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Waste Area Group 10, Operable Unit 10-08, Remedial Investigation/Feasibility Study Annual Status Report for Fiscal Year 2005

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ABSTRACT

This report provides a status of the progress made in Fiscal Year 2005 on tasks identified in the *Waste Area Group 10, Operable Unit 10-08, Remedial Investigation/Feasibility Study Work Plan*. Major accomplishments include (1) completion of the *Idaho National Engineering and Environmental Laboratory Operable Unit 10-08 Sitewide Groundwater Model Summary Report;* (2) update of the Sitewide groundwater level contour map using data from a mass water level measuring event in June 2005; (3) update of the Groundwater Monitoring and Field Sampling Plan of Operable Unit 10-08; (4) revision of MCP-3448, "Inclusion of New Sites under the Federal Facility Agreement and Consent Order"; and (5) groundwater sampling and review of the groundwater monitoring data. Several tasks scheduled for Fiscal Year 2005 were not funded and will be rescheduled in future years.

CONTENTS

ABSTRACT iii

ACRONYMS vii

1. INTRODUCTION 1

2. OPERABLE UNIT 10-08 DATA COLLECTION AND OTHER ACTIVITIES PERFORMED IN FISCAL YEAR 2005 7

   2.1 Groundwater Monitoring Results 7

   2.2 Geochemical Study Results 19

   2.3 Well Drilling 19

   2.4 Sitewide Water Level Measurements 20

   2.5 Progress on Sitewide Groundwater Model 22

      2.5.1 Groundwater Modeling Goals and Scope 23
      2.5.2 Tasks Completed 23

3. ACTIVITIES FOR FISCAL YEAR 2006 27

   3.1 Recurring Tasks and Tasks Carried Over from Previous Annual Reports 27

   3.2 Well Drilling Tasks 27

   3.3 Sitewide Groundwater Model 28

   3.4 Waste Area Group 10 Monitoring Plan 29

4. SUMMARY 30

5. REFERENCES 31

Appendix A—Analytical Results from Fiscal Year 2005 Groundwater Sampling A-1

Appendix B—Geochemical Study B-1

Appendix C—Sitewide Groundwater Level Data from the June 2005 Measuring Event C-1

Appendix D—External Peer Review of OU 10-08 (WAG 10) RI/FS Sitewide Groundwater Model D-1

FIGURES

1. Idaho National Laboratory Site baseline, boundary, guard, and distal wells sampled in June and July 2005 9

2. Plot of conductivity values for select wells 11

3. Tritium concentrations over time for USGS-104 and USGS-106 16

4. Zinc concentrations at select wells that have galvanized riser pipes 19

5. Updated water table map based on the June 2005 data set 22

TABLES

1. Activities planned for or performed in Fiscal Year 2005 by task identified in the Operable Unit 10-08 Remedial Investigation/Feasibility Study Work Plan (DOE-ID 2002a) 3

2. Well construction summary for WAG 10 wells 8

3. Summary of field-measured parameters 10

4. Summary of sampling results for tritium, gross alpha, and gross beta 12

5. Summary of sampling results for uranium and uranium isotopes 14

6. Summary of inorganic results 17

7. Summary of WAG modeling 25

ACRONYMS

AMS	accelerator mass spectrometry
ARA	Auxiliary Reactor Area
bgs	below ground surface
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFA	Central Facilities Area
CITRC	Critical Infrastructure Test Range Complex
DOE	Department of Energy
DOE Idaho	Department of Energy Idaho Operations Office
EDW	Environmental Data Warehouse
EPA	Environmental Protection Agency
FFA/CO	Federal Facility Agreement and Consent Order
FRG	final remediation goal
FY	fiscal year
GMS	groundwater model system
ICP	Idaho Cleanup Project
INEEL	Idaho National Engineering and Environmental Laboratory
INL	Idaho National Laboratory
INTEC	Idaho Nuclear Technology and Engineering Center
MCL	maximum contaminant level
MCP	management control procedure
MFC	Materials and Fuels Complex
NA	not applicable
NRF	Naval Reactors Facility
OU	operable unit
RI/FS	remedial investigation/feasibility study
ROD	Record of Decision
RTC	Reactor Technology Complex
RWMC	Radioactive Waste Management Complex
SLAP	Standard Light Arctic Precipitating

SRPA	Snake River Plain Aquifer
STF	Security Training Facility
TAN	Test Area North
TDEM	time domain electromagnetic
TSF	Technical Support Facility
USC	United States Code
USGS	United States Geological Survey
UXO	unexploded ordnance
VCDT	Vienna Canyon Diablo Triolite
VES	vertical electric sounding
VSMOW	Vienna Standard Mean Ocean Water
WAG	waste area group

Waste Area Group 10, Operable Unit 10-08, Remedial Investigation/Feasibility Study Annual Status Report for Fiscal Year 2005

1. INTRODUCTION

The purpose of Waste Area Group (WAG) 10, Operable Unit (OU) 10-08, is the comprehensive evaluation of impacts to groundwater from operations at the Idaho National Laboratory (INL) Site. Some of these operations have introduced radioactive and hazardous contaminants into the environment, and a number of these contaminants have been found in the Snake River Plain Aquifer (SRPA). The potential impacts to the groundwater from INL Site activities are being thoroughly investigated as part of the OU 10-08 remedial investigation/feasibility study (RI/FS). The requirement for this annual report was established in the WAG 10 OU 10-08 Remedial Investigation /Feasibility Study Work Plan (DOE-ID 2002a).

Waste Area Group 10 was created in accordance with the *Federal Facility Agreement and Consent Order for the Idaho National Engineering Laboratory* (DOE-ID 1991) and the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) (42 USC § 9601 et seq.), as amended by the Superfund Amendments and Reauthorization Act (Public Law 99-499). The OU 10-08 RI/FS will not follow the normal timeframe allocated under the Federal Facility Agreement and Consent Order (FFA/CO). The *Waste Area Group 10, Operable Unit 10-08, Remedial Investigation/Feasibility Study Work Plan (FINAL)* (DOE-ID 2002a) describes the enforceable milestone schedule for OU 10-08 and the final deliverable date for the OU 10-08 Record of Decision (ROD). The OU 10-08 ROD is expected to be the last ROD completed at the INL Site, and the deliverable date depends on when the other WAGs' RODs are signed.

Waste Area Group 10 encompasses miscellaneous surface contamination sites and liquid disposal areas that are located throughout the INL Site but outside its nine major facility areas. These facility areas comprise the other nine INL Site WAGs. Operable Unit 10-08 addresses INL-related issues that are associated with the SRPA but are not addressed under the purview of the other WAGs. In addition, OU 10-08 includes new sites discovered within other WAGs after their RODs have been signed. The FFA/CO action plan (DOE-ID 1991) established a process that will continue to be followed for evaluating new sites. Characterization of these sites will follow the Track 1 or Track 2 process, as applicable.

The comprehensive nature and scope of OU 10-08 necessitate that monitoring data be collected over many years and long-term integration be maintained among individual WAGs to ensure that all data needed are available for the OU 10-08 RI/FS. The large area of the OU 10-08 domain and the long groundwater travel times require long-term monitoring of water quality and water levels to adequately characterize the SRPA for risk assessment calculations. In addition, it is critical that the OU 10-08 numerical and conceptual model be interfaced with the other individual WAG models to create a comprehensive understanding of the aquifer flow regime, contaminant sources, and contaminant transport in the SRPA. An integrated understanding of the overall health of the SRPA beneath the INL Site is critical for communicating INL Site impacts to others who use SRPA water.

The work scope of the OU 10-08 RI/FS is based on filling data gaps originally identified in the OU 10-08 RI/FS Work Plan (DOE-ID 2002a). The activities in the work scope are necessary to characterize and assess INL Sitewide groundwater risks and will ultimately be used in support of the OU 10-08 ROD. It is important to note that many of the tasks done under the OU 10-08 RI/FS also support individual WAGs. For instance, the groundwater flow characteristics and INL-scale subsurface stratigraphy are used as boundary conditions for the smaller "windows" in the SRPA studied by individual WAGs. In addition, assessment of intermingling plumes between the Idaho Nuclear Technology and Engineering Center (INTEC) and the Radioactive Waste Management Complex (RWMC) will impact risk assessment calculations. The tasks identified in the OU 10-08 RI/FS Work Plan and the progress made toward their completion in Fiscal Year (FY) 2005 are summarized in Table 1.

Table 1. Activities planned for or performed in Fiscal Year 2005 by task identified in the Operable Unit 10-08 Remedial Investigation/Feasibility Study Work Plan (DOE-ID 2002a).

Description	Status	Comments
Task 1: Development of a Comprehensive Groundwater Sample Results Database		
Develop a comprehensive database of groundwater samples.	Completed in FY 2004.	With a few exceptions, all data from the Environmental Restoration Information System have been entered into the Environmental Data Warehouse (EDW). Data that were not put into the previous database are occasionally discovered and entered into EDW. All data collected in the future will be entered into EDW.
Task 2: Evaluate Groundwater Chemistry Data		
Evaluate the groundwater data in relation to the monitoring network of 27 wells with the information incorporated into the annual OU 10-08 RI/FS report.	Ongoing.	Monitoring data have been reviewed for FY 2005. This task will continue on an annual basis.
Evaluate groundwater quality records to select wells with suitable analytical histories for groundwater model calibration. Trends from the selected wells will be updated with new data as it becomes available and compared to current groundwater model predictions.	Planned for FY 2006 through FY 2008.	This task was not initiated in FY 2005 because the work scope was not funded. This task will begin in FY-06 and continue in parallel with model development for the RI/FS.
Evaluate risk from contaminants of concern to groundwater, incorporating currently available data.	An INL-scale evaluation is planned for future years. The facility-scale evaluation is ongoing.	This work is to take place after individual WAGs have transferred monitoring responsibilities to WAG 10. Currently, the draft OU 3-14 ROD is scheduled for December 31, 2006, and the draft WAG 7 ROD is scheduled for December 31, 2007. The OU 3-14 ROD is a working schedule date, while the WAG 7 ROD is an enforceable milestone date. Evaluations of contaminants of concern in the perched-water zones and aquifers at various facilities were reviewed to establish familiarity with the conditions at these facilities and to maintain institutional knowledge.

Table 1. (continued).

Description	Status	Comments
Revise the *Groundwater Monitoring and Field Sampling Plan of Operable Unit 10-08* (DOE-ID 2005a) to incorporate sampling in support of the new deep core holes that will be converted to monitoring wells.	Planned for FY 2006.	The drilling of additional core holes has been identified as a data gap for development of the Sitewide groundwater flow model. Groundwater monitoring plans will be prepared (or amended, as appropriate) upon well installation and sampling.
Task 3: Evaluate Alternative Groundwater Sampling and Purging Methodology		
Evaluate alternative groundwater well sampling and purging methodology.	Completed in FY 2003.	See the *Waste Area Group 10, Operable Unit 10-08, Remedial Investigation/Feasibility Study Annual Report for Fiscal Year 2003* (DOE-ID 2004a).
Task 4: Evaluate Potentially Commingled Plumes		
Evaluate potentially commingled plumes, incorporating annual data.	Ongoing. Sampling for geochemical study to address issue of commingling plumes performed in FY 2005.	Work necessary to complete this task is discussed in the *Idaho National Engineering and Environmental Laboratory Operable Unit 10-08 Sitewide Groundwater Model Work Plan* (DOE-ID 2004b). Evaluation of commingling plumes will be completed after the Sitewide numerical model is completed.
Task 5: Evaluate Groundwater Quality for Current Compliance with Maximum Contaminant Levels or Other Risk-Based Concentrations		
Task 5 provides for the evaluation of groundwater on a Sitewide basis.	To be conducted in future years.	This activity will be conducted after WAG 10 assumes responsibility for the individual WAGs. The transition dates of the other WAGs into WAG 10 is undetermined at this time. The timing of the transition will be defined during preparation of the WAG 10 ROD. Currently, WAG 10 personnel review the applicable documents (e.g., annual monitoring reports and 5-year reviews) to remain familiar with conditions at these WAGs.

Table 1. (continued).

Description	Status	Comments
Task 6: Methods to Incorporate New Sites into WAG 10, OU 10-08		
Review the procedures for incorporating new sites into WAG 10.	Completed in FY 2004.	"Inclusion of New Sites under the Federal Facility Agreement and Consent Order" (MCP-3448) was revised in FY 2004. Documents or procedures used to incorporate new sites into WAG 10 will be reviewed and updated when requirements change or when otherwise determined to be necessary.
Task 7: Evaluation of Phytoremediation of Mercury in Soils at Site TSF-08		
Reevaluate the final remediation goal for mercury for both human and ecological receptors based on new toxicity, fate, and transport guidance from the U.S. Environmental Protection Agency (EPA).	This task will be included in the FY 2006 annual report.	This was called out as a task for FY 2005 but was not completed because the work scope was not funded.
Task 8: Revise Sitewide Groundwater Model		
Revise the Sitewide groundwater model.	In progress.	This task is addressed in the *Idaho National Engineering and Environmental Laboratory Sitewide Groundwater Model Work Plan* (DOE-ID 2004b).
Task 9: Institutional Controls		
The development of comprehensive Sitewide institutional controls resides within the *Remedial Design/Remedial Action Work Plan for Operable Units 6-05 and 10-04, Phase I* (DOE-ID 2004c), as directed by the *Record of Decision Experimental Breeder Reactor-I/Boiling Water Reactor Experiment Area and Miscellaneous Sites* (DOE-ID 2002b).	*INEEL Sitewide Institutional Controls Plan* was completed in FY 2004. Annual report summarizing institutional controls assessment for FY 2005 was completed. (DOE-ID 2005b).	The *INEEL Sitewide Institutional Controls Plan* (DOE-ID 2004d) was completed as part of the *Remedial Design/Remedial Action Work Plan for Operable Units 6-05 and 10-04, Phase I* (DOE-ID 2004c). The *Comprehensive Facility & Land Use Plan* (INEEL 2005).
Task 10: Risk Evaluation for Groundwater		
This task will be among the last completed during the OU 10-08 RI/FS. The risk assessment will be completed to determine risk on the WAG 10 scale, incorporating up-to-date numerical modeling efforts and analytical data.	Ongoing.	Currently, WAG 10 is interfacing with individual WAGs in order to incorporate the work and findings of individual WAGs into the Sitewide groundwater model used for the risk assessment.

Table 1. (continued).

Description	Status	Comments
Task 11: Verification of Water Level Measuring Points		
The correct water level measuring points, casing stick-ups, and well surveys for all wells used for Sitewide groundwater monitoring will be verified.	Ongoing.	During FY 2005, casing stick-ups and measuring points were verified during the Sitewide groundwater level measurement event in June 2005. Task 11 is ongoing.

EDW = Environmental Data Warehouse
FY = fiscal year
INEEL = Idaho National Engineering and Environmental Laboratory
INL = Idaho National Laboratory
MCP = management control procedure
OU = operable unit
RI/FS = remedial investigation/feasibility study
ROD = Record of Decision
TSF = Technical Support Facility
WAG = waste area group

2. OPERABLE UNIT 10-08 DATA COLLECTION AND OTHER ACTIVITIES PERFORMED IN FISCAL YEAR 2005

The WAG 10 field sampling activities are planned and approved by the Agencies (DOE, EPA, and IDEQ) through the preparation of formal work planning documents, e.g., the Groundwater Monitoring Plan (DOE-ID 2005a) and Idaho National Engineering and Environmental Laboratory Sitewide Groundwater Model Work Plan (DOE-ID 2004b). Progress under the controlling documents is tracked during semimonthly conference calls with the Agencies. As required to meet program objectives, the controlling documents are modified in revisions. The results of the groundwater monitoring effort for FY 2005 and progress on the groundwater flow model in FY 2005 are discussed in the following sections.

2.1 Groundwater Monitoring Results

The groundwater monitoring task in FY 2005 included gathering, reviewing, and organizing available water quality and construction data for the 23 wells that are currently being monitored annually and four wells that are monitored every 2 years under the purview of OU 10-08. The wells sampled are divided into four groups: boundary, guard, baseline, and distal. The downgradient boundary wells and guard wells are considered the most important to fill data gaps. The baseline wells are for evaluating potential impacts of off-Site sources migrating on-Site. The distal wells are intended to evaluate off-Site downgradient impacts. The collected data are being used to evaluate groundwater quality at the scale of the INL Site for the OU 10-08 RI/FS and for preparation of parameter trends for model calibration and compliance monitoring. In FY 2005, well construction information was reviewed and compiled as part of a revision to the field sampling plan (Table 2) (DOE-ID 2005a). The well locations sampled in 2005 are plotted on Figure 1.

Sampling was conducted in accordance with the *Groundwater Monitoring and Field Sampling Plan of Operable Unit 10-08* (DOE-ID 2005a), and wells were sampled for the analytes listed on the sampling and analysis plan tables in Appendix A of that plan. Twenty-seven wells were sampled for volatile organic compounds (Appendix IX target analyte list), metals (filtered), anions (including bicarbonate), and radionuclides (I-129, tritium, Tc-99, gross alpha, gross beta, gamma spectrometry, uranium isotopes, and Sr-90) during June and July 2005. Full analytical results for each well are provided in Appendix A of this report. In addition to the 27 wells sampled as part of the regular WAG 10 sampling, eight aquifer wells, two lysimeters, and one perched well were sampled for the geochemical study called out in the monitoring plan (DOE-ID 2005a). The analytical results of the geochemical study are also included in Appendix A.

The data for field-measured parameters (including temperature, pH, and conductivity) are summarized in Table 3. In addition, Table 2 includes completion well construction information, including screen/open interval, pump depth, and approximate water level at the time of sampling. The data for field parameters are included because abnormal pH (high or low) and high-conductivity values can be used as indicators of contamination. The conductivity trends over time for select wells are shown in Figure 2. Wells USGS-004 and USGS-027 have higher conductivity values than the other wells (Table 3 and Figure 2). USGS-004 and USGS-027 are probably influenced by off-Site factors because groundwater gradients indicate flow onto the INL at these locations.

Table 2. Well construction summary for WAG 10 wells.

Well Identifier[a]	Well Name	Screened or Open Hole (ft)	Pump Depth (ft)[b]
		Boundary Wells	
450	USGS-001	600 to 630 perforated	612
458	USGS-009	620 to 650 perforated	635
535	USGS-086	48 to 691 open hole	678
550	USGS-101	750 to 865 perforated	790
552	USGS-103	575 to 760 open hole	700
554	USGS-105	400 to 800 open hole	700
557	USGS-108	400 to 760 open hole	637
558	USGS-109	600 to 800 open hole	656
559	USGS-110	580 to 780 open hole	612
		Guard Wells	
184	Highway 3	680 to 750 perforated	567
451	USGS-002	675 to 696 perforated	683
549	USGS-100	662 to 750 open hole	693
553	USGS-104	550 to 700 open hole	592
555	USGS-106	605 to 760 open hole	609
556	USGS-107	270 to 690 open hole	531
		Baseline Wells	
453	USGS-004	285 to 315 perforated 322 to 553 open hole	303
457	USGS-008	782 to 812 perforated	801
468	USGS-019	284 to 305 perforated	322
475	USGS-026	232 to 266.5 perforated	255
476	USGS-027	250 to 260 perforated 298 to 308 perforated	262
1346	USGS-126B	400 to 452 open hole	420
147	DH-1B	380 to 400 open hole	No pump
250	P&W-3	322 to 401 perforated	No pump
		Distal Wells	
460	USGS-011	672.5 to 703.8 perforated	687
463	USGS-014	720 to 746 perforated	739
987	USGS-124	750 to 800 slotted	Not found[c]
988	USGS-125	620 to 774 slotted	700

a. The well identifier is from the Hydrologic Data Repository.
b. The pump depth is the depth to the top of the pump.
c. Pump depth was not found on well construction record for USGS-124.

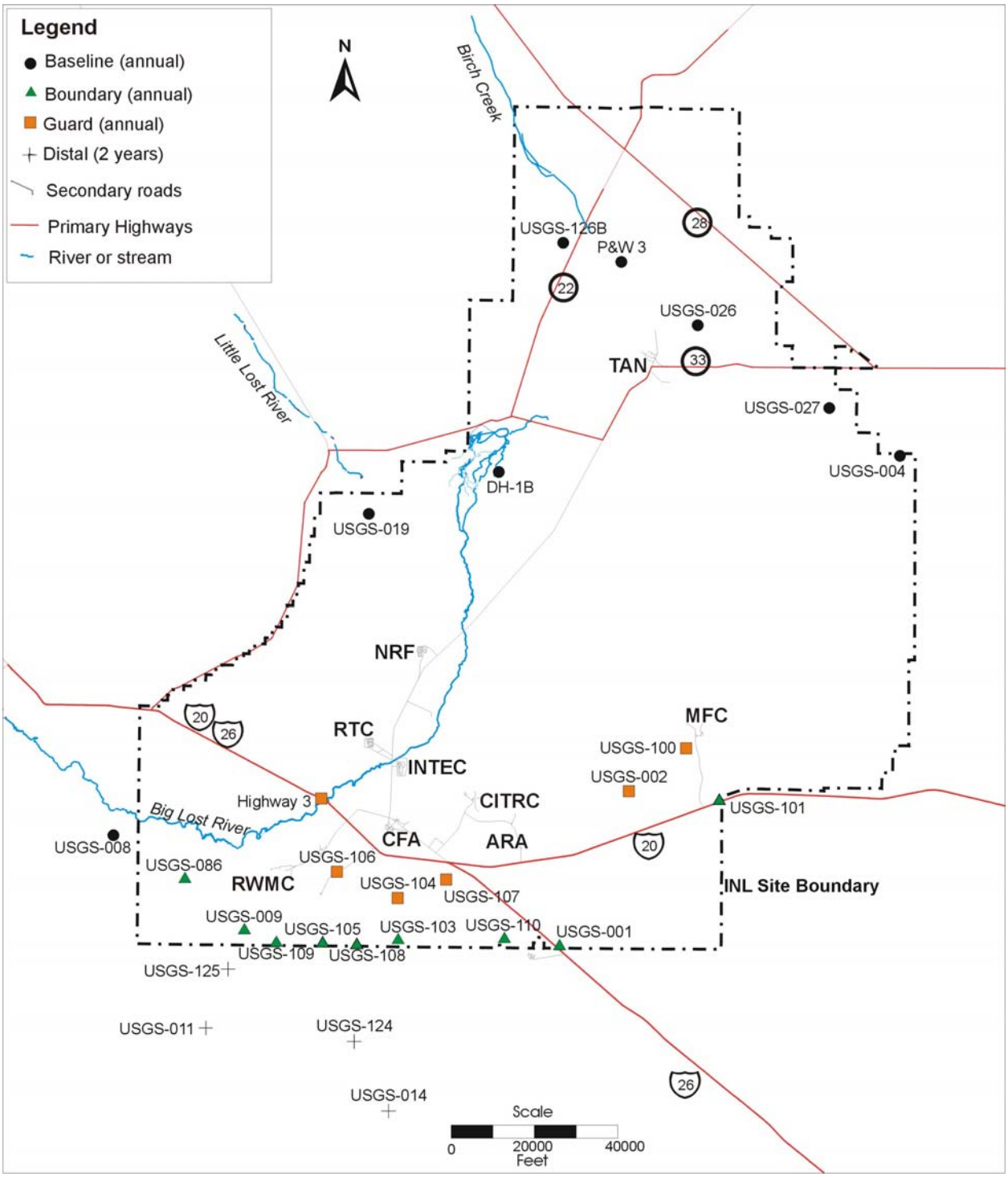

Figure 1. Idaho National Laboratory Site baseline, boundary, guard, and distal wells sampled in June and July 2005. (Note: Additional wells were sampled for the geochemical study described in this Appendix B.)

Table 3. Summary of field-measured parameters.

Well Name	Water Level (ft bgs)[a]	Date Sampled	Time Sampled	Temp. (°C)[b]	pH	Specific Conductivity (mmhos/cm)	Dissolved Oxygen (mg/L)
Boundary wells							
USGS-001	595.47	7/11/2005	950	14.3	7.85	0.259	7.13
USGS-009	616.38	6/28/2005	1125	11.41	7.86	0.365	5.53
USGS-086	656.51	7/13/2005	1048	10.02	8.03	0.328	8.7
USGS-101	780.33	7/12/2005	1114	13.88	7.95	0.292	6.69
USGS-103	589.53	7/6/2005	1214	13.84	7.7	0.371	7.16
USGS-105	676.26	7/6/2005	950	14.24	7.89	0.363	6.71
USGS-108	614.67	6/21/2005	910	13.19	7.78	0.353	7.07
USGS-109	627.16	6/29/2005	1245	14.07	7.92	0.368	5.72
USGS-110	571.2	7/7/2005	904	14.43	7.71	0.373	6.64
Guard wells							
USGS-100	686.94	7/12/2005	1000	13.62	7.99	0.369	7.02
Highway 3	NA	7/7/2005	909	10.9	7.73	0.335	8.83
USGS-002	669.16	7/19/2005	1122	13.76	7.9	0.356	7.33
USGS-104	562.17	7/6/2005	1404	12.63	7.6	0.322	9.49
USGS-106	594.27	6/7/2005	1029	13.62	7.72	0.391	6.38
USGS-107	486.7	6/29/2005	930	15.3	7.89	0.402	5.38
Baseline wells							
DH-1B	292.26	7/19/2005	1426	15.85	7.92	0.294	4.81
P&W-3	317.15	7/20/2005	1000	7.9	7.84	0.375	8.38
USGS-004	277.6	7/27/2005	1059	11.66	7.7	0.694	6.39
USGS-008	774.14	7/13/2005	1257	11.04	7.85	0.363	7.35
USGS-019	281.22	7/26/2005	940	17.43	7.82	0.395	6.25
USGS-026	221.74	7/18/2005	1228	16.09	7.69	0.384	5.77
USGS-027	236.97	7/18/2005	1008	16.65	7.79	0.500	3.82
USGS-126B	421.46	7/25/2005	956	11.52	8.44	0.335	6.84
Distal wells							
USGS-011	658.32	6/22/2005	1447	13.48	8.09	0.343	6.43
USGS-014	722.02	6/22/2005	1317	16.94	8.00	0.382	6.13
USGS-124	-----[c]	6/15/2005	1330	NA	NA	NA	NA
USGS-125	634.95	6/28/2005	1150	12.54	7.88	0.358	5.4

Table 3. (continued).

Well Name	Water Level (ft bgs)[a]	Date Sampled	Time Sampled	Temp. (°C)[b]	pH	Specific Conductivity (mmhos/cm)	Dissolved Oxygen (mg/L)
Geochemical study wells							
Rifle Range	NA	6/6/2005	1309	12.71	7.95	0.461	6.3
Houghland	NA	6/20/2005	1049	15.81	7.77	0.333	12.78
Crossroads	NA	6/20/2005	1318	11.6	7.62	0.341	10.56
Fingers Butte	NA	6/28/2005	1014	13.26	7.94	0.311	7.76
Grazing 2	NA	7/5/2005	1240	15.03	7.79	0.309	7.64
CCC Grazing 3	NA	6/30/2005	1112	17.14	7.96	0.314	6.68
USGS-065	473.48	6/7/2005	1040	12.27	8.00	0.598	0.03
Middle-1823	492.13	6/7/2005	1326	13.53	7.64	0.458	6.14

a. Water level measurement before sampling.
b. Temperature, dissolved oxygen, conductivity, and pH were measured using a flow-through cell.
c. Well was being pumped by ranchers so water level and other measurements were not taken.

bgs = below ground surface.
NA = not available.
USGS = United States Geological Survey.

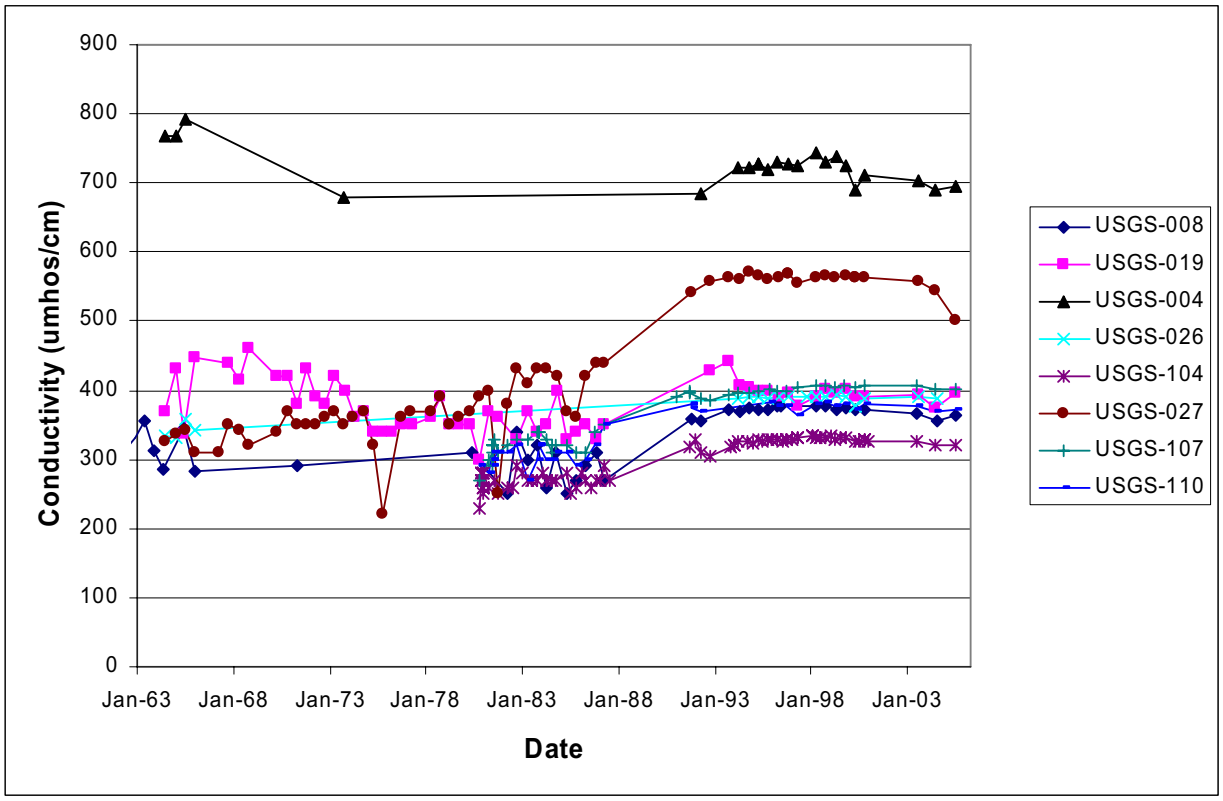

Figure 2. Plot of conductivity values for select wells.

The primary radiological analytes detected included gross alpha, gross beta, tritium (Table 4), and uranium isotopes (Table 5). These analytes were below their respective maximum contaminant levels (MCLs). The only other radiological analyte detected was Co-60 in USGS-009 at a concentration near the detection limit. This analyte does not have a history of occurrence in this well, and its occurrence near the detection limit makes its detection suspect. The concentrations of gross alpha, gross beta, and uranium isotopes were similar to background, based on background values from Knobel, Orr, and Cecil (1992). Tritium was detected in two wells, USGS-104 and USGS-106, and both of these wells have a history of tritium detections (Figure 3). Over the past 20 years, both wells exhibit a downward trend in tritium concentration (Figure 3). The tritium concentrations in these wells are currently less than 1,000 pCi/L and considerably less than the MCL of 20,000 pCi/L.

Two volatile organic compounds, toluene and acetone, were detected at concentrations well below MCLs. Toluene was detected in samples from seven wells at concentrations ranging from 0.18 to 18 μg/L. All the toluene detections were below the MCL for toluene of 1,000 μg/L. The source of the toluene is uncertain, but the lack of other hydrocarbons at the locations with the toluene detections is not consistent with fuel migration. Toluene is a common laboratory contaminant and that source cannot be ruled out. Acetone was detected in one sample, but, like toluene, acetone is a common laboratory constituent and it was also detected in a trip blank, which is suggestive of a laboratory problem.

The data for anions, common cations, and metals are summarized in Table 6 and are compared to MCLs or secondary MCLs. Data are also compared to USGS background values for the INL Site (USGS 1999). Review of the WAG 10 boundary, baseline, guard, and distal wells indicates that lead and antimony are the only inorganics above their respective MCLs or secondary MCLs. However, these occurrences are suspect since both of these occurrences were in a duplicate sample from USGS-027 and both lead and antimony were less than the MCL in the original sample.

Although not above its secondary MCL, zinc concentrations in the groundwater samples from USGS-011, USGS-086, USGS-100, USGS-103, USGS-104, USGS-106, USGS-108, and USGS-109 and the Highway 3 well were elevated (Figure 4). The elevated zinc concentrations in these groundwater monitoring wells are probably the result of corroding galvanized discharge/riser pipe used in their construction. Elevated zinc concentrations in groundwater have been correlated to galvanized riser pipes for other wells at the INL Site (INEEL 2003, ICP 2004).

Table 4. Summary of sampling results for tritium, gross alpha, and gross beta.

	Gross Alpha (MCL= 15 pCi/L)			Gross Beta (MCL[a])			Tritium (MCL= 20,000 pCi/L)		
Well	pCi/L	+/-	QF	pCi/L	+/-	QF	pCi/L	+/-	QF
Baseline wells									
DH-1B	4.68	0.826		5.98	0.905		-58.9	121	U
P&W-3	3.67	0.702		6.69	0.897	J	-66	119	U
USGS-004	2.56	0.774		8.37	1.02		25.9	120	U
USGS-008	2.29	0.729	UJ	3.07	0.799		0	107	U
USGS-019	3.7	0.7		2.89	0.732		57.9	121	U
USGS-026	2.88	1.1	UJ	5.25	1.33	J	-158	116	U
USGS-027	3.7	0.827		7.89	1.05	J	-47.6	113	U
USGS-027 Dup	5.78	0.92		12.8	1.15	J	-31.3	117	U

Table 4. (continued).

Well	Gross Alpha (MCL= 15 pCi/L)			Gross Beta (MCL[a])			Tritium (MCL= 20,000 pCi/L)		
	pCi/L	+/-	QF	pCi/L	+/-	QF	pCi/L	+/-	QF
USGS-126B	2.88	0.67		2.51	0.829		-26.4	121	U
Guard wells									
Highway 3	2.91	0.811		1.48	0.946	U	113	119	U
USGS-002	2.98	0.722		5.06	0.929		-119	117	U
USGS-100	0.784	0.654	U	2.5	0.906	UJ	-153	111	U
USGS-104	0.936	0.568	U	1.86	0.862	UJ	852	141	
USGS-106	2.64	0.762		3.53	0.671	UJ	981	96.1	
USGS-107	9.28	1.36	J	2.69	0.659		37.3	82.5	U
INL Site boundary wells									
USGS-001	0.551	0.592	U	3.45	0.863		-191	110	U
USGS-009	6.67	1.21	J	2.65	0.644		32.1	81.6	U
USGS-009 Dup	13.2	1.59	J	3.85	0.767		126	87	U
USGS-086	0.408	0.538	U	3.37	0.881		-220	113	U
USGS-101	1.59	0.575	UJ	2.05	0.845	UJ	-232	110	U
USGS-103	0.62	0.599	U	5.02	0.943		-113	111	U
USGS-105	2.72	0.652		2.33	0.8	UJ	113	120	U
USGS-108	2.97	0.834		1.31	0.564	UJ	130	83.4	U
USGS-109	5.29	1.1	J	5.97	0.816		100	89.1	U
USGS-110	2.76	0.68		5.13	0.938		-115	113	U
Distal wells									
USGS-011	0.797	0.725	U	1.96	0.628	J	24.3	81.4	U
USGS-014	3.63	0.929		3.38	0.751	UJ	25.6	85.8	U
USGS-124	3.63	0.908		2.22	0.673	UJ	200	84.5	UJ
USGS-125	6.86	1.18	J	6.52	0.832		201	89.1	UJ

a. The MCL for gross beta is based on an exposure criterion of 5 mrem/yr.

Dup = duplicate sample.
MCL = maximum contaminant level.
QF = qualifier flag. See Appendix A for qualifier flag definitions.
USGS = United States Geological Survey.

Table 5. Summary of sampling results for uranium and uranium isotopes.

Well	Uranium-233/234			Uranium-235			Uranium-238			Uranium MCL=30 µg/L	
	pCi/L	+/-	QF	pCi/L	+/-	QF	pCi/L	+/-	QF	µg/L	QF
Baseline wells											
DH-1B	2.25	0.389		0.181	0.127	U	1.02	0.255		1.6	B
P&W-3	1.96	0.314		0.05	0.0501	U	0.516	0.15		2	B
USGS-004	1.77	0.289		0.271	0.117	J	1.44	0.255		4	B
USGS-008	1.49	0.217		0.0496	0.0439	U	0.91	0.161		2	B
USGS-019	1.77	0.328		0.115	0.0941	U	0.635	0.187		1.7	B
USGS-026	2.25	0.289		0.121	0.0699	U	0.832	0.164		2.5	B
USGS-027	2.58	0.342		0.083	0.059	U	1.38	0.234		1.9	B
USGS-027 Dup	2.49	0.33		0.0414	0.0478	U	1.16	0.208		3.6	B
USGS-126B	1.82	0.338		0.206	0.119	U	0.583	0.188		1.9	B
Guard wells											
Highway 3	1.22	0.2		0.0279	0.0528	U	0.559	0.134		2	B
USGS-002	0.992	0.26		0.311	0.157	U	1.12	0.277		3.3	B
USGS-100	1.81	0.261		0.0504	0.0412	U	0.966	0.182		1.6	B
USGS-104	1.01	0.201		0.0433	0.05	U	0.643	0.158		1.6	B
USGS-106	1.05	0.126		0.0574	0.026	UJ	0.586	0.087		1.6	B
USGS-107	2.66	0.366		0.506	0.145		1.09	0.218		2.3	B

Table 5. (continued).

Well	Uranium-233/234			Uranium-235			Uranium-238			Uranium MCL=30 µg/L	
	pCi/L	+/-	QF	pCi/L	+/-	QF	pCi/L	+/-	QF	µg/L	QF
INL Site boundary											
USGS-001	1.34	0.215		0.238	0.0859	J	0.774	0.157		2	B
USGS-009	1.36	0.248		0.128	0.074	U	0.38	0.123		2	B
USGS-009 Dup	1.8	0.311		0.154	0.0894	U	0.698	0.182		1.9	B
USGS-086	0.912	0.184		0.122	0.0614	U	0.637	0.146		1.2	B
USGS-101	1.29	0.309		0.0786	0.0788	U	0.636	0.207		1.6	B
USGS-103	0.971	0.206		0.141	0.0759	U	0.596	0.155		1.6	B
USGS-105	1.84	0.284		0.129	0.0788	U	0.724	0.171		2.1	B
USGS-108	1.28	0.146		0.0411	0.0222	U	0.676	0.0973		1.7	B
USGS-109	1.43	0.24		0.296	0.104	J	0.471	0.13		1.6	B
USGS-110	1.4	0.219		0.109	0.0632	U	0.58	0.136		2.2	B
Distal wells											
USGS-011	1.32	0.142		0.0576	0.0249	U	0.648	0.0903		1.7	B
USGS-014	2.37	0.222		0.0719	0.0287	J	0.889	0.113		2.6	B
USGS-124	1.41	0.158		0.108	0.0367	J	0.53	0.085		1.7	B
USGS-125	1.7	0.272		0.306	0.107	J	0.768	0.176		1.9	B

Dup = duplicate sample.
MCL = maximum contaminant level.
QF = qualifier flag. See Appendix A for qualifier flag definitions.
USGS = United States Geological Survey.

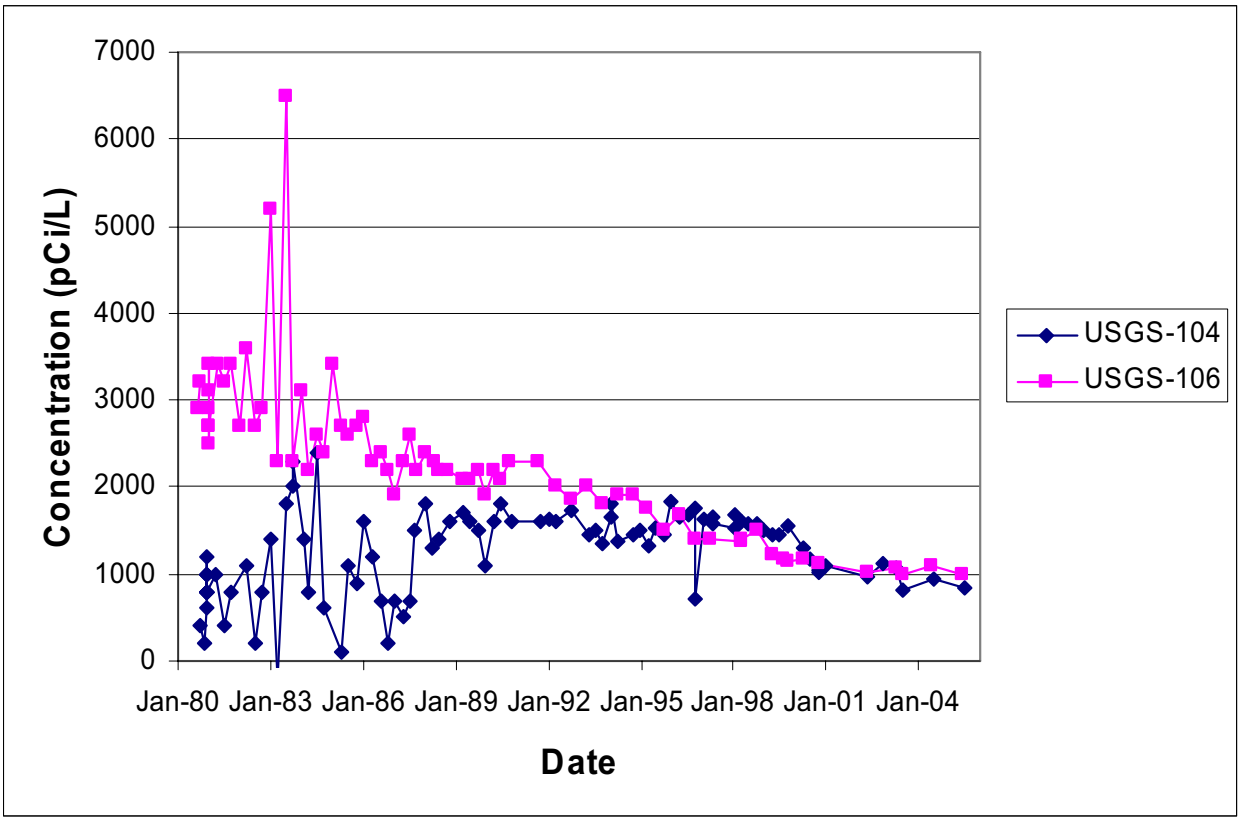

Figure 3. Tritium concentrations over time for USGS-104 and USGS-106.

The relative and absolute concentrations of common cations and anions are water quality parameters that can be used to distinguish sources of water and contamination. Theoretically, the chemical signature of the various water sources can be used to discern groundwater flow paths and identify sources of contamination. The common cations are sodium, potassium, calcium, and magnesium, and the common anions are chloride, sulfate, and bicarbonate. The anion and major cation chemistry of USGS-004 and USGS-027 suggests off-Site influences as described below. Well USGS-004 has a much higher nitrate concentration (4.8 mg/L-N) than the USGS background for the INL Site and other wells monitored under WAG 10 (Table 6 and Appendix A). The higher nitrate concentration, along with the higher specific conductance value in this well (as shown in the field parameters), probably reflects an off-Site agricultural influence. The water from USGS-027 is high in sodium, chloride, and nitrate compared to the other WAG 10 wells and background values for the SRPA. Wells USGS-004 and USGS-027 are located on the northern INL Site boundary, and their location suggests that upgradient off-Site influences are responsible for the elevated sodium, chloride, nitrate, and specific conductance.

Table 6. Summary of inorganic results.

