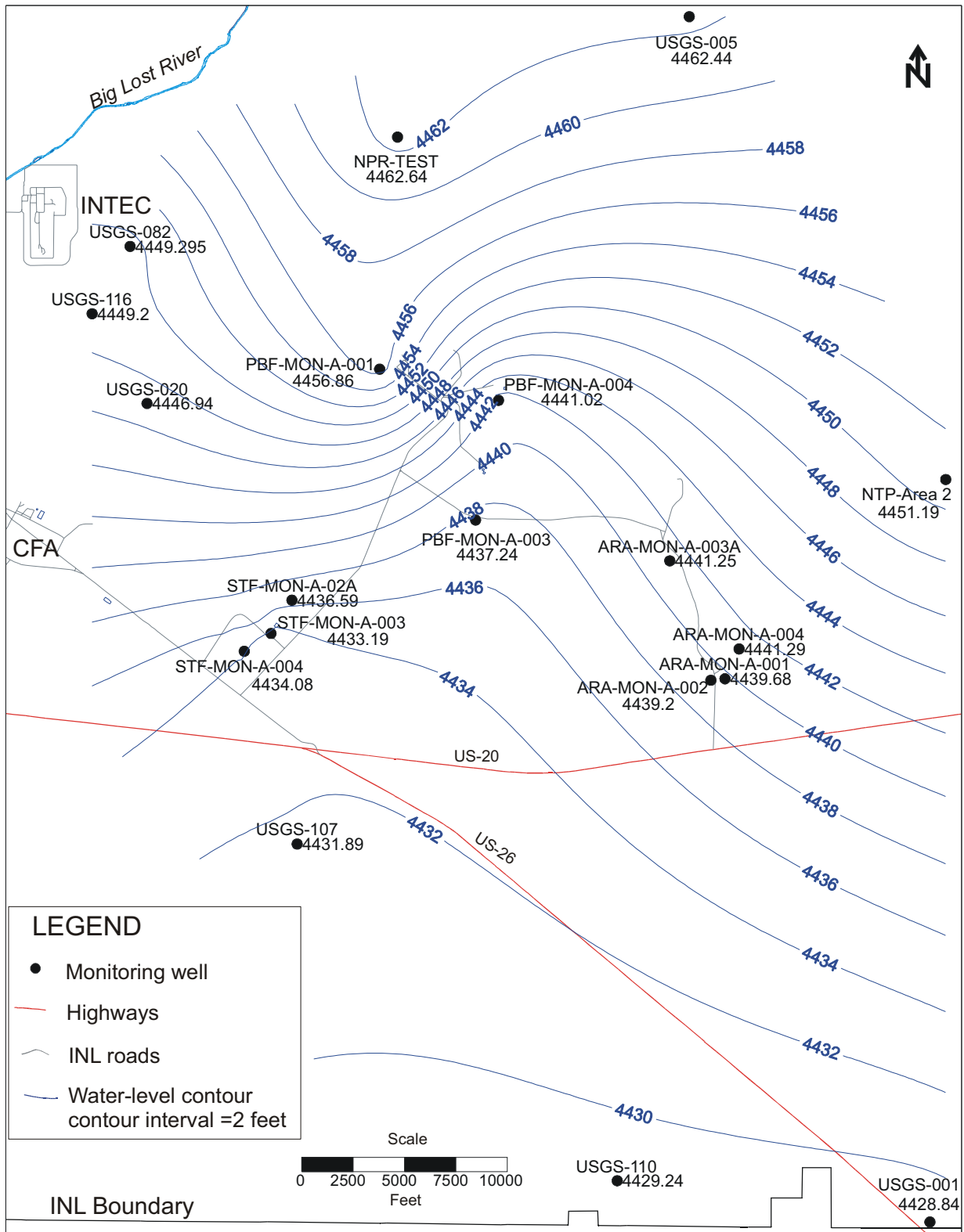


Figure 3. Waste Area Group 5 groundwater contour map of June 2004 data.

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Appendix A
Analytical Results

Appendix A

Analytical Results

This appendix presents the analytical data collected from groundwater sampling at Waste Area Group 5. The complete data set is provided on the compact disc attached to the inside back cover of this report. Data qualifier flags used in this appendix are defined as follows:

Organics

- B – the analyte was detected in the associated laboratory blank.
- U – the analyte was not detected.
- UJ – the analyte was analyzed for, but it was not detected. The associated value is an estimate and might be inaccurate or imprecise.
- J – the analyte was detected, but the associated value is an estimate and might be inaccurate or imprecise.
- R – the accuracy of the data is so questionable that it is recommended that the data not be used. The “R” flag overrides all other applicable flags.

Inorganics

- B – the result is less than the contract-required reporting limit but greater than or equal to the instrument detection limit.
- E – the post-digestion spike was outside control limits.
- N – the matrix spike recovery was outside control limits.
- U – the analyte was not detected.
- UJ – the analyte was analyzed for, but it was not detected. The associated value is an estimate and might be inaccurate or imprecise.
- R – the accuracy of the data is so questionable that it is recommended that the data not be used. The “R” flag overrides all other applicable flags.

Radiological Qualifier Flags

- J – the associated value is estimated. The result might not be an accurate representation of the amount of activity actually present in the sample.
- R – the accuracy of the data is so questionable that it is recommended that the data not be used. The “R” flag overrides all other applicable flags.
- U – the radionuclide is not considered present in the sample (i.e., nondetect).

- UJ – the radionuclide might or might not be present, and the result is considered highly questionable. The associated value is an estimate and might be inaccurate or imprecise. The result is considered a nondetect for project data interpretation purposes.

Field Sample Number	Location	Compound	Sample Result	Sample Error	Result	Validation	Sample Units	Date Sample	Method Code	MDA	Filtered	L&V Report Number
					Qualifier	Flag		Collected			Metal	
5GM01301VF	ARA-MON-1	1,1,1,2-Tetrachloroethane	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01301VF	ARA-MON-1	1,1,1-Trichloroethane	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01301VF	ARA-MON-1	1,1,2,2-Tetrachloroethane	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01301VF	ARA-MON-1	1,1,2-Trichloroethane	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01301VF	ARA-MON-1	1,1-Dichloroethane	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01301VF	ARA-MON-1	1,1-Dichloroethylene	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01301VF	ARA-MON-1	1,2,3-Trichloropropane	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01301VF	ARA-MON-1	1,2-Dibromo-3-chloropropane	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01301VF	ARA-MON-1	1,2-Dibromoethane	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01301VF	ARA-MON-1	1,2-Dichloroethane	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01301VF	ARA-MON-1	1,2-Dichloropropane	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01301VF	ARA-MON-1	2-Butanone	5		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01301VF	ARA-MON-1	2-Chloro-1,3-butadiene	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01301VF	ARA-MON-1	2-Hexanone	5		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01301VF	ARA-MON-1	4-Methyl-2-pentanone	5		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01301VF	ARA-MON-1	Acetone	5		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01301VF	ARA-MON-1	Acetonitrile	25		U	R	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01301VF	ARA-MON-1	Acrolein	5		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01301VF	ARA-MON-1	Acrylonitrile	5		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01301VF	ARA-MON-1	Allyl chloride	5		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01301RH	ARA-MON-1	Americium-241	-1.16E+01	1.19E+01		U	PCI/L	11/09/2004	GMS	3.66E+01	F	SOS-TL413-04
5GM01301RH	ARA-MON-1	Antimony-125	9.05E+00	3.36E+00		UJ	PCI/L	11/09/2004	GMS	1.26E+01	F	SOS-TL413-04
5GM01301LL	ARA-MON-1	Arsenic	2.24		U		UG/L	11/09/2004	SW6010B		F	DNT-034-05
5GM01301LL	ARA-MON-1	Barium	38.2		B		UG/L	11/09/2004	SW6010B		F	DNT-034-05
5GM01301VF	ARA-MON-1	Benzene	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01301AN	ARA-MON-1	Bromide	0		U		MG/L	11/09/2004	E300		F	DNT-012-05
5GM01301VF	ARA-MON-1	Bromodichloromethane	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01301VF	ARA-MON-1	Bromoform	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01301VF	ARA-MON-1	Bromomethane	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01301LL	ARA-MON-1	Cadmium	0.47		B		UG/L	11/09/2004	SW6010B		F	DNT-034-05
5GM01301VF	ARA-MON-1	Carbon disulfide	5		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01301VF	ARA-MON-1	Carbon tetrachloride	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01301RH	ARA-MON-1	Cerium-144	1.16E+01	9.00E+00		U	PCI/L	11/09/2004	GMS	3.29E+01	F	SOS-TL413-04
5GM01301RH	ARA-MON-1	Cesium-134	-1.82E-01	1.52E+00		U	PCI/L	11/09/2004	GMS	4.87E+00	F	SOS-TL413-04
5GM01301RH	ARA-MON-1	Cesium-137	1.20E+00	1.29E+00		U	PCI/L	11/09/2004	GMS	4.69E+00	F	SOS-TL413-04
5GM01301AN	ARA-MON-1	Chloride	19			J	MG/L	11/09/2004	E300		F	DNT-012-05
5GM01301VF	ARA-MON-1	Chlorobenzene	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01301VF	ARA-MON-1	Chloroethane	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01301VF	ARA-MON-1	Chloroform	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01301VF	ARA-MON-1	Chloromethane	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01301LL	ARA-MON-1	Chromium	4.3		B		UG/L	11/09/2004	SW6010B		F	DNT-034-05
5GM01301VF	ARA-MON-1	cis-1,3-Dichloropropylene	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01301RH	ARA-MON-1	Cobalt-58	-1.21E+00	1.31E+00		U	PCI/L	11/09/2004	GMS	3.72E+00	F	SOS-TL413-04
5GM01301RH	ARA-MON-1	Cobalt-60	1.96E+00	1.14E+00		U	PCI/L	11/09/2004	GMS	5.45E+00	F	SOS-TL413-04
5GM01301VF	ARA-MON-1	Dibromochloromethane	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01301VF	ARA-MON-1	Dibromomethane	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01301VF	ARA-MON-1	Dichlorodifluoromethane	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01301VF	ARA-MON-1	Ethylbenzene	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01301RH	ARA-MON-1	Europium-152	-3.89E-01	3.73E+00		U	PCI/L	11/09/2004	GMS	1.37E+01	F	SOS-TL413-04

5GM01301RH	ARA-MON-1	Europium-154	-3.65E+00	3.73E+00		U	PCI/L	11/09/2004	GMS	1.32E+01	F	SOS-TL413-04
5GM01301RH	ARA-MON-1	Europium-155	-9.90E-01	4.82E+00		U	PCI/L	11/09/2004	GMS	1.69E+01	F	SOS-TL413-04
5GM01301AN	ARA-MON-1	Fluoride	0.497		J		MG/L	11/09/2004	E300		F	DNT-012-05
5GM01301RH	ARA-MON-1	Gross Alpha	2.83E+00	8.29E-01		J	PCI/L	11/09/2004	GAB	2.78E+00	F	SOS-TL413-04
5GM01301RH	ARA-MON-1	Gross Beta	3.44E+00	9.22E-01		J	PCI/L	11/09/2004	GAB	3.48E+00	F	SOS-TL413-04
5GM01301RI	ARA-MON-1	Iodine-129	8.71E-02	1.30E-01		U	PCI/L	11/09/2004	GMS	4.08E-01	F	SOS-TL412-04
5GM01301VF	ARA-MON-1	Iodomethane	5			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01301VF	ARA-MON-1	Isobutyl alcohol	50			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01301LL	ARA-MON-1	Lead	1.72			U	UG/L	11/09/2004	SW6010B		F	DNT-034-05
5GM01301RH	ARA-MON-1	Manganese-54	-3.48E+00	1.35E+00		U	PCI/L	11/09/2004	GMS	3.72E+00	F	SOS-TL413-04
5GM01301LL	ARA-MON-1	Mercury	0.0472			U	UG/L	11/09/2004	SW7470A		F	DNT-034-05
5GM01301VF	ARA-MON-1	Methacrylonitrile	5			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01301VF	ARA-MON-1	Methylmethacrylate	5			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01301RH	ARA-MON-1	Niobium-95	-1.82E+00	1.58E+00		U	PCI/L	11/09/2004	GMS	5.25E+00	F	SOS-TL413-04
5GM01301AN	ARA-MON-1	Nitrate-N	1.19				MG/L	11/09/2004	E300		F	DNT-012-05
5GM01301AN	ARA-MON-1	Nitrite-N	0			U	MG/L	11/09/2004	E300		F	DNT-012-05
5GM01301AN	ARA-MON-1	O-Phosphate as P	0			U	MG/L	11/09/2004	E300		F	DNT-012-05
5GM01301VF	ARA-MON-1	Propionitrile	5			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01301RH	ARA-MON-1	Radium-226	4.79E+00	2.76E+00		U	PCI/L	11/09/2004	GMS	1.10E+01	F	SOS-TL413-04
5GM01301RH	ARA-MON-1	Ruthenium-103	-1.04E+00	1.37E+00		U	PCI/L	11/09/2004	GMS	4.82E+00	F	SOS-TL413-04
5GM01301RH	ARA-MON-1	Ruthenium-106	-1.94E+00	1.12E+01		U	PCI/L	11/09/2004	GMS	4.09E+01	F	SOS-TL413-04
5GM01301LL	ARA-MON-1	Selenium	4.1			B	UG/L	11/09/2004	SW6010B		F	DNT-034-05
5GM01301LL	ARA-MON-1	Silver	0.835			U	UG/L	11/09/2004	SW6010B		F	DNT-034-05
5GM01301RH	ARA-MON-1	Silver-108m	-6.60E-01	1.20E+00		U	PCI/L	11/09/2004	GMS	4.29E+00	F	SOS-TL413-04
5GM01301RH	ARA-MON-1	Silver-110m	3.36E+00	1.51E+00		UJ	PCI/L	11/09/2004	GMS	4.60E+00	F	SOS-TL413-04
5GM01301VF	ARA-MON-1	Styrene	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01301AN	ARA-MON-1	Sulfate	19.1				MG/L	11/09/2004	E300		F	DNT-012-05
5GM01301VF	ARA-MON-1	Tetrachloroethylene	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01301VF	ARA-MON-1	Toluene	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01301VF	ARA-MON-1	trans-1,2-Dichloroethylene	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01301VF	ARA-MON-1	trans-1,3-Dichloropropylene	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01301VF	ARA-MON-1	trans-1,4-Dichloro-2-butene	5			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01301VF	ARA-MON-1	Trichloroethylene	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01301VF	ARA-MON-1	Trichlorofluoromethane	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01301R8	ARA-MON-1	Tritium	3.47E+01	9.10E+01		U	PCI/L	11/09/2004	LSC	3.15E+02	F	SOS-TL411-04
5GM01301RH	ARA-MON-1	Uranium-235	-6.57E+00	1.11E+01		U	PCI/L	11/09/2004	GMS	3.35E+01	F	SOS-TL413-04
5GM01301VF	ARA-MON-1	Vinyl Acetate	5			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01301VF	ARA-MON-1	Vinyl Chloride	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01301VF	ARA-MON-1	Xylene (Total)	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01301RH	ARA-MON-1	Zinc-65	1.75E+00	2.79E+00		U	PCI/L	11/09/2004	GMS	1.14E+01	F	SOS-TL413-04
5GM01301RH	ARA-MON-1	Zirconium-95	-2.87E+00	2.51E+00		U	PCI/L	11/09/2004	GMS	8.33E+00	F	SOS-TL413-04
5GM01401VG	ARA-MON-2	1,1,1,2-Tetrachloroethane	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01402VG	ARA-MON-2	1,1,1,2-Tetrachloroethane	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01401VG	ARA-MON-2	1,1,1-Trichloroethane	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01402VG	ARA-MON-2	1,1,1-Trichloroethane	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01401VG	ARA-MON-2	1,1,2,2-Tetrachloroethane	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01402VG	ARA-MON-2	1,1,2,2-Tetrachloroethane	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01401VG	ARA-MON-2	1,1,2-Trichloroethane	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01402VG	ARA-MON-2	1,1,2-Trichloroethane	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01401VG	ARA-MON-2	1,1-Dichloroethane	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01402VG	ARA-MON-2	1,1-Dichloroethane	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01401VG	ARA-MON-2	1,1-Dichloroethylene	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04

5GM01402VG	ARA-MON-2	1,1-Dichloroethylene	1		U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM01401VG	ARA-MON-2	1,2,3-Trichloropropane	1		U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM01402VG	ARA-MON-2	1,2,3-Trichloropropane	1		U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM01401VG	ARA-MON-2	1,2-Dibromo-3-chloropropane	1		U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM01402VG	ARA-MON-2	1,2-Dibromo-3-chloropropane	1		U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM01401VG	ARA-MON-2	1,2-Dibromoethane	1		U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM01402VG	ARA-MON-2	1,2-Dibromoethane	1		U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM01401VG	ARA-MON-2	1,2-Dichloroethane	1		U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM01402VG	ARA-MON-2	1,2-Dichloroethane	1		U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM01401VG	ARA-MON-2	1,2-Dichloropropane	1		U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM01402VG	ARA-MON-2	1,2-Dichloropropane	1		U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM01401VG	ARA-MON-2	2-Butanone	5		U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM01402VG	ARA-MON-2	2-Butanone	5		U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM01401VG	ARA-MON-2	2-Chloro-1,3-butadiene	1		U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM01402VG	ARA-MON-2	2-Chloro-1,3-butadiene	1		U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM01401VG	ARA-MON-2	2-Hexanone	5		U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM01402VG	ARA-MON-2	2-Hexanone	5		U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM01401VG	ARA-MON-2	4-Methyl-2-pentanone	5		U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM01402VG	ARA-MON-2	4-Methyl-2-pentanone	5		U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM01401VG	ARA-MON-2	Acetone	5		U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM01402VG	ARA-MON-2	Acetone	5		U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM01401VG	ARA-MON-2	Acetonitrile	25		U	R	UG/L	11/09/2004	SW8260B	F	DMG-344-04	
5GM01402VG	ARA-MON-2	Acetonitrile	25		U	R	UG/L	11/09/2004	SW8260B	F	DMG-344-04	
5GM01401VG	ARA-MON-2	Acrolein	5		U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM01402VG	ARA-MON-2	Acrolein	5		U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM01401VG	ARA-MON-2	Acrylonitrile	5		U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM01402VG	ARA-MON-2	Acrylonitrile	5		U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM01401VG	ARA-MON-2	Allyl chloride	5		U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM01402VG	ARA-MON-2	Allyl chloride	5		U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM01401RH	ARA-MON-2	Americium-241	-1.14E+00	1.34E+01		U	PCI/L	11/09/2004	GMS	4.13E+01	F	SOS-TL413-04
5GM01402RH	ARA-MON-2	Americium-241	-4.36E-01	9.39E+00		U	PCI/L	11/09/2004	GMS	2.99E+01	F	SOS-TL413-04
5GM01401RH	ARA-MON-2	Antimony-125	1.69E+01	3.91E+00		UJ	PCI/L	11/09/2004	GMS	1.54E+01	F	SOS-TL413-04
5GM01402RH	ARA-MON-2	Antimony-125	-1.52E+00	4.02E+00		U	PCI/L	11/09/2004	GMS	1.41E+01	F	SOS-TL413-04
5GM01401LL	ARA-MON-2	Arsenic	2.24		U	UG/L	11/09/2004	SW6010B		F	DNT-034-05	
5GM01402LL	ARA-MON-2	Arsenic	2.24		U	UG/L	11/09/2004	SW6010B		F	DNT-034-05	
5GM01401LL	ARA-MON-2	Barium	38.6		B	UG/L	11/09/2004	SW6010B		F	DNT-034-05	
5GM01402LL	ARA-MON-2	Barium	38		B	UG/L	11/09/2004	SW6010B		F	DNT-034-05	
5GM01401VG	ARA-MON-2	Benzene	1		U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM01402VG	ARA-MON-2	Benzene	1		U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM01401AN	ARA-MON-2	Bromide	0		U	MG/L	11/09/2004	E300		F	DNT-012-05	
5GM01402AN	ARA-MON-2	Bromide	0		U	MG/L	11/09/2004	E300		F	DNT-012-05	
5GM01401VG	ARA-MON-2	Bromodichloromethane	1		U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM01402VG	ARA-MON-2	Bromodichloromethane	1		U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM01401VG	ARA-MON-2	Bromoform	1		U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM01402VG	ARA-MON-2	Bromoform	1		U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM01401VG	ARA-MON-2	Bromomethane	1		U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM01402VG	ARA-MON-2	Bromomethane	1		U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM01401LL	ARA-MON-2	Cadmium	0.5		B	UG/L	11/09/2004	SW6010B		F	DNT-034-05	
5GM01402LL	ARA-MON-2	Cadmium	0.65		B	UG/L	11/09/2004	SW6010B		F	DNT-034-05	
5GM01401VG	ARA-MON-2	Carbon disulfide	5		U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM01402VG	ARA-MON-2	Carbon disulfide	5		U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM01401VG	ARA-MON-2	Carbon tetrachloride	1		U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	

5GM01402VG	ARA-MON-2	Carbon tetrachloride	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01401RH	ARA-MON-2	Cerium-144	-7.38E+00	1.12E+01		U	PCI/L	11/09/2004	GMS	3.70E+01	F	SOS-TL413-04
5GM01402RH	ARA-MON-2	Cerium-144	3.61E+00	1.08E+01		U	PCI/L	11/09/2004	GMS	3.36E+01	F	SOS-TL413-04
5GM01401RH	ARA-MON-2	Cesium-134	2.56E+00	1.10E+00		UJ	PCI/L	11/09/2004	GMS	4.98E+00	F	SOS-TL413-04
5GM01402RH	ARA-MON-2	Cesium-134	4.66E-01	1.38E+00		U	PCI/L	11/09/2004	GMS	5.36E+00	F	SOS-TL413-04
5GM01401RH	ARA-MON-2	Cesium-137	-2.77E-02	1.18E+00		U	PCI/L	11/09/2004	GMS	4.48E+00	F	SOS-TL413-04
5GM01402RH	ARA-MON-2	Cesium-137	2.62E-01	1.25E+00		U	PCI/L	11/09/2004	GMS	4.83E+00	F	SOS-TL413-04
5GM01401AN	ARA-MON-2	Chloride	19.4			J	MG/L	11/09/2004	E300		F	DNT-012-05
5GM01402AN	ARA-MON-2	Chloride	19			J	MG/L	11/09/2004	E300		F	DNT-012-05
5GM01401VG	ARA-MON-2	Chlorobenzene	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01402VG	ARA-MON-2	Chlorobenzene	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01401VG	ARA-MON-2	Chloroethane	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01402VG	ARA-MON-2	Chloroethane	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01401VG	ARA-MON-2	Chloroform	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01402VG	ARA-MON-2	Chloroform	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01401VG	ARA-MON-2	Chloromethane	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01402VG	ARA-MON-2	Chloromethane	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01401LL	ARA-MON-2	Chromium	4.3		B		UG/L	11/09/2004	SW6010B		F	DNT-034-05
5GM01402LL	ARA-MON-2	Chromium	4.2		B		UG/L	11/09/2004	SW6010B		F	DNT-034-05
5GM01401VG	ARA-MON-2	cis-1,3-Dichloropropylene	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01402VG	ARA-MON-2	cis-1,3-Dichloropropylene	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01401RH	ARA-MON-2	Cobalt-58	-1.99E+00	1.49E+00		U	PCI/L	11/09/2004	GMS	4.20E+00	F	SOS-TL413-04
5GM01402RH	ARA-MON-2	Cobalt-58	-4.26E-01	1.36E+00		U	PCI/L	11/09/2004	GMS	5.02E+00	F	SOS-TL413-04
5GM01401RH	ARA-MON-2	Cobalt-60	9.11E-01	1.23E+00		U	PCI/L	11/09/2004	GMS	5.51E+00	F	SOS-TL413-04
5GM01402RH	ARA-MON-2	Cobalt-60	2.38E+00	1.46E+00		U	PCI/L	11/09/2004	GMS	6.44E+00	F	SOS-TL413-04
5GM01401VG	ARA-MON-2	Dibromochloromethane	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01402VG	ARA-MON-2	Dibromochloromethane	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01401VG	ARA-MON-2	Dibromomethane	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01402VG	ARA-MON-2	Dibromomethane	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01401VG	ARA-MON-2	Dichlorodifluoromethane	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01402VG	ARA-MON-2	Dichlorodifluoromethane	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01401VG	ARA-MON-2	Ethylbenzene	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01402VG	ARA-MON-2	Ethylbenzene	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01401RH	ARA-MON-2	Europium-152	-1.24E+01	4.62E+00		U	PCI/L	11/09/2004	GMS	1.43E+01	F	SOS-TL413-04
5GM01402RH	ARA-MON-2	Europium-152	-6.01E+00	4.10E+00		U	PCI/L	11/09/2004	GMS	1.36E+01	F	SOS-TL413-04
5GM01401RH	ARA-MON-2	Europium-154	-1.03E+00	2.31E+00		U	PCI/L	11/09/2004	GMS	9.57E+00	F	SOS-TL413-04
5GM01402RH	ARA-MON-2	Europium-154	3.33E+00	5.41E+00		U	PCI/L	11/09/2004	GMS	1.90E+01	F	SOS-TL413-04
5GM01401RH	ARA-MON-2	Europium-155	8.89E+00	6.53E+00		U	PCI/L	11/09/2004	GMS	2.33E+01	F	SOS-TL413-04
5GM01402RH	ARA-MON-2	Europium-155	-5.30E+00	6.08E+00		U	PCI/L	11/09/2004	GMS	1.80E+01	F	SOS-TL413-04
5GM01401AN	ARA-MON-2	Fluoride	0.528				MG/L	11/09/2004	E300		F	DNT-012-05
5GM01402AN	ARA-MON-2	Fluoride	0.49		J		MG/L	11/09/2004	E300		F	DNT-012-05
5GM01401RH	ARA-MON-2	Gross Alpha	1.60E+00	5.91E-01		UJ	PCI/L	11/09/2004	GAB	1.98E+00	F	SOS-TL413-04
5GM01402RH	ARA-MON-2	Gross Alpha	1.83E+00	7.59E-01		UJ	PCI/L	11/09/2004	GAB	2.80E+00	F	SOS-TL413-04
5GM01401RH	ARA-MON-2	Gross Beta	4.44E+00	8.57E-01		J	PCI/L	11/09/2004	GAB	2.98E+00	F	SOS-TL413-04
5GM01402RH	ARA-MON-2	Gross Beta	5.85E+00	9.73E-01		J	PCI/L	11/09/2004	GAB	3.30E+00	F	SOS-TL413-04
5GM01401RI	ARA-MON-2	Iodine-129	1.06E-02	5.42E-02		U	PCI/L	11/09/2004	GMS	2.07E-01	F	SOS-TL412-04
5GM01402RI	ARA-MON-2	Iodine-129	1.51E-01	9.77E-02		U	PCI/L	11/09/2004	GMS	3.71E-01	F	SOS-TL412-04
5GM01401VG	ARA-MON-2	Iodomethane	5		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01402VG	ARA-MON-2	Iodomethane	5		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01401VG	ARA-MON-2	Isobutyl alcohol	50		U	R	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01402VG	ARA-MON-2	Isobutyl alcohol	50		U	R	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01401LL	ARA-MON-2	Lead	1.72		U		UG/L	11/09/2004	SW6010B		F	DNT-034-05

5GM01402LL	ARA-MON-2	Lead	1.72		U		UG/L	11/09/2004	SW6010B		F	DNT-034-05
5GM01401RH	ARA-MON-2	Manganese-54	7.69E-01	1.38E+00		U	PCI/L	11/09/2004	GMS	5.58E+00	F	SOS-TL413-04
5GM01402RH	ARA-MON-2	Manganese-54	8.83E-01	1.37E+00		U	PCI/L	11/09/2004	GMS	5.35E+00	F	SOS-TL413-04
5GM01401LL	ARA-MON-2	Mercury	0.0472		U		UG/L	11/09/2004	SW7470A		F	DNT-034-05
5GM01402LL	ARA-MON-2	Mercury	0.0472		U		UG/L	11/09/2004	SW7470A		F	DNT-034-05
5GM01401VG	ARA-MON-2	Methyl acrylonitrile	5		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01402VG	ARA-MON-2	Methyl acrylonitrile	5		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01401VG	ARA-MON-2	Methylmethacrylate	5		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01402VG	ARA-MON-2	Methylmethacrylate	5		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01401RH	ARA-MON-2	Niobium-95	4.04E+00	1.76E+00		UJ	PCI/L	11/09/2004	GMS	7.61E+00	F	SOS-TL413-04
5GM01402RH	ARA-MON-2	Niobium-95	4.22E+00	1.88E+00		UJ	PCI/L	11/09/2004	GMS	7.83E+00	F	SOS-TL413-04
5GM01401AN	ARA-MON-2	Nitrate-N	1.21				MG/L	11/09/2004	E300		F	DNT-012-05
5GM01402AN	ARA-MON-2	Nitrate-N	1.22				MG/L	11/09/2004	E300		F	DNT-012-05
5GM01401AN	ARA-MON-2	Nitrite-N	0		U		MG/L	11/09/2004	E300		F	DNT-012-05
5GM01402AN	ARA-MON-2	Nitrite-N	0		U		MG/L	11/09/2004	E300		F	DNT-012-05
5GM01401AN	ARA-MON-2	O-Phosphate as P	0.281		J		MG/L	11/09/2004	E300		F	DNT-012-05
5GM01402AN	ARA-MON-2	O-Phosphate as P	0		U		MG/L	11/09/2004	E300		F	DNT-012-05
5GM01401VG	ARA-MON-2	Propionitrile	5		U	R	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01402VG	ARA-MON-2	Propionitrile	5		U	R	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01401RH	ARA-MON-2	Radium-226	1.74E+01	5.55E+00		UJ	PCI/L	11/09/2004	GMS	1.45E+01	F	SOS-TL413-04
5GM01402RH	ARA-MON-2	Radium-226	6.31E+00	5.47E+00		U	PCI/L	11/09/2004	GMS	9.13E+00	F	SOS-TL413-04
5GM01401RH	ARA-MON-2	Ruthenium-103	9.61E-01	1.75E+00		U	PCI/L	11/09/2004	GMS	6.59E+00	F	SOS-TL413-04
5GM01402RH	ARA-MON-2	Ruthenium-103	-9.07E-01	1.70E+00		U	PCI/L	11/09/2004	GMS	5.86E+00	F	SOS-TL413-04
5GM01401RH	ARA-MON-2	Ruthenium-106	8.32E-01	1.31E+01		U	PCI/L	11/09/2004	GMS	4.82E+01	F	SOS-TL413-04
5GM01402RH	ARA-MON-2	Ruthenium-106	9.67E+00	1.14E+01		U	PCI/L	11/09/2004	GMS	4.56E+01	F	SOS-TL413-04
5GM01401LL	ARA-MON-2	Selenium	4.5		B	U	UG/L	11/09/2004	SW6010B		F	DNT-034-05
5GM01402LL	ARA-MON-2	Selenium	4.9		B	U	UG/L	11/09/2004	SW6010B		F	DNT-034-05
5GM01401LL	ARA-MON-2	Silver	0.835		U		UG/L	11/09/2004	SW6010B		F	DNT-034-05
5GM01402LL	ARA-MON-2	Silver	0.835		U		UG/L	11/09/2004	SW6010B		F	DNT-034-05
5GM01401RH	ARA-MON-2	Silver-108m	1.49E+00	1.05E+00		U	PCI/L	11/09/2004	GMS	5.46E+00	F	SOS-TL413-04
5GM01402RH	ARA-MON-2	Silver-108m	1.26E+00	1.47E+00		U	PCI/L	11/09/2004	GMS	5.49E+00	F	SOS-TL413-04
5GM01401RH	ARA-MON-2	Silver-110m	-8.47E-01	1.32E+00		U	PCI/L	11/09/2004	GMS	4.63E+00	F	SOS-TL413-04
5GM01402RH	ARA-MON-2	Silver-110m	-1.44E+00	1.26E+00		U	PCI/L	11/09/2004	GMS	4.38E+00	F	SOS-TL413-04
5GM01401VG	ARA-MON-2	Styrene	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01402VG	ARA-MON-2	Styrene	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01401AN	ARA-MON-2	Sulfate	19.2				MG/L	11/09/2004	E300		F	DNT-012-05
5GM01402AN	ARA-MON-2	Sulfate	19.1				MG/L	11/09/2004	E300		F	DNT-012-05
5GM01401VG	ARA-MON-2	Tetrachloroethylene	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01402VG	ARA-MON-2	Tetrachloroethylene	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01401VG	ARA-MON-2	Toluene	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01402VG	ARA-MON-2	Toluene	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01401VG	ARA-MON-2	trans-1,2-Dichloroethylene	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01402VG	ARA-MON-2	trans-1,2-Dichloroethylene	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01401VG	ARA-MON-2	trans-1,3-Dichloropropylene	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01402VG	ARA-MON-2	trans-1,3-Dichloropropylene	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01401VG	ARA-MON-2	trans-1,4-Dichloro-2-butene	5		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01402VG	ARA-MON-2	trans-1,4-Dichloro-2-butene	5		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01401VG	ARA-MON-2	Trichloroethylene	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01402VG	ARA-MON-2	Trichloroethylene	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01401VG	ARA-MON-2	Trichlorofluoromethane	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01402VG	ARA-MON-2	Trichlorofluoromethane	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01401R8	ARA-MON-2	Tritium	-3.58E+01	9.09E+01		U	PCI/L	11/09/2004	LSC	3.26E+02	F	SOS-TL411-04