Analyte	Sample Units	Guard		Boundary		Baseline		Distal		MCL or SMCL[a]	Background[b]	Detections Above Background	Detections Above MCL or SMCL
		Max	Min	Max	Min	Max	Min	Max	Min				
Anions													
Alkalinity	mg/L	156	122	144	101	269	141	141	135	None	*169–174*	Yes	NA
Chloride	mg/L	21.7	6.4	18.9	10.3	52.4	7	21.9	10.4	*250*	*16–27*	Yes	0
Fluoride	mg/L	0.57	0.12	0.8	0.11	0.57	0.11	0.89	0.15	*2*	*0.3–0.5*	Yes	0
Nitrate/ nitrite as N	mg/L	2.2	0.57	1.6	0.8	4.8	0.56	1.3	0.72	10	1 to 2	Yes	0
Sulfate	mg/L	24.5	15.7	24.6	10.9	38	19.5	22.8	21	*250*	*24–31*	Yes	0
Common cations													
Calcium	µg/L	53,500	38,300	43,400	32,800	67,900	28,200	43,100	39,900	None	*43,000–46,000*	Yes	NA
Magnesium	µg/L	18,700	13,300	17,000	11,000	23,700	13,000	17,000	14,900	None	*15,000*	Yes	NA
Potassium	µg/L	5,040	2,300	3,400	U	6,990	U	2,860	1,860	None	*3,100–3,500*	Yes	NA
Sodium	µg/L	30,000	6,410	18,500	11,300	47,900	7,080	19,300	8,980	None	*14,000–17,000*	Yes	NA
Metals													
Aluminum	µg/L	U	U	U	U	42.6	U	24.9	U	*50 to 200*	*10–13*	Yes	0
Antimony	µg/L	0.61	U	1.1	U	**9.1**	U	U	U	6	NA	NA	Yes[c]
Arsenic	µg/L	3.8	U	2.5	U	3.7	U	2.9	U	50/10[d]	2 to 3	No	0
Barium	µg/L	86.5	34.9	50.8	19.8	142	37.2	56.8	24.4	2,000	50 to 70	Yes	0
Beryllium	µg/L	U	U	U	U	U	U	U	U	4	NA	No	0
Cadmium	µg/L	0.24	U	U	U	U	U	U	U	5	<1	No	0
Chromium	µg/L	9.1	U	11.2	U	8.7	U	7.9	U	100	2 to 3	Yes	0
Cobalt	µg/L	U	U	U	U	U	U	U	U	None	*3*	No	NA

Table 6. (continued).

Analyte	Sample Units	Guard Max	Guard Min	Boundary Max	Boundary Min	Baseline Max	Baseline Min	Distal Max	Distal Min	MCL or SMCL[a]	Background[b]	Detections Above Background	Detections Above MCL or SMCL
Copper	µg/L	7.2	U	U	U	1.6	U	U	U	1,300/*1,000*	<1	Yes	0
Iron	µg/L	U	U	180	U	26.7	U	137	U	*300*	*16–25*	Yes	0
Lead	µg/L	12.2	U	U	U	**116**	U	U	U	15[e]	1 to 5	Yes	Yes[c]
Manganese	µg/L	4.4	U	19.5	U	14.6	U	19.4	U	*50*	*7*	Yes	0
Mercury	µg/L	U	U	U	U	U	U	0.12	U	2	NA	No	0
Nickel	µg/L	U	U	3.5	U	U	U	U	U	None	*10*	No	NA
Selenium	µg/L	U	U	U	U	U	U	U	U	50	<1	No	0
Silicon	µg/L	17,000	11,700	16,400	9,570	18,500	6,650	15,900	11,600	None	NA	NA	NA
Silver	µg/L	U	U	U	U	U	U	U	U	None	*2*	No	NA
Strontium	µg/L	298	147	272	101	319	171	263	189	None	*220-237*	Yes	NA
Thallium	µg/L	U	U	U	U	0.36	U	U	U	*2*	NA	NA	0
Uranium	µg/L	3.3	1.6	2.2	1.2	4	1.6	2.6	1.7	30	NA	NA	0
Vanadium	µg/L	7.4	U	7.4	4.3	5.7	U	5.6	3.7	None	*8*	No	NA
Zinc	µg/L	220	U	352	U	17.6	U	159	U	*5,000*	*10.5–54*	Yes	0

a. Numbers in italics are for secondary maximum contaminant level.
b. Background is from two sources. Plain numbers are from Knobel, Orr, and Cecil (1992); italicized numbers are from USGS (1999)—median and mean values.
c. These exceedences for antimony and lead occurred in the duplicate sample from USGS-027. The lead and antimony results for the sample from USGS-027 were well below the MCL.
d. The proposed new MCL for arsenic is 10 µg/L.
e. The action level for lead is 15 µg/L.

MCL = maximum contaminant level.
NA = not available.
ND = not detected.
SMCL = secondary maximum contaminant level.
U = not detected.

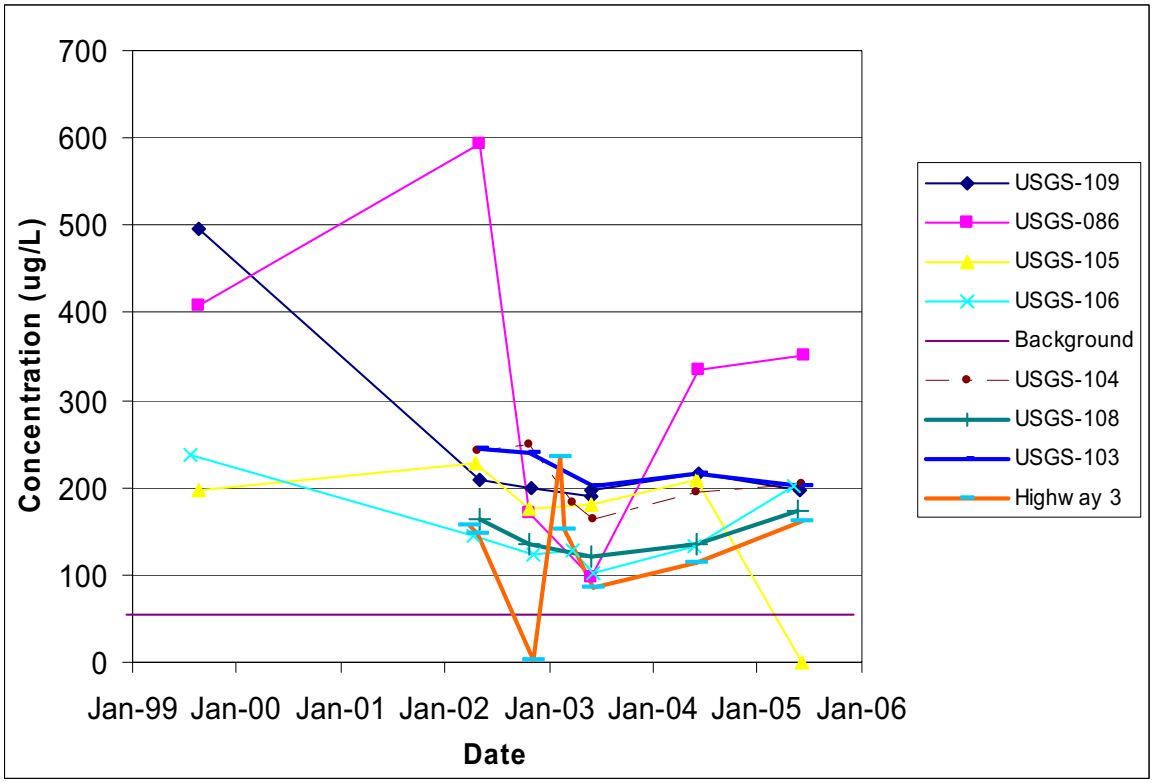

Figure 4. Zinc concentrations at select wells that have galvanized riser pipes.

2.2 Geochemical Study Results

The geochemical study in FY 2005 was driven by several data gaps identified in the OU 10-08 RI/FS and it was performed under a modification to the existing field sampling plan. Sampling for the geochemical study described in the OU 10-08 field sampling plan (DOE-ID 2005a) was completed in April-July 2005. The goals of the geochemical study were to resolve the source of the tritium in the aquifer at the RWMC, identify flow paths of contaminants from the INTEC and the Reactor Technology Complex (RTC), determine the source of the anion anomaly south of the RWMC, and identify flow paths and evaluate contaminant influence south of the southern INL Site boundary. Identification of groundwater flow paths is essential for development and calibration of the OU 10-08 (i.e., Sitewide) groundwater model. In addition, data from the geochemical study are used to evaluate the potential for commingled plumes, which might elevate the cumulative risk above levels calculated for each plume individually. The summary report for the geochemical study is presented in Appendix B. Note that the I-129 data for the geochemical study are not available. Consequently, the I-129 data will be incorporated into the FY 2006 annual monitoring report.

2.3 Well Drilling

Two new deep core holes/SRPA monitoring wells were drilled in FY 2005. The following tasks were completed in association with the well drilling activities:

- Prepared drilling specifications for both core holes
- Prepared subcontracts for drilling support

- Prepared the required work control documentation
- Completed two deep core holes
- Installed Westbay multilevel groundwater monitoring systems in each core hole with five monitoring intervals
- Sampled each interval of both Westbay Wells (Middle 2050 and 2051).

The following tasks are scheduled for FY 2006:

- Prepare a draft end-of-well report for the deep core holes and Westbay installations
- Submittal of the core hole and monitoring well end-of-well report to DOE Idaho for transmittal to the regulatory Agencies.

Well maintenance activities are described in ICP (2005a).

2.4 Sitewide Water Level Measurements

Water levels are one of the most important calibration targets for the OU 10-08 Sitewide Ground Water Model and a critical data need is accurate water table maps. In June 2005, a Sitewide (also wells around the site) water level measurement campaign was conducted over approximately a 1-week period, where water levels were measured in 274 wells simultaneously by four field teams.. The water level measurement data are presented in Appendix C in Table C-1. The data were collected during the shortest possible time span in order to reduce water level fluctuations caused by barometric and seasonal changes. The June 2005 water level data set was supplemented by an additional 114 water level measurements from the U.S. Geological Survey's National Water Information Storage (NWIS) database (USGS 2006). The NWIS data provide contour line control points at the perimeter of the OU 10-08 groundwater model domain.

Several steps were taken during field measurements and data screening to enhance data quality. Field teams used calibrated e-lines to measure water levels. The e-lines were calibrated to quantify line stretch that occurs from normal use and from the weight of the line in deep measurements. Calibration was accomplished by measuring depth to water in three standard wells, varying from 200 to 600 ft, with a reference steel tape measurement line and then remeasuring the depth with the field e-lines. Variations between the measured water levels using the steel tape and e-lines were used to generate a correction factor for each e-line. The correction factors were applied to the field measurements during the reduction of the data to water level elevations.

The water level measuring points were verified by the field teams and compared to existing well construction files to ensure known measuring point elevations. The verification of water level measuring points, as well as the review of any alteration to monitoring wells, is an ongoing activity. Well maintenance at the INL Site includes routine replacement of pumps, riser pipe, and well caps (or well head boxes) and maintenance of surface casings. Well modifications that might affect the measuring point are reviewed annually to ensure that the proper height for the measuring point is used for correcting depth-to-water measurements to elevations. To ensure a consistent reference datum, the measuring point “stick-up” was measured above the brass elevation marker cemented into the well pad by placing a 4-ft-long bubble level on the measuring point and measuring the height of the level above the brass marker.

The field data were screened after field activities were completed to look for problems caused by human error, well construction, and the geology. Wells penetrating the aquifer by 500 ft or more were eliminated because of the potential variation that might be caused by a vertical hydraulic gradient. Three wells were eliminated because of their depth and only the shallow water table piezometer was used at USGS-030. Nine other wells listed for measurements were eliminated because of anomalous measurements, seven wells were eliminated because they were dry, and 13 wells were eliminated because they were perched water wells. Water level data were then corrected using the correction factor for the e-line used to measure the well. A second correction was made to account for borehole deviations, as applicable. The corrected measurements were then used to determine the elevation of the water table at each well by subtracting the depth to water from the brass cap survey marker or the surveyed land surface using the North American Geodetic Vertical Datum of 1929 in feet above mean sea level.

The water table elevations were then entered into a commercially available contouring program, Surfer, Version 7. Surfer interpolated data to a grid because of the irregular spacing of the wells across the INL Site using a common kriging method and generated a contour map of the water level elevations. The data were interpolated and regridded using best professional judgment in areas where data density was insufficient for kriging. The final processed water table map for June 2005 is presented in Figure 5. The general shape of the contours and implied groundwater flow directions are similar to the results for June 2004.

Vertical gradients were examined at the few locations where multiple depths are screened (Table C-2). In general, for the south-central INL Site, the vertical gradient in the upper aquifer is downward and, below a depth of 800 ft bls, the gradient becomes upward. At the Central Facilities Area (CFA) landfills, the well pair of LF2-09 and LF2-10 indicates a downward gradient from the water table to a depth of 755 ft. In contrast, the deep well pair in the Security Training Facility (STF) area, Site 9 and STF-MON-A-02A, shows an upward gradient. The Site 9 well is a deep open hole from 1,000 to 1,140 ft while STF-MONA-02A is screened at the water table. The data from the CFA and STF areas could indicate that the vertical gradient in the aquifer is down to a depth between 755 and 1,000 ft bls but then reverses and the gradient then switches to an upward gradient. This suggests the presence of a confining or semiconfining layer at depth in the CFA-STF area. Vertical profile data from the two new WAG 10 multilevel wells will provide additional data on the vertical hydraulic gradient in the central INL Site.

In the northeast corner of the INL Site near USGS-30 well cluster, there is a sharp downward gradient between the shallow-depth well and the intermediate-depth well. However, there is almost no difference between the intermediate-depth well and the deepest well of this cluster even though there is about 320 ft of vertical separation between the bottom of the intermediate-depth well and the top of the deep well.

The well pair in the RTC, USGS-065 and TRA-06, indicates a steep downward gradient similar to that observed at USGS-030. These wells consistently show a steep gradient that is similar to the first two wells at USGS-30. Well USGS-065 is screened at the water table and is separated vertically from TRA-06 by only 30 ft based on the bottom of USGS-065 and the top of TRA-06.

Near the RWMC, the pair of USGS-118 and USGS-119 shows a downward gradient while the pair of USGS-088 and M4D shows a slight upward gradient. USGS-118 is screened at the water table while USGS-119 is screened to a depth of 705 ft. USGS-088 is also screened at the water table, but M4D is screened to a depth of 828 ft. These well pairs appear to be showing a similar pattern as to what occurs in the CFA in that there is initially a downward gradient but, at depth, approximately 750 to 800 ft, switches to an upward gradient. Vertical profile data from the new WAG 10 multilevel well Middle-2051 may help define vertical gradients in the RWMC area.

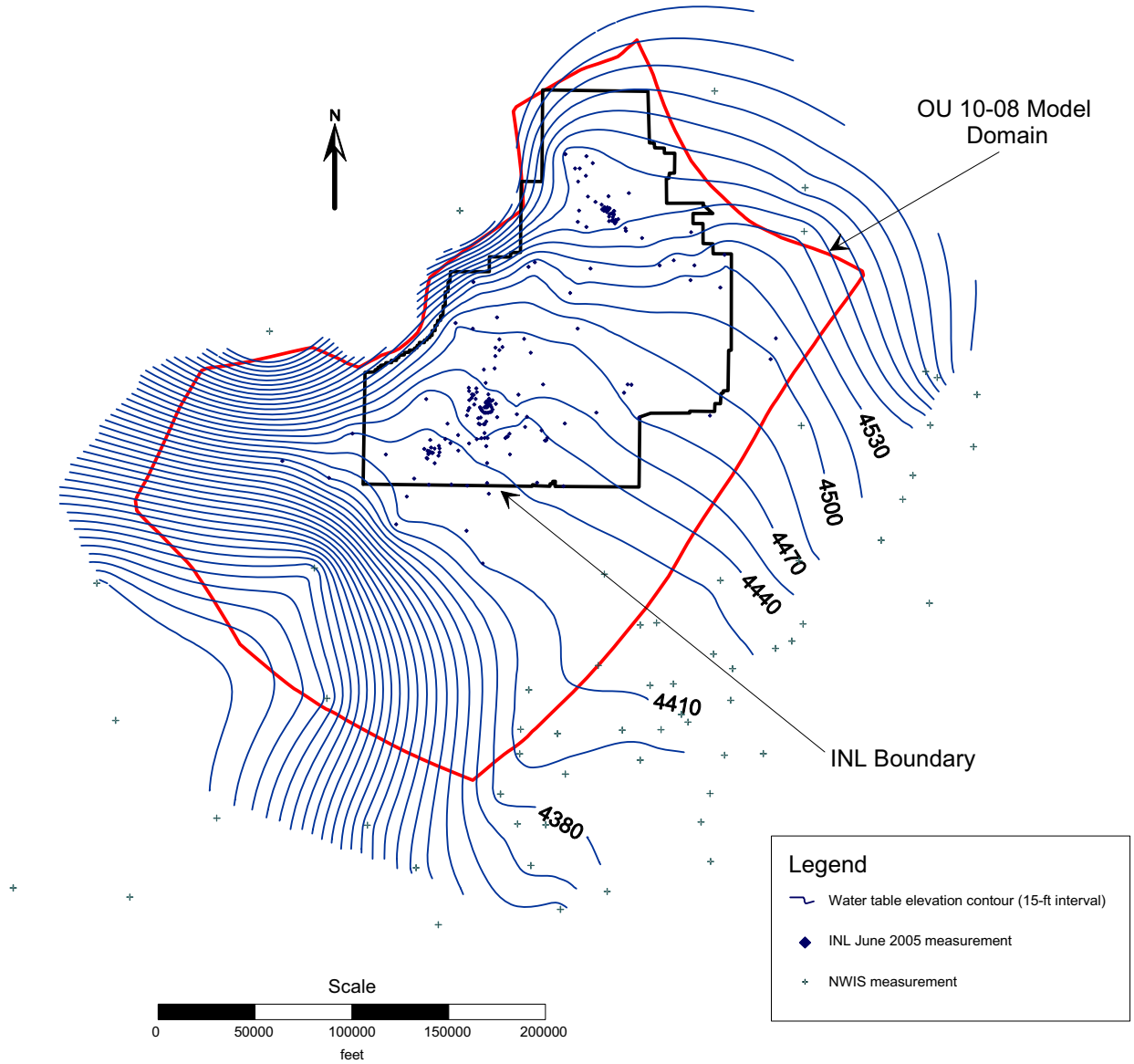

Figure 5. Updated water table map based on the June 2005 data set. Note: The water levels shown on this figure reflect reference elevations and borehole deviation corrections at the time of map creation.

In the TAN area, ANP-09 and ANP-10 were used to evaluate the vertical gradients. This well pair has a vertical separation of 239 ft between the bottom of ANP-09 and the top of ANP-10. ANP-9 is screened across the water table while ANP-10 is screened to a depth of 676 ft. This well pair indicates an upward gradient.

2.5 Progress on Sitewide Groundwater Model

A major component of the OU 10-08 RI/FS effort is the preparation of a Sitewide groundwater flow and transport model that is updated with recently collected subsurface information and consistent with groundwater models prepared under CERCLA by individual WAGs. Many of the regulatory decisions made under OU 10-08 will be driven by the results of the OU 10-08 Sitewide groundwater flow model. To that end, it is useful to examine past and present groundwater models at the site. In recent

years, the bulk of the groundwater flow and transport modeling has been performed by the individual WAGs. Earlier models were prepared at the INL-scale and for much larger areas of interest. Computerized numerical simulations at the subregional scale were implemented as early as the mid-1970s (Robertson 1974). The USGS Regional Aquifer-System Analysis Program produced several models of the SRPA at various scales for use as characterization tools dealing with water resource issues. The CERCLA-mandated remedial investigations at the INL Site have resulted in several flow and transport models; these include three models currently being used for individual WAGs. All these historical models are important because they provide input to the OU 10-08 conceptual model and provide useful summaries of data to be used in OU 10-08 groundwater modeling. The complete description of the plan for the OU 10-08 groundwater model activities is presented in the *Idaho National Engineering and Environmental Laboratory Operable Unit 10-08 Sitewide Groundwater Model Work Plan* (DOE-ID 2004b).

2.5.1 Groundwater Modeling Goals and Scope

The overall goal of the Sitewide Groundwater Model Project is based on concurrence reached among representatives from the DOE, state and EPA regulators, and INL Site contractors. The goal is given as follows (DOE-ID 2004b):

> Develop a sitewide flow and transport model of the active flow portion of the SRPA that can be used to evaluate OU 10-08 remedial action alternatives and to ensure all remedies remain protective of the SRPA. The model will provide credible estimates of contaminant concentrations from sources at the INL over relevant future timeframes.

The scope of the OU 10-08 model is to evaluate the cumulative impact to receptors from individual contaminant sources at the INL Site, at any location within or at the institutional boundary of the INL Site, that have entered or potentially could enter the underlying groundwater. The primary products of the groundwater modeling will be as follows:

- An updated conceptual model of flow in the SRPA, capturing the current understanding of the aquifer system in a form that can be used in a numerical simulator to predict groundwater flow and contaminant transport

- A numerical modeling tool that can be used to predict the aquifer flow directions, water mass flux rates, and contaminant transport velocities and concentrations at the scale of the INL Site.

2.5.2 Tasks Completed

A number of tasks have been identified in the OU 10-08 Sitewide Groundwater Model Work Plan (DOE-ID 2004b) to meet the goals and scope identified above. Specific tasks completed from the OU 10-08 Groundwater Model Work Plan in FY 2005 are discussed in this section.

The first activity completed was finalizing the OU 10-08 Sitewide Groundwater Model Work Plan. As indicated, this document contains detailed descriptions of all tasks necessary to result in an updated groundwater model suitable to use in making remediation decisions for OU 10-08.

The listing and prioritizing of desirable well locations to meet multiple characterization objectives are described in ICP (2004). The locations of the two wells drilled in FY 2005 were based on the prioritized locations and in coordination with USGS drilling activities to avoid duplication. Between the OU 10-08 and USGS drilling activities, drilling began at the four top-ranked locations during FY 2005,

and three wells were completed. The two 10-08 wells had multilevel Westbay sampling systems installed to allow vertical profiling of concentrations over time, a data gap that was identified in the Sitewide Groundwater Model Work Plan (DOE-ID 2004b).

The selection of the numerical codes that will be used for the OU 10-08 modeling is documented in ICP (2005b). The MODFLOW and MT3D simulators were selected for flow and transport, using both embedded in the groundwater model system (GMS) pre- and post-processing system. The HST3D simulator was selected for thermal transport simulations that are being done for corroboration of the aquifer flow simulations.

In addition to introductory material describing the purpose and objectives of the OU 10-08 modeling, the *Operable Unit 10-08 Summary Report on the Subregional-scale Two-dimensional Aquifer Model* report includes a detailed description of the conceptual and numerical model for two-dimensional flow and transport (ICP 2005c).

The conceptual model section in the 2D summary report included a definition of the INL Site geologic framework with zones defining possible hydrologic controls, a summary of inflow and outflows to the SRPA, updated aquifer water level maps based on water level measurements conducted in June 2005, interpretations of flow based on natural and anthropogenic geochemistry sampling results from aquifer monitoring wells, and summaries of hydrologic properties from field tests.

The numerical model section in the 2D summary report described how the numerical model was built from the conceptual model, the refinement of the modeling domain from the study area that had been defined previously, the implementation of boundaries in the model, and the three different inverse methods used to adjust aquifer transmissivity to calibrate to observed water levels. These three inverse methods were a traditional approach based on zonation, a pure pilot point approach without any zonation, and a combined approach using pilot points within the zones. Uncertainty in the estimated transmissivities was also quantitatively evaluated through the inverse process.

The numerical model section also included simulations of two-dimensional vertical cross sections for thermal transport modeling. This modeling was conducted to evaluate likelihood of vertical mixing mechanisms.

In addition, another task outlined in the OU 10-08 Sitewide Groundwater Model Work Plan is coordination with the individual WAG facility-specific modeling efforts to ensure continuity once those WAGs reach their respective RODs and then roll into the OU 10-08 effort. The simulation of vadose zone transport is not within the scope of the OU 10-08 modeling, which relies on the estimated contaminant fluxes from the individual WAG modeling. A series of meetings were held with the OU 10-08 modeling staff and the individual WAG modelers. A detailed description of the current individual WAG modeling efforts, the simulation codes used, and the primary points of contact are included in Table 7.

A peer review team consisting of Dr. Edgar Berkey, Dr. R. L. Basset, Dr. Alan Wylie, and Dr. Robert Smith, provided guidance on the direction of the modeling effort. The objective of the review conducted was to provide an independent evaluation of the progress that has been made implementing the WAG 10 Sitewide Groundwater Model at the INL Site. The peer review of the WAG 10 model was conducted June 7 through 9, 2005, with the findings presented in Appendix D. The findings generally concurred with the approach taken for the OU 10-08 model and provided recommendations to improve the approach.

Table 7. Summary of WAG modeling.

WAG	Area Description	Model(s)	Code	Reference Document(s)	Comments/Contacts
1	Test Area North	1-07B (TSF-05 injection well and plume)	TETRAD, MODFLOW and MT3D via GMS	INEEL/EXT-97-01284 INEEL/EXT-02-00632	Post-ROD models used to evaluate monitored natural attenuation. Model was originally created in TETRAD and converted to GMS later for greater ease of use by typical users. Pete Martian (INL, 526-4118) is best contact for the TETRAD model.
		1-07B (Groundwater Capture Zone model for the New Pump and Treat Facility)	MODFLOW via GMS	INEEL/EXT-02-00661	Parameterization and discretization of this smaller model domain based on TETRAD model listed above. Pumping and injection wells added to account for NPTF operation. Post-ROD. Doug Whitmire (NWI, 557-7821) is the contact for these model runs.
		1-07B (Plume Source Area)	MODFLOW and MT3D via GMS	INEEL/EXT-03-00528	Flow and transport model used to simulate electron donor distribution near TSF-05. Eastern constant head boundary taken from NPTF model listed above. This model is post-ROD stage and used to optimize remedy performance.
2	TRA	2-D Cross-Section Vadoze Zone and Groundwater	TARGET TOUGH2	Dames and Moore, 1992 a,b DOE/NE-ID-11189	Original model created by Dames and Moore (TARGET code) and referenced in ROD. Model updated and modified by Doug Whitmire (NWI, 557-7821) to extend implemented lifetime of the Cold Waste Pond. Updated scenario also modeled with TOUGH2 by Rob Podgorney (INL, 526-1224). The model is a 2-D slice model along a NE-SW transect that has been used to predict concentrations of COCs in the aquifer. Rob Podgorney is the contact for these models.
3	INTEC	OU-3-13 Model	TETRAD	DOE/ID-10534	Pete Martian is the contact for this model (INL, 526-4118).
		OU-3-14 Model	TETRAD	DOE/NE-ID-11227 (Draft)	Pete Martian (INL, 526-4118) currently completing this model of vadose zone and aquifer beneath INTEC.
4	Central Facilities Area	OU 4-12 Modeling (CFA Landfills I, II and III)	GWSCREEN	INEL-94/0124	Jeff Sondrup (INL, 526-8396) and Swen Magnuson (INL, 526-8618) preformed the original modeling. The GWSCREEN input data are included as text with the reference document in Appendix L.

Table 7. (continued).

WAG	Area Description	Model(s)	Code	Reference Document(s)	Comments/Contacts
5	WAG 5 Comprehensive RI/FS	The two PBF injection wells	GWSCREEN	DOE/ID-10607	The GWSCREEN input data are included as text with the reference document in Appendix D. Electronic copies of the input decks are not available.
	OU 5-05 and 6-01 SL1 and BORAX-I Burial Grounds	SL1 and BORAX-I Burial Grounds Modeling	GWSCREEN	INEL-95/0282 EXT-94-00307	Swen Magnuson (INL, 526-8618) preformed the original GWSCREEN runs. This modeling is discussed in the RI/FS and ROD. The data used in the models are included in the RI/FS document.
6	EBR-1/BORAX	6-05 Modeling	GWSCREEN	DOE/ID-10807 DOE/ID-10980	GWSCREEN modeling discussed in ROD as a conservative estimator of contaminant concentrations due to lack of dispersion. The GWSCREEN modeling is actually presented in the RI/FS.
7	RWMC	OU 7-08 OCVZ PRG determination	TETRAD	INEEL/EXT-2000-00814, Rev. 2	All Post-ROD OCVZ modeling has been performed using a dual-domain version of the TETRAD model used for OU 7-13/14 SDA Vadose zone and GW modeling.
		SDA Vadose and GW flow and transport model.	TETRAD	INEEL/EXT-97-00609 DOE/ID-10569 INEEL/EXT-02-01125	Swen Magnuson (526-8618) and Jeff Sondrup (526-8396) are the contacts for all versions of the SDA model, which is currently being used for baseline risk assessment.
8	NRF	8-08 sites	GWSCREEN	OU 8-08 RI/FS(10432) OU 8-08 ROD (10544)	The ROD states that this GWSCREEN modeling and groundwater sampling data indicate that groundwater pathway "is not a pathway of concern at the NRF" (ROD p. 48). Input information included in the RI/FS report in Appendix F.
9	ANL-W	9-04 Modeling	GWSCREEN	W7500-0000-ES-02	RI/FS sections 5.4, 5.5, 5.6, 5.7, 5.8, and 5.11.2.4 discuss this modeling in detail. Cr and As are identified as the primary COCs. Appendix C contains the GWSCREEN input information.

3. ACTIVITIES FOR FISCAL YEAR 2006

Several tasks are scheduled to support the OU 10-08 RI/FS in FY 2006. These tasks have been identified in the OU 10-08 RI/FS Work Plan (DOE-ID 2002a), in previous annual reports, and in the WAG 10 monitoring and field sampling plan (DOE-ID 2005a). Several tasks for FY 2006 are identified below, but additional tasks may be performed as the need arises and as negotiated with the Agencies and funded by DOE.

3.1 Recurring Tasks and Tasks Carried Over from Previous Annual Reports

The following tasks have been identified in previous annual reports or in the OU 10-08 RI/FS Work Plan (DOE-ID 2002a). Several tasks have been completed in previous years and will continue to be performed annually, while other tasks have yet to be completed but will be performed in future years. These tasks include

- Evaluate potentially commingled plumes, incorporating annual data from all OU 10-08 monitored wells and individual WAGs as appropriate. This task is currently being evaluated as part of the geochemical study (see Appendix B). An analysis of commingling plumes will also be conducted as part of the updated Sitewide groundwater model.

- Evaluate groundwater data collected from the OU 10-08 monitoring network, particularly focusing on trends and determining baselines for long-term monitoring. This information will be incorporated into the annual OU 10-08 RI/FS report and recommendations made for future sampling.

- Prepare the FY-05 annual OU 10-08 RI/FS report (this report) and submit it to DOE Idaho for transmittal to the regulatory Agencies.

- Reevaluate the risk for mercury in the soil at TSF-08 based on more recent EPA guidance (EPA 1997) for mercury that allows a reduction in the uptake factor (which addresses the food crop issue).

3.2 Well Drilling Tasks

Two deep core holes were drilled in FY 2005 and constructed as multilevel sampling wells using the Westbay System. These new deep core holes will be sampled in FY-06 and the data interpreted for presentation in the FY-06 annual OU 10-08 RI/FS report. Through a collaborative arrangement with the USGS, up to three additional Westbay Systems will be installed in existing deep wells during FY-06 (ICP 2005d). Scheduling of the installation of the Westbay Systems is dependent upon the timing and availability of the USGS drilling rig and the availability of funds to support construction. As a part of this activity, the following tasks will be performed:

- Prepare a scope of work for the Westbay System subcontract(s)

- Prepare the required work control documentation

- Convert the existing core holes into multilevel monitoring wells

- Prepare a draft end-of-well report for the deep core holes and monitoring wells

- Submit the core hole and monitoring well end-of-well report to DOE Idaho for transmittal to the regulatory Agencies

- Revise the OU 10-08 Groundwater Monitoring and Field Sampling Plan (DOE-ID 2005a) to incorporate sampling in support of the new deep core holes once they are converted into monitoring wells.

3.3 Sitewide Groundwater Model

A major effort is underway to create a three-dimensional Sitewide groundwater model that will include contaminant transport. This effort will span several years and will not be completed until all of the other WAGs' RODs are completed (WAG 7 is currently the latest scheduled draft ROD, tentatively slated for completion by December 31, 2007). Many detailed tasks have been identified and are described in the Sitewide Groundwater Model Work Plan (DOE-ID 2004b). A high-level overview of the tasks is as follows:

FY 2006:

Deliverables include a series of white papers documenting 2D transport and 3D flow model development. These white papers will become sections or chapters in the modeling reports to be finalized in mid-FY 2007. The white papers include the following:

- Geochemical data sets and transport properties

- Definition of 3D hydrostratigraphic units using geological, hydrological, chemical, and geophysical data sets for numerical simulation

- Three-dimensional distribution of water inflows and outflows to the model domain

- Summary and presentation of transient three-dimensional water level data sets

- Preferential flow analysis and velocity determination within the simulation domain

- Volcano stratigraphy of the WAG 10 model domain

- Westbay vertical profiling installations and preliminary sampling results

- Summary discussion of preliminary 2D transport modeling

- Summary of the viability of thermal modeling to support contaminant transport calibration

- Development and calibration of thermal transport model

- Preliminary results of the 3D numerical flow model and implications for the comprehensive 3D conceptual model

- Documentation of response surface model code.

Outyears:

Activities include the following:

- Prepare a comprehensive, three-dimensional, subregional conceptual model
- Prepare a subregional-scale, three-dimensional, aquifer-flow numerical model
- Prepare a three-dimensional flow and transport model
- Complete other updates to the Sitewide groundwater model.

3.4 Waste Area Group 10 Monitoring Plan

The Groundwater Monitoring Plan for WAG 10 will be updated during FY 2006 to include sampling intervals from the two new multilevel wells completed in FY 2005. The plan will guide WAG 10 groundwater monitoring activities through the completion of the OU 10-08 ROD or until otherwise updated or modified. Coordination with other WAGs and consideration of Sitewide groundwater model data gaps will occur during the development of the Groundwater Monitoring Plan to ensure that activities support all aspects of the OU 10-08 RI/FS process.

4. SUMMARY

Several activities have been completed in FY 2005 in support of the OU 10-08 RI/FS. Most notably, a groundwater sampling round was completed on the OU 10-08 monitoring well network, a comprehensive Sitewide water level measurement was completed, a water level map produced, two multilevel wells were installed, the Groundwater Monitoring and Field Sampling Plan of OU 10-08 was updated, and the summary report for the 2-D groundwater model (ICP 2005c) was produced.

No contaminant exceeded an MCL in a well along the southern boundary of the INL Site or downgradient of the Site. Groundwater gradients and flow directions were consistent with the FY 2004 annual Sitewide measurement event.

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Appendix A

Analytical Results from Fiscal Year 2005 Groundwater Sampling

Appendix A

Analytical Results from Fiscal Year 2005 Groundwater Sampling

A-1. INTRODUCTION

This appendix presents the groundwater analytical results for June and July 2005 for WAG 10 boundary, guard, baseline, and distal wells (Table A-1). In addition, the data collected for the geochemical study are also included in a separate table (Table A-2). The complete groundwater data set (in Excel) is provided on the compact disc attached to the inside back cover of this report. The stable isotope data are contained in the text, but the analytical methods are summarized in this appendix following the definition of data flags. In addition, the accelerator mass spectrometry (AMS) method for Cl-36 is described.

Note that alkalinity data are reported in units of mg/L as calcium carbonate. In the table on the compact disc, sample and duplicate samples are designated as 01 and 02 before the analysis code. For example, GWM32102RH is the duplicate for GWM32101RH.

A-2. DATA QUALIFIER FLAGS

The data qualifier flags used in this appendix are a consolidation of laboratory- and validation-assigned flags. The data qualifier flags for organic, inorganic, and radiological results are defined as follows:

Organic Qualifier Flags:

- B—The analyte was detected in the associated laboratory method blank as well as in the sample.
- U—The analyte was analyzed for, but it 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 values are an estimate and might be inaccurate or imprecise.
- N—There is presumptive evidence that a compound is present.
- NJ or JN—There is presumptive evidence that a compound is present, and the associated values are an estimate.
- 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.

Inorganic Qualifier Flags:

- B—The result is less than the contract-required reporting limit but greater than or equal to the instrument detection limit.

- E—The reported value was estimated because of the presence of interference.
- N—The spiked sample 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 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.

A-3. CHLORINE-36 BY ACCELERATOR MASS SPECTROMETRY

The Cl-36 analyses were performed by the Purdue Rare Isotope Measurement laboratory (PRIME Lab) in Lafayette, Indiana. Samples were analyzed using the AMS method.

A-3.1 General Method Description

AMS uses a particle accelerator in conjunction with negative ion sources, electric and magnetic analyzers, and nuclear detectors to separate interferences (S for Cl-36) and measure the isotope abundance to the level of 10^{-15}.

Sample "targets" were prepared by precipitating AgCl for Cl-36 analysis. To make sure a sufficient target was created, a "carrier" was added.

The measurements begin with negatively ionizing samples (AgCl) by ion sputtering and charge exchange processes. The ion yield (Cl^-, I^-) is proportional to $\exp(A-\phi_s)/kT$ where A, ϕ_s ,T and k are the electron affinity of the sample, the effective work function, the temperature of the ionizer, and the Boltzmann constant.

This is followed by isotope selection through the injector magnet ($2\times\frac{m}{q}\times\frac{E}{q}=B\times R$ where *m, E, q, B,* and *R* are atomic weight, energy, charge state, magnetic field strength, and radius), and the negative ions of the interest ($^{36}Cl^-$, $^{129}I^-$) are accelerated through the first half of the accelerator, acquiring kinetic energy up to 3-7 MeV, then converted to multiply charged positive ions ($^{36}Cl^{7+}$, $^{127}I^{5+}$) by charge stripper

(gas or a very thin carbon foil) at the center of the accelerator. The positive ions are accelerated through the second half of the accelerator; the final velocity is around $1.39 \times 10^7 \sqrt{\frac{(q+1)V_T}{m}}$ m/second, where V_T is accelerator terminal voltage in MV, about 40 million mph for Cl^{7+} .

Through further mass-to-charge (m/q) and energy-to-charge (E/q) analysis by the magnetic and the electrostatic analyzers, ions are directed to the gas ionization detector. The detector detects the ion total energy E and energy loss per unit distance 0 through the gas, $-\frac{dE}{dx} \cong \frac{kz^2}{E}$ where k,z are a constant and effective nuclear charge, which uniquely identify the isotope of interest.

A-3.2 Chlorine-36

A sample aliquot is selected that would produce about 25 to 35 mg of silver chloride for an AMS target, if possible. If the chloride concentration is low, the sample will be preconcentrated on an anion exchange column, eluted with dilute nitric acid before proceeding as directed below.

If the Cl-36 concentration is very high, stable chloride will be added to the sample aliquot to lower the radioactive/stable ratio to about 2,000.

A small amount of barium nitrate is added to the sample to precipitate sulfate. The sample is filtered, if necessary, to remove any particulates and acidified with nitric acid; and the chloride ion is precipitated with silver nitrate. The precipitate is allowed to settle and is separated from the acid solution by centrifugation. The supernatant is discarded.

The silver chloride is dissolved in ammonium hydroxide solution, transferred to an anion exchange column, and generated in the nitrate form to remove possible interference from any remaining sulfur. The chloride is eluted from the column with dilute nitric acid solution, collected, and mixed with silver nitrate to reprecipitate the silver chloride.

The sample is centrifuged to collect the silver chloride precipitate, washed with water, recentrifuged, and dried.

The ratios reported by the PRIME Lab are for the "target" or the sample plus a carrier. The target values then need to be converted to insitu values or the value for water from the well. The raw or AMS target values for Cl-36/total chloride were converted to insitu values using the following formula:

$$Insitu\ ^{36}Cl / total\ \ Cl = \frac{carrier\ \ wt + sample\ \ wt_{chloride}}{Sample\ \ wt_{chloride}}\ x\ \ (^{36}Cl / total\ \ Cl)^{target}$$

Where Sample weight of chloride is calculated as:

$$Sample\ \ Wt_{chloride} = \frac{Sample\ \ Wt\ \ (grams)}{1000 g / L} \times Cl\ \ (mg / L)$$

The number of atoms of Cl-36 was calculated by the following formula:

$$Atoms^{36}Cl = \frac{Cl(mg/L)x(^{36}Cl/total-Cl)^{target}\ x\ \ 6.022x10^{23}\ atoms/mol}{Molecular\ \ weight(35.453)\ \ x\ \ 1000mg/mol}$$

The value for insitu atoms of Cl-36/L was converted to pCi/L using the following equation:

Atoms Cl-36/L (10^{10}) x 0.02 = pCi/L.

A-4. SULFUR AND OXYGEN ISOTOPE RATIO ANALYTICAL METHODS AND REPORTING

The sulfur and oxygen isotope analyses in sulfate were performed by the Reston, VA, USGS laboratory. Dissolved sulfate samples are collected and prepared for isotopic analysis using the methods of Carmody et al. (1997). For sulfur isotope ratio measurements, dissolved sulfate is converted to $BaSO_4$, which is analyzed by conversion to sulfur dioxide with an elemental analyzer and subsequent analysis with a continuous flow isotope ratio mass spectrometer (Brenna et al. 1997). Samples are analyzed simultaneously with $BaSO_4$ isotopic reference materials. No correction for oxygen isotopic composition is made to reported data. For oxygen isotope ratio measurements, $BaSO_4$ is converted into CO with a Thermo-Finnigan Thermo-Chemical Elemental Analyzer at 1,325°C. The CO is analyzed for oxygen isotopic composition using a continuous flow isotope ratio mass spectrometer (Böhlke, Mroczkowski, and Coplen 2003).

A-4.1 Sulfur Isotope Ratios

Sulfur isotope ratios are reported in parts per thousand (per mil) relative to Vienna Canyon Diablo Triolite (VCDT), defined by assigning a value of -0.3 per mil exactly (Coplen and Krouse 1998) to IAEA-S-1 silver sulfide (previously known as NZ-1). The sulfur isotopic compositions of sulfur-bearing internationally distributed isotopic reference materials analyzed by this laboratory are

IAEA-S-1	Ag_2S	-0.3 (exactly)
IAEA-S-2	Ag_2S	+22.67
IAEA-S-3	Ag_2S	-32.55
IAEA-SO-5	$BaSO_4$	0.5
IAEA-SO-6	$BaSO_4$	-34.05
NBS 127	$BaSO_4$	-30.4
Soufre de Lacq	Elemental S	+16.90.

The 2-sigma uncertainty of sulfur isotopic results is 0.4 per mil, unless otherwise indicated. This means that if the same sample were resubmitted for isotopic analysis, the newly measured value would lie within the uncertainty bounds 95% of the time.

A-4.2 Oxygen Isotope Ratios in Sulfate

Oxygen isotope ratios are reported in per mil relative to Vienna Standard Mean Ocean Water (VSMOW) reference water and normalized on a scale such that Standard Light Arctic Precipitating (SLAP) reference water is -55.5 per mil. The oxygen isotopic compositions of oxygen-bearing internationally distributed isotopic reference materials analyzed by this laboratory are

VSMOW	water	0 (exactly)
SLAP	water	-55.5 (exactly)
NBS 18	$CaCO_3$	+7.2
NBS 19	$CaCO_3$	+28.65
IAEA-NO-3	KNO_3	+25.6
USGS32	KNO_3	+25.7
USGS34	KNO_3	-27.9
USGS35	$NaNO_3$	+57.5
NBS 127	$BaSO_4$	+8.6
IAEA-SO-5	$BaSO_4$	+12.0
IAEA-SO-6	$BaSO_4$	-11.3.

The 2-sigma uncertainty of oxygen isotopic results is 0.4 per mil unless otherwise indicated. This means that if the same sample were resubmitted for isotopic analysis, the newly measured value would lie within the uncertainty bounds 95% of the time.

A-5. ANALYTICAL METHODS AND REPORTING FOR STABLE ISOTOPE RATIOS IN NITRATE

The nitrogen and oxygen isotope analyses were performed by the Reston, VA, USGS laboratory. Nitrate samples are analyzed by bacterial conversion of nitrate to nitrous oxide and subsequent measurement on a continuous flow isotope ratio mass spectrometer (Sigman et al. 2001; Casciotti et al. 2002; Revesz and Casciotti 2004).

A-5.1 Nitrogen Isotope Ratios in Nitrate

Nitrogen isotope ratios are reported in parts per thousand (per mil) relative to N_2 in air (Mariotti 1983). The nitrogen isotopic compositions of nitrogen-bearing internationally distributed isotopic reference materials analyzed by this laboratory are

N_2 in air	0 (exactly)	
IAEA-NO-3	KNO_3	+4.70

USGS32	KNO_3	+180 (exactly)
USGS34	KNO_3	-1.8
USGS35	$NaNO_3$	+2.7.

The 2-sigma uncertainty of nitrogen isotopic results is 0.5 per mil, unless otherwise indicated. This means that if the same sample were resubmitted for isotopic analysis, the newly measured value would lie within the uncertainty bounds 95% of the time.

A-5.2 Oxygen Isotope Ratios in Nitrate

Oxygen isotope ratios are reported in per mil relative to VSMOW reference water and normalized on a scale such that SLAP reference water is -55.5 per mil (Coplen 1988; Coplen 1994). The oxygen isotopic compositions of oxygen-bearing internationally distributed isotopic reference materials analyzed by this laboratory are

VSMOW	water	0 (exactly)
SLAP	water	-55.5 (exactly)
IAEA-NO-3	KNO_3	+25.6
USGS32	KNO_3	+25.7
USGS34	KNO_3	-27.9
USGS35	$NaNO_3$	+57.5.

The 2-sigma uncertainty of oxygen isotopic results of nitrates is 1.0 per mil unless otherwise indicated. This means that if the same sample were resubmitted for isotopic analysis, the newly measured value would lie within the uncertainty bounds 95% of the time.

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Table A-1. Analytical results for WAG 10 wells for FY 2005.

Field Sample Number	Area	Location	Grid	Compound	Sample Result	Sample Error	Result Qualifier	Validation Flag	Sample Units	Date Sample Collected	Method Code	MDA	Filtered Metal Sample	L&V Report Number
GWM37301AV	MIDDLE INL	DH-1B	BASELINE WELLS	1,1,1,2-Tetrachloroethane	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM37301AV	MIDDLE INL	DH-1B	BASELINE WELLS	1,1,1-Trichloroethane	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM37301AV	MIDDLE INL	DH-1B	BASELINE WELLS	1,1,2,2-Tetrachloroethane	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM37301AV	MIDDLE INL	DH-1B	BASELINE WELLS	1,1,2-Trichloroethane	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM37301AV	MIDDLE INL	DH-1B	BASELINE WELLS	1,1-Dichloroethane	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM37301AV	MIDDLE INL	DH-1B	BASELINE WELLS	1,1-Dichloroethene	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM37301AV	MIDDLE INL	DH-1B	BASELINE WELLS	1,2,3-Trichloropropane	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM37301AV	MIDDLE INL	DH-1B	BASELINE WELLS	1,2-Dibromo-3-chloropropane	5		U	R	UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM37301AV	MIDDLE INL	DH-1B	BASELINE WELLS	1,2-Dibromoethane	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM37301AV	MIDDLE INL	DH-1B	BASELINE WELLS	1,2-Dichloroethane	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM37301AV	MIDDLE INL	DH-1B	BASELINE WELLS	1,2-Dichloropropane	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM37301AV	MIDDLE INL	DH-1B	BASELINE WELLS	1,4-Dioxane	80		U	R	UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM37301AV	MIDDLE INL	DH-1B	BASELINE WELLS	2-Butanone	10		U	R	UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM37301AV	MIDDLE INL	DH-1B	BASELINE WELLS	2-Hexanone	5		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM37301AV	MIDDLE INL	DH-1B	BASELINE WELLS	Acetone	10		U	R	UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM37301AV	MIDDLE INL	DH-1B	BASELINE WELLS	Acetonitrile	20		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM37301AV	MIDDLE INL	DH-1B	BASELINE WELLS	Acrolein	5		U	R	UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM37301AV	MIDDLE INL	DH-1B	BASELINE WELLS	Acrylonitrile	1		U	R	UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM37301AV	MIDDLE INL	DH-1B	BASELINE WELLS	Allyl chloride	5		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM373012X	MIDDLE INL	DH-1B	BASELINE WELLS	Aluminum	22.1		U		UG/L	07/19/2005	SW6010B		F	DNT-373-05
GWM37301RH	MIDDLE INL	DH-1B	BASELINE WELLS	Americium-241	5.15E+01	2.18E+01		UJ	PCI/L	07/19/2005	GMS	7.51E+01	F	SOS-TL289-05
GWM373012X	MIDDLE INL	DH-1B	BASELINE WELLS	Antimony	0.61		U		UG/L	07/19/2005	SW6020		F	DNT-373-05
GWM37301RH	MIDDLE INL	DH-1B	BASELINE WELLS	Antimony-125	-1.30E+01	8.13E+00		U	PCI/L	07/19/2005	GMS	2.58E+01	F	SOS-TL289-05
GWM373012X	MIDDLE INL	DH-1B	BASELINE WELLS	Arsenic	3.2				UG/L	07/19/2005	SW6020		F	DNT-373-05
GWM373012X	MIDDLE INL	DH-1B	BASELINE WELLS	Barium	43.7		B		UG/L	07/19/2005	SW6010B		F	DNT-373-05
GWM37301AV	MIDDLE INL	DH-1B	BASELINE WELLS	Benzene	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM373012X	MIDDLE INL	DH-1B	BASELINE WELLS	Beryllium	0.13		U		UG/L	07/19/2005	SW6020		F	DNT-373-05
GWM37301AN	MIDDLE INL	DH-1B	BASELINE WELLS	Bromide	0.25		U		MG/L	07/19/2005	E300		F	DNT-369-05
GWM37301AV	MIDDLE INL	DH-1B	BASELINE WELLS	Bromodichloromethane	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM37301AV	MIDDLE INL	DH-1B	BASELINE WELLS	Bromoform	2		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM37301AV	MIDDLE INL	DH-1B	BASELINE WELLS	Bromomethane	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM373012X	MIDDLE INL	DH-1B	BASELINE WELLS	Cadmium	0.067		U		UG/L	07/19/2005	SW6020		F	DNT-373-05
GWM373012X	MIDDLE INL	DH-1B	BASELINE WELLS	Calcium	28200				UG/L	07/19/2005	SW6010B		F	DNT-373-05
GWM37301AV	MIDDLE INL	DH-1B	BASELINE WELLS	Carbon disulfide	5		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM37301AV	MIDDLE INL	DH-1B	BASELINE WELLS	Carbon tetrachloride	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM37301RH	MIDDLE INL	DH-1B	BASELINE WELLS	Cerium-144	2.65E+00	2.06E+01		U	PCI/L	07/19/2005	GMS	7.31E+01	F	SOS-TL289-05
GWM37301RH	MIDDLE INL	DH-1B	BASELINE WELLS	Cesium-134	3.90E+00	2.89E+00		U	PCI/L	07/19/2005	GMS	1.24E+01	F	SOS-TL289-05
GWM37301RH	MIDDLE INL	DH-1B	BASELINE WELLS	Cesium-137	1.85E+00	2.84E+00		U	PCI/L	07/19/2005	GMS	1.13E+01	F	SOS-TL289-05
GWM37301AN	MIDDLE INL	DH-1B	BASELINE WELLS	Chloride	7				MG/L	07/19/2005	E300		F	DNT-369-05
GWM37301AV	MIDDLE INL	DH-1B	BASELINE WELLS	Chlorobenzene	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM37301AV	MIDDLE INL	DH-1B	BASELINE WELLS	Chloroethane	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM37301AV	MIDDLE INL	DH-1B	BASELINE WELLS	Chloroform	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM37301AV	MIDDLE INL	DH-1B	BASELINE WELLS	Chloromethane	5		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM37301AV	MIDDLE INL	DH-1B	BASELINE WELLS	Chloroprene	5		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM373012X	MIDDLE INL	DH-1B	BASELINE WELLS	Chromium	3.7		U		UG/L	07/19/2005	SW6020		F	DNT-373-05
GWM37301AV	MIDDLE INL	DH-1B	BASELINE WELLS	cis-1,2-Dichloroethene	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM37301AV	MIDDLE INL	DH-1B	BASELINE WELLS	cis-1,3-Dichloropropene	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM373012X	MIDDLE INL	DH-1B	BASELINE WELLS	Cobalt	2.8		U		UG/L	07/19/2005	SW6010B		F	DNT-373-05
GWM37301RH	MIDDLE INL	DH-1B	BASELINE WELLS	Cobalt-60	-2.03E-01	3.29E+00		U	PCI/L	07/19/2005	GMS	1.27E+01	F	SOS-TL289-05
GWM373012X	MIDDLE INL	DH-1B	BASELINE WELLS	Copper	1.1		U		UG/L	07/19/2005	SW6010B		F	DNT-373-05
GWM37301AV	MIDDLE INL	DH-1B	BASELINE WELLS	Dibromochloromethane	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM37301AV	MIDDLE INL	DH-1B	BASELINE WELLS	Dibromomethane	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM37301AV	MIDDLE INL	DH-1B	BASELINE WELLS	Dichlorodifluoromethane	5		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM37301AV	MIDDLE INL	DH-1B	BASELINE WELLS	Ethylbenzene	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM37301RH	MIDDLE INL	DH-1B	BASELINE WELLS	Europium-152	-2.49E+00	8.48E+00		U	PCI/L	07/19/2005	GMS	2.96E+01	F	SOS-TL289-05
GWM37301RH	MIDDLE INL	DH-1B	BASELINE WELLS	Europium-154	1.08E+01	6.76E+00		U	PCI/L	07/19/2005	GMS	3.18E+01	F	SOS-TL289-05
GWM37301RH	MIDDLE INL	DH-1B	BASELINE WELLS	Europium-155	-9.29E+00	1.03E+01		U	PCI/L	07/19/2005	GMS	3.55E+01	F	SOS-TL289-05

Table A-1. (continued).

Field Sample Number	Area	Location	Grid	Compound	Sample Result	Sample Error	Result Qualifier	Validation Flag	Sample Units	Date Sample Collected	Method Code	MDA	Filtered Metal Sample	L&V Report Number
GWM37301AN	MIDDLE INL	DH-1B	BASELINE WELLS	Fluoride	0.097		B		MG/L	07/19/2005	E300		F	DNT-369-05
GWM37301RH	MIDDLE INL	DH-1B	BASELINE WELLS	Gross Alpha	4.68E+00	8.26E-01			PCI/L	07/19/2005	GAB	1.61E+00	F	SOS-TL289-05
GWM37301RH	MIDDLE INL	DH-1B	BASELINE WELLS	Gross Beta	5.98E+00	9.05E-01			PCI/L	07/19/2005	GAB	2.78E+00	F	SOS-TL289-05
GWM37301UX	MIDDLE INL	DH-1B	BASELINE WELLS	Iodine-129	8.23E-02	3.72E-02		UJ	PCI/L	07/19/2005	GMS	1.25E-01	F	SOS-TL238-05
GWM373012X	MIDDLE INL	DH-1B	BASELINE WELLS	Iron	26.7		B		UG/L	07/19/2005	SW6010B		F	DNT-373-05
GWM37301AV	MIDDLE INL	DH-1B	BASELINE WELLS	Isobutyl alcohol	80		U	R	UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM373012X	MIDDLE INL	DH-1B	BASELINE WELLS	Lead	1.1		U		UG/L	07/19/2005	SW6010B		F	DNT-373-05
GWM373012X	MIDDLE INL	DH-1B	BASELINE WELLS	Lithium	5		B		UG/L	07/19/2005	SW6010B		F	DNT-373-05
GWM373012X	MIDDLE INL	DH-1B	BASELINE WELLS	Magnesium	14300				UG/L	07/19/2005	SW6010B		F	DNT-373-05
GWM373012X	MIDDLE INL	DH-1B	BASELINE WELLS	Manganese	14.6				UG/L	07/19/2005	SW6020		F	DNT-373-05
GWM37301RH	MIDDLE INL	DH-1B	BASELINE WELLS	Manganese-54	2.80E+00	3.20E+00		U	PCI/L	07/19/2005	GMS	1.28E+01	F	SOS-TL289-05
GWM373012X	MIDDLE INL	DH-1B	BASELINE WELLS	Mercury	0.1		U		UG/L	07/19/2005	SW7470A		F	DNT-373-05
GWM37301AV	MIDDLE INL	DH-1B	BASELINE WELLS	Methacrylonitrile	5		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM37301AV	MIDDLE INL	DH-1B	BASELINE WELLS	Methyl iodide	2		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM37301AV	MIDDLE INL	DH-1B	BASELINE WELLS	Methyl isobutyl ketone	5		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM37301AV	MIDDLE INL	DH-1B	BASELINE WELLS	Methylene Chloride	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM37301AV	MIDDLE INL	DH-1B	BASELINE WELLS	Methylmethacrylate	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM373012X	MIDDLE INL	DH-1B	BASELINE WELLS	Molybdenum	3.7		U		UG/L	07/19/2005	SW6010B		F	DNT-373-05
GWM373012X	MIDDLE INL	DH-1B	BASELINE WELLS	Nickel	3.2		U		UG/L	07/19/2005	SW6010B		F	DNT-373-05
GWM37301RH	MIDDLE INL	DH-1B	BASELINE WELLS	Niobium-94	-3.33E+00	2.55E+00		U	PCI/L	07/19/2005	GMS	8.73E+00	F	SOS-TL289-05
GWM37301RH	MIDDLE INL	DH-1B	BASELINE WELLS	Niobium-95	1.15E+00	4.42E+00		U	PCI/L	07/19/2005	GMS	1.73E+01	F	SOS-TL289-05
GWM37301N2	MIDDLE INL	DH-1B	BASELINE WELLS	Nitrate/Nitrite as N	0.56				MG/L	07/19/2005	E353.1		F	DNT-370-05
GWM373012X	MIDDLE INL	DH-1B	BASELINE WELLS	Potassium	961		U		UG/L	07/19/2005	SW6010B		F	DNT-373-05
GWM37301AV	MIDDLE INL	DH-1B	BASELINE WELLS	Propionitrile	5		U	R	UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM37301RH	MIDDLE INL	DH-1B	BASELINE WELLS	Ruthenium-106	1.59E+01	2.69E+01		U	PCI/L	07/19/2005	GMS	9.57E+01	F	SOS-TL289-05
GWM373012X	MIDDLE INL	DH-1B	BASELINE WELLS	Selenium	2		U		UG/L	07/19/2005	SW6010B		F	DNT-373-05
GWM373012X	MIDDLE INL	DH-1B	BASELINE WELLS	Silicon	9350		N		UG/L	07/19/2005	SW6010B		F	DNT-373-05
GWM373012X	MIDDLE INL	DH-1B	BASELINE WELLS	Silver	1.5		U		UG/L	07/19/2005	SW6020		F	DNT-373-05
GWM37301RH	MIDDLE INL	DH-1B	BASELINE WELLS	Silver-108m	-6.47E+00	2.55E+00		U	PCI/L	07/19/2005	GMS	7.31E+00	F	SOS-TL289-05
GWM37301RH	MIDDLE INL	DH-1B	BASELINE WELLS	Silver-110m	6.92E-02	2.88E+00		U	PCI/L	07/19/2005	GMS	1.10E+01	F	SOS-TL289-05
GWM373012X	MIDDLE INL	DH-1B	BASELINE WELLS	Sodium	10400				UG/L	07/19/2005	SW6010B		F	DNT-373-05
GWM373012X	MIDDLE INL	DH-1B	BASELINE WELLS	Strontium	171		B		UG/L	07/19/2005	SW6010B		F	DNT-373-05
GWM37301RH	MIDDLE INL	DH-1B	BASELINE WELLS	Strontium-90	2.82E-01	1.31E-01		UJ	PCI/L	07/19/2005	SRR	5.24E-01	F	SOS-TL289-05
GWM37301AV	MIDDLE INL	DH-1B	BASELINE WELLS	Styrene	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM37301AN	MIDDLE INL	DH-1B	BASELINE WELLS	Sulfate	19.5				MG/L	07/19/2005	E300		F	DNT-369-05
GWM37301RH	MIDDLE INL	DH-1B	BASELINE WELLS	Technetium-99	2.32E+00	2.00E+00		U	PCI/L	07/19/2005	LSC	6.63E+00	F	SOS-TL289-05
GWM37301AV	MIDDLE INL	DH-1B	BASELINE WELLS	Tetrachloroethene	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM373012X	MIDDLE INL	DH-1B	BASELINE WELLS	Thallium	0.22		U		UG/L	07/19/2005	SW6020		F	DNT-373-05
GWM373012X	MIDDLE INL	DH-1B	BASELINE WELLS	Tin	3.9		U		UG/L	07/19/2005	SW6010B		F	DNT-373-05
GWM37301AV	MIDDLE INL	DH-1B	BASELINE WELLS	Toluene	7.3				UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM37301A1	MIDDLE INL	DH-1B	BASELINE WELLS	Total Alkalinity	127				MG/L	07/19/2005	E310.1		F	DNT-369-05
GWM37301AV	MIDDLE INL	DH-1B	BASELINE WELLS	trans-1,2-Dichloroethene	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM37301AV	MIDDLE INL	DH-1B	BASELINE WELLS	trans-1,3-Dichloropropene	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM37301AV	MIDDLE INL	DH-1B	BASELINE WELLS	trans-1,4-Dichloro-2-butene	5		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM37301AV	MIDDLE INL	DH-1B	BASELINE WELLS	Trichloroethene	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM37301AV	MIDDLE INL	DH-1B	BASELINE WELLS	Trichlorofluoromethane	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM37301R8	MIDDLE INL	DH-1B	BASELINE WELLS	Tritium	-5.89E+01	1.21E+02		U	PCI/L	07/19/2005	LSC	4.13E+02	F	SOS-TL289-05
GWM373012X	MIDDLE INL	DH-1B	BASELINE WELLS	Uranium	1.6		B		UG/L	07/19/2005	SW6020		F	DNT-373-05
GWM37301RH	MIDDLE INL	DH-1B	BASELINE WELLS	Uranium-233/234	2.25E+00	3.89E-01			PCI/L	07/19/2005	ALS	3.06E-01	F	SOS-TL289-05
GWM37301RH	MIDDLE INL	DH-1B	BASELINE WELLS	Uranium-235	1.81E-01	1.27E-01		U	PCI/L	07/19/2005	ALS	4.46E-01	F	SOS-TL289-05
GWM37301RH	MIDDLE INL	DH-1B	BASELINE WELLS	Uranium-238	1.02E+00	2.55E-01			PCI/L	07/19/2005	ALS	3.61E-01	F	SOS-TL289-05
GWM373012X	MIDDLE INL	DH-1B	BASELINE WELLS	Vanadium	4.8		B		UG/L	07/19/2005	SW6010B		F	DNT-373-05
GWM37301AV	MIDDLE INL	DH-1B	BASELINE WELLS	Vinyl Acetate	2		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM37301AV	MIDDLE INL	DH-1B	BASELINE WELLS	Vinyl Chloride	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM37301AV	MIDDLE INL	DH-1B	BASELINE WELLS	Xylene (Total)	3		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM373012X	MIDDLE INL	DH-1B	BASELINE WELLS	Zinc	4.2		B		UG/L	07/19/2005	SW6010B		F	DNT-373-05

Table A-1. (continued).

Field Sample Number	Area	Location	Grid	Compound	Sample Result	Sample Error	Result Qualifier	Validation Flag	Sample Units	Date Sample Collected	Method Code	MDA	Filtered Metal Sample	L&V Report Number
GWM37301RH	MIDDLE INL	DH-1B	BASELINE WELLS	Zinc-65	-1.04E+01	6.02E+00		U	PCI/L	07/19/2005	GMS	1.88E+01	F	SOS-TL289-05
GWM37501AV	INL	FIELD BLANK		1,1,1,2-Tetrachloroethane	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37601AV	INL	FIELD BLANK		1,1,1,2-Tetrachloroethane	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM37501AV	INL	FIELD BLANK		1,1,1-Trichloroethane	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37601AV	INL	FIELD BLANK		1,1,1-Trichloroethane	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM37501AV	INL	FIELD BLANK		1,1,2,2-Tetrachloroethane	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37601AV	INL	FIELD BLANK		1,1,2,2-Tetrachloroethane	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM37501AV	INL	FIELD BLANK		1,1,2-Trichloroethane	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37601AV	INL	FIELD BLANK		1,1,2-Trichloroethane	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM37501AV	INL	FIELD BLANK		1,1-Dichloroethane	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37601AV	INL	FIELD BLANK		1,1-Dichloroethane	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM37501AV	INL	FIELD BLANK		1,1-Dichloroethene	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37601AV	INL	FIELD BLANK		1,1-Dichloroethene	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM37501AV	INL	FIELD BLANK		1,2,3-Trichloropropane	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37601AV	INL	FIELD BLANK		1,2,3-Trichloropropane	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM37501AV	INL	FIELD BLANK		1,2-Dibromo-3-chloropropane	5		U	R	UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37601AV	INL	FIELD BLANK		1,2-Dibromo-3-chloropropane	5		U	R	UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM37501AV	INL	FIELD BLANK		1,2-Dibromoethane	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37601AV	INL	FIELD BLANK		1,2-Dibromoethane	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM37501AV	INL	FIELD BLANK		1,2-Dichloroethane	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37601AV	INL	FIELD BLANK		1,2-Dichloroethane	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM37501AV	INL	FIELD BLANK		1,2-Dichloropropane	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37601AV	INL	FIELD BLANK		1,2-Dichloropropane	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM37501AV	INL	FIELD BLANK		1,4-Dioxane	80		U	R	UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37601AV	INL	FIELD BLANK		1,4-Dioxane	80		U	R	UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM37501AV	INL	FIELD BLANK		2-Butanone	10		U	R	UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37601AV	INL	FIELD BLANK		2-Butanone	10		U	R	UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM37501AV	INL	FIELD BLANK		2-Hexanone	5		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37601AV	INL	FIELD BLANK		2-Hexanone	5		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM37501AV	INL	FIELD BLANK		Acetone	10		U	R	UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37601AV	INL	FIELD BLANK		Acetone	10		U	R	UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM37501AV	INL	FIELD BLANK		Acetonitrile	20		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37601AV	INL	FIELD BLANK		Acetonitrile	20		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM37501AV	INL	FIELD BLANK		Acrolein	5		U	R	UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37601AV	INL	FIELD BLANK		Acrolein	5		U	R	UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM37501AV	INL	FIELD BLANK		Acrylonitrile	1		U	R	UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37601AV	INL	FIELD BLANK		Acrylonitrile	1		U	R	UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM37501AV	INL	FIELD BLANK		Allyl chloride	5		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37601AV	INL	FIELD BLANK		Allyl chloride	5		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM375012X	INL	FIELD BLANK		Aluminum	22.1		U		UG/L	06/21/2005	SW6010B		T	DNT-343-05
GWM376012X	INL	FIELD BLANK		Aluminum	30.2		B	U	UG/L	07/27/2005	SW6010B		F	DNT-385-05
GWM37501RH	INL	FIELD BLANK		Americium-241	-6.31E+00	7.34E+00		U	PCI/L	06/21/2005	GMS	2.35E+01	F	SOS-TL259-05
GWM37601RH	INL	FIELD BLANK		Americium-241	-1.33E+01	1.76E+01		U	PCI/L	07/27/2005	GMS	5.24E+01	F	SOS-TL247-05
GWM375012X	INL	FIELD BLANK		Antimony	4.1		B		UG/L	06/21/2005	SW6020		T	DNT-343-05
GWM376012X	INL	FIELD BLANK		Antimony	0.61		U		UG/L	07/27/2005	SW6020		F	DNT-385-05
GWM37501RH	INL	FIELD BLANK		Antimony-125	6.94E+00	3.88E+00		U	PCI/L	06/21/2005	GMS	1.44E+01	F	SOS-TL259-05
GWM37601RH	INL	FIELD BLANK		Antimony-125	6.10E+00	8.98E+00		U	PCI/L	07/27/2005	GMS	3.22E+01	F	SOS-TL247-05
GWM375012X	INL	FIELD BLANK		Arsenic	1.8		U		UG/L	06/21/2005	SW6020		T	DNT-343-05
GWM376012X	INL	FIELD BLANK		Arsenic	1.8		U		UG/L	07/27/2005	SW6020		F	DNT-385-05
GWM375012X	INL	FIELD BLANK		Barium	0.85		U		UG/L	06/21/2005	SW6010B		T	DNT-343-05
GWM376012X	INL	FIELD BLANK		Barium	0.85		U		UG/L	07/27/2005	SW6010B		F	DNT-385-05
GWM37501AV	INL	FIELD BLANK		Benzene	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM376012X	INL	FIELD BLANK		Beryllium	0.13		U		UG/L	07/27/2005	SW6020		F	DNT-385-05
GWM37601AV	INL	FIELD BLANK		Benzene	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM375012X	INL	FIELD BLANK		Beryllium	0.13		U		UG/L	06/21/2005	SW6020		T	DNT-343-05

Table A-1. (continued).

Field Sample Number	Area	Location	Grid	Compound	Sample Result	Sample Error	Result Qualifier	Validation Flag	Sample Units	Date Sample Collected	Method Code	MDA	Filtered Metal Sample	L&V Report Number
GWM37501AN	INL	FIELD BLANK		Bromide	0.25		U		MG/L	06/21/2005	E300		F	DNT-347-05
GWM37601AN	INL	FIELD BLANK		Bromide	0.25		U		MG/L	07/27/2005	E300		F	DNT-386-05
GWM37501AV	INL	FIELD BLANK		Bromodichloromethane	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37601AV	INL	FIELD BLANK		Bromodichloromethane	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM37501AV	INL	FIELD BLANK		Bromoform	2		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37601AV	INL	FIELD BLANK		Bromoform	2		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM37501AV	INL	FIELD BLANK		Bromomethane	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37601AV	INL	FIELD BLANK		Bromomethane	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM375012X	INL	FIELD BLANK		Cadmium	0.067		U		UG/L	06/21/2005	SW6020		T	DNT-343-05
GWM376012X	INL	FIELD BLANK		Cadmium	0.067		U		UG/L	07/27/2005	SW6020		F	DNT-385-05
GWM375012X	INL	FIELD BLANK		Calcium	38.5		B	U	UG/L	06/21/2005	SW6010B		T	DNT-343-05
GWM376012X	INL	FIELD BLANK		Calcium	60.4		B	U	UG/L	07/27/2005	SW6010B		F	DNT-385-05
GWM37501AV	INL	FIELD BLANK		Carbon disulfide	5		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37601AV	INL	FIELD BLANK		Carbon disulfide	5		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM37501AV	INL	FIELD BLANK		Carbon tetrachloride	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37601AV	INL	FIELD BLANK		Carbon tetrachloride	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM37501RH	INL	FIELD BLANK		Cerium-144	-5.12E+00	8.98E+00		U	PCI/L	06/21/2005	GMS	3.13E+01	F	SOS-TL259-05
GWM37601RH	INL	FIELD BLANK		Cerium-144	2.66E+00	1.80E+01		U	PCI/L	07/27/2005	GMS	6.49E+01	F	SOS-TL247-05
GWM37501RH	INL	FIELD BLANK		Cesium-134	5.11E-01	1.30E+00		U	PCI/L	06/21/2005	GMS	5.05E+00	F	SOS-TL259-05
GWM37601RH	INL	FIELD BLANK		Cesium-134	8.40E-01	3.10E+00		U	PCI/L	07/27/2005	GMS	1.19E+01	F	SOS-TL247-05
GWM37501RH	INL	FIELD BLANK		Cesium-137	-5.89E-01	1.46E+00		U	PCI/L	06/21/2005	GMS	5.24E+00	F	SOS-TL259-05
GWM37601RH	INL	FIELD BLANK		Cesium-137	1.79E+00	2.90E+00		U	PCI/L	07/27/2005	GMS	1.13E+01	F	SOS-TL247-05
GWM37501AN	INL	FIELD BLANK		Chloride	0.2		U		MG/L	06/21/2005	E300		F	DNT-347-05
GWM37601AN	INL	FIELD BLANK		Chloride	0.2		U		MG/L	07/27/2005	E300		F	DNT-386-05
GWM37501AV	INL	FIELD BLANK		Chlorobenzene	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37601AV	INL	FIELD BLANK		Chlorobenzene	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM37501AV	INL	FIELD BLANK		Chloroethane	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37601AV	INL	FIELD BLANK		Chloroethane	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM37501AV	INL	FIELD BLANK		Chloroform	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37601AV	INL	FIELD BLANK		Chloroform	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM37501AV	INL	FIELD BLANK		Chloromethane	5		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37601AV	INL	FIELD BLANK		Chloromethane	5		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM37501AV	INL	FIELD BLANK		Chloroprene	5		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37601AV	INL	FIELD BLANK		Chloroprene	5		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM375012X	INL	FIELD BLANK		Chromium	4.2		B	U	UG/L	06/21/2005	SW6020		T	DNT-343-05
GWM376012X	INL	FIELD BLANK		Chromium	3.7		U		UG/L	07/27/2005	SW6020		F	DNT-385-05
GWM37501AV	INL	FIELD BLANK		cis-1,2-Dichloroethene	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37601AV	INL	FIELD BLANK		cis-1,2-Dichloroethene	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM37501AV	INL	FIELD BLANK		cis-1,3-Dichloropropene	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37601AV	INL	FIELD BLANK		cis-1,3-Dichloropropene	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM375012X	INL	FIELD BLANK		Cobalt	2.8		U		UG/L	06/21/2005	SW6010B		T	DNT-343-05
GWM376012X	INL	FIELD BLANK		Cobalt	2.8		U		UG/L	07/27/2005	SW6010B		F	DNT-385-05
GWM37501RH	INL	FIELD BLANK		Cobalt-60	-2.01E+00	1.62E+00		U	PCI/L	06/21/2005	GMS	4.42E+00	F	SOS-TL259-05
GWM37601RH	INL	FIELD BLANK		Cobalt-60	-4.80E+00	2.76E+00		U	PCI/L	07/27/2005	GMS	8.83E+00	F	SOS-TL247-05
GWM375012X	INL	FIELD BLANK		Copper	8.6		B		UG/L	06/21/2005	SW6010B		T	DNT-343-05
GWM376012X	INL	FIELD BLANK		Copper	9.2		B		UG/L	07/27/2005	SW6010B		F	DNT-385-05
GWM37501AV	INL	FIELD BLANK		Dibromochloromethane	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37601AV	INL	FIELD BLANK		Dibromochloromethane	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM37501AV	INL	FIELD BLANK		Dibromomethane	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37601AV	INL	FIELD BLANK		Dibromomethane	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM37501AV	INL	FIELD BLANK		Dichlorodifluoromethane	5		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37601AV	INL	FIELD BLANK		Dichlorodifluoromethane	5		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM37501AV	INL	FIELD BLANK		Ethylbenzene	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37601AV	INL	FIELD BLANK		Ethylbenzene	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM37501RH	INL	FIELD BLANK		Europium-152	-3.81E+00	3.72E+00		U	PCI/L	06/21/2005	GMS	1.22E+01	F	SOS-TL259-05

Table A-1. (continued).

Field Sample Number	Area	Location	Grid	Compound	Sample Result	Sample Error	Result Qualifier	Validation Flag	Sample Units	Date Sample Collected	Method Code	MDA	Filtered Metal Sample	L&V Report Number
GWM37601RH	INL	FIELD BLANK		Europium-152	-8.05E+00	9.47E+00		U	PCI/L	07/27/2005	GMS	3.15E+01	F	SOS-TL247-05
GWM37501RH	INL	FIELD BLANK		Europium-154	-1.77E+00	3.45E+00		U	PCI/L	06/21/2005	GMS	1.12E+01	F	SOS-TL259-05
GWM37601RH	INL	FIELD BLANK		Europium-154	-1.62E+01	9.16E+00		U	PCI/L	07/27/2005	GMS	2.97E+01	F	SOS-TL247-05
GWM37501RH	INL	FIELD BLANK		Europium-155	-6.52E+00	4.55E+00		U	PCI/L	06/21/2005	GMS	1.55E+01	F	SOS-TL259-05
GWM37601RH	INL	FIELD BLANK		Europium-155	1.56E+01	1.26E+01		U	PCI/L	07/27/2005	GMS	3.43E+01	F	SOS-TL247-05
GWM37501AN	INL	FIELD BLANK		Fluoride	0.1		U		MG/L	06/21/2005	E300		F	DNT-347-05
GWM37601AN	INL	FIELD BLANK		Fluoride	0.1		U		MG/L	07/27/2005	E300		F	DNT-386-05
GWM37501RH	INL	FIELD BLANK		Gross Alpha	8.37E-01	5.50E-01		U	PCI/L	06/21/2005	GAB	2.10E+00	F	SOS-TL259-05
GWM37601RH	INL	FIELD BLANK		Gross Alpha	2.58E-01	3.31E-01		U	PCI/L	07/27/2005	GAB	1.52E+00	F	SOS-TL247-05
GWM37501RH	INL	FIELD BLANK		Gross Beta	1.28E+00	6.66E-01		U	PCI/L	06/21/2005	GAB	2.66E+00	F	SOS-TL259-05
GWM37601RH	INL	FIELD BLANK		Gross Beta	-5.32E-02	6.34E-01		U	PCI/L	07/27/2005	GAB	2.90E+00	F	SOS-TL247-05
GWM37501UX	INL	FIELD BLANK		Iodine-129	5.28E-02	3.07E-02		U	PCI/L	06/21/2005	GMS	7.60E-02	F	SOS-TL211-05
GWM37601UX	INL	FIELD BLANK		Iodine-129	-7.89E-03	1.76E-02		U	PCI/L	07/27/2005	GMS	5.36E-02	F	SOS-TL247-05
GWM375012X	INL	FIELD BLANK		Iron	7.4		U		UG/L	06/21/2005	SW6010B		T	DNT-343-05
GWM376012X	INL	FIELD BLANK		Iron	7.4		U		UG/L	07/27/2005	SW6010B		F	DNT-385-05
GWM37501AV	INL	FIELD BLANK		Isobutyl alcohol	80		U	R	UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37601AV	INL	FIELD BLANK		Isobutyl alcohol	80		U	R	UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM375012X	INL	FIELD BLANK		Lead	1.3		B	U	UG/L	06/21/2005	SW6010B		T	DNT-343-05
GWM376012X	INL	FIELD BLANK		Lead	1.1		U		UG/L	07/27/2005	SW6010B		F	DNT-385-05
GWM375012X	INL	FIELD BLANK		Lithium	3		U		UG/L	06/21/2005	SW6010B		T	DNT-343-05
GWM376012X	INL	FIELD BLANK		Lithium	10.6		B	U	UG/L	07/27/2005	SW6010B		F	DNT-385-05
GWM375012X	INL	FIELD BLANK		Magnesium	45.7		U		UG/L	06/21/2005	SW6010B		T	DNT-343-05
GWM376012X	INL	FIELD BLANK		Magnesium	45.7		U		UG/L	07/27/2005	SW6010B		F	DNT-385-05
GWM375012X	INL	FIELD BLANK		Manganese	0.54		U		UG/L	06/21/2005	SW6020		T	DNT-343-05
GWM376012X	INL	FIELD BLANK		Manganese	0.54		U		UG/L	07/27/2005	SW6020		F	DNT-385-05
GWM37501RH	INL	FIELD BLANK		Manganese-54	-4.15E-01	1.30E+00		U	PCI/L	06/21/2005	GMS	4.71E+00	F	SOS-TL259-05
GWM37601RH	INL	FIELD BLANK		Manganese-54	-9.40E-02	2.79E+00		U	PCI/L	07/27/2005	GMS	1.04E+01	F	SOS-TL247-05
GWM375012X	INL	FIELD BLANK		Mercury	0.16		B	U	UG/L	06/21/2005	SW7470A		T	DNT-343-05
GWM376012X	INL	FIELD BLANK		Mercury	0.1		U		UG/L	07/27/2005	SW7470A		F	DNT-385-05
GWM37501AV	INL	FIELD BLANK		Methacrylonitrile	5		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37601AV	INL	FIELD BLANK		Methacrylonitrile	5		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM37501AV	INL	FIELD BLANK		Methyl iodide	2		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37601AV	INL	FIELD BLANK		Methyl iodide	2		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM37501AV	INL	FIELD BLANK		Methyl isobutyl ketone	5		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37601AV	INL	FIELD BLANK		Methyl isobutyl ketone	5		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM37501AV	INL	FIELD BLANK		Methylene Chloride	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37601AV	INL	FIELD BLANK		Methylene Chloride	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM37501AV	INL	FIELD BLANK		Methylmethacrylate	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37601AV	INL	FIELD BLANK		Methylmethacrylate	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM375012X	INL	FIELD BLANK		Molybdenum	3.7		U		UG/L	06/21/2005	SW6010B		T	DNT-343-05
GWM376012X	INL	FIELD BLANK		Molybdenum	3.7		U		UG/L	07/27/2005	SW6010B		F	DNT-385-05
GWM375012X	INL	FIELD BLANK		Nickel	3.2		U		UG/L	06/21/2005	SW6010B		T	DNT-343-05
GWM376012X	INL	FIELD BLANK		Nickel	3.2		U		UG/L	07/27/2005	SW6010B		F	DNT-385-05
GWM37501RH	INL	FIELD BLANK		Niobium-94	6.76E-01	1.26E+00		U	PCI/L	06/21/2005	GMS	4.81E+00	F	SOS-TL259-05
GWM37601RH	INL	FIELD BLANK		Niobium-94	1.63E+01	4.65E+00		UJ	PCI/L	07/27/2005	GMS	1.16E+01	F	SOS-TL247-05
GWM37501RH	INL	FIELD BLANK		Niobium-95	1.40E+00	1.87E+00		U	PCI/L	06/21/2005	GMS	7.30E+00	F	SOS-TL259-05
GWM37601RH	INL	FIELD BLANK		Niobium-95	2.17E+01	7.75E+00		UJ	PCI/L	07/27/2005	GMS	1.41E+01	F	SOS-TL247-05
GWM37501N2	INL	FIELD BLANK		Nitrate/Nitrite as N	0.05		U		MG/L	06/21/2005	E353.1		F	DNT-347-05
GWM37601N2	INL	FIELD BLANK		Nitrate/Nitrite as N	0.05		U		MG/L	07/27/2005	E353.1		F	DNT-386-05
GWM375012X	INL	FIELD BLANK		Potassium	961		U		UG/L	06/21/2005	SW6010B		T	DNT-343-05
GWM376012X	INL	FIELD BLANK		Potassium	961		U		UG/L	07/27/2005	SW6010B		F	DNT-385-05
GWM37501AV	INL	FIELD BLANK		Propionitrile	5		U	R	UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37601AV	INL	FIELD BLANK		Propionitrile	5		U	R	UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM37501RH	INL	FIELD BLANK		Ruthenium-106	1.00E+00	1.02E+01		U	PCI/L	06/21/2005	GMS	3.89E+01	F	SOS-TL259-05
GWM37601RH	INL	FIELD BLANK		Ruthenium-106	4.39E+01	2.82E+01		U	PCI/L	07/27/2005	GMS	1.13E+02	F	SOS-TL247-05
GWM375012X	INL	FIELD BLANK		Selenium	2		U		UG/L	06/21/2005	SW6010B		T	DNT-343-05

Table A-1. (continued).

Field Sample Number	Area	Location	Grid	Compound	Sample Result	Sample Error	Result Qualifier	Validation Flag	Sample Units	Date Sample Collected	Method Code	MDA	Filtered Metal Sample	L&V Report Number
GWM376012X	INL	FIELD BLANK		Selenium	2		U		UG/L	07/27/2005	SW6010B		F	DNT-385-05
GWM375012X	INL	FIELD BLANK		Silicon	5.6		BN		UG/L	06/21/2005	SW6010B		T	DNT-343-05
GWM376012X	INL	FIELD BLANK		Silicon	5.4		U	UJ	UG/L	07/27/2005	SW6010B		F	DNT-385-05
GWM375012X	INL	FIELD BLANK		Silver	1.5		U		UG/L	06/21/2005	SW6020		T	DNT-343-05
GWM376012X	INL	FIELD BLANK		Silver	1.5		U		UG/L	07/27/2005	SW6020		F	DNT-385-05
GWM37501RH	INL	FIELD BLANK		Silver-108m	2.84E+00	1.24E+00		UJ	PCI/L	06/21/2005	GMS	5.17E+00	F	SOS-TL259-05
GWM37601RH	INL	FIELD BLANK		Silver-108m	-7.91E-01	3.57E+00		U	PCI/L	07/27/2005	GMS	1.08E+01	F	SOS-TL247-05
GWM37501RH	INL	FIELD BLANK		Silver-110m	1.82E+00	1.21E+00		U	PCI/L	06/21/2005	GMS	5.02E+00	F	SOS-TL259-05
GWM37601RH	INL	FIELD BLANK		Silver-110m	-2.06E+00	3.30E+00		U	PCI/L	07/27/2005	GMS	1.01E+01	F	SOS-TL247-05
GWM375012X	INL	FIELD BLANK		Sodium	58.5		U		UG/L	06/21/2005	SW6010B		T	DNT-343-05
GWM376012X	INL	FIELD BLANK		Sodium	105		B	U	UG/L	07/27/2005	SW6010B		F	DNT-385-05
GWM375012X	INL	FIELD BLANK		Strontium	8.1		B		UG/L	06/21/2005	SW6010B		T	DNT-343-05
GWM376012X	INL	FIELD BLANK		Strontium	0.63		U		UG/L	07/27/2005	SW6010B		F	DNT-385-05
GWM37501RH	INL	FIELD BLANK		Strontium-90	3.96E-01	1.31E-01		UJ	PCI/L	06/21/2005	GFP	4.81E-01	F	SOS-TL259-05
GWM37601RH	INL	FIELD BLANK		Strontium-90	-3.40E-02	1.17E-01		U	PCI/L	07/27/2005	SRR	5.66E-01	F	SOS-TL247-05
GWM37501AV	INL	FIELD BLANK		Styrene	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37601AV	INL	FIELD BLANK		Styrene	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM37501AN	INL	FIELD BLANK		Sulfate	0.5		U		MG/L	06/21/2005	E300		F	DNT-347-05
GWM37601AN	INL	FIELD BLANK		Sulfate	0.5		U		MG/L	07/27/2005	E300		F	DNT-386-05
GWM37501RH	INL	FIELD BLANK		Technetium-99	8.34E-01	2.11E+00		U	PCI/L	06/21/2005	LSC	7.05E+00	F	SOS-TL259-05
GWM37601RH	INL	FIELD BLANK		Technetium-99	-6.16E-01	1.83E+00		U	PCI/L	07/27/2005	LSC	6.20E+00	F	SOS-TL247-05
GWM37501AV	INL	FIELD BLANK		Tetrachloroethene	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37601AV	INL	FIELD BLANK		Tetrachloroethene	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM375012X	INL	FIELD BLANK		Thallium	1.3			U	UG/L	06/21/2005	SW6020		T	DNT-343-05
GWM376012X	INL	FIELD BLANK		Thallium	0.22		U		UG/L	07/27/2005	SW6020		F	DNT-385-05
GWM375012X	INL	FIELD BLANK		Tin	3.9		U		UG/L	06/21/2005	SW6010B		T	DNT-343-05
GWM376012X	INL	FIELD BLANK		Tin	3.9		U		UG/L	07/27/2005	SW6010B		F	DNT-385-05
GWM37501AV	INL	FIELD BLANK		Toluene	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37601AV	INL	FIELD BLANK		Toluene	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM37501A1	INL	FIELD BLANK		Total Alkalinity	5		U		MG/L	06/21/2005	E310.1		F	DNT-347-05
GWM37601A1	INL	FIELD BLANK		Total Alkalinity	5		U	UJ	MG/L	07/27/2005	E310.1		F	DNT-386-05
GWM37501AV	INL	FIELD BLANK		trans-1,2-Dichloroethene	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37601AV	INL	FIELD BLANK		trans-1,2-Dichloroethene	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM37501AV	INL	FIELD BLANK		trans-1,3-Dichloropropene	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37601AV	INL	FIELD BLANK		trans-1,3-Dichloropropene	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM37501AV	INL	FIELD BLANK		trans-1,4-Dichloro-2-butene	5		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37601AV	INL	FIELD BLANK		trans-1,4-Dichloro-2-butene	5		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM37501AV	INL	FIELD BLANK		Trichloroethene	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37601AV	INL	FIELD BLANK		Trichloroethene	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM37501AV	INL	FIELD BLANK		Trichlorofluoromethane	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37601AV	INL	FIELD BLANK		Trichlorofluoromethane	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM37501R8	INL	FIELD BLANK		Tritium	5.12E+01	8.36E+01		U	PCI/L	06/21/2005	LSC	2.80E+02	F	SOS-TL213-05
GWM37601R8	INL	FIELD BLANK		Tritium	1.30E+02	1.16E+02		U	PCI/L	07/27/2005	LSC	3.83E+02	F	SOS-TL247-05
GWM375012X	INL	FIELD BLANK		Uranium	0.14		U		UG/L	06/21/2005	SW6020		T	DNT-343-05
GWM376012X	INL	FIELD BLANK		Uranium	0.14		U		UG/L	07/27/2005	SW6020		F	DNT-385-05
GWM37501RH	INL	FIELD BLANK		Uranium-233/234	-1.69E-03	1.67E-02		U	PCI/L	06/21/2005	ALS	1.04E-01	F	SOS-TL259-05
GWM37601RH	INL	FIELD BLANK		Uranium-233/234	1.41E-01	8.86E-02		U	PCI/L	07/27/2005	ALS	3.27E-01	F	SOS-TL247-05
GWM37501RH	INL	FIELD BLANK		Uranium-235	2.67E-02	1.88E-02		U	PCI/L	06/21/2005	ALS	6.58E-02	F	SOS-TL259-05
GWM37601RH	INL	FIELD BLANK		Uranium-235	2.23E-02	4.53E-02		U	PCI/L	07/27/2005	ALS	2.67E-01	F	SOS-TL247-05
GWM37501RH	INL	FIELD BLANK		Uranium-238	1.35E-02	1.56E-02		U	PCI/L	06/21/2005	ALS	7.33E-02	F	SOS-TL259-05
GWM37601RH	INL	FIELD BLANK		Uranium-238	4.44E-02	5.12E-02		U	PCI/L	07/27/2005	ALS	2.41E-01	F	SOS-TL247-05
GWM375012X	INL	FIELD BLANK		Vanadium	2.5		U		UG/L	06/21/2005	SW6010B		T	DNT-343-05
GWM376012X	INL	FIELD BLANK		Vanadium	2.5		U		UG/L	07/27/2005	SW6010B		F	DNT-385-05
GWM37501AV	INL	FIELD BLANK		Vinyl Acetate	2		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37601AV	INL	FIELD BLANK		Vinyl Acetate	2		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM37501AV	INL	FIELD BLANK		Vinyl Chloride	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05

Table A-1. (continued).