5GM01402R8	ARA-MON-2	Tritium	-1.04E+02	8.50E+01		U	PCI/L	11/09/2004	LSC	3.16E+02	F	SOS-TL411-04
5GM01401RH	ARA-MON-2	Uranium-235	2.38E+00	1.28E+01		U	PCI/L	11/09/2004	GMS	3.89E+01	F	SOS-TL413-04
5GM01402RH	ARA-MON-2	Uranium-235	-3.30E+00	1.07E+01		U	PCI/L	11/09/2004	GMS	3.60E+01	F	SOS-TL413-04
5GM01401VG	ARA-MON-2	Vinyl Acetate	5		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01402VG	ARA-MON-2	Vinyl Acetate	5		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01401VG	ARA-MON-2	Vinyl Chloride	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01402VG	ARA-MON-2	Vinyl Chloride	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01401VG	ARA-MON-2	Xylene (Total)	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01402VG	ARA-MON-2	Xylene (Total)	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01401RH	ARA-MON-2	Zinc-65	-2.79E+00	2.89E+00		U	PCI/L	11/09/2004	GMS	1.03E+01	F	SOS-TL413-04
5GM01402RH	ARA-MON-2	Zinc-65	-4.64E+00	3.11E+00		U	PCI/L	11/09/2004	GMS	9.99E+00	F	SOS-TL413-04
5GM01401RH	ARA-MON-2	Zirconium-95	1.21E+00	3.88E+00		U	PCI/L	11/09/2004	GMS	1.09E+01	F	SOS-TL413-04
5GM01402RH	ARA-MON-2	Zirconium-95	3.54E+00	2.49E+00		U	PCI/L	11/09/2004	GMS	1.03E+01	F	SOS-TL413-04
5GM01501VG	ARA-MON-3A	1,1,1,2-Tetrachloroethane	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01501VG	ARA-MON-3A	1,1,1-Trichloroethane	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01501VG	ARA-MON-3A	1,1,2,2-Tetrachloroethane	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01501VG	ARA-MON-3A	1,1,2-Trichloroethane	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01501VG	ARA-MON-3A	1,1-Dichloroethane	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01501VG	ARA-MON-3A	1,1-Dichloroethylene	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01501VG	ARA-MON-3A	1,2,3-Trichloropropane	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01501VG	ARA-MON-3A	1,2-Dibromo-3-chloropropane	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01501VG	ARA-MON-3A	1,2-Dibromoethane	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01501VG	ARA-MON-3A	1,2-Dichloroethane	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01501VG	ARA-MON-3A	1,2-Dichloropropane	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01501VG	ARA-MON-3A	2-Butanone	5		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01501VG	ARA-MON-3A	2-Chloro-1,3-butadiene	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01501VG	ARA-MON-3A	2-Hexanone	5		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01501VG	ARA-MON-3A	4-Methyl-2-pentanone	5		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01501VG	ARA-MON-3A	Acetone	5		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01501VG	ARA-MON-3A	Acetonitrile	25		U	R	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01501VG	ARA-MON-3A	Acrolein	5		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01501VG	ARA-MON-3A	Acrylonitrile	5		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01501VG	ARA-MON-3A	Allyl chloride	5		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01501RH	ARA-MON-3A	Americium-241	-1.11E+01	1.18E+01		U	PCI/L	11/10/2004	GMS	3.49E+01	F	SOS-TL413-04
5GM01501RH	ARA-MON-3A	Antimony-125	-5.86E+00	3.48E+00		U	PCI/L	11/10/2004	GMS	1.07E+01	F	SOS-TL413-04
5GM01501LL	ARA-MON-3A	Arsenic	2.24		U		UG/L	11/10/2004	SW6010B		F	DNT-034-05
5GM01501LL	ARA-MON-3A	Barium	42		B		UG/L	11/10/2004	SW6010B		F	DNT-034-05
5GM01501VG	ARA-MON-3A	Benzene	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01501AN	ARA-MON-3A	Bromide	0		U		MG/L	11/10/2004	E300		F	DNT-033-05
5GM01501VG	ARA-MON-3A	Bromodichloromethane	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01501VG	ARA-MON-3A	Bromoform	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01501VG	ARA-MON-3A	Bromomethane	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01501LL	ARA-MON-3A	Cadmium	0.54		B		UG/L	11/10/2004	SW6010B		F	DNT-034-05
5GM01501VG	ARA-MON-3A	Carbon disulfide	5		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01501VG	ARA-MON-3A	Carbon tetrachloride	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01501RH	ARA-MON-3A	Cerium-144	1.73E+01	9.23E+00		U	PCI/L	11/10/2004	GMS	3.30E+01	F	SOS-TL413-04
5GM01501RH	ARA-MON-3A	Cesium-134	-1.27E+00	1.42E+00		U	PCI/L	11/10/2004	GMS	4.92E+00	F	SOS-TL413-04
5GM01501RH	ARA-MON-3A	Cesium-137	1.70E+00	1.41E+00		U	PCI/L	11/10/2004	GMS	5.68E+00	F	SOS-TL413-04
5GM01501AN	ARA-MON-3A	Chloride	20.1				MG/L	11/10/2004	E300		F	DNT-033-05
5GM01501VG	ARA-MON-3A	Chlorobenzene	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01501VG	ARA-MON-3A	Chloroethane	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01501VG	ARA-MON-3A	Chloroform	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04

5GM01501VG	ARA-MON-3A	Chloromethane	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04	
5GM01501LL	ARA-MON-3A	Chromium	5		B	UG/L	11/10/2004	SW6010B		F	DNT-034-05	
5GM01501VG	ARA-MON-3A	cis-1,3-Dichloropropylene	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04	
5GM01501RH	ARA-MON-3A	Cobalt-58	2.10E+00	1.39E+00		U	PCI/L	11/10/2004	GMS	5.84E+00	F	SOS-TL413-04
5GM01501RH	ARA-MON-3A	Cobalt-60	-5.12E-01	1.55E+00		U	PCI/L	11/10/2004	GMS	5.86E+00	F	SOS-TL413-04
5GM01501VG	ARA-MON-3A	Dibromochloromethane	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04	
5GM01501VG	ARA-MON-3A	Dibromomethane	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04	
5GM01501VG	ARA-MON-3A	Dichlorodifluoromethane	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04	
5GM01501VG	ARA-MON-3A	Ethylbenzene	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04	
5GM01501RH	ARA-MON-3A	Europium-152	5.85E+00	3.79E+00		U	PCI/L	11/10/2004	GMS	1.47E+01	F	SOS-TL413-04
5GM01501RH	ARA-MON-3A	Europium-154	4.64E+00	4.22E+00		U	PCI/L	11/10/2004	GMS	1.81E+01	F	SOS-TL413-04
5GM01501RH	ARA-MON-3A	Europium-155	-1.92E-01	4.93E+00		U	PCI/L	11/10/2004	GMS	1.80E+01	F	SOS-TL413-04
5GM01501AN	ARA-MON-3A	Fluoride	0.478		J	MG/L	11/10/2004	E300		F	DNT-033-05	
5GM01501RH	ARA-MON-3A	Gross Alpha	2.62E+00	7.62E-01		J	PCI/L	11/10/2004	GAB	2.18E+00	F	SOS-TL413-04
5GM01501RH	ARA-MON-3A	Gross Beta	3.42E+00	8.46E-01		J	PCI/L	11/10/2004	GAB	3.12E+00	F	SOS-TL413-04
5GM01501RI	ARA-MON-3A	Iodine-129	3.15E-02	7.07E-02		U	PCI/L	11/10/2004	GMS	2.73E-01	F	SOS-TL412-04
5GM01501VG	ARA-MON-3A	Iodomethane	5		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04	
5GM01501VG	ARA-MON-3A	Isobutyl alcohol	50		U	R	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01501LL	ARA-MON-3A	Lead	1.72		U	UG/L	11/10/2004	SW6010B		F	DNT-034-05	
5GM01501RH	ARA-MON-3A	Manganese-54	9.36E-01	1.10E+00		U	PCI/L	11/10/2004	GMS	4.54E+00	F	SOS-TL413-04
5GM01501LL	ARA-MON-3A	Mercury	0.0472		U	UG/L	11/10/2004	SW7470A		F	DNT-034-05	
5GM01501VG	ARA-MON-3A	Methyl acrylonitrile	5		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04	
5GM01501VG	ARA-MON-3A	Methylmethacrylate	5		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04	
5GM01501RH	ARA-MON-3A	Niobium-95	-1.35E+00	1.47E+00		U	PCI/L	11/10/2004	GMS	5.10E+00	F	SOS-TL413-04
5GM01501AN	ARA-MON-3A	Nitrate-N	1.35			MG/L	11/10/2004	E300		F	DNT-033-05	
5GM01501AN	ARA-MON-3A	Nitrite-N	0		U	MG/L	11/10/2004	E300		F	DNT-033-05	
5GM01501AN	ARA-MON-3A	O-Phosphate as P	0		U	MG/L	11/10/2004	E300		F	DNT-033-05	
5GM01501VG	ARA-MON-3A	Propionitrile	5		U	R	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01501RH	ARA-MON-3A	Radium-226	6.24E+00	3.39E+00		U	PCI/L	11/10/2004	GMS	8.84E+00	F	SOS-TL413-04
5GM01501RH	ARA-MON-3A	Ruthenium-103	5.49E-03	1.35E+00		U	PCI/L	11/10/2004	GMS	5.14E+00	F	SOS-TL413-04
5GM01501RH	ARA-MON-3A	Ruthenium-106	-3.70E-01	1.24E+01		U	PCI/L	11/10/2004	GMS	4.61E+01	F	SOS-TL413-04
5GM01501LL	ARA-MON-3A	Selenium	3.3		B	U	UG/L	11/10/2004	SW6010B		F	DNT-034-05
5GM01501LL	ARA-MON-3A	Silver	0.835		U	UG/L	11/10/2004	SW6010B		F	DNT-034-05	
5GM01501RH	ARA-MON-3A	Silver-108m	1.04E+00	1.20E+00		U	PCI/L	11/10/2004	GMS	4.78E+00	F	SOS-TL413-04
5GM01501RH	ARA-MON-3A	Silver-110m	1.04E+00	1.23E+00		U	PCI/L	11/10/2004	GMS	4.89E+00	F	SOS-TL413-04
5GM01501VG	ARA-MON-3A	Styrene	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04	
5GM01501AN	ARA-MON-3A	Sulfate	20.8			MG/L	11/10/2004	E300		F	DNT-033-05	
5GM01501VG	ARA-MON-3A	Tetrachloroethylene	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04	
5GM01501VG	ARA-MON-3A	Toluene	11.8			UG/L	11/10/2004	SW8260B		F	DMG-344-04	
5GM01501VG	ARA-MON-3A	trans-1,2-Dichloroethylene	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04	
5GM01501VG	ARA-MON-3A	trans-1,3-Dichloropropylene	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04	
5GM01501VG	ARA-MON-3A	trans-1,4-Dichloro-2-butene	5		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04	
5GM01501VG	ARA-MON-3A	Trichloroethylene	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04	
5GM01501VG	ARA-MON-3A	Trichlorofluoromethane	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04	
5GM01501R8	ARA-MON-3A	Tritium	-3.68E+01	9.35E+01		U	PCI/L	11/10/2004	LSC	3.35E+02	F	SOS-TL411-04
5GM01501RH	ARA-MON-3A	Uranium-235	9.20E+00	9.45E+00		U	PCI/L	11/10/2004	GMS	3.51E+01	F	SOS-TL413-04
5GM01501VG	ARA-MON-3A	Vinyl Acetate	5		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04	
5GM01501VG	ARA-MON-3A	Vinyl Chloride	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04	
5GM01501VG	ARA-MON-3A	Xylene (Total)	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04	
5GM01501RH	ARA-MON-3A	Zinc-65	-1.31E+00	2.78E+00		U	PCI/L	11/10/2004	GMS	1.05E+01	F	SOS-TL413-04
5GM01501RH	ARA-MON-3A	Zirconium-95	1.15E+00	2.48E+00		U	PCI/L	11/10/2004	GMS	9.64E+00	F	SOS-TL413-04
5GM01601VG	ARA-MON-4	1,1,1,2-Tetrachloroethane	1		U	UG/L	11/18/2004	SW8260B		F	JGJ-002-05	

5GM01601VG	ARA-MON-4	1,1,1-Trichloroethane	1		U	UG/L	11/18/2004	SW8260B		F	JGJ-002-05	
5GM01601VG	ARA-MON-4	1,1,2,2-Tetrachloroethane	1		U	UG/L	11/18/2004	SW8260B		F	JGJ-002-05	
5GM01601VG	ARA-MON-4	1,1,2-Trichloroethane	1		U	UG/L	11/18/2004	SW8260B		F	JGJ-002-05	
5GM01601VG	ARA-MON-4	1,1-Dichloroethane	1		U	UG/L	11/18/2004	SW8260B		F	JGJ-002-05	
5GM01601VG	ARA-MON-4	1,1-Dichloroethylene	1		U	UG/L	11/18/2004	SW8260B		F	JGJ-002-05	
5GM01601VG	ARA-MON-4	1,2,3-Trichloropropane	1		U	UG/L	11/18/2004	SW8260B		F	JGJ-002-05	
5GM01601VG	ARA-MON-4	1,2-Dibromo-3-chloropropane	1		U	UG/L	11/18/2004	SW8260B		F	JGJ-002-05	
5GM01601VG	ARA-MON-4	1,2-Dibromoethane	1		U	UG/L	11/18/2004	SW8260B		F	JGJ-002-05	
5GM01601VG	ARA-MON-4	1,2-Dichloroethane	1		U	UG/L	11/18/2004	SW8260B		F	JGJ-002-05	
5GM01601VG	ARA-MON-4	1,2-Dichloropropane	1		U	UG/L	11/18/2004	SW8260B		F	JGJ-002-05	
5GM01601VG	ARA-MON-4	2-Butanone	5		U	UG/L	11/18/2004	SW8260B		F	JGJ-002-05	
5GM01601VG	ARA-MON-4	2-Chloro-1,3-butadiene	1		U	UG/L	11/18/2004	SW8260B		F	JGJ-002-05	
5GM01601VG	ARA-MON-4	2-Hexanone	5		U	UG/L	11/18/2004	SW8260B		F	JGJ-002-05	
5GM01601VG	ARA-MON-4	4-Methyl-2-pentanone	5		U	UG/L	11/18/2004	SW8260B		F	JGJ-002-05	
5GM01601VG	ARA-MON-4	Acetone	5		U	UG/L	11/18/2004	SW8260B		F	JGJ-002-05	
5GM01601VG	ARA-MON-4	Acetonitrile	25		U	UG/L	11/18/2004	SW8260B		F	JGJ-002-05	
5GM01601VG	ARA-MON-4	Acrolein	5		U	UG/L	11/18/2004	SW8260B		F	JGJ-002-05	
5GM01601VG	ARA-MON-4	Acrylonitrile	5		U	UG/L	11/18/2004	SW8260B		F	JGJ-002-05	
5GM01601VG	ARA-MON-4	Allyl chloride	5		U	UG/L	11/18/2004	SW8260B		F	JGJ-002-05	
5GM01601RH	ARA-MON-4	Americium-241	-2.90E+00	7.95E+00		U	PCI/L	11/18/2004	GMS	2.60E+01	F	SOS-TL004-05
5GM01601RH	ARA-MON-4	Antimony-125	1.68E+01	4.76E+00			PCI/L	11/18/2004	GMS	1.37E+01	F	SOS-TL004-05
5GM01601LL	ARA-MON-4	Arsenic	7.9				UG/L	11/18/2004	SW6010B		T	DNT-035-05
5GM01601LL	ARA-MON-4	Barium	36.1		B		UG/L	11/18/2004	SW6010B		T	DNT-035-05
5GM01601VG	ARA-MON-4	Benzene	1		U		UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM01601AN	ARA-MON-4	Bromide	0		U		MG/L	11/18/2004	E300		F	DNT-036-05
5GM01601VG	ARA-MON-4	Bromodichloromethane	1		U		UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM01601VG	ARA-MON-4	Bromoform	1		U		UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM01601VG	ARA-MON-4	Bromomethane	1		U		UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM01601LL	ARA-MON-4	Cadmium	0.74		B		UG/L	11/18/2004	SW6010B		T	DNT-035-05
5GM01601VG	ARA-MON-4	Carbon disulfide	5		U		UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM01601VG	ARA-MON-4	Carbon tetrachloride	1		U		UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM01601RH	ARA-MON-4	Cerium-144	-1.01E+01	8.86E+00		U	PCI/L	11/18/2004	GMS	3.02E+01	F	SOS-TL004-05
5GM01601RH	ARA-MON-4	Cesium-134	1.06E+00	1.26E+00		U	PCI/L	11/18/2004	GMS	5.23E+00	F	SOS-TL004-05
5GM01601RH	ARA-MON-4	Cesium-137	-3.46E-01	1.23E+00		U	PCI/L	11/18/2004	GMS	4.62E+00	F	SOS-TL004-05
5GM01601AN	ARA-MON-4	Chloride	19.4			J	MG/L	11/18/2004	E300		F	DNT-036-05
5GM01601VG	ARA-MON-4	Chlorobenzene	1		U		UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM01601VG	ARA-MON-4	Chloroethane	1		U		UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM01601VG	ARA-MON-4	Chloroform	1		U		UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM01601VG	ARA-MON-4	Chloromethane	1		U		UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM01601LL	ARA-MON-4	Chromium	3.6		B		UG/L	11/18/2004	SW6010B		T	DNT-035-05
5GM01601VG	ARA-MON-4	cis-1,3-Dichloropropylene	1		U		UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM01601RH	ARA-MON-4	Cobalt-58	-2.29E+00	1.44E+00		U	PCI/L	11/18/2004	GMS	4.70E+00	F	SOS-TL004-05
5GM01601RH	ARA-MON-4	Cobalt-60	1.27E+00	1.67E+00		U	PCI/L	11/18/2004	GMS	3.68E+00	F	SOS-TL004-05
5GM01601VG	ARA-MON-4	Dibromochloromethane	1		U		UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM01601VG	ARA-MON-4	Dibromomethane	1		U		UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM01601VG	ARA-MON-4	Dichlorodifluoromethane	1		U		UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM01601VG	ARA-MON-4	Ethylbenzene	1		U		UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM01601RH	ARA-MON-4	Europium-152	-1.36E+00	3.86E+00		U	PCI/L	11/18/2004	GMS	1.34E+01	F	SOS-TL004-05
5GM01601RH	ARA-MON-4	Europium-154	1.21E+00	3.80E+00		U	PCI/L	11/18/2004	GMS	1.53E+01	F	SOS-TL004-05
5GM01601RH	ARA-MON-4	Europium-155	9.47E+00	6.03E+00		U	PCI/L	11/18/2004	GMS	1.71E+01	F	SOS-TL004-05
5GM01601AN	ARA-MON-4	Fluoride	0.501				MG/L	11/18/2004	E300		F	DNT-036-05
5GM01601RH	ARA-MON-4	Gross Alpha	2.22E+00	5.91E-01		J	PCI/L	11/18/2004	GAB	1.58E+00	F	SOS-TL004-05