Field Sample Number	Area	Location	Grid	Compound	Sample Result	Sample Error	Result Qualifier	Validation Flag	Sample Units	Date Sample Collected	Method Code	MDA	Filtered Metal Sample	L&V Report Number
GWM37601AV	INL	FIELD BLANK		Vinyl Chloride	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM37501AV	INL	FIELD BLANK		Xylene (Total)	3		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37601AV	INL	FIELD BLANK		Xylene (Total)	3		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM375012X	INL	FIELD BLANK		Zinc	29.9		E	UJ	UG/L	06/21/2005	SW6010B		T	DNT-343-05
GWM376012X	INL	FIELD BLANK		Zinc	10		B	U	UG/L	07/27/2005	SW6010B		F	DNT-385-05
GWM37501RH	INL	FIELD BLANK		Zinc-65	0.00E+00	2.49E+09		U	PCI/L	06/21/2005	GMS	9.94E+00	F	SOS-TL259-05
GWM37601RH	INL	FIELD BLANK		Zinc-65	-1.28E+01	7.47E+00		U	PCI/L	07/27/2005	GMS	2.50E+01	F	SOS-TL247-05
GWM36601AV	SOUTH INL	HIGHWAY 3	GUARD WELLS	1,1,1,2-Tetrachloroethane	1		U		UG/L	07/07/2005	SW8260B		F	JGJ-054-05
GWM36601AV	SOUTH INL	HIGHWAY 3	GUARD WELLS	1,1,1-Trichloroethane	1		U		UG/L	07/07/2005	SW8260B		F	JGJ-054-05
GWM36601AV	SOUTH INL	HIGHWAY 3	GUARD WELLS	1,1,2,2-Tetrachloroethane	1		U		UG/L	07/07/2005	SW8260B		F	JGJ-054-05
GWM36601AV	SOUTH INL	HIGHWAY 3	GUARD WELLS	1,1,2-Trichloroethane	1		U		UG/L	07/07/2005	SW8260B		F	JGJ-054-05
GWM36601AV	SOUTH INL	HIGHWAY 3	GUARD WELLS	1,1-Dichloroethane	1		U		UG/L	07/07/2005	SW8260B		F	JGJ-054-05
GWM36601AV	SOUTH INL	HIGHWAY 3	GUARD WELLS	1,1-Dichloroethene	1		U		UG/L	07/07/2005	SW8260B		F	JGJ-054-05
GWM36601AV	SOUTH INL	HIGHWAY 3	GUARD WELLS	1,2,3-Trichloropropane	1		U		UG/L	07/07/2005	SW8260B		F	JGJ-054-05
GWM36601AV	SOUTH INL	HIGHWAY 3	GUARD WELLS	1,2-Dibromo-3-chloropropane	5		U		UG/L	07/07/2005	SW8260B		F	JGJ-054-05
GWM36601AV	SOUTH INL	HIGHWAY 3	GUARD WELLS	1,2-Dibromoethane	1		U		UG/L	07/07/2005	SW8260B		F	JGJ-054-05
GWM36601AV	SOUTH INL	HIGHWAY 3	GUARD WELLS	1,2-Dichloroethane	1		U		UG/L	07/07/2005	SW8260B		F	JGJ-054-05
GWM36601AV	SOUTH INL	HIGHWAY 3	GUARD WELLS	1,2-Dichloropropane	1		U		UG/L	07/07/2005	SW8260B		F	JGJ-054-05
GWM36601AV	SOUTH INL	HIGHWAY 3	GUARD WELLS	1,4-Dioxane	80		U		UG/L	07/07/2005	SW8260B		F	JGJ-054-05
GWM36601AV	SOUTH INL	HIGHWAY 3	GUARD WELLS	2-Butanone	10		U		UG/L	07/07/2005	SW8260B		F	JGJ-054-05
GWM36601AV	SOUTH INL	HIGHWAY 3	GUARD WELLS	2-Hexanone	5		U		UG/L	07/07/2005	SW8260B		F	JGJ-054-05
GWM36601AV	SOUTH INL	HIGHWAY 3	GUARD WELLS	Acetone	10		U		UG/L	07/07/2005	SW8260B		F	JGJ-054-05
GWM36601AV	SOUTH INL	HIGHWAY 3	GUARD WELLS	Acetonitrile	20		U		UG/L	07/07/2005	SW8260B		F	JGJ-054-05
GWM36601AV	SOUTH INL	HIGHWAY 3	GUARD WELLS	Acrolein	5		U		UG/L	07/07/2005	SW8260B		F	JGJ-054-05
GWM36601AV	SOUTH INL	HIGHWAY 3	GUARD WELLS	Acrylonitrile	1		U		UG/L	07/07/2005	SW8260B		F	JGJ-054-05
GWM36601AV	SOUTH INL	HIGHWAY 3	GUARD WELLS	Allyl chloride	5		U		UG/L	07/07/2005	SW8260B		F	JGJ-054-05
GWM366012X	SOUTH INL	HIGHWAY 3	GUARD WELLS	Aluminum	22.1		U		UG/L	07/07/2005	SW6010B		F	DNT-372-05
GWM36601RH	SOUTH INL	HIGHWAY 3	GUARD WELLS	Americium-241	-6.22E+00	6.47E+00		U	PCI/L	07/07/2005	GMS	2.02E+01	F	SOS-TL231-05
GWM366012X	SOUTH INL	HIGHWAY 3	GUARD WELLS	Antimony	0.61		U		UG/L	07/07/2005	SW6020		F	DNT-372-05
GWM36601RH	SOUTH INL	HIGHWAY 3	GUARD WELLS	Antimony-125	-2.64E-01	3.32E+00		U	PCI/L	07/07/2005	GMS	1.17E+01	F	SOS-TL231-05
GWM366012X	SOUTH INL	HIGHWAY 3	GUARD WELLS	Arsenic	1.8		U		UG/L	07/07/2005	SW6020		F	DNT-372-05
GWM366012X	SOUTH INL	HIGHWAY 3	GUARD WELLS	Barium	59		B		UG/L	07/07/2005	SW6010B		F	DNT-372-05
GWM36601AV	SOUTH INL	HIGHWAY 3	GUARD WELLS	Benzene	1		U		UG/L	07/07/2005	SW8260B		F	JGJ-054-05
GWM366012X	SOUTH INL	HIGHWAY 3	GUARD WELLS	Beryllium	0.13		U		UG/L	07/07/2005	SW6020		F	DNT-372-05
GWM36601AN	SOUTH INL	HIGHWAY 3	GUARD WELLS	Bromide	0.25		U	UJ	MG/L	07/07/2005	E300		F	DNT-352-05
GWM36601AV	SOUTH INL	HIGHWAY 3	GUARD WELLS	Bromodichloromethane	1		U		UG/L	07/07/2005	SW8260B		F	JGJ-054-05
GWM36601AV	SOUTH INL	HIGHWAY 3	GUARD WELLS	Bromoform	2		U		UG/L	07/07/2005	SW8260B		F	JGJ-054-05
GWM36601AV	SOUTH INL	HIGHWAY 3	GUARD WELLS	Bromomethane	1		U		UG/L	07/07/2005	SW8260B		F	JGJ-054-05
GWM366012X	SOUTH INL	HIGHWAY 3	GUARD WELLS	Cadmium	0.067		U		UG/L	07/07/2005	SW6020		F	DNT-372-05
GWM366012X	SOUTH INL	HIGHWAY 3	GUARD WELLS	Calcium	51600				UG/L	07/07/2005	SW6010B		F	DNT-372-05
GWM36601AV	SOUTH INL	HIGHWAY 3	GUARD WELLS	Carbon disulfide	5		U		UG/L	07/07/2005	SW8260B		F	JGJ-054-05
GWM36601AV	SOUTH INL	HIGHWAY 3	GUARD WELLS	Carbon tetrachloride	1		U		UG/L	07/07/2005	SW8260B		F	JGJ-054-05
GWM36601RH	SOUTH INL	HIGHWAY 3	GUARD WELLS	Cerium-144	-8.28E+00	7.36E+00		U	PCI/L	07/07/2005	GMS	2.44E+01	F	SOS-TL231-05
GWM36601RH	SOUTH INL	HIGHWAY 3	GUARD WELLS	Cesium-134	-2.66E-01	1.43E+00		U	PCI/L	07/07/2005	GMS	4.48E+00	F	SOS-TL231-05
GWM36601RH	SOUTH INL	HIGHWAY 3	GUARD WELLS	Cesium-137	6.37E-01	1.30E+00		U	PCI/L	07/07/2005	GMS	4.88E+00	F	SOS-TL231-05
GWM36601AN	SOUTH INL	HIGHWAY 3	GUARD WELLS	Chloride	6.4				MG/L	07/07/2005	E300		F	DNT-352-05
GWM36601AV	SOUTH INL	HIGHWAY 3	GUARD WELLS	Chlorobenzene	1		U		UG/L	07/07/2005	SW8260B		F	JGJ-054-05
GWM36601AV	SOUTH INL	HIGHWAY 3	GUARD WELLS	Chloroethane	1		U		UG/L	07/07/2005	SW8260B		F	JGJ-054-05
GWM36601AV	SOUTH INL	HIGHWAY 3	GUARD WELLS	Chloroform	1		U		UG/L	07/07/2005	SW8260B		F	JGJ-054-05
GWM36601AV	SOUTH INL	HIGHWAY 3	GUARD WELLS	Chloromethane	5		U		UG/L	07/07/2005	SW8260B		F	JGJ-054-05
GWM36601AV	SOUTH INL	HIGHWAY 3	GUARD WELLS	Chloroprene	5		U		UG/L	07/07/2005	SW8260B		F	JGJ-054-05
GWM366012X	SOUTH INL	HIGHWAY 3	GUARD WELLS	Chromium	3.7		U		UG/L	07/07/2005	SW6020		F	DNT-372-05
GWM36601AV	SOUTH INL	HIGHWAY 3	GUARD WELLS	cis-1,2-Dichloroethene	1		U		UG/L	07/07/2005	SW8260B		F	JGJ-054-05
GWM36601AV	SOUTH INL	HIGHWAY 3	GUARD WELLS	cis-1,3-Dichloropropene	1		U		UG/L	07/07/2005	SW8260B		F	JGJ-054-05
GWM366012X	SOUTH INL	HIGHWAY 3	GUARD WELLS	Cobalt	2.8		U		UG/L	07/07/2005	SW6010B		F	DNT-372-05
GWM36601RH	SOUTH INL	HIGHWAY 3	GUARD WELLS	Cobalt-60	-4.85E-01	1.25E+00		U	PCI/L	07/07/2005	GMS	3.92E+00	F	SOS-TL231-05

Table A-1. (continued).

Field Sample Number	Area	Location	Grid	Compound	Sample Result	Sample Error	Result Qualifier	Validation Flag	Sample Units	Date Sample Collected	Method Code	MDA	Filtered Metal Sample	L&V Report Number
GWM366012X	SOUTH INL	HIGHWAY 3	GUARD WELLS	Copper	7.2		B		UG/L	07/07/2005	SW6010B		F	DNT-372-05
GWM36601AV	SOUTH INL	HIGHWAY 3	GUARD WELLS	Dibromochloromethane	1		U		UG/L	07/07/2005	SW8260B		F	JGJ-054-05
GWM36601AV	SOUTH INL	HIGHWAY 3	GUARD WELLS	Dibromomethane	1		U		UG/L	07/07/2005	SW8260B		F	JGJ-054-05
GWM36601AV	SOUTH INL	HIGHWAY 3	GUARD WELLS	Dichlorodifluoromethane	5		U		UG/L	07/07/2005	SW8260B		F	JGJ-054-05
GWM36601AV	SOUTH INL	HIGHWAY 3	GUARD WELLS	Ethylbenzene	1		U		UG/L	07/07/2005	SW8260B		F	JGJ-054-05
GWM36601RH	SOUTH INL	HIGHWAY 3	GUARD WELLS	Europium-152	-4.51E-01	3.22E+00		U	PCI/L	07/07/2005	GMS	1.14E+01	F	SOS-TL231-05
GWM36601RH	SOUTH INL	HIGHWAY 3	GUARD WELLS	Europium-154	6.57E-01	3.69E+00		U	PCI/L	07/07/2005	GMS	1.40E+01	F	SOS-TL231-05
GWM36601RH	SOUTH INL	HIGHWAY 3	GUARD WELLS	Europium-155	6.62E+00	3.93E+00		U	PCI/L	07/07/2005	GMS	1.44E+01	F	SOS-TL231-05
GWM36601AN	SOUTH INL	HIGHWAY 3	GUARD WELLS	Fluoride	0.13				MG/L	07/07/2005	E300		F	DNT-352-05
GWM36601RH	SOUTH INL	HIGHWAY 3	GUARD WELLS	Gross Alpha	2.91E+00	8.11E-01			PCI/L	07/07/2005	GAB	2.64E+00	F	SOS-TL231-05
GWM36601RH	SOUTH INL	HIGHWAY 3	GUARD WELLS	Gross Beta	1.48E+00	9.46E-01		U	PCI/L	07/07/2005	GAB	3.81E+00	F	SOS-TL231-05
GWM36601UX	SOUTH INL	HIGHWAY 3	GUARD WELLS	Iodine-129	-7.60E-04	1.76E-02		U	PCI/L	07/07/2005	GMS	6.38E-02	F	SOS-TL225-05
GWM366012X	SOUTH INL	HIGHWAY 3	GUARD WELLS	Iron	24		B	U	UG/L	07/07/2005	SW6010B		F	DNT-372-05
GWM36601AV	SOUTH INL	HIGHWAY 3	GUARD WELLS	Isobutyl alcohol	80		U		UG/L	07/07/2005	SW8260B		F	JGJ-054-05
GWM366012X	SOUTH INL	HIGHWAY 3	GUARD WELLS	Lead	2.7		B	U	UG/L	07/07/2005	SW6010B		F	DNT-372-05
GWM366012X	SOUTH INL	HIGHWAY 3	GUARD WELLS	Lithium	5.6		B	U	UG/L	07/07/2005	SW6010B		F	DNT-372-05
GWM366012X	SOUTH INL	HIGHWAY 3	GUARD WELLS	Magnesium	13300				UG/L	07/07/2005	SW6010B		F	DNT-372-05
GWM366012X	SOUTH INL	HIGHWAY 3	GUARD WELLS	Manganese	0.54		U		UG/L	07/07/2005	SW6020		F	DNT-372-05
GWM36601RH	SOUTH INL	HIGHWAY 3	GUARD WELLS	Manganese-54	1.21E+00	1.27E+00		U	PCI/L	07/07/2005	GMS	4.39E+00	F	SOS-TL231-05
GWM366012X	SOUTH INL	HIGHWAY 3	GUARD WELLS	Mercury	0.1		U		UG/L	07/07/2005	SW7470A		F	DNT-372-05
GWM36601AV	SOUTH INL	HIGHWAY 3	GUARD WELLS	Methacrylonitrile	5		U		UG/L	07/07/2005	SW8260B		F	JGJ-054-05
GWM36601AV	SOUTH INL	HIGHWAY 3	GUARD WELLS	Methyl iodide	2		U		UG/L	07/07/2005	SW8260B		F	JGJ-054-05
GWM36601AV	SOUTH INL	HIGHWAY 3	GUARD WELLS	Methyl isobutyl ketone	5		U		UG/L	07/07/2005	SW8260B		F	JGJ-054-05
GWM36601AV	SOUTH INL	HIGHWAY 3	GUARD WELLS	Methylene Chloride	1		U		UG/L	07/07/2005	SW8260B		F	JGJ-054-05
GWM36601AV	SOUTH INL	HIGHWAY 3	GUARD WELLS	Methylmethacrylate	1		U		UG/L	07/07/2005	SW8260B		F	JGJ-054-05
GWM366012X	SOUTH INL	HIGHWAY 3	GUARD WELLS	Molybdenum	3.7		U		UG/L	07/07/2005	SW6010B		F	DNT-372-05
GWM366012X	SOUTH INL	HIGHWAY 3	GUARD WELLS	Nickel	3.2		U		UG/L	07/07/2005	SW6010B		F	DNT-372-05
GWM36601RH	SOUTH INL	HIGHWAY 3	GUARD WELLS	Niobium-94	-7.61E-01	1.11E+00		U	PCI/L	07/07/2005	GMS	3.91E+00	F	SOS-TL231-05
GWM36601RH	SOUTH INL	HIGHWAY 3	GUARD WELLS	Niobium-95	-6.15E-01	1.27E+00		U	PCI/L	07/07/2005	GMS	4.59E+00	F	SOS-TL231-05
GWM36601N2	SOUTH INL	HIGHWAY 3	GUARD WELLS	Nitrate/Nitrite as N	0.57				MG/L	07/07/2005	E353.1		F	DNT-352-05
GWM366012X	SOUTH INL	HIGHWAY 3	GUARD WELLS	Potassium	3110		B	U	UG/L	07/07/2005	SW6010B		F	DNT-372-05
GWM36601AV	SOUTH INL	HIGHWAY 3	GUARD WELLS	Propionitrile	5		U		UG/L	07/07/2005	SW8260B		F	JGJ-054-05
GWM36601RH	SOUTH INL	HIGHWAY 3	GUARD WELLS	Ruthenium-106	6.48E+00	1.13E+01		U	PCI/L	07/07/2005	GMS	3.81E+01	F	SOS-TL231-05
GWM366012X	SOUTH INL	HIGHWAY 3	GUARD WELLS	Selenium	2.7		B	U	UG/L	07/07/2005	SW6010B		F	DNT-372-05
GWM366012X	SOUTH INL	HIGHWAY 3	GUARD WELLS	Silicon	13600				UG/L	07/07/2005	SW6010B		F	DNT-372-05
GWM366012X	SOUTH INL	HIGHWAY 3	GUARD WELLS	Silver	1.5		U		UG/L	07/07/2005	SW6020		F	DNT-372-05
GWM36601RH	SOUTH INL	HIGHWAY 3	GUARD WELLS	Silver-108m	-3.34E-01	1.08E+00		U	PCI/L	07/07/2005	GMS	3.79E+00	F	SOS-TL231-05
GWM36601RH	SOUTH INL	HIGHWAY 3	GUARD WELLS	Silver-110m	1.85E+00	1.11E+00		U	PCI/L	07/07/2005	GMS	4.45E+00	F	SOS-TL231-05
GWM366012X	SOUTH INL	HIGHWAY 3	GUARD WELLS	Sodium	6410				UG/L	07/07/2005	SW6010B		F	DNT-372-05
GWM366012X	SOUTH INL	HIGHWAY 3	GUARD WELLS	Strontium	298				UG/L	07/07/2005	SW6010B		F	DNT-372-05
GWM36601RH	SOUTH INL	HIGHWAY 3	GUARD WELLS	Strontium-90	1.30E-01	1.30E-01		U	PCI/L	07/07/2005	GFP	5.67E-01	F	SOS-TL231-05
GWM36601AV	SOUTH INL	HIGHWAY 3	GUARD WELLS	Styrene	1		U		UG/L	07/07/2005	SW8260B		F	JGJ-054-05
GWM36601AN	SOUTH INL	HIGHWAY 3	GUARD WELLS	Sulfate	19.1			J	MG/L	07/07/2005	E300		F	DNT-352-05
GWM36601RH	SOUTH INL	HIGHWAY 3	GUARD WELLS	Technetium-99	1.70E+00	2.10E+00		U	PCI/L	07/07/2005	LSC	6.99E+00	F	SOS-TL231-05
GWM36601AV	SOUTH INL	HIGHWAY 3	GUARD WELLS	Tetrachloroethene	1		U		UG/L	07/07/2005	SW8260B		F	JGJ-054-05
GWM366012X	SOUTH INL	HIGHWAY 3	GUARD WELLS	Thallium	0.22		U		UG/L	07/07/2005	SW6020		F	DNT-372-05
GWM366012X	SOUTH INL	HIGHWAY 3	GUARD WELLS	Tin	3.9		U		UG/L	07/07/2005	SW6010B		F	DNT-372-05
GWM36601AV	SOUTH INL	HIGHWAY 3	GUARD WELLS	Toluene	1		U		UG/L	07/07/2005	SW8260B		F	JGJ-054-05
GWM36601A1	SOUTH INL	HIGHWAY 3	GUARD WELLS	Total Alkalinity	145				MG/L	07/07/2005	E310.1		F	DNT-352-05
GWM36601AV	SOUTH INL	HIGHWAY 3	GUARD WELLS	trans-1,2-Dichloroethene	1		U		UG/L	07/07/2005	SW8260B		F	JGJ-054-05
GWM36601AV	SOUTH INL	HIGHWAY 3	GUARD WELLS	trans-1,3-Dichloropropene	1		U		UG/L	07/07/2005	SW8260B		F	JGJ-054-05
GWM36601AV	SOUTH INL	HIGHWAY 3	GUARD WELLS	trans-1,4-Dichloro-2-butene	5		U		UG/L	07/07/2005	SW8260B		F	JGJ-054-05
GWM36601AV	SOUTH INL	HIGHWAY 3	GUARD WELLS	Trichloroethene	1		U		UG/L	07/07/2005	SW8260B		F	JGJ-054-05
GWM36601AV	SOUTH INL	HIGHWAY 3	GUARD WELLS	Trichlorofluoromethane	1		U		UG/L	07/07/2005	SW8260B		F	JGJ-054-05
GWM36601R8	SOUTH INL	HIGHWAY 3	GUARD WELLS	Tritium	1.13E+02	1.19E+02		U	PCI/L	07/07/2005	LSC	4.00E+02	F	SOS-TL232-05
GWM366012X	SOUTH INL	HIGHWAY 3	GUARD WELLS	Uranium	2		B		UG/L	07/07/2005	SW6020		F	DNT-372-05

Table A-1. (continued).

Field Sample Number	Area	Location	Grid	Compound	Sample Result	Sample Error	Result Qualifier	Validation Flag	Sample Units	Date Sample Collected	Method Code	MDA	Filtered Metal Sample	L&V Report Number
GWM36601RH	SOUTH INL	HIGHWAY 3	GUARD WELLS	Uranium-233/234	1.22E+00	2.00E-01			PCI/L	07/07/2005	ALS	2.13E-01	F	SOS-TL231-05
GWM36601RH	SOUTH INL	HIGHWAY 3	GUARD WELLS	Uranium-235	2.79E-02	5.28E-02		U	PCI/L	07/07/2005	ALS	2.83E-01	F	SOS-TL231-05
GWM36601RH	SOUTH INL	HIGHWAY 3	GUARD WELLS	Uranium-238	5.59E-01	1.34E-01			PCI/L	07/07/2005	ALS	2.29E-01	F	SOS-TL231-05
GWM366012X	SOUTH INL	HIGHWAY 3	GUARD WELLS	Vanadium	6.5		B		UG/L	07/07/2005	SW6010B		F	DNT-372-05
GWM36601AV	SOUTH INL	HIGHWAY 3	GUARD WELLS	Vinyl Acetate	2		U		UG/L	07/07/2005	SW8260B		F	JGJ-054-05
GWM36601AV	SOUTH INL	HIGHWAY 3	GUARD WELLS	Vinyl Chloride	1		U		UG/L	07/07/2005	SW8260B		F	JGJ-054-05
GWM36601AV	SOUTH INL	HIGHWAY 3	GUARD WELLS	Xylene (Total)	3		U		UG/L	07/07/2005	SW8260B		F	JGJ-054-05
GWM366012X	SOUTH INL	HIGHWAY 3	GUARD WELLS	Zinc	161				UG/L	07/07/2005	SW6010B		F	DNT-372-05
GWM36601RH	SOUTH INL	HIGHWAY 3	GUARD WELLS	Zinc-65	-2.43E+00	2.56E+00		U	PCI/L	07/07/2005	GMS	7.52E+00	F	SOS-TL231-05
GWM37401AV	TAN	P&W-3	BASELINE WELLS	1,1,1,2-Tetrachloroethane	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM37401AV	TAN	P&W-3	BASELINE WELLS	1,1,1-Trichloroethane	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM37401AV	TAN	P&W-3	BASELINE WELLS	1,1,2,2-Tetrachloroethane	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM37401AV	TAN	P&W-3	BASELINE WELLS	1,1,2-Trichloroethane	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM37401AV	TAN	P&W-3	BASELINE WELLS	1,1-Dichloroethane	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM37401AV	TAN	P&W-3	BASELINE WELLS	1,1-Dichloroethene	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM37401AV	TAN	P&W-3	BASELINE WELLS	1,2,3-Trichloropropane	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM37401AV	TAN	P&W-3	BASELINE WELLS	1,2-Dibromo-3-chloropropane	5		U	R	UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM37401AV	TAN	P&W-3	BASELINE WELLS	1,2-Dibromoethane	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM37401AV	TAN	P&W-3	BASELINE WELLS	1,2-Dichloroethane	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM37401AV	TAN	P&W-3	BASELINE WELLS	1,2-Dichloropropane	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM37401AV	TAN	P&W-3	BASELINE WELLS	1,4-Dioxane	80		U	R	UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM37401AV	TAN	P&W-3	BASELINE WELLS	2-Butanone	10		U	R	UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM37401AV	TAN	P&W-3	BASELINE WELLS	2-Hexanone	5		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM37401AV	TAN	P&W-3	BASELINE WELLS	Acetone	10			R	UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM37401AV	TAN	P&W-3	BASELINE WELLS	Acetonitrile	20		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM37401AV	TAN	P&W-3	BASELINE WELLS	Acrolein	5		U	R	UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM37401AV	TAN	P&W-3	BASELINE WELLS	Acrylonitrile	1		U	R	UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM37401AV	TAN	P&W-3	BASELINE WELLS	Allyl chloride	5		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM374012X	TAN	P&W-3	BASELINE WELLS	Aluminum	22.1		U		UG/L	07/20/2005	SW6010B		F	DNT-373-05
GWM37401RH	TAN	P&W-3	BASELINE WELLS	Americium-241	-6.47E+00	7.26E+00		U	PCI/L	07/20/2005	GMS	2.28E+01	F	SOS-TL234-05
GWM374012X	TAN	P&W-3	BASELINE WELLS	Antimony	0.61		U		UG/L	07/20/2005	SW6020		F	DNT-373-05
GWM37401RH	TAN	P&W-3	BASELINE WELLS	Antimony-125	-3.62E+00	4.33E+00		U	PCI/L	07/20/2005	GMS	1.27E+01	F	SOS-TL234-05
GWM374012X	TAN	P&W-3	BASELINE WELLS	Arsenic	2.9				UG/L	07/20/2005	SW6020		F	DNT-373-05
GWM374012X	TAN	P&W-3	BASELINE WELLS	Barium	53.2		B		UG/L	07/20/2005	SW6010B		F	DNT-373-05
GWM37401AV	TAN	P&W-3	BASELINE WELLS	Benzene	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM374012X	TAN	P&W-3	BASELINE WELLS	Beryllium	0.13		U		UG/L	07/20/2005	SW6020		F	DNT-373-05
GWM37401AN	TAN	P&W-3	BASELINE WELLS	Bromide	0.25		U		MG/L	07/20/2005	E300		F	DNT-370-05
GWM37401AV	TAN	P&W-3	BASELINE WELLS	Bromodichloromethane	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM37401AV	TAN	P&W-3	BASELINE WELLS	Bromoform	2		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM37401AV	TAN	P&W-3	BASELINE WELLS	Bromomethane	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM374012X	TAN	P&W-3	BASELINE WELLS	Cadmium	0.067		U		UG/L	07/20/2005	SW6020		F	DNT-373-05
GWM374012X	TAN	P&W-3	BASELINE WELLS	Calcium	43700				UG/L	07/20/2005	SW6010B		F	DNT-373-05
GWM37401AV	TAN	P&W-3	BASELINE WELLS	Carbon disulfide	5		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM37401AV	TAN	P&W-3	BASELINE WELLS	Carbon tetrachloride	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM37401RH	TAN	P&W-3	BASELINE WELLS	Cerium-144	1.63E+01	9.24E+00		U	PCI/L	07/20/2005	GMS	3.41E+01	F	SOS-TL234-05
GWM37401RH	TAN	P&W-3	BASELINE WELLS	Cesium-134	-9.34E-01	1.42E+00		U	PCI/L	07/20/2005	GMS	5.10E+00	F	SOS-TL234-05
GWM37401RH	TAN	P&W-3	BASELINE WELLS	Cesium-137	-4.28E-01	1.62E+00		U	PCI/L	07/20/2005	GMS	5.18E+00	F	SOS-TL234-05
GWM37401AN	TAN	P&W-3	BASELINE WELLS	Chloride	12.3				MG/L	07/20/2005	E300		F	DNT-370-05
GWM37401AV	TAN	P&W-3	BASELINE WELLS	Chlorobenzene	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM37401AV	TAN	P&W-3	BASELINE WELLS	Chloroethane	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM37401AV	TAN	P&W-3	BASELINE WELLS	Chloroform	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM37401AV	TAN	P&W-3	BASELINE WELLS	Chloromethane	5		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM37401AV	TAN	P&W-3	BASELINE WELLS	Chloroprene	5		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM374012X	TAN	P&W-3	BASELINE WELLS	Chromium	3.7		U		UG/L	07/20/2005	SW6020		F	DNT-373-05
GWM37401AV	TAN	P&W-3	BASELINE WELLS	cis-1,2-Dichloroethene	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM37401AV	TAN	P&W-3	BASELINE WELLS	cis-1,3-Dichloropropene	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM374012X	TAN	P&W-3	BASELINE WELLS	Cobalt	2.8		U		UG/L	07/20/2005	SW6010B		F	DNT-373-05

Table A-1. (continued).

Field Sample Number	Area	Location	Grid	Compound	Sample Result	Sample Error	Result Qualifier	Validation Flag	Sample Units	Date Sample Collected	Method Code	MDA	Filtered Metal Sample	L&V Report Number
GWM37401RH	TAN	P&W-3	BASELINE WELLS	Cobalt-60	9.38E-01	1.11E+00		U	PCI/L	07/20/2005	GMS	5.03E+00	F	SOS-TL234-05
GWM374012X	TAN	P&W-3	BASELINE WELLS	Copper	1.1		U		UG/L	07/20/2005	SW6010B		F	DNT-373-05
GWM37401AV	TAN	P&W-3	BASELINE WELLS	Dibromochloromethane	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM37401AV	TAN	P&W-3	BASELINE WELLS	Dibromomethane	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM37401AV	TAN	P&W-3	BASELINE WELLS	Dichlorodifluoromethane	5		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM37401AV	TAN	P&W-3	BASELINE WELLS	Ethylbenzene	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM37401RH	TAN	P&W-3	BASELINE WELLS	Europium-152	-3.80E+00	3.69E+00		U	PCI/L	07/20/2005	GMS	1.27E+01	F	SOS-TL234-05
GWM37401RH	TAN	P&W-3	BASELINE WELLS	Europium-154	-5.86E+00	3.80E+00		U	PCI/L	07/20/2005	GMS	1.25E+01	F	SOS-TL234-05
GWM37401RH	TAN	P&W-3	BASELINE WELLS	Europium-155	6.08E+00	4.54E+00		U	PCI/L	07/20/2005	GMS	1.69E+01	F	SOS-TL234-05
GWM37401AN	TAN	P&W-3	BASELINE WELLS	Fluoride	0.11				MG/L	07/20/2005	E300		F	DNT-370-05
GWM37401RH	TAN	P&W-3	BASELINE WELLS	Gross Alpha	3.67E+00	7.02E-01			PCI/L	07/20/2005	GAB	1.40E+00	F	SOS-TL234-05
GWM37401RH	TAN	P&W-3	BASELINE WELLS	Gross Beta	6.69E+00	8.97E-01		J	PCI/L	07/20/2005	GAB	2.86E+00	F	SOS-TL234-05
GWM37401UX	TAN	P&W-3	BASELINE WELLS	Iodine-129	-7.00E-03	1.77E-02		U	PCI/L	07/20/2005	GMS	6.17E-02	F	SOS-TL289-05
GWM374012X	TAN	P&W-3	BASELINE WELLS	Iron	18.6		B		UG/L	07/20/2005	SW6010B		F	DNT-373-05
GWM37401AV	TAN	P&W-3	BASELINE WELLS	Isobutyl alcohol	80		U	R	UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM374012X	TAN	P&W-3	BASELINE WELLS	Lead	1.1		U		UG/L	07/20/2005	SW6010B		F	DNT-373-05
GWM374012X	TAN	P&W-3	BASELINE WELLS	Lithium	5		B		UG/L	07/20/2005	SW6010B		F	DNT-373-05
GWM374012X	TAN	P&W-3	BASELINE WELLS	Magnesium	16800				UG/L	07/20/2005	SW6010B		F	DNT-373-05
GWM374012X	TAN	P&W-3	BASELINE WELLS	Manganese	0.89		B		UG/L	07/20/2005	SW6020		F	DNT-373-05
GWM37401RH	TAN	P&W-3	BASELINE WELLS	Manganese-54	5.77E-01	1.52E+00		U	PCI/L	07/20/2005	GMS	5.79E+00	F	SOS-TL234-05
GWM374012X	TAN	P&W-3	BASELINE WELLS	Mercury	0.1		U		UG/L	07/20/2005	SW7470A		F	DNT-373-05
GWM37401AV	TAN	P&W-3	BASELINE WELLS	Methacrylonitrile	5		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM37401AV	TAN	P&W-3	BASELINE WELLS	Methyl iodide	2		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM37401AV	TAN	P&W-3	BASELINE WELLS	Methyl isobutyl ketone	5		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM37401AV	TAN	P&W-3	BASELINE WELLS	Methylene Chloride	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM37401AV	TAN	P&W-3	BASELINE WELLS	Methylmethacrylate	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM374012X	TAN	P&W-3	BASELINE WELLS	Molybdenum	3.7		U		UG/L	07/20/2005	SW6010B		F	DNT-373-05
GWM374012X	TAN	P&W-3	BASELINE WELLS	Nickel	3.2		U		UG/L	07/20/2005	SW6010B		F	DNT-373-05
GWM37401RH	TAN	P&W-3	BASELINE WELLS	Niobium-94	1.25E-01	1.32E+00		U	PCI/L	07/20/2005	GMS	4.40E+00	F	SOS-TL234-05
GWM37401RH	TAN	P&W-3	BASELINE WELLS	Niobium-95	9.24E-01	1.83E+00		U	PCI/L	07/20/2005	GMS	6.47E+00	F	SOS-TL234-05
GWM37401N2	TAN	P&W-3	BASELINE WELLS	Nitrate/Nitrite as N	0.72				MG/L	07/20/2005	E353.1		F	DNT-370-05
GWM374012X	TAN	P&W-3	BASELINE WELLS	Potassium	1230		B		UG/L	07/20/2005	SW6010B		F	DNT-373-05
GWM37401AV	TAN	P&W-3	BASELINE WELLS	Propionitrile	5		U	R	UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM37401RH	TAN	P&W-3	BASELINE WELLS	Ruthenium-106	-5.51E+00	1.46E+01		U	PCI/L	07/20/2005	GMS	4.62E+01	F	SOS-TL234-05
GWM374012X	TAN	P&W-3	BASELINE WELLS	Selenium	2		U		UG/L	07/20/2005	SW6010B		F	DNT-373-05
GWM374012X	TAN	P&W-3	BASELINE WELLS	Silicon	6650		N		UG/L	07/20/2005	SW6010B		F	DNT-373-05
GWM374012X	TAN	P&W-3	BASELINE WELLS	Silver	1.5		U		UG/L	07/20/2005	SW6020		F	DNT-373-05
GWM37401RH	TAN	P&W-3	BASELINE WELLS	Silver-108m	1.04E+00	2.09E+00		U	PCI/L	07/20/2005	GMS	4.40E+00	F	SOS-TL234-05
GWM37401RH	TAN	P&W-3	BASELINE WELLS	Silver-110m	7.58E-04	1.16E+00		U	PCI/L	07/20/2005	GMS	4.47E+00	F	SOS-TL234-05
GWM374012X	TAN	P&W-3	BASELINE WELLS	Sodium	11300				UG/L	07/20/2005	SW6010B		F	DNT-373-05
GWM374012X	TAN	P&W-3	BASELINE WELLS	Strontium	176		B		UG/L	07/20/2005	SW6010B		F	DNT-373-05
GWM37401RH	TAN	P&W-3	BASELINE WELLS	Strontium-90	1.87E-01	1.42E-01		U	PCI/L	07/20/2005	GFP	6.14E-01	F	SOS-TL234-05
GWM37401AV	TAN	P&W-3	BASELINE WELLS	Styrene	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM37401AN	TAN	P&W-3	BASELINE WELLS	Sulfate	24.8			J	MG/L	07/20/2005	E300		F	DNT-370-05
GWM37401RH	TAN	P&W-3	BASELINE WELLS	Technetium-99	-1.50E+00	2.11E+00		U	PCI/L	07/20/2005	LSC	7.16E+00	F	SOS-TL234-05
GWM37401AV	TAN	P&W-3	BASELINE WELLS	Tetrachloroethene	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM374012X	TAN	P&W-3	BASELINE WELLS	Thallium	0.36		B		UG/L	07/20/2005	SW6020		F	DNT-373-05
GWM374012X	TAN	P&W-3	BASELINE WELLS	Tin	3.9		U		UG/L	07/20/2005	SW6010B		F	DNT-373-05
GWM37401AV	TAN	P&W-3	BASELINE WELLS	Toluene	0.2		J	J	UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM37401A1	TAN	P&W-3	BASELINE WELLS	Total Alkalinity	139				MG/L	07/20/2005	E310.1		F	DNT-370-05
GWM37401AV	TAN	P&W-3	BASELINE WELLS	trans-1,2-Dichloroethene	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM37401AV	TAN	P&W-3	BASELINE WELLS	trans-1,3-Dichloropropene	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM37401AV	TAN	P&W-3	BASELINE WELLS	trans-1,4-Dichloro-2-butene	5		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM37401AV	TAN	P&W-3	BASELINE WELLS	Trichloroethene	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM37401AV	TAN	P&W-3	BASELINE WELLS	Trichlorofluoromethane	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM37401R8	TAN	P&W-3	BASELINE WELLS	Tritium	-6.60E+01	1.19E+02		U	PCI/L	07/20/2005	LSC	4.07E+02	F	SOS-TL289-05
GWM374012X	TAN	P&W-3	BASELINE WELLS	Uranium	2		B		UG/L	07/20/2005	SW6020		F	DNT-373-05

Table A-1. (continued).

Field Sample Number	Area	Location	Grid	Compound	Sample Result	Sample Error	Result Qualifier	Validation Flag	Sample Units	Date Sample Collected	Method Code	MDA	Filtered Metal Sample	L&V Report Number
GWM37401RH	TAN	P&W-3	BASELINE WELLS	Uranium-233/234	1.96E+00	3.14E-01			PCI/L	07/20/2005	ALS	3.47E-01	F	SOS-TL234-05
GWM37401RH	TAN	P&W-3	BASELINE WELLS	Uranium-235	5.00E-02	5.01E-02		U	PCI/L	07/20/2005	ALS	1.50E-01	F	SOS-TL234-05
GWM37401RH	TAN	P&W-3	BASELINE WELLS	Uranium-238	5.16E-01	1.50E-01			PCI/L	07/20/2005	ALS	2.14E-01	F	SOS-TL234-05
GWM374012X	TAN	P&W-3	BASELINE WELLS	Vanadium	2.5		U		UG/L	07/20/2005	SW6010B		F	DNT-373-05
GWM37401AV	TAN	P&W-3	BASELINE WELLS	Vinyl Acetate	2		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM37401AV	TAN	P&W-3	BASELINE WELLS	Vinyl Chloride	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM37401AV	TAN	P&W-3	BASELINE WELLS	Xylene (Total)	3		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM374012X	TAN	P&W-3	BASELINE WELLS	Zinc	5.7		B		UG/L	07/20/2005	SW6010B		F	DNT-373-05
GWM37401RH	TAN	P&W-3	BASELINE WELLS	Zinc-65	-2.28E+00	3.17E+00		U	PCI/L	07/20/2005	GMS	1.16E+01	F	SOS-TL234-05
GWM38201AV	INL	TRIP BLANK		1,1,1,2-Tetrachloroethane	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM38001AV	INL	TRIP BLANK		1,1,1,2-Tetrachloroethane	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM38101AV	INL	TRIP BLANK		1,1,1,2-Tetrachloroethane	1		U		UG/L	07/05/2005	SW8260B		F	JGJ-054-05
GWM37901AV	INL	TRIP BLANK		1,1,1,2-Tetrachloroethane	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37701AV	INL	TRIP BLANK		1,1,1,2-Tetrachloroethane	1		U		UG/L	06/06/2005	SW8260B		F	DMG-130-05
GWM37801AV	INL	TRIP BLANK		1,1,1,2-Tetrachloroethane	1		U		UG/L	06/15/2005	SW8260B		F	JGJ-041-05
GWM38201AV	INL	TRIP BLANK		1,1,1-Trichloroethane	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM38001AV	INL	TRIP BLANK		1,1,1-Trichloroethane	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM38101AV	INL	TRIP BLANK		1,1,1-Trichloroethane	1		U		UG/L	07/05/2005	SW8260B		F	JGJ-054-05
GWM37901AV	INL	TRIP BLANK		1,1,1-Trichloroethane	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37701AV	INL	TRIP BLANK		1,1,1-Trichloroethane	1		U		UG/L	06/06/2005	SW8260B		F	DMG-130-05
GWM37801AV	INL	TRIP BLANK		1,1,1-Trichloroethane	1		U		UG/L	06/15/2005	SW8260B		F	JGJ-041-05
GWM38201AV	INL	TRIP BLANK		1,1,2,2-Tetrachloroethane	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM38001AV	INL	TRIP BLANK		1,1,2,2-Tetrachloroethane	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM38101AV	INL	TRIP BLANK		1,1,2,2-Tetrachloroethane	1		U		UG/L	07/05/2005	SW8260B		F	JGJ-054-05
GWM37901AV	INL	TRIP BLANK		1,1,2,2-Tetrachloroethane	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37701AV	INL	TRIP BLANK		1,1,2,2-Tetrachloroethane	1		U		UG/L	06/06/2005	SW8260B		F	DMG-130-05
GWM37801AV	INL	TRIP BLANK		1,1,2,2-Tetrachloroethane	1		U	UJ	UG/L	06/15/2005	SW8260B		F	JGJ-041-05
GWM38201AV	INL	TRIP BLANK		1,1,2-Trichloroethane	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM38001AV	INL	TRIP BLANK		1,1,2-Trichloroethane	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM38101AV	INL	TRIP BLANK		1,1,2-Trichloroethane	1		U		UG/L	07/05/2005	SW8260B		F	JGJ-054-05
GWM37901AV	INL	TRIP BLANK		1,1,2-Trichloroethane	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37701AV	INL	TRIP BLANK		1,1,2-Trichloroethane	1		U		UG/L	06/06/2005	SW8260B		F	DMG-130-05
GWM37801AV	INL	TRIP BLANK		1,1,2-Trichloroethane	1		U		UG/L	06/15/2005	SW8260B		F	JGJ-041-05
GWM38201AV	INL	TRIP BLANK		1,1-Dichloroethane	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM38001AV	INL	TRIP BLANK		1,1-Dichloroethane	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM38101AV	INL	TRIP BLANK		1,1-Dichloroethane	1		U		UG/L	07/05/2005	SW8260B		F	JGJ-054-05
GWM37901AV	INL	TRIP BLANK		1,1-Dichloroethane	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37701AV	INL	TRIP BLANK		1,1-Dichloroethane	1		U		UG/L	06/06/2005	SW8260B		F	DMG-130-05
GWM37801AV	INL	TRIP BLANK		1,1-Dichloroethane	1		U		UG/L	06/15/2005	SW8260B		F	JGJ-041-05
GWM38201AV	INL	TRIP BLANK		1,1-Dichloroethene	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM38001AV	INL	TRIP BLANK		1,1-Dichloroethene	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM38101AV	INL	TRIP BLANK		1,1-Dichloroethene	1		U		UG/L	07/05/2005	SW8260B		F	JGJ-054-05
GWM37901AV	INL	TRIP BLANK		1,1-Dichloroethene	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37701AV	INL	TRIP BLANK		1,1-Dichloroethene	1		U		UG/L	06/06/2005	SW8260B		F	DMG-130-05
GWM37801AV	INL	TRIP BLANK		1,1-Dichloroethene	1		U		UG/L	06/15/2005	SW8260B		F	JGJ-041-05
GWM38201AV	INL	TRIP BLANK		1,2,3-Trichloropropane	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM38001AV	INL	TRIP BLANK		1,2,3-Trichloropropane	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM38101AV	INL	TRIP BLANK		1,2,3-Trichloropropane	1		U		UG/L	07/05/2005	SW8260B		F	JGJ-054-05
GWM37901AV	INL	TRIP BLANK		1,2,3-Trichloropropane	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37701AV	INL	TRIP BLANK		1,2,3-Trichloropropane	1		U		UG/L	06/06/2005	SW8260B		F	DMG-130-05
GWM37801AV	INL	TRIP BLANK		1,2,3-Trichloropropane	1		U		UG/L	06/15/2005	SW8260B		F	JGJ-041-05
GWM38201AV	INL	TRIP BLANK		1,2-Dibromo-3-chloropropane	5		U	R	UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM38001AV	INL	TRIP BLANK		1,2-Dibromo-3-chloropropane	5		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM38101AV	INL	TRIP BLANK		1,2-Dibromo-3-chloropropane	5		U		UG/L	07/05/2005	SW8260B		F	JGJ-054-05
GWM37901AV	INL	TRIP BLANK		1,2-Dibromo-3-chloropropane	5		U	R	UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37701AV	INL	TRIP BLANK		1,2-Dibromo-3-chloropropane	5		U		UG/L	06/06/2005	SW8260B		F	DMG-130-05
GWM37801AV	INL	TRIP BLANK		1,2-Dibromo-3-chloropropane	5		U	R	UG/L	06/15/2005	SW8260B		F	JGJ-041-05

Table A-1. (continued).