5GM01601RH	ARA-MON-4	Gross Beta	3.24E+00	7.71E-01		J	PCI/L	11/18/2004	GAB	2.80E+00	F	SOS-TL004-05
5GM01601RI	ARA-MON-4	Iodine-129	-8.64E-03	1.53E-01		U	PCI/L	11/18/2004	GMS	4.95E-01	F	SOS-TL004-05
5GM01601VG	ARA-MON-4	Iodomethane	5		U		UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM01601VG	ARA-MON-4	Isobutyl alcohol	50		U	R	UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM01601LL	ARA-MON-4	Lead	1.72		U		UG/L	11/18/2004	SW6010B		T	DNT-035-05
5GM01601RH	ARA-MON-4	Manganese-54	1.20E+00	1.39E+00		U	PCI/L	11/18/2004	GMS	5.56E+00	F	SOS-TL004-05
5GM01601LL	ARA-MON-4	Mercury	0.0472		U		UG/L	11/18/2004	SW7470A		T	DNT-035-05
5GM01601VG	ARA-MON-4	Methyl acrylonitrile	5		U		UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM01601VG	ARA-MON-4	Methylmethacrylate	5		U		UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM01601RH	ARA-MON-4	Niobium-95	5.19E-02	1.32E+00		U	PCI/L	11/18/2004	GMS	5.03E+00	F	SOS-TL004-05
5GM01601AN	ARA-MON-4	Nitrate-N	1.24				MG/L	11/18/2004	E300		F	DNT-036-05
5GM01601AN	ARA-MON-4	Nitrite-N	0		U		MG/L	11/18/2004	E300		F	DNT-036-05
5GM01601AN	ARA-MON-4	O-Phosphate as P	0		U		MG/L	11/18/2004	E300		F	DNT-036-05
5GM01601VG	ARA-MON-4	Propionitrile	5		U	R	UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM01601RH	ARA-MON-4	Radium-226	1.11E+01	5.41E+00		UJ	PCI/L	11/18/2004	GMS	8.47E+00	F	SOS-TL004-05
5GM01601RH	ARA-MON-4	Ruthenium-103	3.61E-01	1.32E+00		U	PCI/L	11/18/2004	GMS	5.07E+00	F	SOS-TL004-05
5GM01601RH	ARA-MON-4	Ruthenium-106	-5.68E+00	1.02E+01		U	PCI/L	11/18/2004	GMS	3.76E+01	F	SOS-TL004-05
5GM01601LL	ARA-MON-4	Selenium	9.4		B		UG/L	11/18/2004	SW6010B		T	DNT-035-05
5GM01601LL	ARA-MON-4	Silver	0.835		U		UG/L	11/18/2004	SW6010B		T	DNT-035-05
5GM01601RH	ARA-MON-4	Silver-108m	-1.10E+00	1.36E+00		U	PCI/L	11/18/2004	GMS	3.93E+00	F	SOS-TL004-05
5GM01601RH	ARA-MON-4	Silver-110m	1.21E+00	1.27E+00		U	PCI/L	11/18/2004	GMS	4.71E+00	F	SOS-TL004-05
5GM01601VG	ARA-MON-4	Styrene	1		U		UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM01601AN	ARA-MON-4	Sulfate	19.4				MG/L	11/18/2004	E300		F	DNT-036-05
5GM01601VG	ARA-MON-4	Tetrachloroethylene	1		U		UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM01601VG	ARA-MON-4	Toluene	76.1				UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM01601VG	ARA-MON-4	trans-1,2-Dichloroethylene	1		U		UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM01601VG	ARA-MON-4	trans-1,3-Dichloropropylene	1		U		UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM01601VG	ARA-MON-4	trans-1,4-Dichloro-2-butene	5		U		UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM01601VG	ARA-MON-4	Trichloroethylene	1		U		UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM01601VG	ARA-MON-4	Trichlorofluoromethane	1		U		UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM01601R8	ARA-MON-4	Tritium	4.34E+02	1.11E+02		UJ	PCI/L	11/18/2004	LSC	3.42E+02	F	SOS-TL005-05
5GM01601RH	ARA-MON-4	Uranium-235	1.49E+01	1.11E+01		U	PCI/L	11/18/2004	GMS	3.25E+01	F	SOS-TL004-05
5GM01601VG	ARA-MON-4	Vinyl Acetate	5		U		UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM01601VG	ARA-MON-4	Vinyl Chloride	1		U		UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM01601VG	ARA-MON-4	Xylene (Total)	1		U		UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM01601RH	ARA-MON-4	Zinc-65	6.60E-01	2.50E+00		U	PCI/L	11/18/2004	GMS	9.99E+00	F	SOS-TL004-05
5GM01601RH	ARA-MON-4	Zirconium-95	-8.27E-01	2.32E+00		U	PCI/L	11/18/2004	GMS	8.57E+00	F	SOS-TL004-05
5GM01701VG	PBF-MON-1	1,1,1,2-Tetrachloroethane	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01701VG	PBF-MON-1	1,1,1-Trichloroethane	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01701VG	PBF-MON-1	1,1,2,2-Tetrachloroethane	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01701VG	PBF-MON-1	1,1,2-Trichloroethane	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01701VG	PBF-MON-1	1,1-Dichloroethane	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01701VG	PBF-MON-1	1,1-Dichloroethylene	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01701VG	PBF-MON-1	1,2,3-Trichloropropane	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01701VG	PBF-MON-1	1,2-Dibromo-3-chloropropane	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01701VG	PBF-MON-1	1,2-Dibromoethane	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01701VG	PBF-MON-1	1,2-Dichloroethane	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01701VG	PBF-MON-1	1,2-Dichloropropane	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01701VG	PBF-MON-1	2-Butanone	5		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01701VG	PBF-MON-1	2-Chloro-1,3-butadiene	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01701VG	PBF-MON-1	2-Hexanone	5		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01701VG	PBF-MON-1	4-Methyl-2-pentanone	5		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04

5GM01701VG	PBF-MON-1	Acetone	5		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01701VG	PBF-MON-1	Acetonitrile	25		U	R	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01701VG	PBF-MON-1	Acrolein	5		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01701VG	PBF-MON-1	Acrylonitrile	5		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01701VG	PBF-MON-1	Allyl chloride	5		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01701RH	PBF-MON-1	Americium-241	3.05E+00	7.88E+00		U	PCI/L	11/10/2004	GMS	2.69E+01	F	SOS-TL413-04
5GM01701RH	PBF-MON-1	Antimony-125	-2.29E+00	3.49E+00		U	PCI/L	11/10/2004	GMS	1.25E+01	F	SOS-TL413-04
5GM01701LL	PBF-MON-1	Arsenic	2.24		U		UG/L	11/10/2004	SW6010B		F	DNT-034-05
5GM01701LL	PBF-MON-1	Barium	34.3		B		UG/L	11/10/2004	SW6010B		F	DNT-034-05
5GM01701VG	PBF-MON-1	Benzene	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01701AN	PBF-MON-1	Bromide	0		U		MG/L	11/10/2004	E300		F	DNT-033-05
5GM01701VG	PBF-MON-1	Bromodichloromethane	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01701VG	PBF-MON-1	Bromoform	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01701VG	PBF-MON-1	Bromomethane	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01701LL	PBF-MON-1	Cadmium	0.47		B		UG/L	11/10/2004	SW6010B		F	DNT-034-05
5GM01701VG	PBF-MON-1	Carbon disulfide	5		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01701VG	PBF-MON-1	Carbon tetrachloride	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01701RH	PBF-MON-1	Cerium-144	9.17E+00	8.85E+00		U	PCI/L	11/10/2004	GMS	3.26E+01	F	SOS-TL413-04
5GM01701RH	PBF-MON-1	Cesium-134	1.14E+00	1.45E+00		U	PCI/L	11/10/2004	GMS	5.72E+00	F	SOS-TL413-04
5GM01701RH	PBF-MON-1	Cesium-137	9.93E-01	1.44E+00		U	PCI/L	11/10/2004	GMS	5.56E+00	F	SOS-TL413-04
5GM01701AN	PBF-MON-1	Chloride	22.1				MG/L	11/10/2004	E300		F	DNT-033-05
5GM01701VG	PBF-MON-1	Chlorobenzene	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01701VG	PBF-MON-1	Chloroethane	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01701VG	PBF-MON-1	Chloroform	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01701VG	PBF-MON-1	Chloromethane	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01701LL	PBF-MON-1	Chromium	3.3		B		UG/L	11/10/2004	SW6010B		F	DNT-034-05
5GM01701VG	PBF-MON-1	cis-1,3-Dichloropropylene	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01701RH	PBF-MON-1	Cobalt-58	2.48E-01	1.39E+00		U	PCI/L	11/10/2004	GMS	5.23E+00	F	SOS-TL413-04
5GM01701RH	PBF-MON-1	Cobalt-60	2.55E-01	1.29E+00		U	PCI/L	11/10/2004	GMS	5.26E+00	F	SOS-TL413-04
5GM01701VG	PBF-MON-1	Dibromochloromethane	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01701VG	PBF-MON-1	Dibromomethane	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01701VG	PBF-MON-1	Dichlorodifluoromethane	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01701VG	PBF-MON-1	Ethylbenzene	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01701RH	PBF-MON-1	Europium-152	-8.37E-01	4.05E+00		U	PCI/L	11/10/2004	GMS	1.39E+01	F	SOS-TL413-04
5GM01701RH	PBF-MON-1	Europium-154	2.67E+00	4.20E+00		U	PCI/L	11/10/2004	GMS	1.73E+01	F	SOS-TL413-04
5GM01701RH	PBF-MON-1	Europium-155	1.28E+00	4.51E+00		U	PCI/L	11/10/2004	GMS	1.65E+01	F	SOS-TL413-04
5GM01701AN	PBF-MON-1	Fluoride	0.258		J		MG/L	11/10/2004	E300		F	DNT-033-05
5GM01701RH	PBF-MON-1	Gross Alpha	4.54E+00	8.46E-01		J	PCI/L	11/10/2004	GAB	1.91E+00	F	SOS-TL413-04
5GM01701RH	PBF-MON-1	Gross Beta	4.72E+00	8.44E-01		J	PCI/L	11/10/2004	GAB	2.90E+00	F	SOS-TL413-04
5GM01701RI	PBF-MON-1	Iodine-129	9.11E-02	3.69E-02		UJ	PCI/L	11/10/2004	GMS	2.28E-01	F	SOS-TL412-04
5GM01701VG	PBF-MON-1	Iodomethane	5		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01701VG	PBF-MON-1	Isobutyl alcohol	50		U	R	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01701LL	PBF-MON-1	Lead	1.72		U		UG/L	11/10/2004	SW6010B		F	DNT-034-05
5GM01701RH	PBF-MON-1	Manganese-54	7.73E-01	1.45E+00		U	PCI/L	11/10/2004	GMS	5.51E+00	F	SOS-TL413-04
5GM01701LL	PBF-MON-1	Mercury	0.0472		U		UG/L	11/10/2004	SW7470A		F	DNT-034-05
5GM01701VG	PBF-MON-1	Methyl acrylonitrile	5		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01701VG	PBF-MON-1	Methylmethacrylate	5		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01701RH	PBF-MON-1	Niobium-95	-1.48E+00	1.43E+00		U	PCI/L	11/10/2004	GMS	4.81E+00	F	SOS-TL413-04
5GM01701AN	PBF-MON-1	Nitrate-N	0.254		J		MG/L	11/10/2004	E300		F	DNT-033-05
5GM01701AN	PBF-MON-1	Nitrite-N	0		U		MG/L	11/10/2004	E300		F	DNT-033-05
5GM01701AN	PBF-MON-1	O-Phosphate as P	0		U		MG/L	11/10/2004	E300		F	DNT-033-05
5GM01701VG	PBF-MON-1	Propionitrile	5		U	R	UG/L	11/10/2004	SW8260B		F	DMG-344-04

5GM01701RH	PBF-MON-1	Radium-226	3.13E+00	3.37E+00		U	PCI/L	11/10/2004	GMS	7.98E+00	F	SOS-TL413-04
5GM01701RH	PBF-MON-1	Ruthenium-103	-1.21E+00	1.67E+00		U	PCI/L	11/10/2004	GMS	5.86E+00	F	SOS-TL413-04
5GM01701RH	PBF-MON-1	Ruthenium-106	1.62E+01	1.18E+01		U	PCI/L	11/10/2004	GMS	4.76E+01	F	SOS-TL413-04
5GM01701LL	PBF-MON-1	Selenium	2.81			U	UG/L	11/10/2004	SW6010B		F	DNT-034-05
5GM01701LL	PBF-MON-1	Silver	0.835			U	UG/L	11/10/2004	SW6010B		F	DNT-034-05
5GM01701RH	PBF-MON-1	Silver-108m	-8.18E-01	1.22E+00		U	PCI/L	11/10/2004	GMS	4.36E+00	F	SOS-TL413-04
5GM01701RH	PBF-MON-1	Silver-110m	-6.65E-01	1.32E+00		U	PCI/L	11/10/2004	GMS	4.67E+00	F	SOS-TL413-04
5GM01701VG	PBF-MON-1	Styrene	1			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01701AN	PBF-MON-1	Sulfate	18				MG/L	11/10/2004	E300		F	DNT-033-05
5GM01701VG	PBF-MON-1	Tetrachloroethylene	1			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01701VG	PBF-MON-1	Toluene	0.88			J	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01701VG	PBF-MON-1	trans-1,2-Dichloroethylene	1			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01701VG	PBF-MON-1	trans-1,3-Dichloropropylene	1			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01701VG	PBF-MON-1	trans-1,4-Dichloro-2-butene	5			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01701VG	PBF-MON-1	Trichloroethylene	1			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01701VG	PBF-MON-1	Trichlorofluoromethane	1			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01701R8	PBF-MON-1	Tritium	7.19E+01	9.58E+01			PCI/L	11/10/2004	LSC	3.27E+02	F	SOS-TL411-04
5GM01701RH	PBF-MON-1	Uranium-235	1.80E+01	1.05E+01		U	PCI/L	11/10/2004	GMS	3.10E+01	F	SOS-TL413-04
5GM01701VG	PBF-MON-1	Vinyl Acetate	5			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01701VG	PBF-MON-1	Vinyl Chloride	1			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01701VG	PBF-MON-1	Xylene (Total)	1			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01701RH	PBF-MON-1	Zinc-65	8.68E-03	2.71E+00		U	PCI/L	11/10/2004	GMS	1.06E+01	F	SOS-TL413-04
5GM01701RH	PBF-MON-1	Zirconium-95	4.09E-01	2.71E+00		U	PCI/L	11/10/2004	GMS	1.00E+01	F	SOS-TL413-04
5GM01801VG	PBF-MON-3	1,1,1,2-Tetrachloroethane	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01801VG	PBF-MON-3	1,1,1-Trichloroethane	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01801VG	PBF-MON-3	1,1,2,2-Tetrachloroethane	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01801VG	PBF-MON-3	1,1,2-Trichloroethane	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01801VG	PBF-MON-3	1,1-Dichloroethane	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01801VG	PBF-MON-3	1,1-Dichloroethylene	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01801VG	PBF-MON-3	1,2,3-Trichloropropane	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01801VG	PBF-MON-3	1,2-Dibromo-3-chloropropane	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01801VG	PBF-MON-3	1,2-Dibromoethane	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01801VG	PBF-MON-3	1,2-Dichloroethane	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01801VG	PBF-MON-3	1,2-Dichloropropane	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01801VG	PBF-MON-3	2-Butanone	5			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01801VG	PBF-MON-3	2-Chloro-1,3-butadiene	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01801VG	PBF-MON-3	2-Hexanone	5			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01801VG	PBF-MON-3	4-Methyl-2-pentanone	5			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01801VG	PBF-MON-3	Acetone	5			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01801VG	PBF-MON-3	Acetonitrile	25			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01801VG	PBF-MON-3	Acrolein	5			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01801VG	PBF-MON-3	Acrylonitrile	5			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01801VG	PBF-MON-3	Allyl chloride	5			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01801RH	PBF-MON-3	Americium-241	1.72E+00	1.02E+01		U	PCI/L	11/09/2004	GMS	2.62E+01	F	SOS-TL413-04
5GM01801RH	PBF-MON-3	Antimony-125	9.60E+00	5.89E+00		U	PCI/L	11/09/2004	GMS	1.36E+01	F	SOS-TL413-04
5GM01801LL	PBF-MON-3	Arsenic	2.24			U	UG/L	11/09/2004	SW6010B		F	DNT-034-05
5GM01801LL	PBF-MON-3	Barium	51.6			B	UG/L	11/09/2004	SW6010B		F	DNT-034-05
5GM01801VG	PBF-MON-3	Benzene	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01801AN	PBF-MON-3	Bromide	0			U	MG/L	11/09/2004	E300		F	DNT-012-05
5GM01801VG	PBF-MON-3	Bromodichloromethane	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01801VG	PBF-MON-3	Bromoform	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01801VG	PBF-MON-3	Bromomethane	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04

5GM01801LL	PBF-MON-3	Cadmium	0.4			B	UG/L	11/09/2004	SW6010B		F	DNT-034-05	
5GM01801VG	PBF-MON-3	Carbon disulfide	5			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM01801VG	PBF-MON-3	Carbon tetrachloride	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM01801RH	PBF-MON-3	Cerium-144	-7.05E+00	9.57E+00			U	PCI/L	11/09/2004	GMS	3.18E+01	F	SOS-TL413-04
5GM01801RH	PBF-MON-3	Cesium-134	4.53E-01	1.51E+00			U	PCI/L	11/09/2004	GMS	5.76E+00	F	SOS-TL413-04
5GM01801RH	PBF-MON-3	Cesium-137	2.14E+00	1.47E+00			U	PCI/L	11/09/2004	GMS	5.92E+00	F	SOS-TL413-04
5GM01801AN	PBF-MON-3	Chloride	13.9				J	MG/L	11/09/2004	E300		F	DNT-012-05
5GM01801VG	PBF-MON-3	Chlorobenzene	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM01801VG	PBF-MON-3	Chloroethane	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM01801VG	PBF-MON-3	Chloroform	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM01801VG	PBF-MON-3	Chloromethane	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM01801LL	PBF-MON-3	Chromium	7.2			B	UG/L	11/09/2004	SW6010B		F	DNT-034-05	
5GM01801VG	PBF-MON-3	cis-1,3-Dichloropropylene	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM01801RH	PBF-MON-3	Cobalt-58	-7.16E-01	1.47E+00			U	PCI/L	11/09/2004	GMS	5.30E+00	F	SOS-TL413-04
5GM01801RH	PBF-MON-3	Cobalt-60	-4.23E-01	1.38E+00			U	PCI/L	11/09/2004	GMS	5.26E+00	F	SOS-TL413-04
5GM01801VG	PBF-MON-3	Dibromochloromethane	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM01801VG	PBF-MON-3	Dibromomethane	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM01801VG	PBF-MON-3	Dichlorodifluoromethane	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM01801VG	PBF-MON-3	Ethylbenzene	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM01801RH	PBF-MON-3	Europium-152	8.68E-01	4.05E+00			U	PCI/L	11/09/2004	GMS	1.46E+01	F	SOS-TL413-04
5GM01801RH	PBF-MON-3	Europium-154	-3.43E+00	3.81E+00			U	PCI/L	11/09/2004	GMS	1.37E+01	F	SOS-TL413-04
5GM01801RH	PBF-MON-3	Europium-155	-3.26E+00	5.12E+00			U	PCI/L	11/09/2004	GMS	1.73E+01	F	SOS-TL413-04
5GM01801AN	PBF-MON-3	Fluoride	0.325			J	MG/L	11/09/2004	E300		F	DNT-012-05	
5GM01801RH	PBF-MON-3	Gross Alpha	1.27E+00	5.50E-01			UJ	PCI/L	11/09/2004	GAB	1.89E+00	F	SOS-TL413-04
5GM01801RH	PBF-MON-3	Gross Beta	3.53E+00	8.37E-01			J	PCI/L	11/09/2004	GAB	3.05E+00	F	SOS-TL413-04
5GM01801RI	PBF-MON-3	Iodine-129	1.67E-02	3.42E-02			U	PCI/L	11/09/2004	GMS	1.27E-01	F	SOS-TL412-04
5GM01801VG	PBF-MON-3	Iodomethane	5			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM01801VG	PBF-MON-3	Isobutyl alcohol	50			U	R	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01801LL	PBF-MON-3	Lead	1.72			U	UG/L	11/09/2004	SW6010B		F	DNT-034-05	
5GM01801RH	PBF-MON-3	Manganese-54	-2.17E+00	1.12E+00			U	PCI/L	11/09/2004	GMS	3.49E+00	F	SOS-TL413-04
5GM01801LL	PBF-MON-3	Mercury	0.0472			U	UG/L	11/09/2004	SW7470A		F	DNT-034-05	
5GM01801VG	PBF-MON-3	Methyl acrylonitrile	5			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM01801VG	PBF-MON-3	Methylmethacrylate	5			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM01801RH	PBF-MON-3	Niobium-95	2.41E+00	1.71E+00			U	PCI/L	11/09/2004	GMS	6.92E+00	F	SOS-TL413-04
5GM01801AN	PBF-MON-3	Nitrate-N	0.673					MG/L	11/09/2004	E300		F	DNT-012-05
5GM01801AN	PBF-MON-3	Nitrite-N	0			U		MG/L	11/09/2004	E300		F	DNT-012-05
5GM01801AN	PBF-MON-3	O-Phosphate as P	0			U		MG/L	11/09/2004	E300		F	DNT-012-05
5GM01801VG	PBF-MON-3	Propionitrile	5			U	R	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01801RH	PBF-MON-3	Radium-226	1.52E+00	3.25E+00			U	PCI/L	11/09/2004	GMS	8.92E+00	F	SOS-TL413-04
5GM01801RH	PBF-MON-3	Ruthenium-103	-1.00E-01	1.69E+00			U	PCI/L	11/09/2004	GMS	5.97E+00	F	SOS-TL413-04
5GM01801RH	PBF-MON-3	Ruthenium-106	-1.09E+01	1.01E+01			U	PCI/L	11/09/2004	GMS	3.54E+01	F	SOS-TL413-04
5GM01801LL	PBF-MON-3	Selenium	3			B	U	UG/L	11/09/2004	SW6010B		F	DNT-034-05
5GM01801LL	PBF-MON-3	Silver	0.835			U		UG/L	11/09/2004	SW6010B		F	DNT-034-05
5GM01801RH	PBF-MON-3	Silver-108m	3.20E-02	1.19E+00			U	PCI/L	11/09/2004	GMS	4.31E+00	F	SOS-TL413-04
5GM01801RH	PBF-MON-3	Silver-110m	-1.07E-01	1.42E+00			U	PCI/L	11/09/2004	GMS	5.23E+00	F	SOS-TL413-04
5GM01801VG	PBF-MON-3	Styrene	1			U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01801AN	PBF-MON-3	Sulfate	22.8					MG/L	11/09/2004	E300		F	DNT-012-05
5GM01801VG	PBF-MON-3	Tetrachloroethylene	1			U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01801VG	PBF-MON-3	Toluene	1			U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01801VG	PBF-MON-3	trans-1,2-Dichloroethylene	1			U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01801VG	PBF-MON-3	trans-1,3-Dichloropropylene	1			U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM01801VG	PBF-MON-3	trans-1,4-Dichloro-2-butene	5			U		UG/L	11/09/2004	SW8260B		F	DMG-344-04

5GM01801VG	PBF-MON-3	Trichloroethylene	1		U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM01801VG	PBF-MON-3	Trichlorofluoromethane	1		U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM01801R8	PBF-MON-3	Tritium	3.47E+01	9.11E+01		U	PCI/L	11/09/2004	LSC	3.16E+02	F	SOS-TL411-04
5GM01801RH	PBF-MON-3	Uranium-235	4.05E-01	1.13E+01		U	PCI/L	11/09/2004	GMS	3.42E+01	F	SOS-TL413-04
5GM01801VG	PBF-MON-3	Vinyl Acetate	5		U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM01801VG	PBF-MON-3	Vinyl Chloride	1		U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM01801VG	PBF-MON-3	Xylene (Total)	1		U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM01801RH	PBF-MON-3	Zinc-65	2.03E+00	2.59E+00		U	PCI/L	11/09/2004	GMS	1.05E+01	F	SOS-TL413-04
5GM01801RH	PBF-MON-3	Zirconium-95	1.64E+00	2.17E+00		U	PCI/L	11/09/2004	GMS	8.39E+00	F	SOS-TL413-04
5GM01901VG	PBF-MON-4	1,1,1,2-Tetrachloroethane	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04	
5GM01901VG	PBF-MON-4	1,1,1-Trichloroethane	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04	
5GM01901VG	PBF-MON-4	1,1,2,2-Tetrachloroethane	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04	
5GM01901VG	PBF-MON-4	1,1,2-Trichloroethane	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04	
5GM01901VG	PBF-MON-4	1,1-Dichloroethane	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04	
5GM01901VG	PBF-MON-4	1,1-Dichloroethylene	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04	
5GM01901VG	PBF-MON-4	1,2,3-Trichloropropane	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04	
5GM01901VG	PBF-MON-4	1,2-Dibromo-3-chloropropane	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04	
5GM01901VG	PBF-MON-4	1,2-Dibromoethane	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04	
5GM01901VG	PBF-MON-4	1,2-Dichloroethane	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04	
5GM01901VG	PBF-MON-4	1,2-Dichloropropane	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04	
5GM01901VG	PBF-MON-4	2-Butanone	5		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04	
5GM01901VG	PBF-MON-4	2-Chloro-1,3-butadiene	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04	
5GM01901VG	PBF-MON-4	2-Hexanone	5		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04	
5GM01901VG	PBF-MON-4	4-Methyl-2-pentanone	5		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04	
5GM01901VG	PBF-MON-4	Acetone	5		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04	
5GM01901VG	PBF-MON-4	Acetonitrile	25		U	R	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01901VG	PBF-MON-4	Acrolein	5		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04	
5GM01901VG	PBF-MON-4	Acrylonitrile	5		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04	
5GM01901VG	PBF-MON-4	Allyl chloride	5		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04	
5GM01901RH	PBF-MON-4	Americium-241	4.23E+00	7.42E+00		U	PCI/L	11/10/2004	GMS	2.65E+01	F	SOS-TL413-04
5GM01901RH	PBF-MON-4	Antimony-125	6.24E+00	3.80E+00		U	PCI/L	11/10/2004	GMS	1.47E+01	F	SOS-TL413-04
5GM01901LL	PBF-MON-4	Arsenic	2.24		U	UG/L	11/10/2004	SW6010B		F	DNT-034-05	
5GM01901LL	PBF-MON-4	Barium	34.2		B	UG/L	11/10/2004	SW6010B		F	DNT-034-05	
5GM01901VG	PBF-MON-4	Benzene	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04	
5GM01901AN	PBF-MON-4	Bromide	0		U	MG/L	11/10/2004	E300		F	DNT-033-05	
5GM01901VG	PBF-MON-4	Bromodichloromethane	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04	
5GM01901VG	PBF-MON-4	Bromoform	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04	
5GM01901VG	PBF-MON-4	Bromomethane	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04	
5GM01901LL	PBF-MON-4	Cadmium	0.64		B	UG/L	11/10/2004	SW6010B		F	DNT-034-05	
5GM01901VG	PBF-MON-4	Carbon disulfide	5		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04	
5GM01901VG	PBF-MON-4	Carbon tetrachloride	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04	
5GM01901RH	PBF-MON-4	Cerium-144	1.60E+01	9.43E+00		U	PCI/L	11/10/2004	GMS	3.41E+01	F	SOS-TL413-04
5GM01901RH	PBF-MON-4	Cesium-134	3.41E+00	1.49E+00		UJ	PCI/L	11/10/2004	GMS	6.20E+00	F	SOS-TL413-04
5GM01901RH	PBF-MON-4	Cesium-137	2.01E+00	1.14E+00		U	PCI/L	11/10/2004	GMS	4.75E+00	F	SOS-TL413-04
5GM01901AN	PBF-MON-4	Chloride	26.6			MG/L	11/10/2004	E300		F	DNT-033-05	
5GM01901VG	PBF-MON-4	Chlorobenzene	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04	
5GM01901VG	PBF-MON-4	Chloroethane	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04	
5GM01901VG	PBF-MON-4	Chloroform	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04	
5GM01901VG	PBF-MON-4	Chloromethane	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04	
5GM01901LL	PBF-MON-4	Chromium	11.6		B	UG/L	11/10/2004	SW6010B		F	DNT-034-05	
5GM01901VG	PBF-MON-4	cis-1,3-Dichloropropylene	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04	
5GM01901RH	PBF-MON-4	Cobalt-58	-6.01E-01	1.43E+00		U	PCI/L	11/10/2004	GMS	4.98E+00	F	SOS-TL413-04