Field Sample Number	Area	Location	Grid	Compound	Sample Result	Sample Error	Result Qualifier	Validation Flag	Sample Units	Date Sample Collected	Method Code	MDA	Filtered Metal Sample	L&V Report Number
GWM38201AV	INL	TRIP BLANK		1,2-Dibromoethane	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM38001AV	INL	TRIP BLANK		1,2-Dibromoethane	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM38101AV	INL	TRIP BLANK		1,2-Dibromoethane	1		U		UG/L	07/05/2005	SW8260B		F	JGJ-054-05
GWM37901AV	INL	TRIP BLANK		1,2-Dibromoethane	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37701AV	INL	TRIP BLANK		1,2-Dibromoethane	1		U		UG/L	06/06/2005	SW8260B		F	DMG-130-05
GWM37801AV	INL	TRIP BLANK		1,2-Dibromoethane	1		U	UJ	UG/L	06/15/2005	SW8260B		F	JGJ-041-05
GWM38201AV	INL	TRIP BLANK		1,2-Dichloroethane	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM38001AV	INL	TRIP BLANK		1,2-Dichloroethane	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM38101AV	INL	TRIP BLANK		1,2-Dichloroethane	1		U		UG/L	07/05/2005	SW8260B		F	JGJ-054-05
GWM37901AV	INL	TRIP BLANK		1,2-Dichloroethane	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37701AV	INL	TRIP BLANK		1,2-Dichloroethane	1		U		UG/L	06/06/2005	SW8260B		F	DMG-130-05
GWM37801AV	INL	TRIP BLANK		1,2-Dichloroethane	1		U		UG/L	06/15/2005	SW8260B		F	JGJ-041-05
GWM38201AV	INL	TRIP BLANK		1,2-Dichloropropane	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM38001AV	INL	TRIP BLANK		1,2-Dichloropropane	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM38101AV	INL	TRIP BLANK		1,2-Dichloropropane	1		U		UG/L	07/05/2005	SW8260B		F	JGJ-054-05
GWM37901AV	INL	TRIP BLANK		1,2-Dichloropropane	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37701AV	INL	TRIP BLANK		1,2-Dichloropropane	1		U		UG/L	06/06/2005	SW8260B		F	DMG-130-05
GWM37801AV	INL	TRIP BLANK		1,2-Dichloropropane	1		U		UG/L	06/15/2005	SW8260B		F	JGJ-041-05
GWM38201AV	INL	TRIP BLANK		1,4-Dioxane	80		U	R	UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM38001AV	INL	TRIP BLANK		1,4-Dioxane	80		U	R	UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM38101AV	INL	TRIP BLANK		1,4-Dioxane	80		U		UG/L	07/05/2005	SW8260B		F	JGJ-054-05
GWM37901AV	INL	TRIP BLANK		1,4-Dioxane	80		U	R	UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37701AV	INL	TRIP BLANK		1,4-Dioxane	80		U	R	UG/L	06/06/2005	SW8260B		F	DMG-130-05
GWM37801AV	INL	TRIP BLANK		1,4-Dioxane	80		U	R	UG/L	06/15/2005	SW8260B		F	JGJ-041-05
GWM38201AV	INL	TRIP BLANK		2-Butanone	10		U	R	UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM38001AV	INL	TRIP BLANK		2-Butanone	10		U	R	UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM38101AV	INL	TRIP BLANK		2-Butanone	10		U		UG/L	07/05/2005	SW8260B		F	JGJ-054-05
GWM37901AV	INL	TRIP BLANK		2-Butanone	10		U	R	UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37701AV	INL	TRIP BLANK		2-Butanone	10		U	R	UG/L	06/06/2005	SW8260B		F	DMG-130-05
GWM37801AV	INL	TRIP BLANK		2-Butanone	10		U	R	UG/L	06/15/2005	SW8260B		F	JGJ-041-05
GWM38201AV	INL	TRIP BLANK		2-Hexanone	5		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM38001AV	INL	TRIP BLANK		2-Hexanone	5		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM38101AV	INL	TRIP BLANK		2-Hexanone	5		U		UG/L	07/05/2005	SW8260B		F	JGJ-054-05
GWM37901AV	INL	TRIP BLANK		2-Hexanone	5		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37701AV	INL	TRIP BLANK		2-Hexanone	5		U		UG/L	06/06/2005	SW8260B		F	DMG-130-05
GWM37801AV	INL	TRIP BLANK		2-Hexanone	5		U		UG/L	06/15/2005	SW8260B		F	JGJ-041-05
GWM38201AV	INL	TRIP BLANK		Acetone	10		U	R	UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM38001AV	INL	TRIP BLANK		Acetone	10		U	R	UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM38101AV	INL	TRIP BLANK		Acetone	0.99		J		UG/L	07/05/2005	SW8260B		F	JGJ-054-05
GWM37901AV	INL	TRIP BLANK		Acetone	10		U	R	UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37701AV	INL	TRIP BLANK		Acetone	10		U	R	UG/L	06/06/2005	SW8260B		F	DMG-130-05
GWM37801AV	INL	TRIP BLANK		Acetone	10		U	R	UG/L	06/15/2005	SW8260B		F	JGJ-041-05
GWM38201AV	INL	TRIP BLANK		Acetonitrile	20		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM38001AV	INL	TRIP BLANK		Acetonitrile	20		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM38101AV	INL	TRIP BLANK		Acetonitrile	20		U		UG/L	07/05/2005	SW8260B		F	JGJ-054-05
GWM37901AV	INL	TRIP BLANK		Acetonitrile	20		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37701AV	INL	TRIP BLANK		Acetonitrile	20		U		UG/L	06/06/2005	SW8260B		F	DMG-130-05
GWM37801AV	INL	TRIP BLANK		Acetonitrile	20		U		UG/L	06/15/2005	SW8260B		F	JGJ-041-05
GWM38201AV	INL	TRIP BLANK		Acrolein	5		U	R	UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM38001AV	INL	TRIP BLANK		Acrolein	5		U	R	UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM38101AV	INL	TRIP BLANK		Acrolein	5		U		UG/L	07/05/2005	SW8260B		F	JGJ-054-05
GWM37901AV	INL	TRIP BLANK		Acrolein	5		U	R	UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37701AV	INL	TRIP BLANK		Acrolein	5		U	R	UG/L	06/06/2005	SW8260B		F	DMG-130-05
GWM37801AV	INL	TRIP BLANK		Acrolein	5		U	R	UG/L	06/15/2005	SW8260B		F	JGJ-041-05
GWM38201AV	INL	TRIP BLANK		Acrylonitrile	1		U	R	UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM38001AV	INL	TRIP BLANK		Acrylonitrile	1		U	R	UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM38101AV	INL	TRIP BLANK		Acrylonitrile	1		U		UG/L	07/05/2005	SW8260B		F	JGJ-054-05

Table A-1. (continued).

Field Sample Number	Area	Location	Grid	Compound	Sample Result	Sample Error	Result Qualifier	Validation Flag	Sample Units	Date Sample Collected	Method Code	MDA	Filtered Metal Sample	L&V Report Number
GWM37901AV	INL	TRIP BLANK		Acrylonitrile	1		U	R	UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37701AV	INL	TRIP BLANK		Acrylonitrile	1		U	R	UG/L	06/06/2005	SW8260B		F	DMG-130-05
GWM37801AV	INL	TRIP BLANK		Acrylonitrile	1		U	R	UG/L	06/15/2005	SW8260B		F	JGJ-041-05
GWM38201AV	INL	TRIP BLANK		Allyl chloride	5		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM38001AV	INL	TRIP BLANK		Allyl chloride	5		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM38101AV	INL	TRIP BLANK		Allyl chloride	5		U		UG/L	07/05/2005	SW8260B		F	JGJ-054-05
GWM37901AV	INL	TRIP BLANK		Allyl chloride	5		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37701AV	INL	TRIP BLANK		Allyl chloride	5		U		UG/L	06/06/2005	SW8260B		F	DMG-130-05
GWM37801AV	INL	TRIP BLANK		Allyl chloride	5		U		UG/L	06/15/2005	SW8260B		F	JGJ-041-05
GWM38201AV	INL	TRIP BLANK		Benzene	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM38001AV	INL	TRIP BLANK		Benzene	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM38101AV	INL	TRIP BLANK		Benzene	1		U		UG/L	07/05/2005	SW8260B		F	JGJ-054-05
GWM37901AV	INL	TRIP BLANK		Benzene	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37701AV	INL	TRIP BLANK		Benzene	1		U		UG/L	06/06/2005	SW8260B		F	DMG-130-05
GWM37801AV	INL	TRIP BLANK		Benzene	1		U		UG/L	06/15/2005	SW8260B		F	JGJ-041-05
GWM38201AV	INL	TRIP BLANK		Bromodichloromethane	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM38001AV	INL	TRIP BLANK		Bromodichloromethane	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM38101AV	INL	TRIP BLANK		Bromodichloromethane	1		U		UG/L	07/05/2005	SW8260B		F	JGJ-054-05
GWM37901AV	INL	TRIP BLANK		Bromodichloromethane	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37701AV	INL	TRIP BLANK		Bromodichloromethane	1		U		UG/L	06/06/2005	SW8260B		F	DMG-130-05
GWM37801AV	INL	TRIP BLANK		Bromodichloromethane	1		U		UG/L	06/15/2005	SW8260B		F	JGJ-041-05
GWM38201AV	INL	TRIP BLANK		Bromoform	2		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM38001AV	INL	TRIP BLANK		Bromoform	2		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM38101AV	INL	TRIP BLANK		Bromoform	2		U		UG/L	07/05/2005	SW8260B		F	JGJ-054-05
GWM37901AV	INL	TRIP BLANK		Bromoform	2		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37701AV	INL	TRIP BLANK		Bromoform	2		U		UG/L	06/06/2005	SW8260B		F	DMG-130-05
GWM37801AV	INL	TRIP BLANK		Bromoform	2		U		UG/L	06/15/2005	SW8260B		F	JGJ-041-05
GWM38201AV	INL	TRIP BLANK		Bromomethane	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM38001AV	INL	TRIP BLANK		Bromomethane	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM38101AV	INL	TRIP BLANK		Bromomethane	1		U		UG/L	07/05/2005	SW8260B		F	JGJ-054-05
GWM37901AV	INL	TRIP BLANK		Bromomethane	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37701AV	INL	TRIP BLANK		Bromomethane	1		U		UG/L	06/06/2005	SW8260B		F	DMG-130-05
GWM37801AV	INL	TRIP BLANK		Bromomethane	1		U		UG/L	06/15/2005	SW8260B		F	JGJ-041-05
GWM38201AV	INL	TRIP BLANK		Carbon disulfide	5		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM38001AV	INL	TRIP BLANK		Carbon disulfide	5		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM38101AV	INL	TRIP BLANK		Carbon disulfide	5		U		UG/L	07/05/2005	SW8260B		F	JGJ-054-05
GWM37901AV	INL	TRIP BLANK		Carbon disulfide	5		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37701AV	INL	TRIP BLANK		Carbon disulfide	5		U		UG/L	06/06/2005	SW8260B		F	DMG-130-05
GWM37801AV	INL	TRIP BLANK		Carbon disulfide	5		U		UG/L	06/15/2005	SW8260B		F	JGJ-041-05
GWM38201AV	INL	TRIP BLANK		Carbon tetrachloride	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM38001AV	INL	TRIP BLANK		Carbon tetrachloride	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM38101AV	INL	TRIP BLANK		Carbon tetrachloride	1		U		UG/L	07/05/2005	SW8260B		F	JGJ-054-05
GWM37901AV	INL	TRIP BLANK		Carbon tetrachloride	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37701AV	INL	TRIP BLANK		Carbon tetrachloride	1		U		UG/L	06/06/2005	SW8260B		F	DMG-130-05
GWM37801AV	INL	TRIP BLANK		Carbon tetrachloride	1		U		UG/L	06/15/2005	SW8260B		F	JGJ-041-05
GWM38201AV	INL	TRIP BLANK		Chlorobenzene	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM38001AV	INL	TRIP BLANK		Chlorobenzene	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM38101AV	INL	TRIP BLANK		Chlorobenzene	1		U		UG/L	07/05/2005	SW8260B		F	JGJ-054-05
GWM37901AV	INL	TRIP BLANK		Chlorobenzene	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37701AV	INL	TRIP BLANK		Chlorobenzene	1		U		UG/L	06/06/2005	SW8260B		F	DMG-130-05
GWM37801AV	INL	TRIP BLANK		Chlorobenzene	1		U		UG/L	06/15/2005	SW8260B		F	JGJ-041-05
GWM38201AV	INL	TRIP BLANK		Chloroethane	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM38001AV	INL	TRIP BLANK		Chloroethane	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM38101AV	INL	TRIP BLANK		Chloroethane	1		U		UG/L	07/05/2005	SW8260B		F	JGJ-054-05
GWM37901AV	INL	TRIP BLANK		Chloroethane	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37701AV	INL	TRIP BLANK		Chloroethane	1		U		UG/L	06/06/2005	SW8260B		F	DMG-130-05
GWM37801AV	INL	TRIP BLANK		Chloroethane	1		U		UG/L	06/15/2005	SW8260B		F	JGJ-041-05

Table A-1. (continued).

Field Sample Number	Area	Location	Grid	Compound	Sample Result	Sample Error	Result Qualifier	Validation Flag	Sample Units	Date Sample Collected	Method Code	MDA	Filtered Metal Sample	L&V Report Number
GWM38201AV	INL	TRIP BLANK		Chloroform	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM38001AV	INL	TRIP BLANK		Chloroform	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM38101AV	INL	TRIP BLANK		Chloroform	1		U		UG/L	07/05/2005	SW8260B		F	JGJ-054-05
GWM37901AV	INL	TRIP BLANK		Chloroform	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37701AV	INL	TRIP BLANK		Chloroform	1		U		UG/L	06/06/2005	SW8260B		F	DMG-130-05
GWM37801AV	INL	TRIP BLANK		Chloroform	1		U		UG/L	06/15/2005	SW8260B		F	JGJ-041-05
GWM38201AV	INL	TRIP BLANK		Chloromethane	5		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM38001AV	INL	TRIP BLANK		Chloromethane	5		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM38101AV	INL	TRIP BLANK		Chloromethane	5		U		UG/L	07/05/2005	SW8260B		F	JGJ-054-05
GWM37901AV	INL	TRIP BLANK		Chloromethane	5		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37701AV	INL	TRIP BLANK		Chloromethane	5		U		UG/L	06/06/2005	SW8260B		F	DMG-130-05
GWM37801AV	INL	TRIP BLANK		Chloromethane	5		U		UG/L	06/15/2005	SW8260B		F	JGJ-041-05
GWM38201AV	INL	TRIP BLANK		Chloroprene	5		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM38001AV	INL	TRIP BLANK		Chloroprene	5		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM38101AV	INL	TRIP BLANK		Chloroprene	5		U		UG/L	07/05/2005	SW8260B		F	JGJ-054-05
GWM37901AV	INL	TRIP BLANK		Chloroprene	5		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37701AV	INL	TRIP BLANK		Chloroprene	5		U		UG/L	06/06/2005	SW8260B		F	DMG-130-05
GWM37801AV	INL	TRIP BLANK		Chloroprene	5		U		UG/L	06/15/2005	SW8260B		F	JGJ-041-05
GWM38201AV	INL	TRIP BLANK		cis-1,2-Dichloroethene	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM38001AV	INL	TRIP BLANK		cis-1,2-Dichloroethene	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM38101AV	INL	TRIP BLANK		cis-1,2-Dichloroethene	1		U		UG/L	07/05/2005	SW8260B		F	JGJ-054-05
GWM37901AV	INL	TRIP BLANK		cis-1,2-Dichloroethene	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37701AV	INL	TRIP BLANK		cis-1,2-Dichloroethene	1		U		UG/L	06/06/2005	SW8260B		F	DMG-130-05
GWM37801AV	INL	TRIP BLANK		cis-1,2-Dichloroethene	1		U		UG/L	06/15/2005	SW8260B		F	JGJ-041-05
GWM38201AV	INL	TRIP BLANK		cis-1,3-Dichloropropene	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM38001AV	INL	TRIP BLANK		cis-1,3-Dichloropropene	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM38101AV	INL	TRIP BLANK		cis-1,3-Dichloropropene	1		U		UG/L	07/05/2005	SW8260B		F	JGJ-054-05
GWM37901AV	INL	TRIP BLANK		cis-1,3-Dichloropropene	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37701AV	INL	TRIP BLANK		cis-1,3-Dichloropropene	1		U		UG/L	06/06/2005	SW8260B		F	DMG-130-05
GWM37801AV	INL	TRIP BLANK		cis-1,3-Dichloropropene	1		U		UG/L	06/15/2005	SW8260B		F	JGJ-041-05
GWM38201AV	INL	TRIP BLANK		Dibromochloromethane	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM38001AV	INL	TRIP BLANK		Dibromochloromethane	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM38101AV	INL	TRIP BLANK		Dibromochloromethane	1		U		UG/L	07/05/2005	SW8260B		F	JGJ-054-05
GWM37901AV	INL	TRIP BLANK		Dibromochloromethane	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37701AV	INL	TRIP BLANK		Dibromochloromethane	1		U		UG/L	06/06/2005	SW8260B		F	DMG-130-05
GWM37801AV	INL	TRIP BLANK		Dibromochloromethane	1		U	UJ	UG/L	06/15/2005	SW8260B		F	JGJ-041-05
GWM38201AV	INL	TRIP BLANK		Dibromomethane	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM38001AV	INL	TRIP BLANK		Dibromomethane	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM38101AV	INL	TRIP BLANK		Dibromomethane	1		U		UG/L	07/05/2005	SW8260B		F	JGJ-054-05
GWM37901AV	INL	TRIP BLANK		Dibromomethane	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37701AV	INL	TRIP BLANK		Dibromomethane	1		U		UG/L	06/06/2005	SW8260B		F	DMG-130-05
GWM37801AV	INL	TRIP BLANK		Dibromomethane	1		U		UG/L	06/15/2005	SW8260B		F	JGJ-041-05
GWM38201AV	INL	TRIP BLANK		Dichlorodifluoromethane	5		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM38001AV	INL	TRIP BLANK		Dichlorodifluoromethane	5		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM38101AV	INL	TRIP BLANK		Dichlorodifluoromethane	5		U		UG/L	07/05/2005	SW8260B		F	JGJ-054-05
GWM37901AV	INL	TRIP BLANK		Dichlorodifluoromethane	5		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37701AV	INL	TRIP BLANK		Dichlorodifluoromethane	5		U		UG/L	06/06/2005	SW8260B		F	DMG-130-05
GWM37801AV	INL	TRIP BLANK		Dichlorodifluoromethane	5		U		UG/L	06/15/2005	SW8260B		F	JGJ-041-05
GWM38201AV	INL	TRIP BLANK		Ethylbenzene	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM38001AV	INL	TRIP BLANK		Ethylbenzene	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM38101AV	INL	TRIP BLANK		Ethylbenzene	1		U		UG/L	07/05/2005	SW8260B		F	JGJ-054-05
GWM37901AV	INL	TRIP BLANK		Ethylbenzene	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37701AV	INL	TRIP BLANK		Ethylbenzene	1		U		UG/L	06/06/2005	SW8260B		F	DMG-130-05
GWM37801AV	INL	TRIP BLANK		Ethylbenzene	1		U		UG/L	06/15/2005	SW8260B		F	JGJ-041-05
GWM38201AV	INL	TRIP BLANK		Isobutyl alcohol	80		U	R	UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM38001AV	INL	TRIP BLANK		Isobutyl alcohol	80		U	R	UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM38101AV	INL	TRIP BLANK		Isobutyl alcohol	80		U		UG/L	07/05/2005	SW8260B		F	JGJ-054-05

Table A-1. (continued).

Field Sample Number	Area	Location	Grid	Compound	Sample Result	Sample Error	Result Qualifier	Validation Flag	Sample Units	Date Sample Collected	Method Code	MDA	Filtered Metal Sample	L&V Report Number
GWM37901AV	INL	TRIP BLANK		Isobutyl alcohol	80		U	R	UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37701AV	INL	TRIP BLANK		Isobutyl alcohol	80		U	R	UG/L	06/06/2005	SW8260B		F	DMG-130-05
GWM37801AV	INL	TRIP BLANK		Isobutyl alcohol	80		U	R	UG/L	06/15/2005	SW8260B		F	JGJ-041-05
GWM38201AV	INL	TRIP BLANK		Methacrylonitrile	5		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM38001AV	INL	TRIP BLANK		Methacrylonitrile	5		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM38101AV	INL	TRIP BLANK		Methacrylonitrile	5		U		UG/L	07/05/2005	SW8260B		F	JGJ-054-05
GWM37901AV	INL	TRIP BLANK		Methacrylonitrile	5		U	R	UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37701AV	INL	TRIP BLANK		Methacrylonitrile	5		U		UG/L	06/06/2005	SW8260B		F	DMG-130-05
GWM37801AV	INL	TRIP BLANK		Methacrylonitrile	5		U	R	UG/L	06/15/2005	SW8260B		F	JGJ-041-05
GWM38201AV	INL	TRIP BLANK		Methyl iodide	2		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM38001AV	INL	TRIP BLANK		Methyl iodide	2		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM38101AV	INL	TRIP BLANK		Methyl iodide	2		U		UG/L	07/05/2005	SW8260B		F	JGJ-054-05
GWM37901AV	INL	TRIP BLANK		Methyl iodide	2		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37701AV	INL	TRIP BLANK		Methyl iodide	2		U		UG/L	06/06/2005	SW8260B		F	DMG-130-05
GWM37801AV	INL	TRIP BLANK		Methyl iodide	2		U		UG/L	06/15/2005	SW8260B		F	JGJ-041-05
GWM38201AV	INL	TRIP BLANK		Methyl isobutyl ketone	5		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM38001AV	INL	TRIP BLANK		Methyl isobutyl ketone	5		U	R	UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM38101AV	INL	TRIP BLANK		Methyl isobutyl ketone	5		U		UG/L	07/05/2005	SW8260B		F	JGJ-054-05
GWM37901AV	INL	TRIP BLANK		Methyl isobutyl ketone	5		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37701AV	INL	TRIP BLANK		Methyl isobutyl ketone	5		U		UG/L	06/06/2005	SW8260B		F	DMG-130-05
GWM37801AV	INL	TRIP BLANK		Methyl isobutyl ketone	5		U		UG/L	06/15/2005	SW8260B		F	JGJ-041-05
GWM38201AV	INL	TRIP BLANK		Methylene Chloride	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM38001AV	INL	TRIP BLANK		Methylene Chloride	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM38101AV	INL	TRIP BLANK		Methylene Chloride	1		U		UG/L	07/05/2005	SW8260B		F	JGJ-054-05
GWM37901AV	INL	TRIP BLANK		Methylene Chloride	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37701AV	INL	TRIP BLANK		Methylene Chloride	1		U		UG/L	06/06/2005	SW8260B		F	DMG-130-05
GWM37801AV	INL	TRIP BLANK		Methylene Chloride	1		U		UG/L	06/15/2005	SW8260B		F	JGJ-041-05
GWM38201AV	INL	TRIP BLANK		Methylmethacrylate	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM38001AV	INL	TRIP BLANK		Methylmethacrylate	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM38101AV	INL	TRIP BLANK		Methylmethacrylate	1		U		UG/L	07/05/2005	SW8260B		F	JGJ-054-05
GWM37901AV	INL	TRIP BLANK		Methylmethacrylate	1		U	R	UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37701AV	INL	TRIP BLANK		Methylmethacrylate	1		U		UG/L	06/06/2005	SW8260B		F	DMG-130-05
GWM37801AV	INL	TRIP BLANK		Methylmethacrylate	1		U	R	UG/L	06/15/2005	SW8260B		F	JGJ-041-05
GWM38201AV	INL	TRIP BLANK		Propionitrile	5		U	R	UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM38001AV	INL	TRIP BLANK		Propionitrile	5		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM38101AV	INL	TRIP BLANK		Propionitrile	5		U		UG/L	07/05/2005	SW8260B		F	JGJ-054-05
GWM37901AV	INL	TRIP BLANK		Propionitrile	5		U	R	UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37701AV	INL	TRIP BLANK		Propionitrile	5		U	R	UG/L	06/06/2005	SW8260B		F	DMG-130-05
GWM37801AV	INL	TRIP BLANK		Propionitrile	5		U	R	UG/L	06/15/2005	SW8260B		F	JGJ-041-05
GWM38201AV	INL	TRIP BLANK		Styrene	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM38001AV	INL	TRIP BLANK		Styrene	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM38101AV	INL	TRIP BLANK		Styrene	1		U		UG/L	07/05/2005	SW8260B		F	JGJ-054-05
GWM37901AV	INL	TRIP BLANK		Styrene	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37701AV	INL	TRIP BLANK		Styrene	1		U		UG/L	06/06/2005	SW8260B		F	DMG-130-05
GWM37801AV	INL	TRIP BLANK		Styrene	1		U		UG/L	06/15/2005	SW8260B		F	JGJ-041-05
GWM38201AV	INL	TRIP BLANK		Tetrachloroethene	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM38001AV	INL	TRIP BLANK		Tetrachloroethene	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM38101AV	INL	TRIP BLANK		Tetrachloroethene	1		U		UG/L	07/05/2005	SW8260B		F	JGJ-054-05
GWM37901AV	INL	TRIP BLANK		Tetrachloroethene	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37701AV	INL	TRIP BLANK		Tetrachloroethene	1		U		UG/L	06/06/2005	SW8260B		F	DMG-130-05
GWM37801AV	INL	TRIP BLANK		Tetrachloroethene	1		U		UG/L	06/15/2005	SW8260B		F	JGJ-041-05
GWM38201AV	INL	TRIP BLANK		Toluene	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM38001AV	INL	TRIP BLANK		Toluene	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM38101AV	INL	TRIP BLANK		Toluene	1		U		UG/L	07/05/2005	SW8260B		F	JGJ-054-05
GWM37901AV	INL	TRIP BLANK		Toluene	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37701AV	INL	TRIP BLANK		Toluene	1		U		UG/L	06/06/2005	SW8260B		F	DMG-130-05
GWM37801AV	INL	TRIP BLANK		Toluene	1		U		UG/L	06/15/2005	SW8260B		F	JGJ-041-05

Table A-1. (continued).

Field Sample Number	Area	Location	Grid	Compound	Sample Result	Sample Error	Result Qualifier	Validation Flag	Sample Units	Date Sample Collected	Method Code	MDA	Filtered Metal Sample	L&V Report Number
GWM38201AV	INL	TRIP BLANK		trans-1,2-Dichloroethene	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM38001AV	INL	TRIP BLANK		trans-1,2-Dichloroethene	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM38101AV	INL	TRIP BLANK		trans-1,2-Dichloroethene	1		U		UG/L	07/05/2005	SW8260B		F	JGJ-054-05
GWM37901AV	INL	TRIP BLANK		trans-1,2-Dichloroethene	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37701AV	INL	TRIP BLANK		trans-1,2-Dichloroethene	1		U		UG/L	06/06/2005	SW8260B		F	DMG-130-05
GWM37801AV	INL	TRIP BLANK		trans-1,2-Dichloroethene	1		U		UG/L	06/15/2005	SW8260B		F	JGJ-041-05
GWM38201AV	INL	TRIP BLANK		trans-1,3-Dichloropropene	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM38001AV	INL	TRIP BLANK		trans-1,3-Dichloropropene	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM38101AV	INL	TRIP BLANK		trans-1,3-Dichloropropene	1		U		UG/L	07/05/2005	SW8260B		F	JGJ-054-05
GWM37901AV	INL	TRIP BLANK		trans-1,3-Dichloropropene	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37701AV	INL	TRIP BLANK		trans-1,3-Dichloropropene	1		U		UG/L	06/06/2005	SW8260B		F	DMG-130-05
GWM37801AV	INL	TRIP BLANK		trans-1,3-Dichloropropene	1		U		UG/L	06/15/2005	SW8260B		F	JGJ-041-05
GWM38201AV	INL	TRIP BLANK		trans-1,4-Dichloro-2-butene	5		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM38001AV	INL	TRIP BLANK		trans-1,4-Dichloro-2-butene	5		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM38101AV	INL	TRIP BLANK		trans-1,4-Dichloro-2-butene	5		U		UG/L	07/05/2005	SW8260B		F	JGJ-054-05
GWM37901AV	INL	TRIP BLANK		trans-1,4-Dichloro-2-butene	5		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37701AV	INL	TRIP BLANK		trans-1,4-Dichloro-2-butene	5		U		UG/L	06/06/2005	SW8260B		F	DMG-130-05
GWM37801AV	INL	TRIP BLANK		trans-1,4-Dichloro-2-butene	5		U		UG/L	06/15/2005	SW8260B		F	JGJ-041-05
GWM38201AV	INL	TRIP BLANK		Trichloroethene	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM38001AV	INL	TRIP BLANK		Trichloroethene	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM38101AV	INL	TRIP BLANK		Trichloroethene	1		U		UG/L	07/05/2005	SW8260B		F	JGJ-054-05
GWM37901AV	INL	TRIP BLANK		Trichloroethene	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37701AV	INL	TRIP BLANK		Trichloroethene	1		U		UG/L	06/06/2005	SW8260B		F	DMG-130-05
GWM37801AV	INL	TRIP BLANK		Trichloroethene	1		U		UG/L	06/15/2005	SW8260B		F	JGJ-041-05
GWM38201AV	INL	TRIP BLANK		Trichlorofluoromethane	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM38001AV	INL	TRIP BLANK		Trichlorofluoromethane	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM38101AV	INL	TRIP BLANK		Trichlorofluoromethane	1		U		UG/L	07/05/2005	SW8260B		F	JGJ-054-05
GWM37901AV	INL	TRIP BLANK		Trichlorofluoromethane	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37701AV	INL	TRIP BLANK		Trichlorofluoromethane	1		U		UG/L	06/06/2005	SW8260B		F	DMG-130-05
GWM37801AV	INL	TRIP BLANK		Trichlorofluoromethane	1		U		UG/L	06/15/2005	SW8260B		F	JGJ-041-05
GWM38201AV	INL	TRIP BLANK		Vinyl Acetate	2		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM38001AV	INL	TRIP BLANK		Vinyl Acetate	2		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM38101AV	INL	TRIP BLANK		Vinyl Acetate	2		U		UG/L	07/05/2005	SW8260B		F	JGJ-054-05
GWM37901AV	INL	TRIP BLANK		Vinyl Acetate	2		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37701AV	INL	TRIP BLANK		Vinyl Acetate	2		U		UG/L	06/06/2005	SW8260B		F	DMG-130-05
GWM37801AV	INL	TRIP BLANK		Vinyl Acetate	2		U		UG/L	06/15/2005	SW8260B		F	JGJ-041-05
GWM38201AV	INL	TRIP BLANK		Vinyl Chloride	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM38001AV	INL	TRIP BLANK		Vinyl Chloride	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM38101AV	INL	TRIP BLANK		Vinyl Chloride	1		U		UG/L	07/05/2005	SW8260B		F	JGJ-054-05
GWM37901AV	INL	TRIP BLANK		Vinyl Chloride	1		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37701AV	INL	TRIP BLANK		Vinyl Chloride	1		U		UG/L	06/06/2005	SW8260B		F	DMG-130-05
GWM37801AV	INL	TRIP BLANK		Vinyl Chloride	1		U		UG/L	06/15/2005	SW8260B		F	JGJ-041-05
GWM38201AV	INL	TRIP BLANK		Xylene (Total)	3		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM38001AV	INL	TRIP BLANK		Xylene (Total)	3		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM38101AV	INL	TRIP BLANK		Xylene (Total)	3		U		UG/L	07/05/2005	SW8260B		F	JGJ-054-05
GWM37901AV	INL	TRIP BLANK		Xylene (Total)	3		U		UG/L	06/21/2005	SW8260B		F	JGJ-042-05
GWM37701AV	INL	TRIP BLANK		Xylene (Total)	3		U		UG/L	06/06/2005	SW8260B		F	DMG-130-05
GWM37801AV	INL	TRIP BLANK		Xylene (Total)	3		U		UG/L	06/15/2005	SW8260B		F	JGJ-041-05
GWM35301AV	SOUTH INL	USGS-001	INLBOUNDARY	1,1,1,2-Tetrachloroethane	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM35301AV	SOUTH INL	USGS-001	INLBOUNDARY	1,1,1-Trichloroethane	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM35301AV	SOUTH INL	USGS-001	INLBOUNDARY	1,1,2,2-Tetrachloroethane	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM35301AV	SOUTH INL	USGS-001	INLBOUNDARY	1,1,2-Trichloroethane	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM35301AV	SOUTH INL	USGS-001	INLBOUNDARY	1,1-Dichloroethane	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM35301AV	SOUTH INL	USGS-001	INLBOUNDARY	1,1-Dichloroethene	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM35301AV	SOUTH INL	USGS-001	INLBOUNDARY	1,2,3-Trichloropropane	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM35301AV	SOUTH INL	USGS-001	INLBOUNDARY	1,2-Dibromo-3-chloropropane	5		U	R	UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM35301AV	SOUTH INL	USGS-001	INLBOUNDARY	1,2-Dibromoethane	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05

Table A-1. (continued).

Field Sample Number	Area	Location	Grid	Compound	Sample Result	Sample Error	Result Qualifier	Validation Flag	Sample Units	Date Sample Collected	Method Code	MDA	Filtered Metal Sample	L&V Report Number
GWM35301AV	SOUTH INL	USGS-001	INLBOUNDARY	1,2-Dichloroethane	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM35301AV	SOUTH INL	USGS-001	INLBOUNDARY	1,2-Dichloropropane	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM35301AV	SOUTH INL	USGS-001	INLBOUNDARY	1,4-Dioxane	80		U	R	UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM35301AV	SOUTH INL	USGS-001	INLBOUNDARY	2-Butanone	10		U	R	UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM35301AV	SOUTH INL	USGS-001	INLBOUNDARY	2-Hexanone	5		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM35301AV	SOUTH INL	USGS-001	INLBOUNDARY	Acetone	10		U	R	UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM35301AV	SOUTH INL	USGS-001	INLBOUNDARY	Acetonitrile	20		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM35301AV	SOUTH INL	USGS-001	INLBOUNDARY	Acrolein	5		U	R	UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM35301AV	SOUTH INL	USGS-001	INLBOUNDARY	Acrylonitrile	1		U	R	UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM35301AV	SOUTH INL	USGS-001	INLBOUNDARY	Allyl chloride	5		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM353012X	SOUTH INL	USGS-001	INLBOUNDARY	Aluminum	22.1		U		UG/L	07/11/2005	SW6010B		F	DNT-372-05
GWM35301RH	SOUTH INL	USGS-001	INLBOUNDARY	Americium-241	5.46E+00	6.90E+00		U	PCI/L	07/11/2005	GMS	2.37E+01	F	SOS-TL232-05
GWM353012X	SOUTH INL	USGS-001	INLBOUNDARY	Antimony	0.61		U		UG/L	07/11/2005	SW6020		F	DNT-372-05
GWM35301RH	SOUTH INL	USGS-001	INLBOUNDARY	Antimony-125	-2.78E+00	2.82E+00		U	PCI/L	07/11/2005	GMS	9.29E+00	F	SOS-TL232-05
GWM353012X	SOUTH INL	USGS-001	INLBOUNDARY	Arsenic	2.2				UG/L	07/11/2005	SW6020		F	DNT-372-05
GWM353012X	SOUTH INL	USGS-001	INLBOUNDARY	Barium	27.3		B		UG/L	07/11/2005	SW6010B		F	DNT-372-05
GWM35301AV	SOUTH INL	USGS-001	INLBOUNDARY	Benzene	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM353012X	SOUTH INL	USGS-001	INLBOUNDARY	Beryllium	0.13		U		UG/L	07/11/2005	SW6020		F	DNT-372-05
GWM35301AN	SOUTH INL	USGS-001	INLBOUNDARY	Bromide	0.25		U	UJ	MG/L	07/11/2005	E300		F	DNT-368-05
GWM35301AV	SOUTH INL	USGS-001	INLBOUNDARY	Bromodichloromethane	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM35301AV	SOUTH INL	USGS-001	INLBOUNDARY	Bromoform	2		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM35301AV	SOUTH INL	USGS-001	INLBOUNDARY	Bromomethane	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM353012X	SOUTH INL	USGS-001	INLBOUNDARY	Cadmium	0.067		U		UG/L	07/11/2005	SW6020		F	DNT-372-05
GWM353012X	SOUTH INL	USGS-001	INLBOUNDARY	Calcium	34400				UG/L	07/11/2005	SW6010B		F	DNT-372-05
GWM35301AV	SOUTH INL	USGS-001	INLBOUNDARY	Carbon disulfide	5		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM35301AV	SOUTH INL	USGS-001	INLBOUNDARY	Carbon tetrachloride	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM35301RH	SOUTH INL	USGS-001	INLBOUNDARY	Cerium-144	3.18E-01	7.33E+00		U	PCI/L	07/11/2005	GMS	2.59E+01	F	SOS-TL232-05
GWM35301RH	SOUTH INL	USGS-001	INLBOUNDARY	Cesium-134	3.23E-01	1.02E+00		U	PCI/L	07/11/2005	GMS	3.75E+00	F	SOS-TL232-05
GWM35301RH	SOUTH INL	USGS-001	INLBOUNDARY	Cesium-137	-9.16E-01	1.01E+00		U	PCI/L	07/11/2005	GMS	3.47E+00	F	SOS-TL232-05
GWM35301AN	SOUTH INL	USGS-001	INLBOUNDARY	Chloride	13.2				MG/L	07/11/2005	E300		F	DNT-368-05
GWM35301AV	SOUTH INL	USGS-001	INLBOUNDARY	Chlorobenzene	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM35301AV	SOUTH INL	USGS-001	INLBOUNDARY	Chloroethane	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM35301AV	SOUTH INL	USGS-001	INLBOUNDARY	Chloroform	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM35301AV	SOUTH INL	USGS-001	INLBOUNDARY	Chloromethane	5		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM35301AV	SOUTH INL	USGS-001	INLBOUNDARY	Chloroprene	5		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM353012X	SOUTH INL	USGS-001	INLBOUNDARY	Chromium	3.7		U		UG/L	07/11/2005	SW6020		F	DNT-372-05
GWM35301AV	SOUTH INL	USGS-001	INLBOUNDARY	cis-1,2-Dichloroethene	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM35301AV	SOUTH INL	USGS-001	INLBOUNDARY	cis-1,3-Dichloropropene	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM353012X	SOUTH INL	USGS-001	INLBOUNDARY	Cobalt	2.8		U		UG/L	07/11/2005	SW6010B		F	DNT-372-05
GWM35301RH	SOUTH INL	USGS-001	INLBOUNDARY	Cobalt-60	-1.23E-02	1.18E+00		U	PCI/L	07/11/2005	GMS	4.32E+00	F	SOS-TL232-05
GWM353012X	SOUTH INL	USGS-001	INLBOUNDARY	Copper	1.1		U		UG/L	07/11/2005	SW6010B		F	DNT-372-05
GWM35301AV	SOUTH INL	USGS-001	INLBOUNDARY	Dibromochloromethane	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM35301AV	SOUTH INL	USGS-001	INLBOUNDARY	Dibromomethane	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM35301AV	SOUTH INL	USGS-001	INLBOUNDARY	Dichlorodifluoromethane	5		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM35301AV	SOUTH INL	USGS-001	INLBOUNDARY	Ethylbenzene	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM35301RH	SOUTH INL	USGS-001	INLBOUNDARY	Europium-152	3.45E-01	3.28E+00		U	PCI/L	07/11/2005	GMS	1.13E+01	F	SOS-TL232-05
GWM35301RH	SOUTH INL	USGS-001	INLBOUNDARY	Europium-154	3.90E+00	2.83E+00		U	PCI/L	07/11/2005	GMS	1.14E+01	F	SOS-TL232-05
GWM35301RH	SOUTH INL	USGS-001	INLBOUNDARY	Europium-155	-6.49E+00	4.12E+00		U	PCI/L	07/11/2005	GMS	1.30E+01	F	SOS-TL232-05
GWM35301AN	SOUTH INL	USGS-001	INLBOUNDARY	Fluoride	0.57				MG/L	07/11/2005	E300		F	DNT-368-05
GWM35301RH	SOUTH INL	USGS-001	INLBOUNDARY	Gross Alpha	5.51E-01	5.92E-01		U	PCI/L	07/11/2005	GAB	2.11E+00	F	SOS-TL232-05
GWM35301RH	SOUTH INL	USGS-001	INLBOUNDARY	Gross Beta	3.45E+00	8.63E-01			PCI/L	07/11/2005	GAB	3.11E+00	F	SOS-TL232-05
GWM35301UX	SOUTH INL	USGS-001	INLBOUNDARY	Iodine-129	-2.28E-02	2.92E-02		U	PCI/L	07/11/2005	GMS	1.02E-01	F	SOS-TL227-05
GWM353012X	SOUTH INL	USGS-001	INLBOUNDARY	Iron	52.2		B	U	UG/L	07/11/2005	SW6010B		F	DNT-372-05
GWM35301AV	SOUTH INL	USGS-001	INLBOUNDARY	Isobutyl alcohol	80		U	R	UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM353012X	SOUTH INL	USGS-001	INLBOUNDARY	Lead	1.1		U		UG/L	07/11/2005	SW6010B		F	DNT-372-05
GWM353012X	SOUTH INL	USGS-001	INLBOUNDARY	Lithium	20		B	U	UG/L	07/11/2005	SW6010B		F	DNT-372-05
GWM353012X	SOUTH INL	USGS-001	INLBOUNDARY	Magnesium	13200				UG/L	07/11/2005	SW6010B		F	DNT-372-05

Table A-1. (continued).

Field Sample Number	Area	Location	Grid	Compound	Sample Result	Sample Error	Result Qualifier	Validation Flag	Sample Units	Date Sample Collected	Method Code	MDA	Filtered Metal Sample	L&V Report Number
GWM353012X	SOUTH INL	USGS-001	INLBOUNDARY	Manganese	3.4		B	U	UG/L	07/11/2005	SW6020		F	DNT-372-05
GWM35301RH	SOUTH INL	USGS-001	INLBOUNDARY	Manganese-54	2.98E-02	1.05E+00		U	PCI/L	07/11/2005	GMS	3.73E+00	F	SOS-TL232-05
GWM353012X	SOUTH INL	USGS-001	INLBOUNDARY	Mercury	0.1		U		UG/L	07/11/2005	SW7470A		F	DNT-372-05
GWM35301AV	SOUTH INL	USGS-001	INLBOUNDARY	Methacrylonitrile	5		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM35301AV	SOUTH INL	USGS-001	INLBOUNDARY	Methyl iodide	2		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM35301AV	SOUTH INL	USGS-001	INLBOUNDARY	Methyl isobutyl ketone	5		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM35301AV	SOUTH INL	USGS-001	INLBOUNDARY	Methylene Chloride	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM35301AV	SOUTH INL	USGS-001	INLBOUNDARY	Methylmethacrylate	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM353012X	SOUTH INL	USGS-001	INLBOUNDARY	Molybdenum	3.7		U		UG/L	07/11/2005	SW6010B		F	DNT-372-05
GWM353012X	SOUTH INL	USGS-001	INLBOUNDARY	Nickel	3.2		U		UG/L	07/11/2005	SW6010B		F	DNT-372-05
GWM35301RH	SOUTH INL	USGS-001	INLBOUNDARY	Niobium-94	-1.10E+00	1.02E+00		U	PCI/L	07/11/2005	GMS	3.47E+00	F	SOS-TL232-05
GWM35301RH	SOUTH INL	USGS-001	INLBOUNDARY	Niobium-95	2.56E+00	1.14E+00		UJ	PCI/L	07/11/2005	GMS	4.54E+00	F	SOS-TL232-05
GWM35301N2	SOUTH INL	USGS-001	INLBOUNDARY	Nitrate/Nitrite as N	1.3				MG/L	07/11/2005	E353.1		F	DNT-368-05
GWM353012X	SOUTH INL	USGS-001	INLBOUNDARY	Potassium	4420		B	U	UG/L	07/11/2005	SW6010B		F	DNT-372-05
GWM35301AV	SOUTH INL	USGS-001	INLBOUNDARY	Propionitrile	5		U	R	UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM35301RH	SOUTH INL	USGS-001	INLBOUNDARY	Ruthenium-106	1.54E+00	9.32E+00		U	PCI/L	07/11/2005	GMS	3.38E+01	F	SOS-TL232-05
GWM353012X	SOUTH INL	USGS-001	INLBOUNDARY	Selenium	2		U		UG/L	07/11/2005	SW6010B		F	DNT-372-05
GWM353012X	SOUTH INL	USGS-001	INLBOUNDARY	Silicon	16000				UG/L	07/11/2005	SW6010B		F	DNT-372-05
GWM353012X	SOUTH INL	USGS-001	INLBOUNDARY	Silver	1.5		U		UG/L	07/11/2005	SW6020		F	DNT-372-05
GWM35301RH	SOUTH INL	USGS-001	INLBOUNDARY	Silver-108m	6.98E-01	1.09E+00		U	PCI/L	07/11/2005	GMS	3.83E+00	F	SOS-TL232-05
GWM35301RH	SOUTH INL	USGS-001	INLBOUNDARY	Silver-110m	2.18E-01	9.08E-01		U	PCI/L	07/11/2005	GMS	3.32E+00	F	SOS-TL232-05
GWM353012X	SOUTH INL	USGS-001	INLBOUNDARY	Sodium	15800				UG/L	07/11/2005	SW6010B		F	DNT-372-05
GWM353012X	SOUTH INL	USGS-001	INLBOUNDARY	Strontium	146				UG/L	07/11/2005	SW6010B		F	DNT-372-05
GWM35301RH	SOUTH INL	USGS-001	INLBOUNDARY	Strontium-90	-6.26E-02	1.11E-01		U	PCI/L	07/11/2005	GFP	5.82E-01	F	SOS-TL232-05
GWM35301AV	SOUTH INL	USGS-001	INLBOUNDARY	Styrene	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM35301AN	SOUTH INL	USGS-001	INLBOUNDARY	Sulfate	13.8			J	MG/L	07/11/2005	E300		F	DNT-368-05
GWM35301RH	SOUTH INL	USGS-001	INLBOUNDARY	Technetium-99	3.92E+00	2.15E+00		U	PCI/L	07/11/2005	LSC	7.05E+00	F	SOS-TL232-05
GWM35301AV	SOUTH INL	USGS-001	INLBOUNDARY	Tetrachloroethene	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM353012X	SOUTH INL	USGS-001	INLBOUNDARY	Thallium	0.31		B	U	UG/L	07/11/2005	SW6020		F	DNT-372-05
GWM353012X	SOUTH INL	USGS-001	INLBOUNDARY	Tin	3.9		U		UG/L	07/11/2005	SW6010B		F	DNT-372-05
GWM35301AV	SOUTH INL	USGS-001	INLBOUNDARY	Toluene	0.97		J		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM35301A1	SOUTH INL	USGS-001	INLBOUNDARY	Total Alkalinity	124				MG/L	07/11/2005	E310.1		F	DNT-368-05
GWM35301AV	SOUTH INL	USGS-001	INLBOUNDARY	trans-1,2-Dichloroethene	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM35301AV	SOUTH INL	USGS-001	INLBOUNDARY	trans-1,3-Dichloropropene	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM35301AV	SOUTH INL	USGS-001	INLBOUNDARY	trans-1,4-Dichloro-2-butene	5		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM35301AV	SOUTH INL	USGS-001	INLBOUNDARY	Trichloroethene	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM35301AV	SOUTH INL	USGS-001	INLBOUNDARY	Trichlorofluoromethane	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM35301R8	SOUTH INL	USGS-001	INLBOUNDARY	Tritium	-1.91E+02	1.10E+02		U	PCI/L	07/11/2005	LSC	4.07E+02	F	SOS-TL232-05
GWM353012X	SOUTH INL	USGS-001	INLBOUNDARY	Uranium	2		B		UG/L	07/11/2005	SW6020		F	DNT-372-05
GWM35301RH	SOUTH INL	USGS-001	INLBOUNDARY	Uranium-233/234	1.34E+00	2.15E-01			PCI/L	07/11/2005	ALS	2.11E-01	F	SOS-TL232-05
GWM35301RH	SOUTH INL	USGS-001	INLBOUNDARY	Uranium-235	2.38E-01	8.59E-02		J	PCI/L	07/11/2005	ALS	1.74E-01	F	SOS-TL232-05
GWM35301RH	SOUTH INL	USGS-001	INLBOUNDARY	Uranium-238	7.74E-01	1.57E-01			PCI/L	07/11/2005	ALS	1.47E-01	F	SOS-TL232-05
GWM353012X	SOUTH INL	USGS-001	INLBOUNDARY	Vanadium	5.4		B		UG/L	07/11/2005	SW6010B		F	DNT-372-05
GWM35301AV	SOUTH INL	USGS-001	INLBOUNDARY	Vinyl Acetate	2		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM35301AV	SOUTH INL	USGS-001	INLBOUNDARY	Vinyl Chloride	1		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM35301AV	SOUTH INL	USGS-001	INLBOUNDARY	Xylene (Total)	3		U		UG/L	07/11/2005	SW8260B		F	JGJ-056-05
GWM353012X	SOUTH INL	USGS-001	INLBOUNDARY	Zinc	12.2			U	UG/L	07/11/2005	SW6010B		F	DNT-372-05
GWM35301RH	SOUTH INL	USGS-001	INLBOUNDARY	Zinc-65	1.27E+00	2.61E+00		U	PCI/L	07/11/2005	GMS	8.63E+00	F	SOS-TL232-05
GWM36201AV	SOUTH INL	USGS-002	GUARD WELLS	1,1,1,2-Tetrachloroethane	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM36201AV	SOUTH INL	USGS-002	GUARD WELLS	1,1,1-Trichloroethane	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM36201AV	SOUTH INL	USGS-002	GUARD WELLS	1,1,2,2-Tetrachloroethane	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM36201AV	SOUTH INL	USGS-002	GUARD WELLS	1,1,2-Trichloroethane	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM36201AV	SOUTH INL	USGS-002	GUARD WELLS	1,1-Dichloroethane	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM36201AV	SOUTH INL	USGS-002	GUARD WELLS	1,1-Dichloroethene	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM36201AV	SOUTH INL	USGS-002	GUARD WELLS	1,2,3-Trichloropropane	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM36201AV	SOUTH INL	USGS-002	GUARD WELLS	1,2-Dibromo-3-chloropropane	5		U	R	UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM36201AV	SOUTH INL	USGS-002	GUARD WELLS	1,2-Dibromoethane	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05

Table A-1. (continued).

Field Sample Number	Area	Location	Grid	Compound	Sample Result	Sample Error	Result Qualifier	Validation Flag	Sample Units	Date Sample Collected	Method Code	MDA	Filtered Metal Sample	L&V Report Number
GWM36201AV	SOUTH INL	USGS-002	GUARD WELLS	1,2-Dichloroethane	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM36201AV	SOUTH INL	USGS-002	GUARD WELLS	1,2-Dichloropropane	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM36201AV	SOUTH INL	USGS-002	GUARD WELLS	1,4-Dioxane	80		U	R	UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM36201AV	SOUTH INL	USGS-002	GUARD WELLS	2-Butanone	10		U	R	UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM36201AV	SOUTH INL	USGS-002	GUARD WELLS	2-Hexanone	5		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM36201AV	SOUTH INL	USGS-002	GUARD WELLS	Acetone	10		U	R	UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM36201AV	SOUTH INL	USGS-002	GUARD WELLS	Acetonitrile	20		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM36201AV	SOUTH INL	USGS-002	GUARD WELLS	Acrolein	5		U	R	UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM36201AV	SOUTH INL	USGS-002	GUARD WELLS	Acrylonitrile	1		U	R	UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM36201AV	SOUTH INL	USGS-002	GUARD WELLS	Allyl chloride	5		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM362012X	SOUTH INL	USGS-002	GUARD WELLS	Aluminum	22.1		U		UG/L	07/19/2005	SW6010B		F	DNT-373-05
GWM36201RH	SOUTH INL	USGS-002	GUARD WELLS	Americium-241	3.42E+00	1.34E+01		U	PCI/L	07/19/2005	GMS	4.32E+01	F	SOS-TL289-05
GWM362012X	SOUTH INL	USGS-002	GUARD WELLS	Antimony	0.61		U		UG/L	07/19/2005	SW6020		F	DNT-373-05
GWM36201RH	SOUTH INL	USGS-002	GUARD WELLS	Antimony-125	1.12E+00	6.55E+00		U	PCI/L	07/19/2005	GMS	2.41E+01	F	SOS-TL289-05
GWM362012X	SOUTH INL	USGS-002	GUARD WELLS	Arsenic	3.8				UG/L	07/19/2005	SW6020		F	DNT-373-05
GWM362012X	SOUTH INL	USGS-002	GUARD WELLS	Barium	86.5		B		UG/L	07/19/2005	SW6010B		F	DNT-373-05
GWM36201AV	SOUTH INL	USGS-002	GUARD WELLS	Benzene	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM362012X	SOUTH INL	USGS-002	GUARD WELLS	Beryllium	0.13		U		UG/L	07/19/2005	SW6020		F	DNT-373-05
GWM36201AN	SOUTH INL	USGS-002	GUARD WELLS	Bromide	0.25		U		MG/L	07/19/2005	E300		F	DNT-369-05
GWM36201AV	SOUTH INL	USGS-002	GUARD WELLS	Bromodichloromethane	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM36201AV	SOUTH INL	USGS-002	GUARD WELLS	Bromoform	2		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM36201AV	SOUTH INL	USGS-002	GUARD WELLS	Bromomethane	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM362012X	SOUTH INL	USGS-002	GUARD WELLS	Cadmium	0.067		U		UG/L	07/19/2005	SW6020		F	DNT-373-05
GWM362012X	SOUTH INL	USGS-002	GUARD WELLS	Calcium	53500				UG/L	07/19/2005	SW6010B		F	DNT-373-05
GWM36201AV	SOUTH INL	USGS-002	GUARD WELLS	Carbon disulfide	5		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM36201AV	SOUTH INL	USGS-002	GUARD WELLS	Carbon tetrachloride	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM36201RH	SOUTH INL	USGS-002	GUARD WELLS	Cerium-144	-1.85E+01	1.44E+01		U	PCI/L	07/19/2005	GMS	4.71E+01	F	SOS-TL289-05
GWM36201RH	SOUTH INL	USGS-002	GUARD WELLS	Cesium-134	4.22E+00	2.30E+00		U	PCI/L	07/19/2005	GMS	9.94E+00	F	SOS-TL289-05
GWM36201RH	SOUTH INL	USGS-002	GUARD WELLS	Cesium-137	-3.28E-01	2.29E+00		U	PCI/L	07/19/2005	GMS	8.36E+00	F	SOS-TL289-05
GWM36201AN	SOUTH INL	USGS-002	GUARD WELLS	Chloride	16.2				MG/L	07/19/2005	E300		F	DNT-369-05
GWM36201AV	SOUTH INL	USGS-002	GUARD WELLS	Chlorobenzene	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM36201AV	SOUTH INL	USGS-002	GUARD WELLS	Chloroethane	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM36201AV	SOUTH INL	USGS-002	GUARD WELLS	Chloroform	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM36201AV	SOUTH INL	USGS-002	GUARD WELLS	Chloromethane	5		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM36201AV	SOUTH INL	USGS-002	GUARD WELLS	Chloroprene	5		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM362012X	SOUTH INL	USGS-002	GUARD WELLS	Chromium	3.7		U		UG/L	07/19/2005	SW6020		F	DNT-373-05
GWM36201AV	SOUTH INL	USGS-002	GUARD WELLS	cis-1,2-Dichloroethene	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM36201AV	SOUTH INL	USGS-002	GUARD WELLS	cis-1,3-Dichloropropene	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM362012X	SOUTH INL	USGS-002	GUARD WELLS	Cobalt	2.8		U		UG/L	07/19/2005	SW6010B		F	DNT-373-05
GWM36201RH	SOUTH INL	USGS-002	GUARD WELLS	Cobalt-60	3.90E+00	2.44E+00		U	PCI/L	07/19/2005	GMS	1.11E+01	F	SOS-TL289-05
GWM362012X	SOUTH INL	USGS-002	GUARD WELLS	Copper	1.1		U		UG/L	07/19/2005	SW6010B		F	DNT-373-05
GWM36201AV	SOUTH INL	USGS-002	GUARD WELLS	Dibromochloromethane	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM36201AV	SOUTH INL	USGS-002	GUARD WELLS	Dibromomethane	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM36201AV	SOUTH INL	USGS-002	GUARD WELLS	Dichlorodifluoromethane	5		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM36201AV	SOUTH INL	USGS-002	GUARD WELLS	Ethylbenzene	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM36201RH	SOUTH INL	USGS-002	GUARD WELLS	Europium-152	2.73E+00	7.04E+00		U	PCI/L	07/19/2005	GMS	2.60E+01	F	SOS-TL289-05
GWM36201RH	SOUTH INL	USGS-002	GUARD WELLS	Europium-154	-7.44E+00	7.82E+00		U	PCI/L	07/19/2005	GMS	2.74E+01	F	SOS-TL289-05
GWM36201RH	SOUTH INL	USGS-002	GUARD WELLS	Europium-155	-3.41E+00	8.06E+00		U	PCI/L	07/19/2005	GMS	2.76E+01	F	SOS-TL289-05
GWM36201AN	SOUTH INL	USGS-002	GUARD WELLS	Fluoride	0.52				MG/L	07/19/2005	E300		F	DNT-369-05
GWM36201RH	SOUTH INL	USGS-002	GUARD WELLS	Gross Alpha	2.98E+00	7.22E-01			PCI/L	07/19/2005	GAB	2.03E+00	F	SOS-TL289-05
GWM36201RH	SOUTH INL	USGS-002	GUARD WELLS	Gross Beta	5.06E+00	9.29E-01			PCI/L	07/19/2005	GAB	3.34E+00	F	SOS-TL289-05
GWM36201UX	SOUTH INL	USGS-002	GUARD WELLS	Iodine-129	3.89E-02	3.97E-02		U	PCI/L	07/19/2005	GMS	1.23E-01	F	SOS-TL238-05
GWM362012X	SOUTH INL	USGS-002	GUARD WELLS	Iron	31.8		B	U	UG/L	07/19/2005	SW6010B		F	DNT-373-05
GWM36201AV	SOUTH INL	USGS-002	GUARD WELLS	Isobutyl alcohol	80		U	R	UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM362012X	SOUTH INL	USGS-002	GUARD WELLS	Lead	1.1		U		UG/L	07/19/2005	SW6010B		F	DNT-373-05
GWM362012X	SOUTH INL	USGS-002	GUARD WELLS	Lithium	34		B	U	UG/L	07/19/2005	SW6010B		F	DNT-373-05
GWM362012X	SOUTH INL	USGS-002	GUARD WELLS	Magnesium	18700				UG/L	07/19/2005	SW6010B		F	DNT-373-05

Table A-1. (continued).

Field Sample Number	Area	Location	Grid	Compound	Sample Result	Sample Error	Result Qualifier	Validation Flag	Sample Units	Date Sample Collected	Method Code	MDA	Filtered Metal Sample	L&V Report Number
GWM362012X	SOUTH INL	USGS-002	GUARD WELLS	Manganese	3.3		B		UG/L	07/19/2005	SW6020		F	DNT-373-05
GWM36201RH	SOUTH INL	USGS-002	GUARD WELLS	Manganese-54	-2.88E+00	2.52E+00		U	PCI/L	07/19/2005	GMS	8.25E+00	F	SOS-TL289-05
GWM362012X	SOUTH INL	USGS-002	GUARD WELLS	Mercury	0.1		U		UG/L	07/19/2005	SW7470A		F	DNT-373-05
GWM36201AV	SOUTH INL	USGS-002	GUARD WELLS	Methacrylonitrile	5		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM36201AV	SOUTH INL	USGS-002	GUARD WELLS	Methyl iodide	2		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM36201AV	SOUTH INL	USGS-002	GUARD WELLS	Methyl isobutyl ketone	5		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM36201AV	SOUTH INL	USGS-002	GUARD WELLS	Methylene Chloride	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM36201AV	SOUTH INL	USGS-002	GUARD WELLS	Methylmethacrylate	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM362012X	SOUTH INL	USGS-002	GUARD WELLS	Molybdenum	3.7		U		UG/L	07/19/2005	SW6010B		F	DNT-373-05
GWM362012X	SOUTH INL	USGS-002	GUARD WELLS	Nickel	3.2		U		UG/L	07/19/2005	SW6010B		F	DNT-373-05
GWM36201RH	SOUTH INL	USGS-002	GUARD WELLS	Niobium-94	1.52E+00	2.22E+00		U	PCI/L	07/19/2005	GMS	8.47E+00	F	SOS-TL289-05
GWM36201RH	SOUTH INL	USGS-002	GUARD WELLS	Niobium-95	8.16E+00	4.54E+00		U	PCI/L	07/19/2005	GMS	1.26E+01	F	SOS-TL289-05
GWM36201N2	SOUTH INL	USGS-002	GUARD WELLS	Nitrate/Nitrite as N	1.9				MG/L	07/19/2005	E353.1		F	DNT-369-05
GWM362012X	SOUTH INL	USGS-002	GUARD WELLS	Potassium	5040				UG/L	07/19/2005	SW6010B		F	DNT-373-05
GWM36201AV	SOUTH INL	USGS-002	GUARD WELLS	Propionitrile	5		U	R	UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM36201RH	SOUTH INL	USGS-002	GUARD WELLS	Ruthenium-106	-1.70E+01	2.09E+01		U	PCI/L	07/19/2005	GMS	7.18E+01	F	SOS-TL289-05
GWM362012X	SOUTH INL	USGS-002	GUARD WELLS	Selenium	2		U		UG/L	07/19/2005	SW6010B		F	DNT-373-05
GWM362012X	SOUTH INL	USGS-002	GUARD WELLS	Silicon	17000		N		UG/L	07/19/2005	SW6010B		F	DNT-373-05
GWM362012X	SOUTH INL	USGS-002	GUARD WELLS	Silver	1.5		U		UG/L	07/19/2005	SW6020		F	DNT-373-05
GWM36201RH	SOUTH INL	USGS-002	GUARD WELLS	Silver-108m	5.06E+00	2.55E+00		U	PCI/L	07/19/2005	GMS	1.01E+01	F	SOS-TL289-05
GWM36201RH	SOUTH INL	USGS-002	GUARD WELLS	Silver-110m	1.52E+00	2.02E+00		U	PCI/L	07/19/2005	GMS	8.00E+00	F	SOS-TL289-05
GWM362012X	SOUTH INL	USGS-002	GUARD WELLS	Sodium	30000				UG/L	07/19/2005	SW6010B		F	DNT-373-05
GWM362012X	SOUTH INL	USGS-002	GUARD WELLS	Strontium	264				UG/L	07/19/2005	SW6010B		F	DNT-373-05
GWM36201RH	SOUTH INL	USGS-002	GUARD WELLS	Strontium-90	2.94E-01	1.51E-01		U	PCI/L	07/19/2005	SRR	6.35E-01	F	SOS-TL289-05
GWM36201AV	SOUTH INL	USGS-002	GUARD WELLS	Styrene	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM36201AN	SOUTH INL	USGS-002	GUARD WELLS	Sulfate	15.7				MG/L	07/19/2005	E300		F	DNT-369-05
GWM36201RH	SOUTH INL	USGS-002	GUARD WELLS	Technetium-99	5.13E-01	2.19E+00		U	PCI/L	07/19/2005	LSC	7.35E+00	F	SOS-TL289-05
GWM36201AV	SOUTH INL	USGS-002	GUARD WELLS	Tetrachloroethene	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM362012X	SOUTH INL	USGS-002	GUARD WELLS	Thallium	0.64		B	U	UG/L	07/19/2005	SW6020		F	DNT-373-05
GWM362012X	SOUTH INL	USGS-002	GUARD WELLS	Tin	3.9		U		UG/L	07/19/2005	SW6010B		F	DNT-373-05
GWM36201AV	SOUTH INL	USGS-002	GUARD WELLS	Toluene	18				UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM36201A1	SOUTH INL	USGS-002	GUARD WELLS	Total Alkalinity	132				MG/L	07/19/2005	E310.1		F	DNT-369-05
GWM36201AV	SOUTH INL	USGS-002	GUARD WELLS	trans-1,2-Dichloroethene	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM36201AV	SOUTH INL	USGS-002	GUARD WELLS	trans-1,3-Dichloropropene	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM36201AV	SOUTH INL	USGS-002	GUARD WELLS	trans-1,4-Dichloro-2-butene	5		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM36201AV	SOUTH INL	USGS-002	GUARD WELLS	Trichloroethene	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM36201AV	SOUTH INL	USGS-002	GUARD WELLS	Trichlorofluoromethane	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM36201R8	SOUTH INL	USGS-002	GUARD WELLS	Tritium	-1.19E+02	1.17E+02		U	PCI/L	07/19/2005	LSC	4.03E+02	F	SOS-TL289-05
GWM362012X	SOUTH INL	USGS-002	GUARD WELLS	Uranium	3.3		B		UG/L	07/19/2005	SW6020		F	DNT-373-05
GWM36201RH	SOUTH INL	USGS-002	GUARD WELLS	Uranium-233/234	9.92E-01	2.60E-01			PCI/L	07/19/2005	ALS	3.32E-01	F	SOS-TL289-05
GWM36201RH	SOUTH INL	USGS-002	GUARD WELLS	Uranium-235	3.11E-01	1.57E-01		U	PCI/L	07/19/2005	ALS	2.33E-01	F	SOS-TL289-05
GWM36201RH	SOUTH INL	USGS-002	GUARD WELLS	Uranium-238	1.12E+00	2.77E-01			PCI/L	07/19/2005	ALS	3.32E-01	F	SOS-TL289-05
GWM362012X	SOUTH INL	USGS-002	GUARD WELLS	Vanadium	4.9		B		UG/L	07/19/2005	SW6010B		F	DNT-373-05
GWM36201AV	SOUTH INL	USGS-002	GUARD WELLS	Vinyl Acetate	2		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM36201AV	SOUTH INL	USGS-002	GUARD WELLS	Vinyl Chloride	1		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM36201AV	SOUTH INL	USGS-002	GUARD WELLS	Xylene (Total)	3		U		UG/L	07/19/2005	SW8260B		F	DMG-151-05
GWM362012X	SOUTH INL	USGS-002	GUARD WELLS	Zinc	3.5		B	U	UG/L	07/19/2005	SW6010B		F	DNT-373-05
GWM36201RH	SOUTH INL	USGS-002	GUARD WELLS	Zinc-65	1.12E+00	7.09E+00		U	PCI/L	07/19/2005	GMS	2.37E+01	F	SOS-TL289-05
GWM36701AV	MIDDLE INL	USGS-004	BASELINE WELLS	1,1,1,2-Tetrachloroethane	1		U		UG/L	07/27/2005	SW8260B		F	DMG-154-05
GWM36701AV	MIDDLE INL	USGS-004	BASELINE WELLS	1,1,1-Trichloroethane	1		U		UG/L	07/27/2005	SW8260B		F	DMG-154-05
GWM36701AV	MIDDLE INL	USGS-004	BASELINE WELLS	1,1,2,2-Tetrachloroethane	1		U		UG/L	07/27/2005	SW8260B		F	DMG-154-05
GWM36701AV	MIDDLE INL	USGS-004	BASELINE WELLS	1,1,2-Trichloroethane	1		U		UG/L	07/27/2005	SW8260B		F	DMG-154-05
GWM36701AV	MIDDLE INL	USGS-004	BASELINE WELLS	1,1-Dichloroethane	1		U		UG/L	07/27/2005	SW8260B		F	DMG-154-05
GWM36701AV	MIDDLE INL	USGS-004	BASELINE WELLS	1,1-Dichloroethene	1		U		UG/L	07/27/2005	SW8260B		F	DMG-154-05
GWM36701AV	MIDDLE INL	USGS-004	BASELINE WELLS	1,2,3-Trichloropropane	1		U		UG/L	07/27/2005	SW8260B		F	DMG-154-05
GWM36701AV	MIDDLE INL	USGS-004	BASELINE WELLS	1,2-Dibromo-3-chloropropane	5		U	R	UG/L	07/27/2005	SW8260B		F	DMG-154-05
GWM36701AV	MIDDLE INL	USGS-004	BASELINE WELLS	1,2-Dibromoethane	1		U		UG/L	07/27/2005	SW8260B		F	DMG-154-05

Table A-1. (continued).

Field Sample Number	Area	Location	Grid	Compound	Sample Result	Sample Error	Result Qualifier	Validation Flag	Sample Units	Date Sample Collected	Method Code	MDA	Filtered Metal Sample	L&V Report Number
GWM36701AV	MIDDLE INL	USGS-004	BASELINE WELLS	1,2-Dichloroethane	1		U		UG/L	07/27/2005	SW8260B		F	DMG-154-05
GWM36701AV	MIDDLE INL	USGS-004	BASELINE WELLS	1,2-Dichloropropane	1		U		UG/L	07/27/2005	SW8260B		F	DMG-154-05
GWM36701AV	MIDDLE INL	USGS-004	BASELINE WELLS	1,4-Dioxane	80		U	R	UG/L	07/27/2005	SW8260B		F	DMG-154-05
GWM36701AV	MIDDLE INL	USGS-004	BASELINE WELLS	2-Butanone	10		U	R	UG/L	07/27/2005	SW8260B		F	DMG-154-05
GWM36701AV	MIDDLE INL	USGS-004	BASELINE WELLS	2-Hexanone	5		U		UG/L	07/27/2005	SW8260B		F	DMG-154-05
GWM36701AV	MIDDLE INL	USGS-004	BASELINE WELLS	Acetone	10		U	R	UG/L	07/27/2005	SW8260B		F	DMG-154-05
GWM36701AV	MIDDLE INL	USGS-004	BASELINE WELLS	Acetonitrile	20		U		UG/L	07/27/2005	SW8260B		F	DMG-154-05
GWM36701AV	MIDDLE INL	USGS-004	BASELINE WELLS	Acrolein	5		U	R	UG/L	07/27/2005	SW8260B		F	DMG-154-05
GWM36701AV	MIDDLE INL	USGS-004	BASELINE WELLS	Acrylonitrile	1		U	R	UG/L	07/27/2005	SW8260B		F	DMG-154-05
GWM36701AV	MIDDLE INL	USGS-004	BASELINE WELLS	Allyl chloride	5		U		UG/L	07/27/2005	SW8260B		F	DMG-154-05
GWM367012X	MIDDLE INL	USGS-004	BASELINE WELLS	Aluminum	35.8		B	U	UG/L	07/27/2005	SW6010B		F	DNT-385-05
GWM36701RH	MIDDLE INL	USGS-004	BASELINE WELLS	Americium-241	1.57E+01	1.67E+01		U	PCI/L	07/27/2005	GMS	5.77E+01	F	SOS-TL247-05
GWM367012X	MIDDLE INL	USGS-004	BASELINE WELLS	Antimony	0.61		U		UG/L	07/27/2005	SW6020		F	DNT-385-05
GWM36701RH	MIDDLE INL	USGS-004	BASELINE WELLS	Antimony-125	3.03E+00	6.10E+00		U	PCI/L	07/27/2005	GMS	2.34E+01	F	SOS-TL247-05
GWM367012X	MIDDLE INL	USGS-004	BASELINE WELLS	Arsenic	3.3				UG/L	07/27/2005	SW6020		F	DNT-385-05
GWM367012X	MIDDLE INL	USGS-004	BASELINE WELLS	Barium	142				UG/L	07/27/2005	SW6010B		F	DNT-385-05
GWM36701AV	MIDDLE INL	USGS-004	BASELINE WELLS	Benzene	1		U		UG/L	07/27/2005	SW8260B		F	DMG-154-05
GWM367012X	MIDDLE INL	USGS-004	BASELINE WELLS	Beryllium	0.13		U		UG/L	07/27/2005	SW6020		F	DNT-385-05
GWM36701AN	MIDDLE INL	USGS-004	BASELINE WELLS	Bromide	0.083		B		MG/L	07/27/2005	E300		F	DNT-386-05
GWM36701AV	MIDDLE INL	USGS-004	BASELINE WELLS	Bromodichloromethane	1		U		UG/L	07/27/2005	SW8260B		F	DMG-154-05
GWM36701AV	MIDDLE INL	USGS-004	BASELINE WELLS	Bromoform	2		U		UG/L	07/27/2005	SW8260B		F	DMG-154-05
GWM36701AV	MIDDLE INL	USGS-004	BASELINE WELLS	Bromomethane	1		U		UG/L	07/27/2005	SW8260B		F	DMG-154-05
GWM367012X	MIDDLE INL	USGS-004	BASELINE WELLS	Cadmium	0.067		U		UG/L	07/27/2005	SW6020		F	DNT-385-05
GWM367012X	MIDDLE INL	USGS-004	BASELINE WELLS	Calcium	67900				UG/L	07/27/2005	SW6010B		F	DNT-385-05
GWM36701AV	MIDDLE INL	USGS-004	BASELINE WELLS	Carbon disulfide	5		U		UG/L	07/27/2005	SW8260B		F	DMG-154-05
GWM36701AV	MIDDLE INL	USGS-004	BASELINE WELLS	Carbon tetrachloride	1		U		UG/L	07/27/2005	SW8260B		F	DMG-154-05
GWM36701RH	MIDDLE INL	USGS-004	BASELINE WELLS	Cerium-144	1.83E-01	1.48E+01		U	PCI/L	07/27/2005	GMS	4.70E+01	F	SOS-TL247-05
GWM36701RH	MIDDLE INL	USGS-004	BASELINE WELLS	Cesium-134	1.81E+00	2.51E+00		U	PCI/L	07/27/2005	GMS	1.00E+01	F	SOS-TL247-05
GWM36701RH	MIDDLE INL	USGS-004	BASELINE WELLS	Cesium-137	-1.20E+00	3.15E+00		U	PCI/L	07/27/2005	GMS	9.72E+00	F	SOS-TL247-05
GWM36701AN	MIDDLE INL	USGS-004	BASELINE WELLS	Chloride	29.1				MG/L	07/27/2005	E300		F	DNT-386-05
GWM36701AV	MIDDLE INL	USGS-004	BASELINE WELLS	Chlorobenzene	1		U		UG/L	07/27/2005	SW8260B		F	DMG-154-05
GWM36701AV	MIDDLE INL	USGS-004	BASELINE WELLS	Chloroethane	1		U		UG/L	07/27/2005	SW8260B		F	DMG-154-05
GWM36701AV	MIDDLE INL	USGS-004	BASELINE WELLS	Chloroform	1		U		UG/L	07/27/2005	SW8260B		F	DMG-154-05
GWM36701AV	MIDDLE INL	USGS-004	BASELINE WELLS	Chloromethane	5		U		UG/L	07/27/2005	SW8260B		F	DMG-154-05
GWM36701AV	MIDDLE INL	USGS-004	BASELINE WELLS	Chloroprene	5		U		UG/L	07/27/2005	SW8260B		F	DMG-154-05
GWM367012X	MIDDLE INL	USGS-004	BASELINE WELLS	Chromium	8.7				UG/L	07/27/2005	SW6020		F	DNT-385-05
GWM36701AV	MIDDLE INL	USGS-004	BASELINE WELLS	cis-1,2-Dichloroethene	1		U		UG/L	07/27/2005	SW8260B		F	DMG-154-05
GWM36701AV	MIDDLE INL	USGS-004	BASELINE WELLS	cis-1,3-Dichloropropene	1		U		UG/L	07/27/2005	SW8260B		F	DMG-154-05
GWM367012X	MIDDLE INL	USGS-004	BASELINE WELLS	Cobalt	2.8		U		UG/L	07/27/2005	SW6010B		F	DNT-385-05
GWM36701RH	MIDDLE INL	USGS-004	BASELINE WELLS	Cobalt-60	5.07E+00	2.67E+00		U	PCI/L	07/27/2005	GMS	1.19E+01	F	SOS-TL247-05
GWM367012X	MIDDLE INL	USGS-004	BASELINE WELLS	Copper	1.1		U		UG/L	07/27/2005	SW6010B		F	DNT-385-05
GWM36701AV	MIDDLE INL	USGS-004	BASELINE WELLS	Dibromochloromethane	1		U		UG/L	07/27/2005	SW8260B		F	DMG-154-05
GWM36701AV	MIDDLE INL	USGS-004	BASELINE WELLS	Dibromomethane	1		U		UG/L	07/27/2005	SW8260B		F	DMG-154-05
GWM36701AV	MIDDLE INL	USGS-004	BASELINE WELLS	Dichlorodifluoromethane	5		U		UG/L	07/27/2005	SW8260B		F	DMG-154-05
GWM36701AV	MIDDLE INL	USGS-004	BASELINE WELLS	Ethylbenzene	1		U		UG/L	07/27/2005	SW8260B		F	DMG-154-05
GWM36701RH	MIDDLE INL	USGS-004	BASELINE WELLS	Europium-152	4.66E-01	6.13E+00		U	PCI/L	07/27/2005	GMS	2.30E+01	F	SOS-TL247-05
GWM36701RH	MIDDLE INL	USGS-004	BASELINE WELLS	Europium-154	-6.91E-01	5.97E+00		U	PCI/L	07/27/2005	GMS	2.41E+01	F	SOS-TL247-05
GWM36701RH	MIDDLE INL	USGS-004	BASELINE WELLS	Europium-155	-2.39E+00	8.18E+00		U	PCI/L	07/27/2005	GMS	2.59E+01	F	SOS-TL247-05
GWM36701AN	MIDDLE INL	USGS-004	BASELINE WELLS	Fluoride	0.19				MG/L	07/27/2005	E300		F	DNT-386-05
GWM36701RH	MIDDLE INL	USGS-004	BASELINE WELLS	Gross Alpha	2.56E+00	7.74E-01			PCI/L	07/27/2005	GAB	2.45E+00	F	SOS-TL247-05
GWM36701RH	MIDDLE INL	USGS-004	BASELINE WELLS	Gross Beta	8.37E+00	1.02E+00			PCI/L	07/27/2005	GAB	3.25E+00	F	SOS-TL247-05
GWM36701UX	MIDDLE INL	USGS-004	BASELINE WELLS	Iodine-129	3.90E-03	2.29E-02		U	PCI/L	07/27/2005	GMS	8.32E-02	F	SOS-TL247-05
GWM367012X	MIDDLE INL	USGS-004	BASELINE WELLS	Iron	52.1		B	U	UG/L	07/27/2005	SW6010B		F	DNT-385-05
GWM36701AV	MIDDLE INL	USGS-004	BASELINE WELLS	Isobutyl alcohol	80		U	R	UG/L	07/27/2005	SW8260B		F	DMG-154-05
GWM367012X	MIDDLE INL	USGS-004	BASELINE WELLS	Lead	1.1		U		UG/L	07/27/2005	SW6010B		F	DNT-385-05
GWM367012X	MIDDLE INL	USGS-004	BASELINE WELLS	Lithium	32.4		B	U	UG/L	07/27/2005	SW6010B		F	DNT-385-05
GWM367012X	MIDDLE INL	USGS-004	BASELINE WELLS	Magnesium	23700				UG/L	07/27/2005	SW6010B		F	DNT-385-05

Table A-1. (continued).

Field Sample Number	Area	Location	Grid	Compound	Sample Result	Sample Error	Result Qualifier	Validation Flag	Sample Units	Date Sample Collected	Method Code	MDA	Filtered Metal Sample	L&V Report Number
GWM367012X	MIDDLE INL	USGS-004	BASELINE WELLS	Manganese	0.54		U		UG/L	07/27/2005	SW6020		F	DNT-385-05
GWM36701RH	MIDDLE INL	USGS-004	BASELINE WELLS	Manganese-54	-3.28E+00	2.53E+00		U	PCI/L	07/27/2005	GMS	8.23E+00	F	SOS-TL247-05
GWM367012X	MIDDLE INL	USGS-004	BASELINE WELLS	Mercury	0.1		U		UG/L	07/27/2005	SW7470A		F	DNT-385-05
GWM36701AV	MIDDLE INL	USGS-004	BASELINE WELLS	Methacrylonitrile	5		U		UG/L	07/27/2005	SW8260B		F	DMG-154-05
GWM36701AV	MIDDLE INL	USGS-004	BASELINE WELLS	Methyl iodide	2		U		UG/L	07/27/2005	SW8260B		F	DMG-154-05
GWM36701AV	MIDDLE INL	USGS-004	BASELINE WELLS	Methyl isobutyl ketone	5		U		UG/L	07/27/2005	SW8260B		F	DMG-154-05
GWM36701AV	MIDDLE INL	USGS-004	BASELINE WELLS	Methylene Chloride	1		U		UG/L	07/27/2005	SW8260B		F	DMG-154-05
GWM36701AV	MIDDLE INL	USGS-004	BASELINE WELLS	Methylmethacrylate	1		U		UG/L	07/27/2005	SW8260B		F	DMG-154-05
GWM367012X	MIDDLE INL	USGS-004	BASELINE WELLS	Molybdenum	3.7		U		UG/L	07/27/2005	SW6010B		F	DNT-385-05
GWM367012X	MIDDLE INL	USGS-004	BASELINE WELLS	Nickel	3.2		U		UG/L	07/27/2005	SW6010B		F	DNT-385-05
GWM36701RH	MIDDLE INL	USGS-004	BASELINE WELLS	Niobium-94	3.25E+00	2.03E+00		U	PCI/L	07/27/2005	GMS	8.52E+00	F	SOS-TL247-05
GWM36701RH	MIDDLE INL	USGS-004	BASELINE WELLS	Niobium-95	6.90E+00	3.28E+00		UJ	PCI/L	07/27/2005	GMS	1.41E+01	F	SOS-TL247-05
GWM36701N2	MIDDLE INL	USGS-004	BASELINE WELLS	Nitrate/Nitrite as N	4.8				MG/L	07/27/2005	E353.1		F	DNT-386-05
GWM367012X	MIDDLE INL	USGS-004	BASELINE WELLS	Potassium	6960			U	UG/L	07/27/2005	SW6010B		F	DNT-385-05
GWM36701AV	MIDDLE INL	USGS-004	BASELINE WELLS	Propionitrile	5		U	R	UG/L	07/27/2005	SW8260B		F	DMG-154-05
GWM36701RH	MIDDLE INL	USGS-004	BASELINE WELLS	Ruthenium-106	9.99E+00	2.16E+01		U	PCI/L	07/27/2005	GMS	8.28E+01	F	SOS-TL247-05
GWM367012X	MIDDLE INL	USGS-004	BASELINE WELLS	Selenium	3.7		B	U	UG/L	07/27/2005	SW6010B		F	DNT-385-05
GWM367012X	MIDDLE INL	USGS-004	BASELINE WELLS	Silicon	13600				UG/L	07/27/2005	SW6010B		F	DNT-385-05
GWM367012X	MIDDLE INL	USGS-004	BASELINE WELLS	Silver	1.5		U		UG/L	07/27/2005	SW6020		F	DNT-385-05
GWM36701RH	MIDDLE INL	USGS-004	BASELINE WELLS	Silver-108m	-1.08E+00	1.92E+00		U	PCI/L	07/27/2005	GMS	6.95E+00	F	SOS-TL247-05
GWM36701RH	MIDDLE INL	USGS-004	BASELINE WELLS	Silver-110m	-1.08E+00	2.43E+00		U	PCI/L	07/27/2005	GMS	8.69E+00	F	SOS-TL247-05
GWM367012X	MIDDLE INL	USGS-004	BASELINE WELLS	Sodium	47900				UG/L	07/27/2005	SW6010B		F	DNT-385-05
GWM367012X	MIDDLE INL	USGS-004	BASELINE WELLS	Strontium	319				UG/L	07/27/2005	SW6010B		F	DNT-385-05
GWM36701RH	MIDDLE INL	USGS-004	BASELINE WELLS	Strontium-90	1.71E-01	1.31E-01		U	PCI/L	07/27/2005	SRR	5.54E-01	F	SOS-TL247-05
GWM36701AV	MIDDLE INL	USGS-004	BASELINE WELLS	Styrene	1		U		UG/L	07/27/2005	SW8260B		F	DMG-154-05
GWM36701AN	MIDDLE INL	USGS-004	BASELINE WELLS	Sulfate	25.6				MG/L	07/27/2005	E300		F	DNT-386-05
GWM36701RH	MIDDLE INL	USGS-004	BASELINE WELLS	Technetium-99	-2.00E+00	1.91E+00		U	PCI/L	07/27/2005	LSC	6.53E+00	F	SOS-TL247-05
GWM36701AV	MIDDLE INL	USGS-004	BASELINE WELLS	Tetrachloroethene	1		U		UG/L	07/27/2005	SW8260B		F	DMG-154-05
GWM367012X	MIDDLE INL	USGS-004	BASELINE WELLS	Thallium	0.35		B	U	UG/L	07/27/2005	SW6020		F	DNT-385-05
GWM367012X	MIDDLE INL	USGS-004	BASELINE WELLS	Tin	3.9		U		UG/L	07/27/2005	SW6010B		F	DNT-385-05
GWM36701AV	MIDDLE INL	USGS-004	BASELINE WELLS	Toluene	1		U		UG/L	07/27/2005	SW8260B		F	DMG-154-05
GWM36701A1	MIDDLE INL	USGS-004	BASELINE WELLS	Total Alkalinity	269			J	MG/L	07/27/2005	E310.1		F	DNT-386-05
GWM36701AV	MIDDLE INL	USGS-004	BASELINE WELLS	trans-1,2-Dichloroethene	1		U		UG/L	07/27/2005	SW8260B		F	DMG-154-05
GWM36701AV	MIDDLE INL	USGS-004	BASELINE WELLS	trans-1,3-Dichloropropene	1		U		UG/L	07/27/2005	SW8260B		F	DMG-154-05
GWM36701AV	MIDDLE INL	USGS-004	BASELINE WELLS	trans-1,4-Dichloro-2-butene	5		U		UG/L	07/27/2005	SW8260B		F	DMG-154-05
GWM36701AV	MIDDLE INL	USGS-004	BASELINE WELLS	Trichloroethene	1		U		UG/L	07/27/2005	SW8260B		F	DMG-154-05
GWM36701AV	MIDDLE INL	USGS-004	BASELINE WELLS	Trichlorofluoromethane	1		U		UG/L	07/27/2005	SW8260B		F	DMG-154-05
GWM36701R8	MIDDLE INL	USGS-004	BASELINE WELLS	Tritium	2.59E+01	1.20E+02		U	PCI/L	07/27/2005	LSC	4.04E+02	F	SOS-TL247-05
GWM367012X	MIDDLE INL	USGS-004	BASELINE WELLS	Uranium	4		B		UG/L	07/27/2005	SW6020		F	DNT-385-05
GWM36701RH	MIDDLE INL	USGS-004	BASELINE WELLS	Uranium-233/234	1.77E+00	2.89E-01			PCI/L	07/27/2005	ALS	2.37E-01	F	SOS-TL247-05
GWM36701RH	MIDDLE INL	USGS-004	BASELINE WELLS	Uranium-235	2.71E-01	1.17E-01		J	PCI/L	07/27/2005	ALS	2.48E-01	F	SOS-TL247-05
GWM36701RH	MIDDLE INL	USGS-004	BASELINE WELLS	Uranium-238	1.44E+00	2.55E-01			PCI/L	07/27/2005	ALS	2.01E-01	F	SOS-TL247-05
GWM367012X	MIDDLE INL	USGS-004	BASELINE WELLS	Vanadium	4.8		B		UG/L	07/27/2005	SW6010B		F	DNT-385-05
GWM36701AV	MIDDLE INL	USGS-004	BASELINE WELLS	Vinyl Acetate	2		U		UG/L	07/27/2005	SW8260B		F	DMG-154-05
GWM36701AV	MIDDLE INL	USGS-004	BASELINE WELLS	Vinyl Chloride	1		U		UG/L	07/27/2005	SW8260B		F	DMG-154-05
GWM36701AV	MIDDLE INL	USGS-004	BASELINE WELLS	Xylene (Total)	3		U		UG/L	07/27/2005	SW8260B		F	DMG-154-05
GWM367012X	MIDDLE INL	USGS-004	BASELINE WELLS	Zinc	4.4		B	U	UG/L	07/27/2005	SW6010B		F	DNT-385-05
GWM36701RH	MIDDLE INL	USGS-004	BASELINE WELLS	Zinc-65	2.93E+00	5.54E+00		U	PCI/L	07/27/2005	GMS	2.25E+01	F	SOS-TL247-05
GWM36801AV	OFFSITE	USGS-008	BASELINE WELLS	1,1,1,2-Tetrachloroethane	1		U		UG/L	07/13/2005	SW8260B		F	JGJ-056-05
GWM36801AV	OFFSITE	USGS-008	BASELINE WELLS	1,1,1-Trichloroethane	1		U		UG/L	07/13/2005	SW8260B		F	JGJ-056-05
GWM36801AV	OFFSITE	USGS-008	BASELINE WELLS	1,1,2,2-Tetrachloroethane	1		U		UG/L	07/13/2005	SW8260B		F	JGJ-056-05
GWM36801AV	OFFSITE	USGS-008	BASELINE WELLS	1,1,2-Trichloroethane	1		U		UG/L	07/13/2005	SW8260B		F	JGJ-056-05
GWM36801AV	OFFSITE	USGS-008	BASELINE WELLS	1,1-Dichloroethane	1		U		UG/L	07/13/2005	SW8260B		F	JGJ-056-05
GWM36801AV	OFFSITE	USGS-008	BASELINE WELLS	1,1-Dichloroethene	1		U		UG/L	07/13/2005	SW8260B		F	JGJ-056-05
GWM36801AV	OFFSITE	USGS-008	BASELINE WELLS	1,2,3-Trichloropropane	1		U		UG/L	07/13/2005	SW8260B		F	JGJ-056-05
GWM36801AV	OFFSITE	USGS-008	BASELINE WELLS	1,2-Dibromo-3-chloropropane	5		U	R	UG/L	07/13/2005	SW8260B		F	JGJ-056-05
GWM36801AV	OFFSITE	USGS-008	BASELINE WELLS	1,2-Dibromoethane	1		U		UG/L	07/13/2005	SW8260B		F	JGJ-056-05

Table A-1. (continued).