5GM01901RH	PBF-MON-4	Cobalt-60	-8.81E-01	1.45E+00		U	PCI/L	11/10/2004	GMS	4.46E+00	F	SOS-TL413-04
5GM01901VG	PBF-MON-4	Dibromochloromethane	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01901VG	PBF-MON-4	Dibromomethane	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01901VG	PBF-MON-4	Dichlorodifluoromethane	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01901VG	PBF-MON-4	Ethylbenzene	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01901RH	PBF-MON-4	Europium-152	-6.24E+00	3.82E+00		U	PCI/L	11/10/2004	GMS	1.28E+01	F	SOS-TL413-04
5GM01901RH	PBF-MON-4	Europium-154	-4.49E+00	3.62E+00		U	PCI/L	11/10/2004	GMS	1.23E+01	F	SOS-TL413-04
5GM01901RH	PBF-MON-4	Europium-155	8.11E-01	5.28E+00		U	PCI/L	11/10/2004	GMS	1.82E+01	F	SOS-TL413-04
5GM01901AN	PBF-MON-4	Fluoride	0.305		J		MG/L	11/10/2004	E300		F	DNT-033-05
5GM01901RH	PBF-MON-4	Gross Alpha	3.34E+00	7.90E-01		J	PCI/L	11/10/2004	GAB	2.02E+00	F	SOS-TL413-04
5GM01901RH	PBF-MON-4	Gross Beta	2.86E+00	7.87E-01		J	PCI/L	11/10/2004	GAB	2.93E+00	F	SOS-TL413-04
5GM01901RI	PBF-MON-4	Iodine-129	7.04E-02	6.64E-02		U	PCI/L	11/10/2004	GMS	2.40E-01	F	SOS-TL412-04
5GM01901VG	PBF-MON-4	Iodomethane	5		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01901VG	PBF-MON-4	Isobutyl alcohol	50		U	R	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01901LL	PBF-MON-4	Lead	1.72		U		UG/L	11/10/2004	SW6010B		F	DNT-034-05
5GM01901RH	PBF-MON-4	Manganese-54	-7.11E-01	1.13E+00		U	PCI/L	11/10/2004	GMS	3.56E+00	F	SOS-TL413-04
5GM01901LL	PBF-MON-4	Mercury	0.0472		U		UG/L	11/10/2004	SW7470A		F	DNT-034-05
5GM01901VG	PBF-MON-4	Methyl acrylonitrile	5		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01901VG	PBF-MON-4	Methylmethacrylate	5		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01901RH	PBF-MON-4	Niobium-95	3.07E+00	1.55E+00		U	PCI/L	11/10/2004	GMS	6.37E+00	F	SOS-TL413-04
5GM01901AN	PBF-MON-4	Nitrate-N	0.985				MG/L	11/10/2004	E300		F	DNT-033-05
5GM01901AN	PBF-MON-4	Nitrite-N	0		U		MG/L	11/10/2004	E300		F	DNT-033-05
5GM01901AN	PBF-MON-4	O-Phosphate as P	0		U		MG/L	11/10/2004	E300		F	DNT-033-05
5GM01901VG	PBF-MON-4	Propionitrile	5		U	R	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01901RH	PBF-MON-4	Radium-226	9.90E+00	3.99E+00		UJ	PCI/L	11/10/2004	GMS	9.15E+00	F	SOS-TL413-04
5GM01901RH	PBF-MON-4	Ruthenium-103	-2.68E+00	1.60E+00		U	PCI/L	11/10/2004	GMS	4.31E+00	F	SOS-TL413-04
5GM01901RH	PBF-MON-4	Ruthenium-106	3.81E+01	1.12E+01		J	PCI/L	11/10/2004	GMS	4.14E+01	F	SOS-TL413-04
5GM01901LL	PBF-MON-4	Selenium	4.5		B	U	UG/L	11/10/2004	SW6010B		F	DNT-034-05
5GM01901LL	PBF-MON-4	Silver	0.835		U		UG/L	11/10/2004	SW6010B		F	DNT-034-05
5GM01901RH	PBF-MON-4	Silver-108m	1.79E-01	1.15E+00		U	PCI/L	11/10/2004	GMS	4.23E+00	F	SOS-TL413-04
5GM01901RH	PBF-MON-4	Silver-110m	7.45E-01	1.13E+00		U	PCI/L	11/10/2004	GMS	4.33E+00	F	SOS-TL413-04
5GM01901VG	PBF-MON-4	Styrene	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01901AN	PBF-MON-4	Sulfate	23.8				MG/L	11/10/2004	E300		F	DNT-033-05
5GM01901VG	PBF-MON-4	Tetrachloroethylene	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01901VG	PBF-MON-4	Toluene	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01901VG	PBF-MON-4	trans-1,2-Dichloroethylene	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01901VG	PBF-MON-4	trans-1,3-Dichloropropylene	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01901VG	PBF-MON-4	trans-1,4-Dichloro-2-butene	5		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01901VG	PBF-MON-4	Trichloroethylene	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01901VG	PBF-MON-4	Trichlorofluoromethane	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01901R8	PBF-MON-4	Tritium	-3.64E+01	9.25E+01		U	PCI/L	11/10/2004	LSC	3.31E+02	F	SOS-TL411-04
5GM01901RH	PBF-MON-4	Uranium-235	3.34E+01	2.17E+01		U	PCI/L	11/10/2004	GMS	2.99E+01	F	SOS-TL413-04
5GM01901VG	PBF-MON-4	Vinyl Acetate	5		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01901VG	PBF-MON-4	Vinyl Chloride	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01901VG	PBF-MON-4	Xylene (Total)	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM01901RH	PBF-MON-4	Zinc-65	-2.71E+00	2.70E+00		U	PCI/L	11/10/2004	GMS	9.45E+00	F	SOS-TL413-04
5GM01901RH	PBF-MON-4	Zirconium-95	3.23E+00	2.20E+00		U	PCI/L	11/10/2004	GMS	9.00E+00	F	SOS-TL413-04
5GM02001VG	PBF-MON-5	1,1,1,2-Tetrachloroethane	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02001VG	PBF-MON-5	1,1,1-Trichloroethane	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02001VG	PBF-MON-5	1,1,2,2-Tetrachloroethane	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02001VG	PBF-MON-5	1,1,2-Trichloroethane	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02001VG	PBF-MON-5	1,1-Dichloroethane	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04

5GM02001VG	PBF-MON-5	1,1-Dichloroethylene	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02001VG	PBF-MON-5	1,2,3-Trichloropropane	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02001VG	PBF-MON-5	1,2-Dibromo-3-chloropropane	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02001VG	PBF-MON-5	1,2-Dibromoethane	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02001VG	PBF-MON-5	1,2-Dichloroethane	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02001VG	PBF-MON-5	1,2-Dichloropropane	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02001VG	PBF-MON-5	2-Butanone	5		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02001VG	PBF-MON-5	2-Chloro-1,3-butadiene	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02001VG	PBF-MON-5	2-Hexanone	5		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02001VG	PBF-MON-5	4-Methyl-2-pentanone	5		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02001VG	PBF-MON-5	Acetone	5		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02001VG	PBF-MON-5	Acetonitrile	25		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02001VG	PBF-MON-5	Acrolein	5		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02001VG	PBF-MON-5	Acrylonitrile	5		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02001VG	PBF-MON-5	Allyl chloride	5		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02001RH	PBF-MON-5	Americium-241	1.09E-01	2.49E+00		U	PCI/L	11/10/2004	GMS	8.15E+00	SOS-TL413-04
5GM02001RH	PBF-MON-5	Antimony-125	-7.77E-01	3.82E+00		U	PCI/L	11/10/2004	GMS	1.36E+01	SOS-TL413-04
5GM02001LL	PBF-MON-5	Arsenic	2.24		U	UG/L	11/10/2004	SW6010B		F	DNT-034-05
5GM02001LL	PBF-MON-5	Barium	44.9		B	UG/L	11/10/2004	SW6010B		F	DNT-034-05
5GM02001VG	PBF-MON-5	Benzene	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02001AN	PBF-MON-5	Bromide	0		U	MG/L	11/10/2004	E300		F	DNT-033-05
5GM02001VG	PBF-MON-5	Bromodichloromethane	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02001VG	PBF-MON-5	Bromoform	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02001VG	PBF-MON-5	Bromomethane	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02001LL	PBF-MON-5	Cadmium	0.44		B	UG/L	11/10/2004	SW6010B		F	DNT-034-05
5GM02001VG	PBF-MON-5	Carbon disulfide	5		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02001VG	PBF-MON-5	Carbon tetrachloride	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02001RH	PBF-MON-5	Cerium-144	4.79E+00	8.39E+00		U	PCI/L	11/10/2004	GMS	2.91E+01	SOS-TL413-04
5GM02001RH	PBF-MON-5	Cesium-134	3.23E+00	2.24E+00		U	PCI/L	11/10/2004	GMS	7.70E+00	SOS-TL413-04
5GM02001RH	PBF-MON-5	Cesium-137	4.15E+00	1.65E+00		UJ	PCI/L	11/10/2004	GMS	7.19E+00	SOS-TL413-04
5GM02001AN	PBF-MON-5	Chloride	14.1			J	MG/L	11/10/2004	E300		DNT-033-05
5GM02001VG	PBF-MON-5	Chlorobenzene	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02001VG	PBF-MON-5	Chloroethane	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02001VG	PBF-MON-5	Chloroform	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02001VG	PBF-MON-5	Chloromethane	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02001LL	PBF-MON-5	Chromium	8.9		B	UG/L	11/10/2004	SW6010B		F	DNT-034-05
5GM02001VG	PBF-MON-5	cis-1,3-Dichloropropylene	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02001RH	PBF-MON-5	Cobalt-58	2.91E-01	1.64E+00		U	PCI/L	11/10/2004	GMS	6.34E+00	SOS-TL413-04
5GM02001RH	PBF-MON-5	Cobalt-60	5.49E-01	1.46E+00		U	PCI/L	11/10/2004	GMS	5.71E+00	SOS-TL413-04
5GM02001VG	PBF-MON-5	Dibromochloromethane	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02001VG	PBF-MON-5	Dibromomethane	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02001VG	PBF-MON-5	Dichlorodifluoromethane	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02001VG	PBF-MON-5	Ethylbenzene	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02001RH	PBF-MON-5	Europium-152	2.26E+00	3.48E+00		U	PCI/L	11/10/2004	GMS	1.32E+01	SOS-TL413-04
5GM02001RH	PBF-MON-5	Europium-154	2.99E-01	4.83E+00		U	PCI/L	11/10/2004	GMS	1.94E+01	SOS-TL413-04
5GM02001RH	PBF-MON-5	Europium-155	2.45E+00	3.83E+00		U	PCI/L	11/10/2004	GMS	1.35E+01	SOS-TL413-04
5GM02001AN	PBF-MON-5	Fluoride	0.23		J	MG/L	11/10/2004	E300		F	DNT-033-05
5GM02001RH	PBF-MON-5	Gross Alpha	2.69E+00	7.51E-01		J	PCI/L	11/10/2004	GAB	2.04E+00	SOS-TL413-04
5GM02001RH	PBF-MON-5	Gross Beta	3.94E+00	8.31E-01		J	PCI/L	11/10/2004	GAB	2.92E+00	SOS-TL413-04
5GM02001RI	PBF-MON-5	Iodine-129	5.99E-02	5.25E-02		U	PCI/L	11/10/2004	GMS	2.62E-01	SOS-TL412-04
5GM02001VG	PBF-MON-5	Iodomethane	5		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02001VG	PBF-MON-5	Isobutyl alcohol	50		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04

5GM02001LL	PBF-MON-5	Lead	1.72		U		UG/L	11/10/2004	SW6010B		F	DNT-034-05
5GM02001RH	PBF-MON-5	Manganese-54	8.85E-01	1.77E+00		U	PCI/L	11/10/2004	GMS	6.85E+00	F	SOS-TL413-04
5GM02001LL	PBF-MON-5	Mercury	0.0472		U		UG/L	11/10/2004	SW7470A		F	DNT-034-05
5GM02001VG	PBF-MON-5	Methyl acrylonitrile	5		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02001VG	PBF-MON-5	Methylmethacrylate	5		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02001RH	PBF-MON-5	Niobium-95	-3.73E+00	2.52E+00		U	PCI/L	11/10/2004	GMS	7.11E+00	F	SOS-TL413-04
5GM02001AN	PBF-MON-5	Nitrate-N	0.704				MG/L	11/10/2004	E300		F	DNT-033-05
5GM02001AN	PBF-MON-5	Nitrite-N	0		U		MG/L	11/10/2004	E300		F	DNT-033-05
5GM02001AN	PBF-MON-5	O-Phosphate as P	0		U		MG/L	11/10/2004	E300		F	DNT-033-05
5GM02001VG	PBF-MON-5	Propionitrile	5		U	R	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02001RH	PBF-MON-5	Radium-226	1.30E+01	4.91E+00		UJ	PCI/L	11/10/2004	GMS	1.32E+01	F	SOS-TL413-04
5GM02001RH	PBF-MON-5	Ruthenium-103	5.50E-02	1.86E+00		U	PCI/L	11/10/2004	GMS	6.63E+00	F	SOS-TL413-04
5GM02001RH	PBF-MON-5	Ruthenium-106	9.66E+01	5.17E+01		U	PCI/L	11/10/2004	GMS	4.88E+01	F	SOS-TL413-04
5GM02001LL	PBF-MON-5	Selenium	2.81		U		UG/L	11/10/2004	SW6010B		F	DNT-034-05
5GM02001LL	PBF-MON-5	Silver	0.835		U		UG/L	11/10/2004	SW6010B		F	DNT-034-05
5GM02001RH	PBF-MON-5	Silver-108m	2.60E+00	1.49E+00		U	PCI/L	11/10/2004	GMS	5.88E+00	F	SOS-TL413-04
5GM02001RH	PBF-MON-5	Silver-110m	-1.07E+00	1.40E+00		U	PCI/L	11/10/2004	GMS	5.07E+00	F	SOS-TL413-04
5GM02001VG	PBF-MON-5	Styrene	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02001AN	PBF-MON-5	Sulfate	21.2				MG/L	11/10/2004	E300		F	DNT-033-05
5GM02001VG	PBF-MON-5	Tetrachloroethylene	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02001VG	PBF-MON-5	Toluene	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02001VG	PBF-MON-5	trans-1,2-Dichloroethylene	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02001VG	PBF-MON-5	trans-1,3-Dichloropropylene	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02001VG	PBF-MON-5	trans-1,4-Dichloro-2-butene	5		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02001VG	PBF-MON-5	Trichloroethylene	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02001VG	PBF-MON-5	Trichlorofluoromethane	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02001R8	PBF-MON-5	Tritium	-3.66E+01	9.30E+01		U	PCI/L	11/10/2004	LSC	3.33E+02	F	SOS-TL411-04
5GM02001RH	PBF-MON-5	Uranium-235	1.95E+00	8.95E+00		U	PCI/L	11/10/2004	GMS	2.94E+01	F	SOS-TL413-04
5GM02001VG	PBF-MON-5	Vinyl Acetate	5		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02001VG	PBF-MON-5	Vinyl Chloride	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02001VG	PBF-MON-5	Xylene (Total)	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02001RH	PBF-MON-5	Zinc-65	3.04E+00	3.69E+00		U	PCI/L	11/10/2004	GMS	1.48E+01	F	SOS-TL413-04
5GM02001RH	PBF-MON-5	Zirconium-95	2.43E-01	2.91E+00		U	PCI/L	11/10/2004	GMS	1.12E+01	F	SOS-TL413-04
5GM02401VG	TRIP BLANK	1,1,1,2-Tetrachloroethane	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM02201VG	FIELD BLANK	1,1,1,2-Tetrachloroethane	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02402VG	TRIP BLANK	1,1,1,2-Tetrachloroethane	1		U		UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM02401VG	TRIP BLANK	1,1,1-Trichloroethane	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM02201VG	FIELD BLANK	1,1,1-Trichloroethane	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02402VG	TRIP BLANK	1,1,1-Trichloroethane	1		U		UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM02401VG	TRIP BLANK	1,1,2-Tetrachloroethane	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM02201VG	FIELD BLANK	1,1,2-Tetrachloroethane	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02402VG	TRIP BLANK	1,1,2-Tetrachloroethane	1		U		UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM02401VG	TRIP BLANK	1,1,2-Trichloroethane	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM02201VG	FIELD BLANK	1,1,2-Trichloroethane	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02402VG	TRIP BLANK	1,1,2-Trichloroethane	1		U		UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM02401VG	TRIP BLANK	1,1-Dichloroethane	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM02201VG	FIELD BLANK	1,1-Dichloroethane	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02402VG	TRIP BLANK	1,1-Dichloroethane	1		U		UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM02401VG	TRIP BLANK	1,1-Dichloroethylene	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM02201VG	FIELD BLANK	1,1-Dichloroethylene	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02402VG	TRIP BLANK	1,1-Dichloroethylene	1		U		UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM02401VG	TRIP BLANK	1,2,3-Trichloropropane	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04

5GM02201VG	FIELD BLANK	1,2,3-Trichloropropane	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04	
5GM02402VG	TRIP BLANK	1,2,3-Trichloropropane	1		U	UG/L	11/18/2004	SW8260B		F	JGJ-002-05	
5GM02401VG	TRIP BLANK	1,2-Dibromo-3-chloropropane	1		U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM02201VG	FIELD BLANK	1,2-Dibromo-3-chloropropane	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04	
5GM02402VG	TRIP BLANK	1,2-Dibromo-3-chloropropane	1		U	UG/L	11/18/2004	SW8260B		F	JGJ-002-05	
5GM02401VG	TRIP BLANK	1,2-Dibromoethane	1		U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM02201VG	FIELD BLANK	1,2-Dibromoethane	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04	
5GM02402VG	TRIP BLANK	1,2-Dibromoethane	1		U	UG/L	11/18/2004	SW8260B		F	JGJ-002-05	
5GM02401VG	TRIP BLANK	1,2-Dichloroethane	1		U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM02201VG	FIELD BLANK	1,2-Dichloroethane	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04	
5GM02402VG	TRIP BLANK	1,2-Dichloroethane	1		U	UG/L	11/18/2004	SW8260B		F	JGJ-002-05	
5GM02401VG	TRIP BLANK	1,2-Dichloropropane	1		U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM02201VG	FIELD BLANK	1,2-Dichloropropane	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04	
5GM02402VG	TRIP BLANK	1,2-Dichloropropane	1		U	UG/L	11/18/2004	SW8260B		F	JGJ-002-05	
5GM02401VG	TRIP BLANK	2-Butanone	5		U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM02201VG	FIELD BLANK	2-Butanone	5		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04	
5GM02402VG	TRIP BLANK	2-Butanone	5		U	UG/L	11/18/2004	SW8260B		F	JGJ-002-05	
5GM02401VG	TRIP BLANK	2-Chloro-1,3-butadiene	1		U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM02201VG	FIELD BLANK	2-Chloro-1,3-butadiene	1		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04	
5GM02402VG	TRIP BLANK	2-Chloro-1,3-butadiene	1		U	UG/L	11/18/2004	SW8260B		F	JGJ-002-05	
5GM02401VG	TRIP BLANK	2-Hexanone	1.6		J	J	UG/L	11/09/2004	SW8260B	F	DMG-344-04	
5GM02201VG	FIELD BLANK	2-Hexanone	5		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04	
5GM02402VG	TRIP BLANK	2-Hexanone	5		U	UG/L	11/18/2004	SW8260B		F	JGJ-002-05	
5GM02401VG	TRIP BLANK	4-Methyl-2-pentanone	5		U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM02201VG	FIELD BLANK	4-Methyl-2-pentanone	5		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04	
5GM02402VG	TRIP BLANK	4-Methyl-2-pentanone	5		U	UG/L	11/18/2004	SW8260B		F	JGJ-002-05	
5GM02401VG	TRIP BLANK	Acetone	5		U	UG/L	11/09/2004	SW8260B		F	DMG-344-04	
5GM02201VG	FIELD BLANK	Acetone	5		U	UG/L	11/10/2004	SW8260B		F	DMG-344-04	
5GM02402VG	TRIP BLANK	Acetone	5		U	UG/L	11/18/2004	SW8260B		F	JGJ-002-05	
5GM02401VG	TRIP BLANK	Acetonitrile	25		U	R	UG/L	11/09/2004	SW8260B	F	DMG-344-04	
5GM02201VG	FIELD BLANK	Acetonitrile	25		U	R	UG/L	11/10/2004	SW8260B	F	DMG-344-04	
5GM02402VG	TRIP BLANK	Acetonitrile	25		U	R	UG/L	11/18/2004	SW8260B	F	JGJ-002-05	
5GM02401VG	TRIP BLANK	Acrolein	5		U		UG/L	11/09/2004	SW8260B	F	DMG-344-04	
5GM02201VG	FIELD BLANK	Acrolein	5		U		UG/L	11/10/2004	SW8260B	F	DMG-344-04	
5GM02402VG	TRIP BLANK	Acrolein	5		U	R	UG/L	11/18/2004	SW8260B	F	JGJ-002-05	
5GM02401VG	TRIP BLANK	Acrylonitrile	5		U		UG/L	11/09/2004	SW8260B	F	DMG-344-04	
5GM02201VG	FIELD BLANK	Acrylonitrile	5		U		UG/L	11/10/2004	SW8260B	F	DMG-344-04	
5GM02402VG	TRIP BLANK	Acrylonitrile	5		U		UG/L	11/18/2004	SW8260B	F	JGJ-002-05	
5GM02401VG	TRIP BLANK	Allyl chloride	5		U		UG/L	11/09/2004	SW8260B	F	DMG-344-04	
5GM02201VG	FIELD BLANK	Allyl chloride	5		U		UG/L	11/10/2004	SW8260B	F	DMG-344-04	
5GM02402VG	TRIP BLANK	Allyl chloride	5		U		UG/L	11/18/2004	SW8260B	F	JGJ-002-05	
5GM02201RH	FIELD BLANK	Americium-241	-1.15E+01	8.38E+00		U	PCI/L	11/10/2004	GMS	2.82E+01	F	SOS-TL413-04
5GM02201RH	FIELD BLANK	Antimony-125	8.42E-01	3.53E+00		U	PCI/L	11/10/2004	GMS	1.29E+01	F	SOS-TL413-04
5GM02201LL	FIELD BLANK	Arsenic	2.24		U		UG/L	11/10/2004	SW6010B	F	DNT-034-05	
5GM02201LL	FIELD BLANK	Barium	0.222		U		UG/L	11/10/2004	SW6010B	F	DNT-034-05	
5GM02401VG	TRIP BLANK	Benzene	1		U		UG/L	11/09/2004	SW8260B	F	DMG-344-04	
5GM02201VG	FIELD BLANK	Benzene	1		U		UG/L	11/10/2004	SW8260B	F	DMG-344-04	
5GM02402VG	TRIP BLANK	Benzene	1		U		UG/L	11/18/2004	SW8260B	F	JGJ-002-05	
5GM02301AN	EQUIPMNT RINSTE	Bromide	0		U		MG/L	11/10/2004	E300	F	DNT-033-05	
5GM02201AN	FIELD BLANK	Bromide	0		U		MG/L	11/10/2004	E300	F	DNT-033-05	
5GM02401VG	TRIP BLANK	Bromodichloromethane	1		U		UG/L	11/09/2004	SW8260B	F	DMG-344-04	
5GM02201VG	FIELD BLANK	Bromodichloromethane	1		U		UG/L	11/10/2004	SW8260B	F	DMG-344-04	

5GM02402VG	TRIP BLANK	Bromodichloromethane	1			U	UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM02401VG	TRIP BLANK	Bromoform	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM02201VG	FIELD BLANK	Bromoform	1			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02402VG	TRIP BLANK	Bromoform	1			U	UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM02401VG	TRIP BLANK	Bromomethane	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM02201VG	FIELD BLANK	Bromomethane	1			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02402VG	TRIP BLANK	Bromomethane	1			U	UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM02201LL	FIELD BLANK	Cadmium	0.313			U	UG/L	11/10/2004	SW6010B		F	DNT-034-05
5GM02401VG	TRIP BLANK	Carbon disulfide	5			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM02201VG	FIELD BLANK	Carbon disulfide	5			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02402VG	TRIP BLANK	Carbon disulfide	5			U	UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM02401VG	TRIP BLANK	Carbon tetrachloride	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM02201VG	FIELD BLANK	Carbon tetrachloride	1			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02402VG	TRIP BLANK	Carbon tetrachloride	1			U	UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM02201RH	FIELD BLANK	Cerium-144	-1.50E+01	1.01E+01		U	PCI/L	11/10/2004	GMS	3.25E+01	F	SOS-TL413-04
5GM02201RH	FIELD BLANK	Cesium-134	-1.26E+00	1.53E+00		U	PCI/L	11/10/2004	GMS	5.36E+00	F	SOS-TL413-04
5GM02201RH	FIELD BLANK	Cesium-137	-1.04E+00	1.38E+00		U	PCI/L	11/10/2004	GMS	4.90E+00	F	SOS-TL413-04
5GM02301AN	EQUIPMNT RINSTE	Chloride	0			U	MG/L	11/10/2004	E300		F	DNT-033-05
5GM02201AN	FIELD BLANK	Chloride	0			U	MG/L	11/10/2004	E300		F	DNT-033-05
5GM02401VG	TRIP BLANK	Chlorobenzene	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM02201VG	FIELD BLANK	Chlorobenzene	1			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02402VG	TRIP BLANK	Chlorobenzene	1			U	UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM02401VG	TRIP BLANK	Chloroethane	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM02201VG	FIELD BLANK	Chloroethane	1			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02402VG	TRIP BLANK	Chloroethane	1			U	UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM02401VG	TRIP BLANK	Chloroform	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM02201VG	FIELD BLANK	Chloroform	1			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02402VG	TRIP BLANK	Chloroform	1			U	UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM02401VG	TRIP BLANK	Chloromethane	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM02201VG	FIELD BLANK	Chloromethane	1			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02402VG	TRIP BLANK	Chloromethane	1			U	UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM02201LL	FIELD BLANK	Chromium	0.503			U	UG/L	11/10/2004	SW6010B		F	DNT-034-05
5GM02401VG	TRIP BLANK	cis-1,3-Dichloropropylene	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM02201VG	FIELD BLANK	cis-1,3-Dichloropropylene	1			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02402VG	TRIP BLANK	cis-1,3-Dichloropropylene	1			U	UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM02201RH	FIELD BLANK	Cobalt-58	-4.69E-01	1.10E+00		U	PCI/L	11/10/2004	GMS	4.08E+00	F	SOS-TL413-04
5GM02201RH	FIELD BLANK	Cobalt-60	1.91E+00	1.38E+00		U	PCI/L	11/10/2004	GMS	6.05E+00	F	SOS-TL413-04
5GM02401VG	TRIP BLANK	Dibromochloromethane	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM02201VG	FIELD BLANK	Dibromochloromethane	1			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02402VG	TRIP BLANK	Dibromochloromethane	1			U	UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM02401VG	TRIP BLANK	Dibromomethane	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM02201VG	FIELD BLANK	Dibromomethane	1			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02402VG	TRIP BLANK	Dibromomethane	1			U	UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM02401VG	TRIP BLANK	Dichlorodifluoromethane	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM02201VG	FIELD BLANK	Dichlorodifluoromethane	1			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02402VG	TRIP BLANK	Dichlorodifluoromethane	1			U	UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM02401VG	TRIP BLANK	Ethylbenzene	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM02201VG	FIELD BLANK	Ethylbenzene	1			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02402VG	TRIP BLANK	Ethylbenzene	1			U	UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM02201RH	FIELD BLANK	Europium-152	-1.87E+00	4.42E+00		U	PCI/L	11/10/2004	GMS	1.35E+01	F	SOS-TL413-04
5GM02201RH	FIELD BLANK	Europium-154	-1.54E+00	4.48E+00		U	PCI/L	11/10/2004	GMS	1.67E+01	F	SOS-TL413-04
5GM02201RH	FIELD BLANK	Europium-155	5.20E+00	5.29E+00		U	PCI/L	11/10/2004	GMS	1.88E+01	F	SOS-TL413-04

5GM02301AN	EQUIPMNT RINSTE	Fluoride	0		U		MG/L	11/10/2004	E300		F	DNT-033-05
5GM02201AN	FIELD BLANK	Fluoride	0		U		MG/L	11/10/2004	E300		F	DNT-033-05
5GM02201RH	FIELD BLANK	Gross Alpha	-1.45E+00	5.80E-01		UJ	PCI/L	11/10/2004	GAB	3.11E+00	F	SOS-TL413-04
5GM02201RH	FIELD BLANK	Gross Beta	-1.31E+00	6.06E-01		UJ	PCI/L	11/10/2004	GAB	2.92E+00	F	SOS-TL413-04
5GM02201RI	FIELD BLANK	Iodine-129	8.39E-02	9.17E-02		U	PCI/L	11/10/2004	GMS	3.19E-01	F	SOS-TL412-04
5GM02401VG	TRIP BLANK	Iodomethane	5		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM02201VG	FIELD BLANK	Iodomethane	5		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02402VG	TRIP BLANK	Iodomethane	5		U		UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM02401VG	TRIP BLANK	Isobutyl alcohol	50		U	R	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM02201VG	FIELD BLANK	Isobutyl alcohol	50		U	R	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02402VG	TRIP BLANK	Isobutyl alcohol	50		U	R	UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM02201LL	FIELD BLANK	Lead	1.72		U		UG/L	11/10/2004	SW6010B		F	DNT-034-05
5GM02201RH	FIELD BLANK	Manganese-54	-1.94E+00	1.26E+00		U	PCI/L	11/10/2004	GMS	4.14E+00	F	SOS-TL413-04
5GM02201LL	FIELD BLANK	Mercury	0.0472		U		UG/L	11/10/2004	SW7470A		F	DNT-034-05
5GM02401VG	TRIP BLANK	Methyl acrylonitrile	5		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM02201VG	FIELD BLANK	Methyl acrylonitrile	5		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02402VG	TRIP BLANK	Methyl acrylonitrile	5		U		UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM02401VG	TRIP BLANK	Methylmethacrylate	5		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM02201VG	FIELD BLANK	Methylmethacrylate	5		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02402VG	TRIP BLANK	Methylmethacrylate	5		U		UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM02201RH	FIELD BLANK	Niobium-95	1.19E+00	1.43E+00		U	PCI/L	11/10/2004	GMS	5.73E+00	F	SOS-TL413-04
5GM02301AN	EQUIPMNT RINSTE	Nitrate-N	0		U		MG/L	11/10/2004	E300		F	DNT-033-05
5GM02201AN	FIELD BLANK	Nitrate-N	0		U		MG/L	11/10/2004	E300		F	DNT-033-05
5GM02301AN	EQUIPMNT RINSTE	Nitrite-N	0		U		MG/L	11/10/2004	E300		F	DNT-033-05
5GM02201AN	FIELD BLANK	Nitrite-N	0		U		MG/L	11/10/2004	E300		F	DNT-033-05
5GM02301AN	EQUIPMNT RINSTE	O-Phosphate as P	0		U		MG/L	11/10/2004	E300		F	DNT-033-05
5GM02201AN	FIELD BLANK	O-Phosphate as P	0		U		MG/L	11/10/2004	E300		F	DNT-033-05
5GM02401VG	TRIP BLANK	Propionitrile	5		U	R	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM02201VG	FIELD BLANK	Propionitrile	5		U	R	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02402VG	TRIP BLANK	Propionitrile	5		U	R	UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM02201RH	FIELD BLANK	Radium-226	7.99E+00	4.99E+00		U	PCI/L	11/10/2004	GMS	9.68E+00	F	SOS-TL413-04
5GM02201RH	FIELD BLANK	Ruthenium-103	-2.23E+00	1.54E+00		U	PCI/L	11/10/2004	GMS	4.93E+00	F	SOS-TL413-04
5GM02201RH	FIELD BLANK	Ruthenium-106	-1.07E+01	1.18E+01		U	PCI/L	11/10/2004	GMS	4.19E+01	F	SOS-TL413-04
5GM02201LL	FIELD BLANK	Selenium	3.7		B	U	UG/L	11/10/2004	SW6010B		F	DNT-034-05
5GM02201LL	FIELD BLANK	Silver	0.835		U		UG/L	11/10/2004	SW6010B		F	DNT-034-05
5GM02201RH	FIELD BLANK	Silver-108m	1.47E+00	1.43E+00		U	PCI/L	11/10/2004	GMS	5.33E+00	F	SOS-TL413-04
5GM02201RH	FIELD BLANK	Silver-110m	1.29E+00	1.18E+00		U	PCI/L	11/10/2004	GMS	4.77E+00	F	SOS-TL413-04
5GM02401VG	TRIP BLANK	Styrene	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM02201VG	FIELD BLANK	Styrene	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02402VG	TRIP BLANK	Styrene	1		U		UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM02301AN	EQUIPMNT RINSTE	Sulfate	0		U		MG/L	11/10/2004	E300		F	DNT-033-05
5GM02201AN	FIELD BLANK	Sulfate	0		U		MG/L	11/10/2004	E300		F	DNT-033-05
5GM02401VG	TRIP BLANK	Tetrachloroethylene	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM02201VG	FIELD BLANK	Tetrachloroethylene	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02402VG	TRIP BLANK	Tetrachloroethylene	1		U		UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM02401VG	TRIP BLANK	Toluene	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM02201VG	FIELD BLANK	Toluene	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02402VG	TRIP BLANK	Toluene	1		U		UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM02401VG	TRIP BLANK	trans-1,2-Dichloroethylene	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM02201VG	FIELD BLANK	trans-1,2-Dichloroethylene	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02402VG	TRIP BLANK	trans-1,2-Dichloroethylene	1		U		UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM02401VG	TRIP BLANK	trans-1,3-Dichloropropylene	1		U		UG/L	11/09/2004	SW8260B		F	DMG-344-04