Field Sample Number	Area	Location	Grid	Compound	Sample Result	Sample Error	Result Qualifier	Validation Flag	Sample Units	Date Sample Collected	Method Code	MDA	Filtered Metal Sample	L&V Report Number
GWM36801AV	OFFSITE	USGS-008	BASELINE WELLS	1,2-Dichloroethane	1		U		UG/L	07/13/2005	SW8260B		F	JGJ-056-05
GWM36801AV	OFFSITE	USGS-008	BASELINE WELLS	1,2-Dichloropropane	1		U		UG/L	07/13/2005	SW8260B		F	JGJ-056-05
GWM36801AV	OFFSITE	USGS-008	BASELINE WELLS	1,4-Dioxane	80		U	R	UG/L	07/13/2005	SW8260B		F	JGJ-056-05
GWM36801AV	OFFSITE	USGS-008	BASELINE WELLS	2-Butanone	10		U	R	UG/L	07/13/2005	SW8260B		F	JGJ-056-05
GWM36801AV	OFFSITE	USGS-008	BASELINE WELLS	2-Hexanone	5		U		UG/L	07/13/2005	SW8260B		F	JGJ-056-05
GWM36801AV	OFFSITE	USGS-008	BASELINE WELLS	Acetone	10		U	R	UG/L	07/13/2005	SW8260B		F	JGJ-056-05
GWM36801AV	OFFSITE	USGS-008	BASELINE WELLS	Acetonitrile	20		U		UG/L	07/13/2005	SW8260B		F	JGJ-056-05
GWM36801AV	OFFSITE	USGS-008	BASELINE WELLS	Acrolein	5		U	R	UG/L	07/13/2005	SW8260B		F	JGJ-056-05
GWM36801AV	OFFSITE	USGS-008	BASELINE WELLS	Acrylonitrile	1		U	R	UG/L	07/13/2005	SW8260B		F	JGJ-056-05
GWM36801AV	OFFSITE	USGS-008	BASELINE WELLS	Allyl chloride	5		U		UG/L	07/13/2005	SW8260B		F	JGJ-056-05
GWM368012X	OFFSITE	USGS-008	BASELINE WELLS	Aluminum	22.1		U		UG/L	07/13/2005	SW6010B		F	DNT-371-05
GWM36801RH	OFFSITE	USGS-008	BASELINE WELLS	Americium-241	5.23E+00	7.14E+00		U	PCI/L	07/13/2005	GMS	2.44E+01	F	SOS-TL233-05
GWM368012X	OFFSITE	USGS-008	BASELINE WELLS	Antimony	0.61		U		UG/L	07/13/2005	SW6020		F	DNT-371-05
GWM36801RH	OFFSITE	USGS-008	BASELINE WELLS	Antimony-125	1.98E-01	3.08E+00		U	PCI/L	07/13/2005	GMS	1.06E+01	F	SOS-TL233-05
GWM368012X	OFFSITE	USGS-008	BASELINE WELLS	Arsenic	1.8		U		UG/L	07/13/2005	SW6020		F	DNT-371-05
GWM368012X	OFFSITE	USGS-008	BASELINE WELLS	Barium	83.7		B		UG/L	07/13/2005	SW6010B		F	DNT-371-05
GWM36801AV	OFFSITE	USGS-008	BASELINE WELLS	Benzene	1		U		UG/L	07/13/2005	SW8260B		F	JGJ-056-05
GWM368012X	OFFSITE	USGS-008	BASELINE WELLS	Beryllium	0.13		U		UG/L	07/13/2005	SW6020		F	DNT-371-05
GWM36801AN	OFFSITE	USGS-008	BASELINE WELLS	Bromide	0.25		U		MG/L	07/13/2005	E300		F	DNT-369-05
GWM36801AV	OFFSITE	USGS-008	BASELINE WELLS	Bromodichloromethane	1		U		UG/L	07/13/2005	SW8260B		F	JGJ-056-05
GWM36801AV	OFFSITE	USGS-008	BASELINE WELLS	Bromoform	2		U		UG/L	07/13/2005	SW8260B		F	JGJ-056-05
GWM36801AV	OFFSITE	USGS-008	BASELINE WELLS	Bromomethane	1		U		UG/L	07/13/2005	SW8260B		F	JGJ-056-05
GWM368012X	OFFSITE	USGS-008	BASELINE WELLS	Cadmium	0.067		U		UG/L	07/13/2005	SW6020		F	DNT-371-05
GWM368012X	OFFSITE	USGS-008	BASELINE WELLS	Calcium	48600				UG/L	07/13/2005	SW6010B		F	DNT-371-05
GWM36801AV	OFFSITE	USGS-008	BASELINE WELLS	Carbon disulfide	5		U		UG/L	07/13/2005	SW8260B		F	JGJ-056-05
GWM36801AV	OFFSITE	USGS-008	BASELINE WELLS	Carbon tetrachloride	1		U		UG/L	07/13/2005	SW8260B		F	JGJ-056-05
GWM36801RH	OFFSITE	USGS-008	BASELINE WELLS	Cerium-144	5.44E+00	7.48E+00		U	PCI/L	07/13/2005	GMS	2.67E+01	F	SOS-TL233-05
GWM36801RH	OFFSITE	USGS-008	BASELINE WELLS	Cesium-134	3.94E-01	1.22E+00		U	PCI/L	07/13/2005	GMS	3.89E+00	F	SOS-TL233-05
GWM36801RH	OFFSITE	USGS-008	BASELINE WELLS	Cesium-137	-8.64E-01	1.05E+00		U	PCI/L	07/13/2005	GMS	3.64E+00	F	SOS-TL233-05
GWM36801AN	OFFSITE	USGS-008	BASELINE WELLS	Chloride	7.5				MG/L	07/13/2005	E300		F	DNT-369-05
GWM36801AV	OFFSITE	USGS-008	BASELINE WELLS	Chlorobenzene	1		U		UG/L	07/13/2005	SW8260B		F	JGJ-056-05
GWM36801AV	OFFSITE	USGS-008	BASELINE WELLS	Chloroethane	1		U		UG/L	07/13/2005	SW8260B		F	JGJ-056-05
GWM36801AV	OFFSITE	USGS-008	BASELINE WELLS	Chloroform	1		U		UG/L	07/13/2005	SW8260B		F	JGJ-056-05
GWM36801AV	OFFSITE	USGS-008	BASELINE WELLS	Chloromethane	5		U		UG/L	07/13/2005	SW8260B		F	JGJ-056-05
GWM36801AV	OFFSITE	USGS-008	BASELINE WELLS	Chloroprene	5		U		UG/L	07/13/2005	SW8260B		F	JGJ-056-05
GWM368012X	OFFSITE	USGS-008	BASELINE WELLS	Chromium	3.7		U		UG/L	07/13/2005	SW6020		F	DNT-371-05
GWM36801AV	OFFSITE	USGS-008	BASELINE WELLS	cis-1,2-Dichloroethene	1		U		UG/L	07/13/2005	SW8260B		F	JGJ-056-05
GWM36801AV	OFFSITE	USGS-008	BASELINE WELLS	cis-1,3-Dichloropropene	1		U		UG/L	07/13/2005	SW8260B		F	JGJ-056-05
GWM368012X	OFFSITE	USGS-008	BASELINE WELLS	Cobalt	2.8		U		UG/L	07/13/2005	SW6010B		F	DNT-371-05
GWM36801RH	OFFSITE	USGS-008	BASELINE WELLS	Cobalt-60	-6.77E-01	9.73E-01		U	PCI/L	07/13/2005	GMS	3.47E+00	F	SOS-TL233-05
GWM368012X	OFFSITE	USGS-008	BASELINE WELLS	Copper	1.6		B		UG/L	07/13/2005	SW6010B		F	DNT-371-05
GWM36801AV	OFFSITE	USGS-008	BASELINE WELLS	Dibromochloromethane	1		U		UG/L	07/13/2005	SW8260B		F	JGJ-056-05
GWM36801AV	OFFSITE	USGS-008	BASELINE WELLS	Dibromomethane	1		U		UG/L	07/13/2005	SW8260B		F	JGJ-056-05
GWM36801AV	OFFSITE	USGS-008	BASELINE WELLS	Dichlorodifluoromethane	5		U		UG/L	07/13/2005	SW8260B		F	JGJ-056-05
GWM36801AV	OFFSITE	USGS-008	BASELINE WELLS	Ethylbenzene	1		U		UG/L	07/13/2005	SW8260B		F	JGJ-056-05
GWM36801RH	OFFSITE	USGS-008	BASELINE WELLS	Europium-152	1.35E+00	3.21E+00		U	PCI/L	07/13/2005	GMS	1.12E+01	F	SOS-TL233-05
GWM36801RH	OFFSITE	USGS-008	BASELINE WELLS	Europium-154	1.94E+00	2.60E+00		U	PCI/L	07/13/2005	GMS	1.03E+01	F	SOS-TL233-05
GWM36801RH	OFFSITE	USGS-008	BASELINE WELLS	Europium-155	4.04E-01	4.36E+00		U	PCI/L	07/13/2005	GMS	1.44E+01	F	SOS-TL233-05
GWM36801AN	OFFSITE	USGS-008	BASELINE WELLS	Fluoride	0.14				MG/L	07/13/2005	E300		F	DNT-369-05
GWM36801RH	OFFSITE	USGS-008	BASELINE WELLS	Gross Alpha	2.29E+00	7.29E-01		UJ	PCI/L	07/13/2005	GAB	2.17E+00	F	SOS-TL233-05
GWM36801RH	OFFSITE	USGS-008	BASELINE WELLS	Gross Beta	3.07E+00	7.99E-01			PCI/L	07/13/2005	GAB	2.89E+00	F	SOS-TL233-05
GWM36801UX	OFFSITE	USGS-008	BASELINE WELLS	Iodine-129	1.95E-02	3.35E-02		U	PCI/L	07/13/2005	GMS	9.86E-02	F	SOS-TL238-05
GWM368012X	OFFSITE	USGS-008	BASELINE WELLS	Iron	29.9		B	U	UG/L	07/13/2005	SW6010B		F	DNT-371-05
GWM36801AV	OFFSITE	USGS-008	BASELINE WELLS	Isobutyl alcohol	80		U	R	UG/L	07/13/2005	SW8260B		F	JGJ-056-05
GWM368012X	OFFSITE	USGS-008	BASELINE WELLS	Lead	1.1		U		UG/L	07/13/2005	SW6010B		F	DNT-371-05
GWM368012X	OFFSITE	USGS-008	BASELINE WELLS	Lithium	3.8		B	U	UG/L	07/13/2005	SW6010B		F	DNT-371-05
GWM368012X	OFFSITE	USGS-008	BASELINE WELLS	Magnesium	16100				UG/L	07/13/2005	SW6010B		F	DNT-371-05

Table A-1. (continued).

Field Sample Number	Area	Location	Grid	Compound	Sample Result	Sample Error	Result Qualifier	Validation Flag	Sample Units	Date Sample Collected	Method Code	MDA	Filtered Metal Sample	L&V Report Number
GWM368012X	OFFSITE	USGS-008	BASELINE WELLS	Manganese	0.67		B		UG/L	07/13/2005	SW6020		F	DNT-371-05
GWM36801RH	OFFSITE	USGS-008	BASELINE WELLS	Manganese-54	-1.06E+00	9.99E-01		U	PCI/L	07/13/2005	GMS	3.36E+00	F	SOS-TL233-05
GWM368012X	OFFSITE	USGS-008	BASELINE WELLS	Mercury	0.1		U		UG/L	07/13/2005	SW7470A		F	DNT-371-05
GWM36801AV	OFFSITE	USGS-008	BASELINE WELLS	Methacrylonitrile	5		U		UG/L	07/13/2005	SW8260B		F	JGJ-056-05
GWM36801AV	OFFSITE	USGS-008	BASELINE WELLS	Methyl iodide	2		U		UG/L	07/13/2005	SW8260B		F	JGJ-056-05
GWM36801AV	OFFSITE	USGS-008	BASELINE WELLS	Methyl isobutyl ketone	5		U		UG/L	07/13/2005	SW8260B		F	JGJ-056-05
GWM36801AV	OFFSITE	USGS-008	BASELINE WELLS	Methylene Chloride	1		U		UG/L	07/13/2005	SW8260B		F	JGJ-056-05
GWM36801AV	OFFSITE	USGS-008	BASELINE WELLS	Methylmethacrylate	1		U		UG/L	07/13/2005	SW8260B		F	JGJ-056-05
GWM368012X	OFFSITE	USGS-008	BASELINE WELLS	Molybdenum	3.7		U		UG/L	07/13/2005	SW6010B		F	DNT-371-05
GWM368012X	OFFSITE	USGS-008	BASELINE WELLS	Nickel	3.2		U		UG/L	07/13/2005	SW6010B		F	DNT-371-05
GWM36801RH	OFFSITE	USGS-008	BASELINE WELLS	Niobium-94	-5.57E-01	1.01E+00		U	PCI/L	07/13/2005	GMS	3.52E+00	F	SOS-TL233-05
GWM36801RH	OFFSITE	USGS-008	BASELINE WELLS	Niobium-95	1.70E+00	1.28E+00		U	PCI/L	07/13/2005	GMS	4.83E+00	F	SOS-TL233-05
GWM36801N2	OFFSITE	USGS-008	BASELINE WELLS	Nitrate/Nitrite as N	1.2				MG/L	07/13/2005	E353.1		F	DNT-369-05
GWM368012X	OFFSITE	USGS-008	BASELINE WELLS	Potassium	1540		B	J	UG/L	07/13/2005	SW6010B		F	DNT-371-05
GWM36801AV	OFFSITE	USGS-008	BASELINE WELLS	Propionitrile	5		U	R	UG/L	07/13/2005	SW8260B		F	JGJ-056-05
GWM36801RH	OFFSITE	USGS-008	BASELINE WELLS	Ruthenium-106	-8.30E+00	8.92E+00		U	PCI/L	07/13/2005	GMS	3.07E+01	F	SOS-TL233-05
GWM368012X	OFFSITE	USGS-008	BASELINE WELLS	Selenium	2		U	UJ	UG/L	07/13/2005	SW6010B		F	DNT-371-05
GWM368012X	OFFSITE	USGS-008	BASELINE WELLS	Silicon	9970		N		UG/L	07/13/2005	SW6010B		F	DNT-371-05
GWM368012X	OFFSITE	USGS-008	BASELINE WELLS	Silver	1.5		U		UG/L	07/13/2005	SW6020		F	DNT-371-05
GWM36801RH	OFFSITE	USGS-008	BASELINE WELLS	Silver-108m	6.27E-01	1.04E+00		U	PCI/L	07/13/2005	GMS	3.65E+00	F	SOS-TL233-05
GWM36801RH	OFFSITE	USGS-008	BASELINE WELLS	Silver-110m	1.66E+00	9.45E-01		U	PCI/L	07/13/2005	GMS	3.67E+00	F	SOS-TL233-05
GWM368012X	OFFSITE	USGS-008	BASELINE WELLS	Sodium	7080				UG/L	07/13/2005	SW6010B		F	DNT-371-05
GWM368012X	OFFSITE	USGS-008	BASELINE WELLS	Strontium	269				UG/L	07/13/2005	SW6010B		F	DNT-371-05
GWM36801RH	OFFSITE	USGS-008	BASELINE WELLS	Strontium-90	-1.68E-01	9.80E-02		U	PCI/L	07/13/2005	GFP	5.79E-01	F	SOS-TL233-05
GWM36801AV	OFFSITE	USGS-008	BASELINE WELLS	Styrene	1		U		UG/L	07/13/2005	SW8260B		F	JGJ-056-05
GWM36801AN	OFFSITE	USGS-008	BASELINE WELLS	Sulfate	20.5				MG/L	07/13/2005	E300		F	DNT-369-05
GWM36801RH	OFFSITE	USGS-008	BASELINE WELLS	Technetium-99	4.61E+00	2.19E+00		UJ	PCI/L	07/13/2005	LSC	7.16E+00	F	SOS-TL233-05
GWM36801AV	OFFSITE	USGS-008	BASELINE WELLS	Tetrachloroethene	1		U		UG/L	07/13/2005	SW8260B		F	JGJ-056-05
GWM368012X	OFFSITE	USGS-008	BASELINE WELLS	Thallium	0.39		B	U	UG/L	07/13/2005	SW6020		F	DNT-371-05
GWM368012X	OFFSITE	USGS-008	BASELINE WELLS	Tin	3.9		U		UG/L	07/13/2005	SW6010B		F	DNT-371-05
GWM36801AV	OFFSITE	USGS-008	BASELINE WELLS	Toluene	1		U		UG/L	07/13/2005	SW8260B		F	JGJ-056-05
GWM36801A1	OFFSITE	USGS-008	BASELINE WELLS	Total Alkalinity	150				MG/L	07/13/2005	E310.1		F	DNT-369-05
GWM36801AV	OFFSITE	USGS-008	BASELINE WELLS	trans-1,2-Dichloroethene	1		U		UG/L	07/13/2005	SW8260B		F	JGJ-056-05
GWM36801AV	OFFSITE	USGS-008	BASELINE WELLS	trans-1,3-Dichloropropene	1		U		UG/L	07/13/2005	SW8260B		F	JGJ-056-05
GWM36801AV	OFFSITE	USGS-008	BASELINE WELLS	trans-1,4-Dichloro-2-butene	5		U		UG/L	07/13/2005	SW8260B		F	JGJ-056-05
GWM36801AV	OFFSITE	USGS-008	BASELINE WELLS	Trichloroethene	1		U		UG/L	07/13/2005	SW8260B		F	JGJ-056-05
GWM36801AV	OFFSITE	USGS-008	BASELINE WELLS	Trichlorofluoromethane	1		U		UG/L	07/13/2005	SW8260B		F	JGJ-056-05
GWM36801R8	OFFSITE	USGS-008	BASELINE WELLS	Tritium	0.00E+00	1.07E+02		U	PCI/L	07/13/2005	LSC	3.68E+02	F	SOS-TL233-05
GWM368012X	OFFSITE	USGS-008	BASELINE WELLS	Uranium	2		B		UG/L	07/13/2005	SW6020		F	DNT-371-05
GWM36801RH	OFFSITE	USGS-008	BASELINE WELLS	Uranium-233/234	1.49E+00	2.17E-01			PCI/L	07/13/2005	ALS	2.56E-01	F	SOS-TL233-05
GWM36801RH	OFFSITE	USGS-008	BASELINE WELLS	Uranium-235	4.96E-02	4.39E-02		U	PCI/L	07/13/2005	ALS	1.84E-01	F	SOS-TL233-05
GWM36801RH	OFFSITE	USGS-008	BASELINE WELLS	Uranium-238	9.10E-01	1.61E-01			PCI/L	07/13/2005	ALS	1.51E-01	F	SOS-TL233-05
GWM368012X	OFFSITE	USGS-008	BASELINE WELLS	Vanadium	2.9		B		UG/L	07/13/2005	SW6010B		F	DNT-371-05
GWM36801AV	OFFSITE	USGS-008	BASELINE WELLS	Vinyl Acetate	2		U		UG/L	07/13/2005	SW8260B		F	JGJ-056-05
GWM36801AV	OFFSITE	USGS-008	BASELINE WELLS	Vinyl Chloride	1		U		UG/L	07/13/2005	SW8260B		F	JGJ-056-05
GWM36801AV	OFFSITE	USGS-008	BASELINE WELLS	Xylene (Total)	3		U		UG/L	07/13/2005	SW8260B		F	JGJ-056-05
GWM368012X	OFFSITE	USGS-008	BASELINE WELLS	Zinc	17.6		B		UG/L	07/13/2005	SW6010B		F	DNT-371-05
GWM36801RH	OFFSITE	USGS-008	BASELINE WELLS	Zinc-65	-1.49E+00	2.39E+00		U	PCI/L	07/13/2005	GMS	7.27E+00	F	SOS-TL233-05
GWM35401AV	SOUTH INL	USGS-009	INLBOUNDARY	1,1,1,2-Tetrachloroethane	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35402AV	SOUTH INL	USGS-009	INLBOUNDARY	1,1,1,2-Tetrachloroethane	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35401AV	SOUTH INL	USGS-009	INLBOUNDARY	1,1,1-Trichloroethane	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35402AV	SOUTH INL	USGS-009	INLBOUNDARY	1,1,1-Trichloroethane	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35401AV	SOUTH INL	USGS-009	INLBOUNDARY	1,1,2,2-Tetrachloroethane	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35402AV	SOUTH INL	USGS-009	INLBOUNDARY	1,1,2,2-Tetrachloroethane	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35401AV	SOUTH INL	USGS-009	INLBOUNDARY	1,1,2-Trichloroethane	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35402AV	SOUTH INL	USGS-009	INLBOUNDARY	1,1,2-Trichloroethane	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35401AV	SOUTH INL	USGS-009	INLBOUNDARY	1,1-Dichloroethane	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05

Table A-1. (continued).

Field Sample Number	Area	Location	Grid	Compound	Sample Result	Sample Error	Result Qualifier	Validation Flag	Sample Units	Date Sample Collected	Method Code	MDA	Filtered Metal Sample	L&V Report Number
GWM35402AV	SOUTH INL	USGS-009	INLBOUNDARY	1,1-Dichloroethane	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35401AV	SOUTH INL	USGS-009	INLBOUNDARY	1,1-Dichloroethene	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35402AV	SOUTH INL	USGS-009	INLBOUNDARY	1,1-Dichloroethene	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35401AV	SOUTH INL	USGS-009	INLBOUNDARY	1,2,3-Trichloropropane	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35402AV	SOUTH INL	USGS-009	INLBOUNDARY	1,2,3-Trichloropropane	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35401AV	SOUTH INL	USGS-009	INLBOUNDARY	1,2-Dibromo-3-chloropropane	5		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35402AV	SOUTH INL	USGS-009	INLBOUNDARY	1,2-Dibromo-3-chloropropane	5		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35401AV	SOUTH INL	USGS-009	INLBOUNDARY	1,2-Dibromoethane	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35402AV	SOUTH INL	USGS-009	INLBOUNDARY	1,2-Dibromoethane	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35401AV	SOUTH INL	USGS-009	INLBOUNDARY	1,2-Dichloroethane	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35402AV	SOUTH INL	USGS-009	INLBOUNDARY	1,2-Dichloroethane	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35401AV	SOUTH INL	USGS-009	INLBOUNDARY	1,2-Dichloropropane	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35402AV	SOUTH INL	USGS-009	INLBOUNDARY	1,2-Dichloropropane	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35401AV	SOUTH INL	USGS-009	INLBOUNDARY	1,4-Dioxane	80		U	R	UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35402AV	SOUTH INL	USGS-009	INLBOUNDARY	1,4-Dioxane	80		U	R	UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35401AV	SOUTH INL	USGS-009	INLBOUNDARY	2-Butanone	10		U	R	UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35402AV	SOUTH INL	USGS-009	INLBOUNDARY	2-Butanone	10		U	R	UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35401AV	SOUTH INL	USGS-009	INLBOUNDARY	2-Hexanone	5		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35402AV	SOUTH INL	USGS-009	INLBOUNDARY	2-Hexanone	5		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35401AV	SOUTH INL	USGS-009	INLBOUNDARY	Acetone	10		U	R	UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35402AV	SOUTH INL	USGS-009	INLBOUNDARY	Acetone	10		U	R	UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35401AV	SOUTH INL	USGS-009	INLBOUNDARY	Acetonitrile	20		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35402AV	SOUTH INL	USGS-009	INLBOUNDARY	Acetonitrile	20		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35401AV	SOUTH INL	USGS-009	INLBOUNDARY	Acrolein	5		U	R	UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35402AV	SOUTH INL	USGS-009	INLBOUNDARY	Acrolein	5		U	R	UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35401AV	SOUTH INL	USGS-009	INLBOUNDARY	Acrylonitrile	1		U	R	UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35402AV	SOUTH INL	USGS-009	INLBOUNDARY	Acrylonitrile	1		U	R	UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35401AV	SOUTH INL	USGS-009	INLBOUNDARY	Allyl chloride	5		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35402AV	SOUTH INL	USGS-009	INLBOUNDARY	Allyl chloride	5		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM354012X	SOUTH INL	USGS-009	INLBOUNDARY	Aluminum	22.1		U		UG/L	06/28/2005	SW6010B		T	DNT-353-05
GWM354022X	SOUTH INL	USGS-009	INLBOUNDARY	Aluminum	22.1		U		UG/L	06/28/2005	SW6010B		T	DNT-353-05
GWM35401RH	SOUTH INL	USGS-009	INLBOUNDARY	Americium-241	6.09E+00	5.84E+00		U	PCI/L	06/28/2005	GMS	2.07E+01	F	SOS-TL226-05
GWM35402RH	SOUTH INL	USGS-009	INLBOUNDARY	Americium-241	4.26E+00	5.41E+00		U	PCI/L	06/28/2005	GMS	1.91E+01	F	SOS-TL226-05
GWM354012X	SOUTH INL	USGS-009	INLBOUNDARY	Antimony	1.1		B		UG/L	06/28/2005	SW6020		T	DNT-353-05
GWM354022X	SOUTH INL	USGS-009	INLBOUNDARY	Antimony	0.61		U		UG/L	06/28/2005	SW6020		T	DNT-353-05
GWM35401RH	SOUTH INL	USGS-009	INLBOUNDARY	Antimony-125	6.28E-02	2.86E+00		U	PCI/L	06/28/2005	GMS	1.02E+01	F	SOS-TL226-05
GWM35402RH	SOUTH INL	USGS-009	INLBOUNDARY	Antimony-125	3.19E+00	2.59E+00		U	PCI/L	06/28/2005	GMS	9.58E+00	F	SOS-TL226-05
GWM354012X	SOUTH INL	USGS-009	INLBOUNDARY	Arsenic	1.8		U		UG/L	06/28/2005	SW6020		T	DNT-353-05
GWM354022X	SOUTH INL	USGS-009	INLBOUNDARY	Arsenic	1.8		U		UG/L	06/28/2005	SW6020		T	DNT-353-05
GWM354012X	SOUTH INL	USGS-009	INLBOUNDARY	Barium	38.2		B		UG/L	06/28/2005	SW6010B		T	DNT-353-05
GWM354022X	SOUTH INL	USGS-009	INLBOUNDARY	Barium	39.9		B		UG/L	06/28/2005	SW6010B		T	DNT-353-05
GWM35401AV	SOUTH INL	USGS-009	INLBOUNDARY	Benzene	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35402AV	SOUTH INL	USGS-009	INLBOUNDARY	Benzene	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM354012X	SOUTH INL	USGS-009	INLBOUNDARY	Beryllium	0.13		U		UG/L	06/28/2005	SW6020		T	DNT-353-05
GWM354022X	SOUTH INL	USGS-009	INLBOUNDARY	Beryllium	0.13		U		UG/L	06/28/2005	SW6020		T	DNT-353-05
GWM35401AN	SOUTH INL	USGS-009	INLBOUNDARY	Bromide	0.25		U	UJ	MG/L	06/28/2005	E300		F	DNT-351-05
GWM35402AN	SOUTH INL	USGS-009	INLBOUNDARY	Bromide	0.25		U	UJ	MG/L	06/28/2005	E300		F	DNT-351-05
GWM35401AV	SOUTH INL	USGS-009	INLBOUNDARY	Bromodichloromethane	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35402AV	SOUTH INL	USGS-009	INLBOUNDARY	Bromodichloromethane	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35401AV	SOUTH INL	USGS-009	INLBOUNDARY	Bromoform	2		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35402AV	SOUTH INL	USGS-009	INLBOUNDARY	Bromoform	2		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35401AV	SOUTH INL	USGS-009	INLBOUNDARY	Bromomethane	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35402AV	SOUTH INL	USGS-009	INLBOUNDARY	Bromomethane	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM354012X	SOUTH INL	USGS-009	INLBOUNDARY	Cadmium	0.067		U		UG/L	06/28/2005	SW6020		T	DNT-353-05
GWM354022X	SOUTH INL	USGS-009	INLBOUNDARY	Cadmium	0.067		U		UG/L	06/28/2005	SW6020		T	DNT-353-05
GWM354012X	SOUTH INL	USGS-009	INLBOUNDARY	Calcium	41900				UG/L	06/28/2005	SW6010B		T	DNT-353-05
GWM354022X	SOUTH INL	USGS-009	INLBOUNDARY	Calcium	42700				UG/L	06/28/2005	SW6010B		T	DNT-353-05

Table A-1. (continued).

Field Sample Number	Area	Location	Grid	Compound	Sample Result	Sample Error	Result Qualifier	Validation Flag	Sample Units	Date Sample Collected	Method Code	MDA	Filtered Metal Sample	L&V Report Number
GWM35401AV	SOUTH INL	USGS-009	INLBOUNDARY	Carbon disulfide	5		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35402AV	SOUTH INL	USGS-009	INLBOUNDARY	Carbon disulfide	5		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35401AV	SOUTH INL	USGS-009	INLBOUNDARY	Carbon tetrachloride	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35402AV	SOUTH INL	USGS-009	INLBOUNDARY	Carbon tetrachloride	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35401CW	SOUTH INL	USGS-009	INLBOUNDARY	Carbon-14	9.42E-01	1.10E+00		U	PCI/L	06/28/2005	LSC	3.63E+00	F	SOS-TL226-05
GWM35401RH	SOUTH INL	USGS-009	INLBOUNDARY	Cerium-144	-3.18E+00	7.52E+00		U	PCI/L	06/28/2005	GMS	2.49E+01	F	SOS-TL226-05
GWM35402RH	SOUTH INL	USGS-009	INLBOUNDARY	Cerium-144	3.00E+00	6.97E+00		U	PCI/L	06/28/2005	GMS	2.37E+01	F	SOS-TL226-05
GWM35401RH	SOUTH INL	USGS-009	INLBOUNDARY	Cesium-134	4.94E-01	1.07E+00		U	PCI/L	06/28/2005	GMS	3.94E+00	F	SOS-TL226-05
GWM35402RH	SOUTH INL	USGS-009	INLBOUNDARY	Cesium-134	1.75E+00	1.11E+00		U	PCI/L	06/28/2005	GMS	4.18E+00	F	SOS-TL226-05
GWM35401RH	SOUTH INL	USGS-009	INLBOUNDARY	Cesium-137	6.92E-01	1.14E+00		U	PCI/L	06/28/2005	GMS	4.17E+00	F	SOS-TL226-05
GWM35402RH	SOUTH INL	USGS-009	INLBOUNDARY	Cesium-137	1.52E+00	9.92E-01		U	PCI/L	06/28/2005	GMS	3.72E+00	F	SOS-TL226-05
GWM35401AN	SOUTH INL	USGS-009	INLBOUNDARY	Chloride	16.6				MG/L	06/28/2005	E300		F	DNT-351-05
GWM35402AN	SOUTH INL	USGS-009	INLBOUNDARY	Chloride	17.2				MG/L	06/28/2005	E300		F	DNT-351-05
GWM35401AV	SOUTH INL	USGS-009	INLBOUNDARY	Chlorobenzene	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35402AV	SOUTH INL	USGS-009	INLBOUNDARY	Chlorobenzene	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35401AV	SOUTH INL	USGS-009	INLBOUNDARY	Chloroethane	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35402AV	SOUTH INL	USGS-009	INLBOUNDARY	Chloroethane	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35401AV	SOUTH INL	USGS-009	INLBOUNDARY	Chloroform	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35402AV	SOUTH INL	USGS-009	INLBOUNDARY	Chloroform	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35401AV	SOUTH INL	USGS-009	INLBOUNDARY	Chloromethane	5		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35402AV	SOUTH INL	USGS-009	INLBOUNDARY	Chloromethane	5		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35401AV	SOUTH INL	USGS-009	INLBOUNDARY	Chloroprene	5		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35402AV	SOUTH INL	USGS-009	INLBOUNDARY	Chloroprene	5		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM354012X	SOUTH INL	USGS-009	INLBOUNDARY	Chromium	5.2				UG/L	06/28/2005	SW6020		T	DNT-353-05
GWM354022X	SOUTH INL	USGS-009	INLBOUNDARY	Chromium	5.4				UG/L	06/28/2005	SW6020		T	DNT-353-05
GWM35401AV	SOUTH INL	USGS-009	INLBOUNDARY	cis-1,2-Dichloroethene	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35402AV	SOUTH INL	USGS-009	INLBOUNDARY	cis-1,2-Dichloroethene	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35401AV	SOUTH INL	USGS-009	INLBOUNDARY	cis-1,3-Dichloropropene	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35402AV	SOUTH INL	USGS-009	INLBOUNDARY	cis-1,3-Dichloropropene	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM354012X	SOUTH INL	USGS-009	INLBOUNDARY	Cobalt	2.8		U		UG/L	06/28/2005	SW6010B		T	DNT-353-05
GWM354022X	SOUTH INL	USGS-009	INLBOUNDARY	Cobalt	2.8		U		UG/L	06/28/2005	SW6010B		T	DNT-353-05
GWM35401RH	SOUTH INL	USGS-009	INLBOUNDARY	Cobalt-60	2.22E+00	2.23E+00		U	PCI/L	06/28/2005	GMS	4.96E+00	F	SOS-TL226-05
GWM35402RH	SOUTH INL	USGS-009	INLBOUNDARY	Cobalt-60	1.36E+01	2.00E+00			PCI/L	06/28/2005	GMS	3.40E+00	F	SOS-TL226-05
GWM354012X	SOUTH INL	USGS-009	INLBOUNDARY	Copper	1.1		U	UJ	UG/L	06/28/2005	SW6010B		T	DNT-353-05
GWM354022X	SOUTH INL	USGS-009	INLBOUNDARY	Copper	1.1		U	UJ	UG/L	06/28/2005	SW6010B		T	DNT-353-05
GWM35401AV	SOUTH INL	USGS-009	INLBOUNDARY	Dibromochloromethane	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35402AV	SOUTH INL	USGS-009	INLBOUNDARY	Dibromochloromethane	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35401AV	SOUTH INL	USGS-009	INLBOUNDARY	Dibromomethane	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35402AV	SOUTH INL	USGS-009	INLBOUNDARY	Dibromomethane	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35401AV	SOUTH INL	USGS-009	INLBOUNDARY	Dichlorodifluoromethane	5		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35402AV	SOUTH INL	USGS-009	INLBOUNDARY	Dichlorodifluoromethane	5		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35401AV	SOUTH INL	USGS-009	INLBOUNDARY	Ethylbenzene	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35402AV	SOUTH INL	USGS-009	INLBOUNDARY	Ethylbenzene	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35401RH	SOUTH INL	USGS-009	INLBOUNDARY	Europium-152	2.40E+00	2.96E+00		U	PCI/L	06/28/2005	GMS	1.09E+01	F	SOS-TL226-05
GWM35402RH	SOUTH INL	USGS-009	INLBOUNDARY	Europium-152	1.66E+00	2.88E+00		U	PCI/L	06/28/2005	GMS	1.04E+01	F	SOS-TL226-05
GWM35401RH	SOUTH INL	USGS-009	INLBOUNDARY	Europium-154	-4.40E-01	3.26E+00		U	PCI/L	06/28/2005	GMS	1.21E+01	F	SOS-TL226-05
GWM35402RH	SOUTH INL	USGS-009	INLBOUNDARY	Europium-154	8.86E-01	2.98E+00		U	PCI/L	06/28/2005	GMS	9.83E+00	F	SOS-TL226-05
GWM35401RH	SOUTH INL	USGS-009	INLBOUNDARY	Europium-155	1.00E-01	3.95E+00		U	PCI/L	06/28/2005	GMS	1.34E+01	F	SOS-TL226-05
GWM35402RH	SOUTH INL	USGS-009	INLBOUNDARY	Europium-155	2.21E+00	3.51E+00		U	PCI/L	06/28/2005	GMS	1.21E+01	F	SOS-TL226-05
GWM35401AN	SOUTH INL	USGS-009	INLBOUNDARY	Fluoride	0.15				MG/L	06/28/2005	E300		F	DNT-351-05
GWM35402AN	SOUTH INL	USGS-009	INLBOUNDARY	Fluoride	0.15				MG/L	06/28/2005	E300		F	DNT-351-05
GWM35401RH	SOUTH INL	USGS-009	INLBOUNDARY	Gross Alpha	6.67E+00	1.21E+00		J	PCI/L	06/28/2005	GAB	3.01E+00	F	SOS-TL226-05
GWM35402RH	SOUTH INL	USGS-009	INLBOUNDARY	Gross Alpha	1.32E+01	1.59E+00		J	PCI/L	06/28/2005	GAB	1.74E+00	F	SOS-TL226-05
GWM35401RH	SOUTH INL	USGS-009	INLBOUNDARY	Gross Beta	2.65E+00	6.44E-01			PCI/L	06/28/2005	GAB	2.12E+00	F	SOS-TL226-05
GWM35402RH	SOUTH INL	USGS-009	INLBOUNDARY	Gross Beta	3.85E+00	7.67E-01			PCI/L	06/28/2005	GAB	2.41E+00	F	SOS-TL226-05
GWM35402UX	SOUTH INL	USGS-009	INLBOUNDARY	Iodine-129	7.09E-02	2.18E-02		UJ	PCI/L	06/28/2005	GMS	1.01E-01	F	SOS-TL226-05
GWM35401UX	INLBOUNDARY	USGS-009	INLBOUNDARY	Iodine-129	1.34E-02	1.76E-02		U	PCI/L	06/28/2005	GMS	6.03E-02	F	SOS-TL267-05

Table A-1. (continued).

Field Sample Number	Area	Location	Grid	Compound	Sample Result	Sample Error	Result Qualifier	Validation Flag	Sample Units	Date Sample Collected	Method Code	MDA	Filtered Metal Sample	L&V Report Number
GWM354012X	SOUTH INL	USGS-009	INLBOUNDARY	Iron	31.9		B	U	UG/L	06/28/2005	SW6010B		T	DNT-353-05
GWM354022X	SOUTH INL	USGS-009	INLBOUNDARY	Iron	136			U	UG/L	06/28/2005	SW6010B		T	DNT-353-05
GWM35401AV	SOUTH INL	USGS-009	INLBOUNDARY	Isobutyl alcohol	80		U	R	UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35402AV	SOUTH INL	USGS-009	INLBOUNDARY	Isobutyl alcohol	80		U	R	UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM354012X	SOUTH INL	USGS-009	INLBOUNDARY	Lead	1.1		U		UG/L	06/28/2005	SW6010B		T	DNT-353-05
GWM354022X	SOUTH INL	USGS-009	INLBOUNDARY	Lead	1.1		U		UG/L	06/28/2005	SW6010B		T	DNT-353-05
GWM354012X	SOUTH INL	USGS-009	INLBOUNDARY	Lithium	9		B	U	UG/L	06/28/2005	SW6010B		T	DNT-353-05
GWM354022X	SOUTH INL	USGS-009	INLBOUNDARY	Lithium	14.8		B	U	UG/L	06/28/2005	SW6010B		T	DNT-353-05
GWM354012X	SOUTH INL	USGS-009	INLBOUNDARY	Magnesium	16700				UG/L	06/28/2005	SW6010B		T	DNT-353-05
GWM354022X	SOUTH INL	USGS-009	INLBOUNDARY	Magnesium	16400				UG/L	06/28/2005	SW6010B		T	DNT-353-05
GWM354012X	SOUTH INL	USGS-009	INLBOUNDARY	Manganese	9.9				UG/L	06/28/2005	SW6020		T	DNT-353-05
GWM354022X	SOUTH INL	USGS-009	INLBOUNDARY	Manganese	19.5				UG/L	06/28/2005	SW6020		T	DNT-353-05
GWM35401RH	SOUTH INL	USGS-009	INLBOUNDARY	Manganese-54	1.44E+00	1.04E+00		U	PCI/L	06/28/2005	GMS	4.00E+00	F	SOS-TL226-05
GWM35402RH	SOUTH INL	USGS-009	INLBOUNDARY	Manganese-54	-9.75E-01	1.07E+00		U	PCI/L	06/28/2005	GMS	3.51E+00	F	SOS-TL226-05
GWM354012X	SOUTH INL	USGS-009	INLBOUNDARY	Mercury	0.1		U		UG/L	06/28/2005	SW7470A		T	DNT-353-05
GWM354022X	SOUTH INL	USGS-009	INLBOUNDARY	Mercury	0.1		U		UG/L	06/28/2005	SW7470A		T	DNT-353-05
GWM35401AV	SOUTH INL	USGS-009	INLBOUNDARY	Methacrylonitrile	5		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35402AV	SOUTH INL	USGS-009	INLBOUNDARY	Methacrylonitrile	5		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35401AV	SOUTH INL	USGS-009	INLBOUNDARY	Methyl iodide	2		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35402AV	SOUTH INL	USGS-009	INLBOUNDARY	Methyl iodide	2		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35401AV	SOUTH INL	USGS-009	INLBOUNDARY	Methyl isobutyl ketone	5		U	R	UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35402AV	SOUTH INL	USGS-009	INLBOUNDARY	Methyl isobutyl ketone	5		U	R	UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35401AV	SOUTH INL	USGS-009	INLBOUNDARY	Methylene Chloride	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35402AV	SOUTH INL	USGS-009	INLBOUNDARY	Methylene Chloride	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35401AV	SOUTH INL	USGS-009	INLBOUNDARY	Methylmethacrylate	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35402AV	SOUTH INL	USGS-009	INLBOUNDARY	Methylmethacrylate	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM354012X	SOUTH INL	USGS-009	INLBOUNDARY	Molybdenum	3.7		U		UG/L	06/28/2005	SW6010B		T	DNT-353-05
GWM354022X	SOUTH INL	USGS-009	INLBOUNDARY	Molybdenum	3.7		U		UG/L	06/28/2005	SW6010B		T	DNT-353-05
GWM354012X	SOUTH INL	USGS-009	INLBOUNDARY	Nickel	3.5		B		UG/L	06/28/2005	SW6010B		T	DNT-353-05
GWM354022X	SOUTH INL	USGS-009	INLBOUNDARY	Nickel	3.2		U		UG/L	06/28/2005	SW6010B		T	DNT-353-05
GWM35401RH	SOUTH INL	USGS-009	INLBOUNDARY	Niobium-94	6.44E-01	9.18E-01		U	PCI/L	06/28/2005	GMS	3.40E+00	F	SOS-TL226-05
GWM35402RH	SOUTH INL	USGS-009	INLBOUNDARY	Niobium-94	7.20E-01	9.06E-01		U	PCI/L	06/28/2005	GMS	3.28E+00	F	SOS-TL226-05
GWM35401RH	SOUTH INL	USGS-009	INLBOUNDARY	Niobium-95	-3.80E+00	1.72E+00		U	PCI/L	06/28/2005	GMS	5.19E+00	F	SOS-TL226-05
GWM35402RH	SOUTH INL	USGS-009	INLBOUNDARY	Niobium-95	3.23E-01	1.57E+00		U	PCI/L	06/28/2005	GMS	5.52E+00	F	SOS-TL226-05
GWM35401N2	SOUTH INL	USGS-009	INLBOUNDARY	Nitrate/Nitrite as N	0.87				MG/L	06/28/2005	E353.1		F	DNT-351-05
GWM35402N2	SOUTH INL	USGS-009	INLBOUNDARY	Nitrate/Nitrite as N	0.88				MG/L	06/28/2005	E353.1		F	DNT-351-05
GWM354012X	SOUTH INL	USGS-009	INLBOUNDARY	Potassium	2130		B		UG/L	06/28/2005	SW6010B		T	DNT-353-05
GWM354022X	SOUTH INL	USGS-009	INLBOUNDARY	Potassium	3230		B		UG/L	06/28/2005	SW6010B		T	DNT-353-05
GWM35401AV	SOUTH INL	USGS-009	INLBOUNDARY	Propionitrile	5		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35402AV	SOUTH INL	USGS-009	INLBOUNDARY	Propionitrile	5		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35401RH	SOUTH INL	USGS-009	INLBOUNDARY	Ruthenium-106	-1.60E+01	1.02E+01		U	PCI/L	06/28/2005	GMS	3.29E+01	F	SOS-TL226-05
GWM35402RH	SOUTH INL	USGS-009	INLBOUNDARY	Ruthenium-106	-7.25E-01	9.53E+00		U	PCI/L	06/28/2005	GMS	3.32E+01	F	SOS-TL226-05
GWM354012X	SOUTH INL	USGS-009	INLBOUNDARY	Selenium	2		U		UG/L	06/28/2005	SW6010B		T	DNT-353-05
GWM354022X	SOUTH INL	USGS-009	INLBOUNDARY	Selenium	2		U		UG/L	06/28/2005	SW6010B		T	DNT-353-05
GWM354012X	SOUTH INL	USGS-009	INLBOUNDARY	Silicon	11900		N		UG/L	06/28/2005	SW6010B		T	DNT-353-05
GWM354022X	SOUTH INL	USGS-009	INLBOUNDARY	Silicon	11600		N		UG/L	06/28/2005	SW6010B		T	DNT-353-05
GWM354012X	SOUTH INL	USGS-009	INLBOUNDARY	Silver	1.5		U		UG/L	06/28/2005	SW6020		T	DNT-353-05
GWM354022X	SOUTH INL	USGS-009	INLBOUNDARY	Silver	1.5		U		UG/L	06/28/2005	SW6020		T	DNT-353-05
GWM35401RH	SOUTH INL	USGS-009	INLBOUNDARY	Silver-108m	-7.53E-01	9.70E-01		U	PCI/L	06/28/2005	GMS	3.34E+00	F	SOS-TL226-05
GWM35402RH	SOUTH INL	USGS-009	INLBOUNDARY	Silver-108m	2.57E-01	9.15E-01		U	PCI/L	06/28/2005	GMS	3.27E+00	F	SOS-TL226-05
GWM35401RH	SOUTH INL	USGS-009	INLBOUNDARY	Silver-110m	2.66E-01	1.12E+00		U	PCI/L	06/28/2005	GMS	4.02E+00	F	SOS-TL226-05
GWM35402RH	SOUTH INL	USGS-009	INLBOUNDARY	Silver-110m	-1.85E+00	9.84E-01		U	PCI/L	06/28/2005	GMS	3.11E+00	F	SOS-TL226-05
GWM354012X	SOUTH INL	USGS-009	INLBOUNDARY	Sodium	12000				UG/L	06/28/2005	SW6010B		T	DNT-353-05
GWM354022X	SOUTH INL	USGS-009	INLBOUNDARY	Sodium	11300				UG/L	06/28/2005	SW6010B		T	DNT-353-05
GWM354012X	SOUTH INL	USGS-009	INLBOUNDARY	Strontium	217				UG/L	06/28/2005	SW6010B		T	DNT-353-05
GWM354022X	SOUTH INL	USGS-009	INLBOUNDARY	Strontium	181				UG/L	06/28/2005	SW6010B		T	DNT-353-05
GWM35401RH	SOUTH INL	USGS-009	INLBOUNDARY	Strontium-90	1.07E-01	1.96E-01		U	PCI/L	06/28/2005	GFP	9.15E-01	F	SOS-TL226-05

Table A-1. (continued).