5GM02201VG	FIELD BLANK	trans-1,3-Dichloropropylene	1			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02402VG	TRIP BLANK	trans-1,3-Dichloropropylene	1			U	UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM02401VG	TRIP BLANK	trans-1,4-Dichloro-2-butene	5			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM02201VG	FIELD BLANK	trans-1,4-Dichloro-2-butene	5			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02402VG	TRIP BLANK	trans-1,4-Dichloro-2-butene	5			U	UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM02401VG	TRIP BLANK	Trichloroethylene	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM02201VG	FIELD BLANK	Trichloroethylene	1			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02402VG	TRIP BLANK	Trichloroethylene	1			U	UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM02401VG	TRIP BLANK	Trichlorofluoromethane	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM02201VG	FIELD BLANK	Trichlorofluoromethane	1			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02402VG	TRIP BLANK	Trichlorofluoromethane	1			U	UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM02201R8	FIELD BLANK	Tritium	3.43E+01	9.00E+01		U	PCI/L	11/10/2004	LSC	3.12E+02	F	SOS-TL411-04
5GM02201RH	FIELD BLANK	Uranium-235	-1.82E+00	1.09E+01		U	PCI/L	11/10/2004	GMS	3.26E+01	F	SOS-TL413-04
5GM02401VG	TRIP BLANK	Vinyl Acetate	5			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM02201VG	FIELD BLANK	Vinyl Acetate	5			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02402VG	TRIP BLANK	Vinyl Acetate	5			U	UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM02401VG	TRIP BLANK	Vinyl Chloride	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM02201VG	FIELD BLANK	Vinyl Chloride	1			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02402VG	TRIP BLANK	Vinyl Chloride	1			U	UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM02401VG	TRIP BLANK	Xylene (Total)	1			U	UG/L	11/09/2004	SW8260B		F	DMG-344-04
5GM02201VG	FIELD BLANK	Xylene (Total)	1			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02402VG	TRIP BLANK	Xylene (Total)	1			U	UG/L	11/18/2004	SW8260B		F	JGJ-002-05
5GM02201RH	FIELD BLANK	Zinc-65	-5.10E+00	3.01E+00		U	PCI/L	11/10/2004	GMS	9.31E+00	F	SOS-TL413-04
5GM02201RH	FIELD BLANK	Zirconium-95	-2.02E+00	2.13E+00		U	PCI/L	11/10/2004	GMS	7.50E+00	F	SOS-TL413-04
5GM02101VG	SPERT-1	1,1,1,2-Tetrachloroethane	1			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02101VG	SPERT-1	1,1,1-Trichloroethane	1			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02101VG	SPERT-1	1,1,2,2-Tetrachloroethane	1			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02101VG	SPERT-1	1,1,2-Trichloroethane	1			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02101VG	SPERT-1	1,1-Dichloroethane	1			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02101VG	SPERT-1	1,1-Dichloroethylene	1			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02101VG	SPERT-1	1,2,3-Trichloropropane	1			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02101VG	SPERT-1	1,2-Dibromo-3-chloropropane	1			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02101VG	SPERT-1	1,2-Dibromoethane	1			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02101VG	SPERT-1	1,2-Dichloroethane	1			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02101VG	SPERT-1	1,2-Dichloropropane	1			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02101VG	SPERT-1	2-Butanone	5			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02101VG	SPERT-1	2-Chloro-1,3-butadiene	1			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02101VG	SPERT-1	2-Hexanone	5			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02101VG	SPERT-1	4-Methyl-2-pentanone	5			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02101VG	SPERT-1	Acetone	5			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02101VG	SPERT-1	Acetonitrile	25			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02101VG	SPERT-1	Acrolein	5			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02101VG	SPERT-1	Acrylonitrile	5			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02101VG	SPERT-1	Allyl chloride	5			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02101RH	SPERT-1	Americium-241	2.79E+01	1.33E+01		UJ	PCI/L	11/10/2004	GMS	4.49E+01	F	SOS-TL413-04
5GM02101RH	SPERT-1	Antimony-125	4.80E+00	3.78E+00		U	PCI/L	11/10/2004	GMS	1.49E+01	F	SOS-TL413-04
5GM02101LL	SPERT-1	Arsenic	2.24			U	UG/L	11/10/2004	SW6010B		F	DNT-034-05
5GM02101LL	SPERT-1	Barium	54.6			B	UG/L	11/10/2004	SW6010B		F	DNT-034-05
5GM02101VG	SPERT-1	Benzene	1			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02101AN	SPERT-1	Bromide	0			U	MG/L	11/10/2004	E300		F	DNT-033-05
5GM02101VG	SPERT-1	Bromodichloromethane	1			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02101VG	SPERT-1	Bromoform	1			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04

5GM02101VG	SPERT-1	Bromomethane	1			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02101LL	SPERT-1	Cadmium	0.67			B	UG/L	11/10/2004	SW6010B		F	DNT-034-05
5GM02101VG	SPERT-1	Carbon disulfide	5			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02101VG	SPERT-1	Carbon tetrachloride	1			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02101RH	SPERT-1	Cerium-144	-9.84E+00	1.10E+01		U	PCI/L	11/10/2004	GMS	3.58E+01	F	SOS-TL413-04
5GM02101RH	SPERT-1	Cesium-134	-9.33E-01	1.60E+00		U	PCI/L	11/10/2004	GMS	5.60E+00	F	SOS-TL413-04
5GM02101RH	SPERT-1	Cesium-137	1.37E+00	1.57E+00		U	PCI/L	11/10/2004	GMS	6.10E+00	F	SOS-TL413-04
5GM02101AN	SPERT-1	Chloride	23.2				MG/L	11/10/2004	E300		F	DNT-033-05
5GM02101VG	SPERT-1	Chlorobenzene	1			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02101VG	SPERT-1	Chloroethane	1			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02101VG	SPERT-1	Chloroform	1			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02101VG	SPERT-1	Chloromethane	1			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02101LL	SPERT-1	Chromium	7.8			B	UG/L	11/10/2004	SW6010B		F	DNT-034-05
5GM02101VG	SPERT-1	cis-1,3-Dichloropropylene	1			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02101RH	SPERT-1	Cobalt-58	1.31E+00	1.52E+00		U	PCI/L	11/10/2004	GMS	6.25E+00	F	SOS-TL413-04
5GM02101RH	SPERT-1	Cobalt-60	2.50E+00	2.05E+00		U	PCI/L	11/10/2004	GMS	7.87E+00	F	SOS-TL413-04
5GM02101VG	SPERT-1	Dibromochloromethane	1			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02101VG	SPERT-1	Dibromomethane	1			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02101VG	SPERT-1	Dichlorodifluoromethane	1			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02101VG	SPERT-1	Ethylbenzene	1			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02101RH	SPERT-1	Europium-152	4.44E+00	4.39E+00		U	PCI/L	11/10/2004	GMS	1.67E+01	F	SOS-TL413-04
5GM02101RH	SPERT-1	Europium-154	-1.34E+00	3.67E+00		U	PCI/L	11/10/2004	GMS	1.42E+01	F	SOS-TL413-04
5GM02101RH	SPERT-1	Europium-155	-3.86E+00	6.40E+00		U	PCI/L	11/10/2004	GMS	2.13E+01	F	SOS-TL413-04
5GM02101AN	SPERT-1	Fluoride	0.278			J	MG/L	11/10/2004	E300		F	DNT-033-05
5GM02101RH	SPERT-1	Gross Alpha	1.94E+00	6.03E-01		J	PCI/L	11/10/2004	GAB	1.82E+00	F	SOS-TL413-04
5GM02101RH	SPERT-1	Gross Beta	1.61E+00	7.77E-01		UJ	PCI/L	11/10/2004	GAB	3.13E+00	F	SOS-TL413-04
5GM02101RI	SPERT-1	Iodine-129	-1.81E-02	9.31E-02		U	PCI/L	11/10/2004	GMS	3.31E-01	F	SOS-TL412-04
5GM02101VG	SPERT-1	Iodomethane	5			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02101VG	SPERT-1	Isobutyl alcohol	50			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02101LL	SPERT-1	Lead	1.72			U	UG/L	11/10/2004	SW6010B		F	DNT-034-05
5GM02101RH	SPERT-1	Manganese-54	-5.08E-01	1.04E+00		U	PCI/L	11/10/2004	GMS	4.00E+00	F	SOS-TL413-04
5GM02101LL	SPERT-1	Mercury	0.0472			U	UG/L	11/10/2004	SW7470A		F	DNT-034-05
5GM02101VG	SPERT-1	Methyl acrylonitrile	5			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02101VG	SPERT-1	Methylmethacrylate	5			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02101RH	SPERT-1	Niobium-95	-3.32E+00	1.85E+00		U	PCI/L	11/10/2004	GMS	5.64E+00	F	SOS-TL413-04
5GM02101AN	SPERT-1	Nitrate-N	1.03				MG/L	11/10/2004	E300		F	DNT-033-05
5GM02101AN	SPERT-1	Nitrite-N	0			U	MG/L	11/10/2004	E300		F	DNT-033-05
5GM02101AN	SPERT-1	O-Phosphate as P	0			U	MG/L	11/10/2004	E300		F	DNT-033-05
5GM02101VG	SPERT-1	Propionitrile	5			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02101RH	SPERT-1	Radium-226	3.19E+00	4.10E+00		U	PCI/L	11/10/2004	GMS	1.35E+01	F	SOS-TL413-04
5GM02101RH	SPERT-1	Ruthenium-103	-1.02E-01	1.54E+00		U	PCI/L	11/10/2004	GMS	5.64E+00	F	SOS-TL413-04
5GM02101RH	SPERT-1	Ruthenium-106	2.62E+00	1.32E+01		U	PCI/L	11/10/2004	GMS	4.91E+01	F	SOS-TL413-04
5GM02101LL	SPERT-1	Selenium	5			B	UG/L	11/10/2004	SW6010B		F	DNT-034-05
5GM02101LL	SPERT-1	Silver	0.835			U	UG/L	11/10/2004	SW6010B		F	DNT-034-05
5GM02101RH	SPERT-1	Silver-108m	-1.92E+00	1.43E+00		U	PCI/L	11/10/2004	GMS	4.76E+00	F	SOS-TL413-04
5GM02101RH	SPERT-1	Silver-110m	-2.63E-01	1.37E+00		U	PCI/L	11/10/2004	GMS	4.97E+00	F	SOS-TL413-04
5GM02101VG	SPERT-1	Styrene	1			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02101AN	SPERT-1	Sulfate	23.4				MG/L	11/10/2004	E300		F	DNT-033-05
5GM02101VG	SPERT-1	Tetrachloroethylene	1			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02101VG	SPERT-1	Toluene	1			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02101VG	SPERT-1	trans-1,2-Dichloroethylene	1			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02101VG	SPERT-1	trans-1,3-Dichloropropylene	1			U	UG/L	11/10/2004	SW8260B		F	DMG-344-04

5GM02101VG	SPERT-1	trans-1,4-Dichloro-2-butene	5		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02101VG	SPERT-1	Trichloroethylene	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02101VG	SPERT-1	Trichlorofluoromethane	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02101R8	SPERT-1	Tritium	0.00E+00	9.08E+01		U	PCI/L	11/10/2004	LSC	3.20E+02	F	SOS-TL411-04
5GM02101RH	SPERT-1	Uranium-235	-2.05E+00	1.22E+01		U	PCI/L	11/10/2004	GMS	4.08E+01	F	SOS-TL413-04
5GM02101VG	SPERT-1	Vinyl Acetate	5		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02101VG	SPERT-1	Vinyl Chloride	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02101VG	SPERT-1	Xylene (Total)	1		U		UG/L	11/10/2004	SW8260B		F	DMG-344-04
5GM02101RH	SPERT-1	Zinc-65	-1.99E+00	3.12E+00		U	PCI/L	11/10/2004	GMS	1.14E+01	F	SOS-TL413-04
5GM02101RH	SPERT-1	Zirconium-95	1.51E+00	2.52E+00		U	PCI/L	11/10/2004	GMS	9.90E+00	F	SOS-TL413-04

Appendix B

**Quality Assurance/Quality Control
Sample Results**

Appendix B

Quality Assurance/Quality Control Sample Results

B-1. QUALITY ASSURANCE/QUALITY CONTROL SAMPLING

The purpose of collecting and analyzing quality assurance/quality control samples is to confirm the achievement of project objectives and data quality objectives. The overall objectives associated with the Waste Area Group 5 annual groundwater monitoring are discussed in the *Groundwater Monitoring Plan for the Waste Area Group 5 Remedial Action* (DOE-ID 2004). The overall objectives and quality assurance or quality control sample results for the Fiscal Year (FY) 2005 sampling effort are discussed in the following subsections.

B-1.1 Precision and Accuracy

The spatial variations in the concentrations of contaminants at individual sites create sampling variability. Additional variability, called measurement error, occurs during sample collection, handling, processing, analysis, quality evaluation, and reporting. Concentrations of contaminants reported represent the true concentrations in the media sampled plus the measurement error, which can be minimized but not eliminated. Though measurement error might not be significant in many cases, it is important to assess/compare the contribution of measurement error to the total error in individual investigations. The analytical results of quality control samples are used to estimate accuracy and precision, the quantitative descriptions of measurement error, and bias.

B-1.1.1 Overall Precision

Precision is a measure of the reproducibility of measurements under a given set of conditions. In the field, precision is affected by sample collection procedures and by the natural heterogeneity of the matrix. Overall precision (field and laboratory) can be evaluated by the use of duplicate samples collected in the field. Greater precision is typically required for analytes with very low action levels that are close to background concentrations. Allowable laboratory precision for water samples is defined as having a relative percent difference (RPD) of less than or equal to 20%. Field precision is the difference between overall precision and laboratory precision. Table B-1 summarizes the precision for the FY 2005 round of groundwater monitoring. Using the following formula, the RPD was calculated only for samples that were true positive values for both the initial sample and the field duplicate:

$$RPD = \frac{|S - D|}{\frac{S + D}{2}} \times 100 \quad (B-1)$$

where

S = sample

D = duplicate.

Table B-1. Overall precision for Fiscal Year 2005 analytical data.

Analyte	Sample	Duplicate	Units	RPD (%)
Barium	38.6	38	µg/L	1.57
Cadmium	0.5	0.65	µg/L	26.09
Chloride	19.4	19	mg/L	2.08
Chromium	4.3	4.2	µg/L	2.35
Fluoride	0.528	0.49	mg/L	7.47
Gross Beta	4.44E+00	5.85E+00	pCi/L	27.41
Nitrate-N	1.21	1.22	mg/L	0.82
Selenium	14.7	13.4	µg/L	9.25
Sulfate	19.2	19.1	mg/L	0.52

RPD = relative percent difference

As can be seen from the data in Table B-1, the RPD only exceeds 20% for the two analytes near the detection limits, gross beta and cadmium; therefore, the overall precision of the FY 2005 data is considered acceptable.

B-1.1.2 Overall Accuracy

Accuracy is a measure of bias in a measurement system. Accuracy is affected by the methods used for sample preservation, sample handling, field contamination, and the sample matrix. The effects of the first three are evaluated using the field blank, trip blank, and equipment rinsate results. The presence of a contaminant in the field blank, trip blank, or rinsate reveals that cross-contamination has occurred.

Laboratory accuracy is ensured through the use of standard methods and the use of calibration standards from the National Institute for Standards and Technology. All instrumentation is calibrated before use in accordance with the procedures outlined in the analytical methods required by the Idaho National Laboratory (INL) Sample and Analysis Management (SAM) statements of work. Laboratory accuracy is assessed through the use of matrix spikes and laboratory control samples. The number of laboratory quality control samples is specified in the analytical methods employed and in the INL SAM statements of work. Evaluation criteria for the quality control samples are specified in data-validation technical procedures administered by the INL SAM Office. Samples analyzed in accordance with U.S. Environmental Protection Agency (EPA) Contract Laboratory Program protocol also are validated in accordance with that protocol. For the FY 2005 data set, the overall accuracy of the analyses is acceptable.

B-1.1.3 Representativeness

Representativeness is a qualitative parameter that expresses the degree to which the sampling and analysis data accurately and precisely represent the characteristic of a population parameter being measured at a given sampling point or for a process or environmental condition. Representativeness is evaluated by determining whether field data and physical samples were collected in such a manner that the resulting data appropriately measure the media and phenomenon to be studied.

For the FY 2005 sampling activity, all measurements were obtained in accordance with established EPA and INL SAM protocol. Trained personnel used established INL procedures to collect the physical samples.

B-1.1.4 Completeness

Completeness is a measure of the quantity of usable data collected during the field sampling activities. The Groundwater Monitoring Plan (DOE-ID 2004) requires an overall completeness goal of 90% for this project. For FY 2005, nine wells were sampled with a total of 63 possible analyses (seven per well). All possible analyses were completed, resulting in a completeness of 100%.

B-1.1.5 Comparability

Comparability is a qualitative characteristic that refers to the confidence with which one data set can be compared to another. At a minimum, comparable data must be obtained using unbiased sampling designs. If sampling designs are biased, the reasons for selecting another design should be well documented. Data comparability for this sampling activity was ensured through the following efforts:

- All data sets contained the same variables of interest.
- All measurements were taken and results reported using common units.
- Similar analytical procedures and quality assurance measures have been used.
- All field and laboratory instrumentation had similar or better detection limits than those historically used.
- All samples were collected following established INL procedures.
- Wells selected for sampling are identical to those historically chosen.

Samples were collected in the November timeframe, which was similar to the FY 2004 sampling but different from historical sampling rounds that occurred in April, July/August, October, and January. However, historical data collected at other INL sites indicate that contaminant concentrations are unaffected by seasonal factors. In an effort to negate any effect that changes in groundwater levels due to snowmelt and runoff might have on data collected, this and future sampling rounds will be conducted at approximately the same time of year.

B-1.2 Data Validation

Method data validation is the process whereby analytical data are reviewed against set criteria to ensure that the results conform to the requirements of the analytical method and any other specified requirements. For the FY 2005 sampling activity, all laboratory data were validated according to established INL SAM and EPA protocols. The limitations and validation reports were previously transmitted to the Agencies (EPA and DEQ) in January 2005. No major problems were identified during this method validation process.

B-2. REFERENCE

DOE-ID, 2004, *Groundwater Monitoring Plan for the Waste Area Group 5 Remedial Action*, DOE/ID-10779, Rev. 2, U.S. Department of Energy Idaho Operations Office, September 2004.