Field Sample Number	Area	Location	Grid	Compound	Sample Result	Sample Error	Result Qualifier	Validation Flag	Sample Units	Date Sample Collected	Method Code	MDA	Filtered Metal Sample	L&V Report Number
GWM35402RH	SOUTH INL	USGS-009	INLBOUNDARY	Strontium-90	1.72E-01	1.79E-01		U	PCI/L	06/28/2005	GFP	8.02E-01	F	SOS-TL226-05
GWM35401AV	SOUTH INL	USGS-009	INLBOUNDARY	Styrene	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35402AV	SOUTH INL	USGS-009	INLBOUNDARY	Styrene	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35401AN	SOUTH INL	USGS-009	INLBOUNDARY	Sulfate	23.5			J	MG/L	06/28/2005	E300		F	DNT-351-05
GWM35402AN	SOUTH INL	USGS-009	INLBOUNDARY	Sulfate	23.8			J	MG/L	06/28/2005	E300		F	DNT-351-05
GWM35401RH	SOUTH INL	USGS-009	INLBOUNDARY	Technetium-99	7.81E-01	1.85E+00		U	PCI/L	06/28/2005	LSC	6.21E+00	F	SOS-TL226-05
GWM35402RH	SOUTH INL	USGS-009	INLBOUNDARY	Technetium-99	2.22E+00	1.89E+00		U	PCI/L	06/28/2005	LSC	6.26E+00	F	SOS-TL226-05
GWM35401AV	SOUTH INL	USGS-009	INLBOUNDARY	Tetrachloroethene	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35402AV	SOUTH INL	USGS-009	INLBOUNDARY	Tetrachloroethene	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM354012X	SOUTH INL	USGS-009	INLBOUNDARY	Thallium	0.76		B	U	UG/L	06/28/2005	SW6020		T	DNT-353-05
GWM354022X	SOUTH INL	USGS-009	INLBOUNDARY	Thallium	0.42		B	U	UG/L	06/28/2005	SW6020		T	DNT-353-05
GWM354012X	SOUTH INL	USGS-009	INLBOUNDARY	Tin	3.9		U		UG/L	06/28/2005	SW6010B		T	DNT-353-05
GWM354022X	SOUTH INL	USGS-009	INLBOUNDARY	Tin	3.9		U		UG/L	06/28/2005	SW6010B		T	DNT-353-05
GWM35401AV	SOUTH INL	USGS-009	INLBOUNDARY	Toluene	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35402AV	SOUTH INL	USGS-009	INLBOUNDARY	Toluene	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35401A1	SOUTH INL	USGS-009	INLBOUNDARY	Total Alkalinity	138				MG/L	06/28/2005	E310.1		F	DNT-351-05
GWM35402A1	SOUTH INL	USGS-009	INLBOUNDARY	Total Alkalinity	136				MG/L	06/28/2005	E310.1		F	DNT-351-05
GWM35401AV	SOUTH INL	USGS-009	INLBOUNDARY	trans-1,2-Dichloroethene	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35402AV	SOUTH INL	USGS-009	INLBOUNDARY	trans-1,2-Dichloroethene	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35401AV	SOUTH INL	USGS-009	INLBOUNDARY	trans-1,3-Dichloropropene	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35402AV	SOUTH INL	USGS-009	INLBOUNDARY	trans-1,3-Dichloropropene	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35401AV	SOUTH INL	USGS-009	INLBOUNDARY	trans-1,4-Dichloro-2-butene	5		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35402AV	SOUTH INL	USGS-009	INLBOUNDARY	trans-1,4-Dichloro-2-butene	5		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35401AV	SOUTH INL	USGS-009	INLBOUNDARY	Trichloroethene	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35402AV	SOUTH INL	USGS-009	INLBOUNDARY	Trichloroethene	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35401AV	SOUTH INL	USGS-009	INLBOUNDARY	Trichlorofluoromethane	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35402AV	SOUTH INL	USGS-009	INLBOUNDARY	Trichlorofluoromethane	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35401R8	SOUTH INL	USGS-009	INLBOUNDARY	Tritium	3.21E+01	8.16E+01		U	PCI/L	06/28/2005	LSC	2.74E+02	F	SOS-TL226-05
GWM35402R8	SOUTH INL	USGS-009	INLBOUNDARY	Tritium	1.26E+02	8.70E+01		U	PCI/L	06/28/2005	LSC	2.87E+02	F	SOS-TL226-05
GWM354012X	SOUTH INL	USGS-009	INLBOUNDARY	Uranium	2		B		UG/L	06/28/2005	SW6020		T	DNT-353-05
GWM354022X	SOUTH INL	USGS-009	INLBOUNDARY	Uranium	1.9		B		UG/L	06/28/2005	SW6020		T	DNT-353-05
GWM35401RH	SOUTH INL	USGS-009	INLBOUNDARY	Uranium-233/234	1.36E+00	2.48E-01			PCI/L	06/28/2005	ALS	3.69E-01	F	SOS-TL226-05
GWM35402RH	SOUTH INL	USGS-009	INLBOUNDARY	Uranium-233/234	1.80E+00	3.11E-01			PCI/L	06/28/2005	ALS	3.03E-01	F	SOS-TL226-05
GWM35401RH	SOUTH INL	USGS-009	INLBOUNDARY	Uranium-235	1.28E-01	7.40E-02		U	PCI/L	06/28/2005	ALS	2.25E-01	F	SOS-TL226-05
GWM35402RH	SOUTH INL	USGS-009	INLBOUNDARY	Uranium-235	1.54E-01	8.94E-02		U	PCI/L	06/28/2005	ALS	2.72E-01	F	SOS-TL226-05
GWM35401RH	SOUTH INL	USGS-009	INLBOUNDARY	Uranium-238	3.80E-01	1.23E-01			PCI/L	06/28/2005	ALS	2.25E-01	F	SOS-TL226-05
GWM35402RH	SOUTH INL	USGS-009	INLBOUNDARY	Uranium-238	6.98E-01	1.82E-01			PCI/L	06/28/2005	ALS	1.31E-01	F	SOS-TL226-05
GWM354012X	SOUTH INL	USGS-009	INLBOUNDARY	Vanadium	3.9		B		UG/L	06/28/2005	SW6010B		T	DNT-353-05
GWM354022X	SOUTH INL	USGS-009	INLBOUNDARY	Vanadium	4.3		B		UG/L	06/28/2005	SW6010B		T	DNT-353-05
GWM35401AV	SOUTH INL	USGS-009	INLBOUNDARY	Vinyl Acetate	2		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35402AV	SOUTH INL	USGS-009	INLBOUNDARY	Vinyl Acetate	2		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35401AV	SOUTH INL	USGS-009	INLBOUNDARY	Vinyl Chloride	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35402AV	SOUTH INL	USGS-009	INLBOUNDARY	Vinyl Chloride	1		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35401AV	SOUTH INL	USGS-009	INLBOUNDARY	Xylene (Total)	3		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM35402AV	SOUTH INL	USGS-009	INLBOUNDARY	Xylene (Total)	3		U		UG/L	06/28/2005	SW8260B		F	JGJ-55-05
GWM354012X	SOUTH INL	USGS-009	INLBOUNDARY	Zinc	1.1		U	UJ	UG/L	06/28/2005	SW6010B		T	DNT-353-05
GWM354022X	SOUTH INL	USGS-009	INLBOUNDARY	Zinc	1.1		U	UJ	UG/L	06/28/2005	SW6010B		T	DNT-353-05
GWM35401RH	SOUTH INL	USGS-009	INLBOUNDARY	Zinc-65	-3.03E+00	2.08E+00		U	PCI/L	06/28/2005	GMS	7.00E+00	F	SOS-TL226-05
GWM35402RH	SOUTH INL	USGS-009	INLBOUNDARY	Zinc-65	1.48E+00	2.37E+00		U	PCI/L	06/28/2005	GMS	8.84E+00	F	SOS-TL226-05
GWM38601AV	OFFSITE	USGS-011	DISTAL WELL	1,1,1,2-Tetrachloroethane	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38801AV	OFFSITE	USGS-011	DISTAL WELL	1,1,1,2-Tetrachloroethane	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM38601AV	OFFSITE	USGS-011	DISTAL WELL	1,1,1-Trichloroethane	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38801AV	OFFSITE	USGS-011	DISTAL WELL	1,1,1-Trichloroethane	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM38601AV	OFFSITE	USGS-011	DISTAL WELL	1,1,2,2-Tetrachloroethane	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38801AV	OFFSITE	USGS-011	DISTAL WELL	1,1,2,2-Tetrachloroethane	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM38601AV	OFFSITE	USGS-011	DISTAL WELL	1,1,2-Trichloroethane	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38801AV	OFFSITE	USGS-011	DISTAL WELL	1,1,2-Trichloroethane	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05

Table A-1. (continued).

Field Sample Number	Area	Location	Grid	Compound	Sample Result	Sample Error	Result Qualifier	Validation Flag	Sample Units	Date Sample Collected	Method Code	MDA	Filtered Metal Sample	L&V Report Number
GWM38601AV	OFFSITE	USGS-011	DISTAL WELL	1,1-Dichloroethane	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38801AV	OFFSITE	USGS-011	DISTAL WELL	1,1-Dichloroethane	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM38601AV	OFFSITE	USGS-011	DISTAL WELL	1,1-Dichloroethene	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38801AV	OFFSITE	USGS-011	DISTAL WELL	1,1-Dichloroethene	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM38601AV	OFFSITE	USGS-011	DISTAL WELL	1,2,3-Trichloropropane	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38801AV	OFFSITE	USGS-011	DISTAL WELL	1,2,3-Trichloropropane	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM38601AV	OFFSITE	USGS-011	DISTAL WELL	1,2-Dibromo-3-chloropropane	5		U	R	UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38801AV	OFFSITE	USGS-011	DISTAL WELL	1,2-Dibromo-3-chloropropane	5		U	R	UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM38601AV	OFFSITE	USGS-011	DISTAL WELL	1,2-Dibromoethane	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38801AV	OFFSITE	USGS-011	DISTAL WELL	1,2-Dibromoethane	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM38601AV	OFFSITE	USGS-011	DISTAL WELL	1,2-Dichloroethane	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38801AV	OFFSITE	USGS-011	DISTAL WELL	1,2-Dichloroethane	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM38601AV	OFFSITE	USGS-011	DISTAL WELL	1,2-Dichloropropane	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38801AV	OFFSITE	USGS-011	DISTAL WELL	1,2-Dichloropropane	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM38601AV	OFFSITE	USGS-011	DISTAL WELL	1,4-Dioxane	80		U	R	UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38801AV	OFFSITE	USGS-011	DISTAL WELL	1,4-Dioxane	80		U	R	UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM38601AV	OFFSITE	USGS-011	DISTAL WELL	2-Butanone	10		U	R	UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38801AV	OFFSITE	USGS-011	DISTAL WELL	2-Butanone	10		U	R	UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM38601AV	OFFSITE	USGS-011	DISTAL WELL	2-Hexanone	5		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38801AV	OFFSITE	USGS-011	DISTAL WELL	2-Hexanone	5		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM38601AV	OFFSITE	USGS-011	DISTAL WELL	Acetone	10		U	R	UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38801AV	OFFSITE	USGS-011	DISTAL WELL	Acetone	0.27		J	J	UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM38601AV	OFFSITE	USGS-011	DISTAL WELL	Acetonitrile	20		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38801AV	OFFSITE	USGS-011	DISTAL WELL	Acetonitrile	20		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM38601AV	OFFSITE	USGS-011	DISTAL WELL	Acrolein	5		U	R	UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38801AV	OFFSITE	USGS-011	DISTAL WELL	Acrolein	5		U	R	UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM38601AV	OFFSITE	USGS-011	DISTAL WELL	Acrylonitrile	1		U	R	UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38801AV	OFFSITE	USGS-011	DISTAL WELL	Acrylonitrile	1		U	R	UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM38601AV	OFFSITE	USGS-011	DISTAL WELL	Allyl chloride	5		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38801AV	OFFSITE	USGS-011	DISTAL WELL	Allyl chloride	5		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM386012X	OFFSITE	USGS-011	DISTAL WELL	Aluminum	24		B		UG/L	06/22/2005	SW6010B		T	DNT-343-05
GWM38601RH	OFFSITE	USGS-011	DISTAL WELL	Americium-241	-1.34E+01	4.28E+00		U	PCI/L	06/21/2005	GMS	1.34E+01	F	SOS-TL259-05
GWM386012X	OFFSITE	USGS-011	DISTAL WELL	Antimony	0.61		U		UG/L	06/22/2005	SW6020		T	DNT-343-05
GWM38601RH	OFFSITE	USGS-011	DISTAL WELL	Antimony-125	-6.35E+00	4.83E+00		U	PCI/L	06/21/2005	GMS	1.60E+01	F	SOS-TL259-05
GWM386012X	OFFSITE	USGS-011	DISTAL WELL	Arsenic	1.8		U		UG/L	06/22/2005	SW6020		T	DNT-343-05
GWM386012X	OFFSITE	USGS-011	DISTAL WELL	Barium	56.8		B		UG/L	06/22/2005	SW6010B		T	DNT-343-05
GWM38601AV	OFFSITE	USGS-011	DISTAL WELL	Benzene	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38801AV	OFFSITE	USGS-011	DISTAL WELL	Benzene	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM386012X	OFFSITE	USGS-011	DISTAL WELL	Beryllium	0.13		U		UG/L	06/22/2005	SW6020		T	DNT-343-05
GWM38601AN	OFFSITE	USGS-011	DISTAL WELL	Bromide	0.25		U		MG/L	06/22/2005	E300		F	DNT-347-05
GWM38601AV	OFFSITE	USGS-011	DISTAL WELL	Bromodichloromethane	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38801AV	OFFSITE	USGS-011	DISTAL WELL	Bromodichloromethane	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM38601AV	OFFSITE	USGS-011	DISTAL WELL	Bromoform	2		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38801AV	OFFSITE	USGS-011	DISTAL WELL	Bromoform	2		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM38601AV	OFFSITE	USGS-011	DISTAL WELL	Bromomethane	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38801AV	OFFSITE	USGS-011	DISTAL WELL	Bromomethane	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM386012X	OFFSITE	USGS-011	DISTAL WELL	Cadmium	0.067		U		UG/L	06/22/2005	SW6020		T	DNT-343-05
GWM386012X	OFFSITE	USGS-011	DISTAL WELL	Calcium	43100				UG/L	06/22/2005	SW6010B		T	DNT-343-05
GWM38601AV	OFFSITE	USGS-011	DISTAL WELL	Carbon disulfide	5		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38801AV	OFFSITE	USGS-011	DISTAL WELL	Carbon disulfide	5		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM38601AV	OFFSITE	USGS-011	DISTAL WELL	Carbon tetrachloride	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38801AV	OFFSITE	USGS-011	DISTAL WELL	Carbon tetrachloride	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM38601RH	OFFSITE	USGS-011	DISTAL WELL	Cerium-144	6.49E+01	3.39E+01		U	PCI/L	06/21/2005	GMS	3.89E+01	F	SOS-TL259-05
GWM38601RH	OFFSITE	USGS-011	DISTAL WELL	Cesium-134	1.24E+00	2.35E+00		U	PCI/L	06/21/2005	GMS	7.69E+00	F	SOS-TL259-05
GWM38601RH	OFFSITE	USGS-011	DISTAL WELL	Cesium-137	3.25E-01	1.49E+00		U	PCI/L	06/21/2005	GMS	5.67E+00	F	SOS-TL259-05
GWM38601AN	OFFSITE	USGS-011	DISTAL WELL	Chloride	10.4				MG/L	06/22/2005	E300		F	DNT-347-05
GWM38601AV	OFFSITE	USGS-011	DISTAL WELL	Chlorobenzene	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05

Table A-1. (continued).

Field Sample Number	Area	Location	Grid	Compound	Sample Result	Sample Error	Result Qualifier	Validation Flag	Sample Units	Date Sample Collected	Method Code	MDA	Filtered Metal Sample	L&V Report Number
GWM38801AV	OFFSITE	USGS-011	DISTAL WELL	Chlorobenzene	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM38601AV	OFFSITE	USGS-011	DISTAL WELL	Chloroethane	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38801AV	OFFSITE	USGS-011	DISTAL WELL	Chloroethane	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM38601AV	OFFSITE	USGS-011	DISTAL WELL	Chloroform	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38801AV	OFFSITE	USGS-011	DISTAL WELL	Chloroform	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM38601AV	OFFSITE	USGS-011	DISTAL WELL	Chloromethane	5		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38801AV	OFFSITE	USGS-011	DISTAL WELL	Chloromethane	5		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM38601AV	OFFSITE	USGS-011	DISTAL WELL	Chloroprene	5		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38801AV	OFFSITE	USGS-011	DISTAL WELL	Chloroprene	5		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM386012X	OFFSITE	USGS-011	DISTAL WELL	Chromium	7.5			U	UG/L	06/22/2005	SW6020		T	DNT-343-05
GWM38601AV	OFFSITE	USGS-011	DISTAL WELL	cis-1,2-Dichloroethene	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38801AV	OFFSITE	USGS-011	DISTAL WELL	cis-1,2-Dichloroethene	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM38601AV	OFFSITE	USGS-011	DISTAL WELL	cis-1,3-Dichloropropene	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38801AV	OFFSITE	USGS-011	DISTAL WELL	cis-1,3-Dichloropropene	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM386012X	OFFSITE	USGS-011	DISTAL WELL	Cobalt	2.8		U		UG/L	06/22/2005	SW6010B		T	DNT-343-05
GWM38601RH	OFFSITE	USGS-011	DISTAL WELL	Cobalt-60	8.10E-01	2.07E+00		U	PCI/L	06/21/2005	GMS	6.93E+00	F	SOS-TL259-05
GWM386012X	OFFSITE	USGS-011	DISTAL WELL	Copper	1.1		U		UG/L	06/22/2005	SW6010B		T	DNT-343-05
GWM38601AV	OFFSITE	USGS-011	DISTAL WELL	Dibromochloromethane	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38801AV	OFFSITE	USGS-011	DISTAL WELL	Dibromochloromethane	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM38601AV	OFFSITE	USGS-011	DISTAL WELL	Dibromomethane	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38801AV	OFFSITE	USGS-011	DISTAL WELL	Dibromomethane	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM38601AV	OFFSITE	USGS-011	DISTAL WELL	Dichlorodifluoromethane	5		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38801AV	OFFSITE	USGS-011	DISTAL WELL	Dichlorodifluoromethane	5		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM38601AV	OFFSITE	USGS-011	DISTAL WELL	Ethylbenzene	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38801AV	OFFSITE	USGS-011	DISTAL WELL	Ethylbenzene	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM38601RH	OFFSITE	USGS-011	DISTAL WELL	Europium-152	8.34E-01	4.77E+00		U	PCI/L	06/21/2005	GMS	1.69E+01	F	SOS-TL259-05
GWM38601RH	OFFSITE	USGS-011	DISTAL WELL	Europium-154	-7.97E+00	6.25E+00		U	PCI/L	06/21/2005	GMS	1.65E+01	F	SOS-TL259-05
GWM38601RH	OFFSITE	USGS-011	DISTAL WELL	Europium-155	-4.52E-01	5.53E+00		U	PCI/L	06/21/2005	GMS	1.87E+01	F	SOS-TL259-05
GWM38601AN	OFFSITE	USGS-011	DISTAL WELL	Fluoride	0.17				MG/L	06/22/2005	E300		F	DNT-347-05
GWM38601RH	OFFSITE	USGS-011	DISTAL WELL	Gross Alpha	7.97E-01	7.25E-01		U	PCI/L	06/21/2005	GAB	2.93E+00	F	SOS-TL259-05
GWM38601RH	OFFSITE	USGS-011	DISTAL WELL	Gross Beta	1.96E+00	6.28E-01		J	PCI/L	06/21/2005	GAB	2.28E+00	F	SOS-TL259-05
GWM38601UX	OFFSITE	USGS-011	DISTAL WELL	Iodine-129	4.71E-03	1.66E-02		U	PCI/L	06/22/2005	GMS	5.24E-02	F	SOS-TL211-05
GWM386012X	OFFSITE	USGS-011	DISTAL WELL	Iron	20.5		B	U	UG/L	06/22/2005	SW6010B		T	DNT-343-05
GWM38601AV	OFFSITE	USGS-011	DISTAL WELL	Isobutyl alcohol	80		U	R	UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38801AV	OFFSITE	USGS-011	DISTAL WELL	Isobutyl alcohol	80		U	R	UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM386012X	OFFSITE	USGS-011	DISTAL WELL	Lead	1.1		U		UG/L	06/22/2005	SW6010B		T	DNT-343-05
GWM386012X	OFFSITE	USGS-011	DISTAL WELL	Lithium	3		U		UG/L	06/22/2005	SW6010B		T	DNT-343-05
GWM386012X	OFFSITE	USGS-011	DISTAL WELL	Magnesium	14900				UG/L	06/22/2005	SW6010B		T	DNT-343-05
GWM386012X	OFFSITE	USGS-011	DISTAL WELL	Manganese	0.66		B		UG/L	06/22/2005	SW6020		T	DNT-343-05
GWM38601RH	OFFSITE	USGS-011	DISTAL WELL	Manganese-54	3.12E-01	1.63E+00		U	PCI/L	06/21/2005	GMS	6.12E+00	F	SOS-TL259-05
GWM386012X	OFFSITE	USGS-011	DISTAL WELL	Mercury	0.13		B	U	UG/L	06/22/2005	SW7470A		T	DNT-343-05
GWM38601AV	OFFSITE	USGS-011	DISTAL WELL	Methacrylonitrile	5		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38801AV	OFFSITE	USGS-011	DISTAL WELL	Methacrylonitrile	5		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM38601AV	OFFSITE	USGS-011	DISTAL WELL	Methyl iodide	2		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38801AV	OFFSITE	USGS-011	DISTAL WELL	Methyl iodide	2		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM38601AV	OFFSITE	USGS-011	DISTAL WELL	Methyl isobutyl ketone	5		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38801AV	OFFSITE	USGS-011	DISTAL WELL	Methyl isobutyl ketone	5		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM38601AV	OFFSITE	USGS-011	DISTAL WELL	Methylene Chloride	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38801AV	OFFSITE	USGS-011	DISTAL WELL	Methylene Chloride	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM38601AV	OFFSITE	USGS-011	DISTAL WELL	Methylmethacrylate	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38801AV	OFFSITE	USGS-011	DISTAL WELL	Methylmethacrylate	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM386012X	OFFSITE	USGS-011	DISTAL WELL	Molybdenum	3.7		U		UG/L	06/22/2005	SW6010B		T	DNT-343-05
GWM386012X	OFFSITE	USGS-011	DISTAL WELL	Nickel	3.2		U		UG/L	06/22/2005	SW6010B		T	DNT-343-05
GWM38601RH	OFFSITE	USGS-011	DISTAL WELL	Niobium-94	-1.78E+00	1.59E+00		U	PCI/L	06/21/2005	GMS	5.48E+00	F	SOS-TL259-05
GWM38601RH	OFFSITE	USGS-011	DISTAL WELL	Niobium-95	9.17E-01	2.49E+00		U	PCI/L	06/21/2005	GMS	9.31E+00	F	SOS-TL259-05
GWM38601N2	OFFSITE	USGS-011	DISTAL WELL	Nitrate/Nitrite as N	0.87				MG/L	06/22/2005	E353.1		F	DNT-347-05
GWM386012X	OFFSITE	USGS-011	DISTAL WELL	Potassium	2820		B		UG/L	06/22/2005	SW6010B		T	DNT-343-05

Table A-1. (continued).

Field Sample Number	Area	Location	Grid	Compound	Sample Result	Sample Error	Result Qualifier	Validation Flag	Sample Units	Date Sample Collected	Method Code	MDA	Filtered Metal Sample	L&V Report Number
GWM38601AV	OFFSITE	USGS-011	DISTAL WELL	Propionitrile	5		U	R	UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38801AV	OFFSITE	USGS-011	DISTAL WELL	Propionitrile	5		U	R	UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM38601RH	OFFSITE	USGS-011	DISTAL WELL	Ruthenium-106	-7.21E+00	1.44E+01		U	PCI/L	06/21/2005	GMS	4.97E+01	F	SOS-TL259-05
GWM386012X	OFFSITE	USGS-011	DISTAL WELL	Selenium	2.8		B	U	UG/L	06/22/2005	SW6010B		T	DNT-343-05
GWM386012X	OFFSITE	USGS-011	DISTAL WELL	Silicon	11600		N		UG/L	06/22/2005	SW6010B		T	DNT-343-05
GWM386012X	OFFSITE	USGS-011	DISTAL WELL	Silver	1.5		U		UG/L	06/22/2005	SW6020		T	DNT-343-05
GWM38601RH	OFFSITE	USGS-011	DISTAL WELL	Silver-108m	4.10E+00	1.89E+00		UJ	PCI/L	06/21/2005	GMS	7.14E+00	F	SOS-TL259-05
GWM38601RH	OFFSITE	USGS-011	DISTAL WELL	Silver-110m	-1.16E+00	1.42E+00		U	PCI/L	06/21/2005	GMS	5.03E+00	F	SOS-TL259-05
GWM386012X	OFFSITE	USGS-011	DISTAL WELL	Sodium	8980				UG/L	06/22/2005	SW6010B		T	DNT-343-05
GWM386012X	OFFSITE	USGS-011	DISTAL WELL	Strontium	263				UG/L	06/22/2005	SW6010B		T	DNT-343-05
GWM38601RH	OFFSITE	USGS-011	DISTAL WELL	Strontium-90	4.33E-01	1.71E-01		UJ	PCI/L	06/21/2005	GFP	6.54E-01	F	SOS-TL259-05
GWM38601AV	OFFSITE	USGS-011	DISTAL WELL	Styrene	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38801AV	OFFSITE	USGS-011	DISTAL WELL	Styrene	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM38601AN	OFFSITE	USGS-011	DISTAL WELL	Sulfate	21				MG/L	06/22/2005	E300		F	DNT-347-05
GWM38601RH	OFFSITE	USGS-011	DISTAL WELL	Technetium-99	-5.72E-01	2.17E+00		U	PCI/L	06/21/2005	LSC	7.33E+00	F	SOS-TL259-05
GWM38601AV	OFFSITE	USGS-011	DISTAL WELL	Tetrachloroethene	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38801AV	OFFSITE	USGS-011	DISTAL WELL	Tetrachloroethene	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM386012X	OFFSITE	USGS-011	DISTAL WELL	Thallium	0.47		B	U	UG/L	06/22/2005	SW6020		T	DNT-343-05
GWM386012X	OFFSITE	USGS-011	DISTAL WELL	Tin	3.9		U		UG/L	06/22/2005	SW6010B		T	DNT-343-05
GWM38601AV	OFFSITE	USGS-011	DISTAL WELL	Toluene	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38801AV	OFFSITE	USGS-011	DISTAL WELL	Toluene	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM38601A1	OFFSITE	USGS-011	DISTAL WELL	Total Alkalinity	140				MG/L	06/22/2005	E310.1		F	DNT-347-05
GWM38601AV	OFFSITE	USGS-011	DISTAL WELL	trans-1,2-Dichloroethene	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38801AV	OFFSITE	USGS-011	DISTAL WELL	trans-1,2-Dichloroethene	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM38601AV	OFFSITE	USGS-011	DISTAL WELL	trans-1,3-Dichloropropene	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38801AV	OFFSITE	USGS-011	DISTAL WELL	trans-1,3-Dichloropropene	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM38601AV	OFFSITE	USGS-011	DISTAL WELL	trans-1,4-Dichloro-2-butene	5		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38801AV	OFFSITE	USGS-011	DISTAL WELL	trans-1,4-Dichloro-2-butene	5		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM38601AV	OFFSITE	USGS-011	DISTAL WELL	Trichloroethene	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38801AV	OFFSITE	USGS-011	DISTAL WELL	Trichloroethene	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM38601AV	OFFSITE	USGS-011	DISTAL WELL	Trichlorofluoromethane	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38801AV	OFFSITE	USGS-011	DISTAL WELL	Trichlorofluoromethane	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM38601R8	OFFSITE	USGS-011	DISTAL WELL	Tritium	2.43E+01	8.14E+01		U	PCI/L	06/22/2005	LSC	2.74E+02	F	SOS-TL213-05
GWM386012X	OFFSITE	USGS-011	DISTAL WELL	Uranium	1.7		B		UG/L	06/22/2005	SW6020		T	DNT-343-05
GWM38601RH	OFFSITE	USGS-011	DISTAL WELL	Uranium-233/234	1.32E+00	1.42E-01			PCI/L	06/21/2005	ALS	6.20E-02	F	SOS-TL259-05
GWM38601RH	OFFSITE	USGS-011	DISTAL WELL	Uranium-235	5.76E-02	2.49E-02		U	PCI/L	06/21/2005	ALS	5.28E-02	F	SOS-TL259-05
GWM38601RH	OFFSITE	USGS-011	DISTAL WELL	Uranium-238	6.48E-01	9.03E-02			PCI/L	06/21/2005	ALS	2.99E-02	F	SOS-TL259-05
GWM386012X	OFFSITE	USGS-011	DISTAL WELL	Vanadium	4.2		B		UG/L	06/22/2005	SW6010B		T	DNT-343-05
GWM38601AV	OFFSITE	USGS-011	DISTAL WELL	Vinyl Acetate	2		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38801AV	OFFSITE	USGS-011	DISTAL WELL	Vinyl Acetate	2		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM38601AV	OFFSITE	USGS-011	DISTAL WELL	Vinyl Chloride	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38801AV	OFFSITE	USGS-011	DISTAL WELL	Vinyl Chloride	1		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM38601AV	OFFSITE	USGS-011	DISTAL WELL	Xylene (Total)	3		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38801AV	OFFSITE	USGS-011	DISTAL WELL	Xylene (Total)	3		U		UG/L	07/20/2005	SW8260B		F	DMG-151-05
GWM386012X	OFFSITE	USGS-011	DISTAL WELL	Zinc	159		E	J	UG/L	06/22/2005	SW6010B		T	DNT-343-05
GWM38601RH	OFFSITE	USGS-011	DISTAL WELL	Zinc-65	3.59E+00	4.21E+00		U	PCI/L	06/21/2005	GMS	1.62E+01	F	SOS-TL259-05
GWM38701AV	OFFSITE	USGS-014	DISTAL WELL	1,1,1,2-Tetrachloroethane	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38901AV	OFFSITE	USGS-014	DISTAL WELL	1,1,1,2-Tetrachloroethane	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM38701AV	OFFSITE	USGS-014	DISTAL WELL	1,1,1-Trichloroethane	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38901AV	OFFSITE	USGS-014	DISTAL WELL	1,1,1-Trichloroethane	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM38701AV	OFFSITE	USGS-014	DISTAL WELL	1,1,2,2-Tetrachloroethane	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38901AV	OFFSITE	USGS-014	DISTAL WELL	1,1,2,2-Tetrachloroethane	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM38701AV	OFFSITE	USGS-014	DISTAL WELL	1,1,2-Trichloroethane	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38901AV	OFFSITE	USGS-014	DISTAL WELL	1,1,2-Trichloroethane	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM38701AV	OFFSITE	USGS-014	DISTAL WELL	1,1-Dichloroethane	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38901AV	OFFSITE	USGS-014	DISTAL WELL	1,1-Dichloroethane	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM38701AV	OFFSITE	USGS-014	DISTAL WELL	1,1-Dichloroethene	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05

Table A-1. (continued).

Field Sample Number	Area	Location	Grid	Compound	Sample Result	Sample Error	Result Qualifier	Validation Flag	Sample Units	Date Sample Collected	Method Code	MDA	Filtered Metal Sample	L&V Report Number
GWM38901AV	OFFSITE	USGS-014	DISTAL WELL	1,1-Dichloroethene	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM38701AV	OFFSITE	USGS-014	DISTAL WELL	1,2,3-Trichloropropane	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38901AV	OFFSITE	USGS-014	DISTAL WELL	1,2,3-Trichloropropane	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM38701AV	OFFSITE	USGS-014	DISTAL WELL	1,2-Dibromo-3-chloropropane	5		U	R	UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38901AV	OFFSITE	USGS-014	DISTAL WELL	1,2-Dibromo-3-chloropropane	5		U	R	UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM38701AV	OFFSITE	USGS-014	DISTAL WELL	1,2-Dibromoethane	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38901AV	OFFSITE	USGS-014	DISTAL WELL	1,2-Dibromoethane	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM38701AV	OFFSITE	USGS-014	DISTAL WELL	1,2-Dichloroethane	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38901AV	OFFSITE	USGS-014	DISTAL WELL	1,2-Dichloroethane	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM38701AV	OFFSITE	USGS-014	DISTAL WELL	1,2-Dichloropropane	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38901AV	OFFSITE	USGS-014	DISTAL WELL	1,2-Dichloropropane	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM38701AV	OFFSITE	USGS-014	DISTAL WELL	1,4-Dioxane	80		U	R	UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38901AV	OFFSITE	USGS-014	DISTAL WELL	1,4-Dioxane	80		U	R	UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM38701AV	OFFSITE	USGS-014	DISTAL WELL	2-Butanone	10		U	R	UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38901AV	OFFSITE	USGS-014	DISTAL WELL	2-Butanone	10		U	R	UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM38701AV	OFFSITE	USGS-014	DISTAL WELL	2-Hexanone	5		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38901AV	OFFSITE	USGS-014	DISTAL WELL	2-Hexanone	5		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM38701AV	OFFSITE	USGS-014	DISTAL WELL	Acetone	10		U	R	UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38901AV	OFFSITE	USGS-014	DISTAL WELL	Acetone	10		U	R	UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM38701AV	OFFSITE	USGS-014	DISTAL WELL	Acetonitrile	20		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38901AV	OFFSITE	USGS-014	DISTAL WELL	Acetonitrile	20		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM38701AV	OFFSITE	USGS-014	DISTAL WELL	Acrolein	5		U	R	UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38901AV	OFFSITE	USGS-014	DISTAL WELL	Acrolein	5		U	R	UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM38701AV	OFFSITE	USGS-014	DISTAL WELL	Acrylonitrile	1		U	R	UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38901AV	OFFSITE	USGS-014	DISTAL WELL	Acrylonitrile	1		U	R	UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM38701AV	OFFSITE	USGS-014	DISTAL WELL	Allyl chloride	5		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38901AV	OFFSITE	USGS-014	DISTAL WELL	Allyl chloride	5		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM387012X	OFFSITE	USGS-014	DISTAL WELL	Aluminum	24.9		B		UG/L	06/22/2005	SW6010B		T	DNT-343-05
GWM38701RH	OFFSITE	USGS-014	DISTAL WELL	Americium-241	5.59E+00	6.84E+00		U	PCI/L	06/21/2005	GMS	2.38E+01	F	SOS-TL259-05
GWM387012X	OFFSITE	USGS-014	DISTAL WELL	Antimony	0.61		U		UG/L	06/22/2005	SW6020		T	DNT-343-05
GWM38701RH	OFFSITE	USGS-014	DISTAL WELL	Antimony-125	4.34E+00	3.98E+00		U	PCI/L	06/21/2005	GMS	1.52E+01	F	SOS-TL259-05
GWM387012X	OFFSITE	USGS-014	DISTAL WELL	Arsenic	1.8		U		UG/L	06/22/2005	SW6020		T	DNT-343-05
GWM387012X	OFFSITE	USGS-014	DISTAL WELL	Barium	24.4		B		UG/L	06/22/2005	SW6010B		T	DNT-343-05
GWM38701AV	OFFSITE	USGS-014	DISTAL WELL	Benzene	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38901AV	OFFSITE	USGS-014	DISTAL WELL	Benzene	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM387012X	OFFSITE	USGS-014	DISTAL WELL	Beryllium	0.13		U		UG/L	06/22/2005	SW6020		T	DNT-343-05
GWM38701AN	OFFSITE	USGS-014	DISTAL WELL	Bromide	0.25		U		MG/L	06/22/2005	E300		F	DNT-347-05
GWM38701AV	OFFSITE	USGS-014	DISTAL WELL	Bromodichloromethane	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38901AV	OFFSITE	USGS-014	DISTAL WELL	Bromodichloromethane	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM38701AV	OFFSITE	USGS-014	DISTAL WELL	Bromoform	2		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38901AV	OFFSITE	USGS-014	DISTAL WELL	Bromoform	2		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM38701AV	OFFSITE	USGS-014	DISTAL WELL	Bromomethane	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38901AV	OFFSITE	USGS-014	DISTAL WELL	Bromomethane	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM387012X	OFFSITE	USGS-014	DISTAL WELL	Cadmium	0.067		U		UG/L	06/22/2005	SW6020		T	DNT-343-05
GWM387012X	OFFSITE	USGS-014	DISTAL WELL	Calcium	39900				UG/L	06/22/2005	SW6010B		T	DNT-343-05
GWM38701AV	OFFSITE	USGS-014	DISTAL WELL	Carbon disulfide	5		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38901AV	OFFSITE	USGS-014	DISTAL WELL	Carbon disulfide	5		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM38701AV	OFFSITE	USGS-014	DISTAL WELL	Carbon tetrachloride	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38901AV	OFFSITE	USGS-014	DISTAL WELL	Carbon tetrachloride	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM38701RH	OFFSITE	USGS-014	DISTAL WELL	Cerium-144	9.00E+00	9.33E+00		U	PCI/L	06/21/2005	GMS	3.37E+01	F	SOS-TL259-05
GWM38701RH	OFFSITE	USGS-014	DISTAL WELL	Cesium-134	7.24E-04	1.25E+00		U	PCI/L	06/21/2005	GMS	4.84E+00	F	SOS-TL259-05
GWM38701RH	OFFSITE	USGS-014	DISTAL WELL	Cesium-137	3.47E-01	1.30E+00		U	PCI/L	06/21/2005	GMS	5.05E+00	F	SOS-TL259-05
GWM38701AN	OFFSITE	USGS-014	DISTAL WELL	Chloride	21.9				MG/L	06/22/2005	E300		F	DNT-347-05
GWM38701AV	OFFSITE	USGS-014	DISTAL WELL	Chlorobenzene	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38901AV	OFFSITE	USGS-014	DISTAL WELL	Chlorobenzene	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM38701AV	OFFSITE	USGS-014	DISTAL WELL	Chloroethane	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38901AV	OFFSITE	USGS-014	DISTAL WELL	Chloroethane	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05

Table A-1. (continued).

Field Sample Number	Area	Location	Grid	Compound	Sample Result	Sample Error	Result Qualifier	Validation Flag	Sample Units	Date Sample Collected	Method Code	MDA	Filtered Metal Sample	L&V Report Number
GWM38701AV	OFFSITE	USGS-014	DISTAL WELL	Chloroform	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38901AV	OFFSITE	USGS-014	DISTAL WELL	Chloroform	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM38701AV	OFFSITE	USGS-014	DISTAL WELL	Chloromethane	5		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38901AV	OFFSITE	USGS-014	DISTAL WELL	Chloromethane	5		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM38701AV	OFFSITE	USGS-014	DISTAL WELL	Chloroprene	5		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38901AV	OFFSITE	USGS-014	DISTAL WELL	Chloroprene	5		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM387012X	OFFSITE	USGS-014	DISTAL WELL	Chromium	8.4			U	UG/L	06/22/2005	SW6020		T	DNT-343-05
GWM38701AV	OFFSITE	USGS-014	DISTAL WELL	cis-1,2-Dichloroethene	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38901AV	OFFSITE	USGS-014	DISTAL WELL	cis-1,2-Dichloroethene	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM38701AV	OFFSITE	USGS-014	DISTAL WELL	cis-1,3-Dichloropropene	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38901AV	OFFSITE	USGS-014	DISTAL WELL	cis-1,3-Dichloropropene	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM387012X	OFFSITE	USGS-014	DISTAL WELL	Cobalt	2.8		U		UG/L	06/22/2005	SW6010B		T	DNT-343-05
GWM38701RH	OFFSITE	USGS-014	DISTAL WELL	Cobalt-60	-4.05E+00	1.59E+00		U	PCI/L	06/21/2005	GMS	4.47E+00	F	SOS-TL259-05
GWM387012X	OFFSITE	USGS-014	DISTAL WELL	Copper	1.1		U		UG/L	06/22/2005	SW6010B		T	DNT-343-05
GWM38701AV	OFFSITE	USGS-014	DISTAL WELL	Dibromochloromethane	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38901AV	OFFSITE	USGS-014	DISTAL WELL	Dibromochloromethane	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM38701AV	OFFSITE	USGS-014	DISTAL WELL	Dibromomethane	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38901AV	OFFSITE	USGS-014	DISTAL WELL	Dibromomethane	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM38701AV	OFFSITE	USGS-014	DISTAL WELL	Dichlorodifluoromethane	5		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38901AV	OFFSITE	USGS-014	DISTAL WELL	Dichlorodifluoromethane	5		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM38701AV	OFFSITE	USGS-014	DISTAL WELL	Ethylbenzene	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38901AV	OFFSITE	USGS-014	DISTAL WELL	Ethylbenzene	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM38701RH	OFFSITE	USGS-014	DISTAL WELL	Europium-152	-8.34E-01	4.09E+00		U	PCI/L	06/21/2005	GMS	1.30E+01	F	SOS-TL259-05
GWM38701RH	OFFSITE	USGS-014	DISTAL WELL	Europium-154	2.46E+00	4.14E+00		U	PCI/L	06/21/2005	GMS	1.71E+01	F	SOS-TL259-05
GWM38701RH	OFFSITE	USGS-014	DISTAL WELL	Europium-155	-6.94E+00	4.67E+00		U	PCI/L	06/21/2005	GMS	1.56E+01	F	SOS-TL259-05
GWM38701AN	OFFSITE	USGS-014	DISTAL WELL	Fluoride	0.89				MG/L	06/22/2005	E300		F	DNT-347-05
GWM38701RH	OFFSITE	USGS-014	DISTAL WELL	Gross Alpha	3.63E+00	9.29E-01			PCI/L	06/21/2005	GAB	2.36E+00	F	SOS-TL259-05
GWM38701RH	OFFSITE	USGS-014	DISTAL WELL	Gross Beta	3.38E+00	7.51E-01		UJ	PCI/L	06/21/2005	GAB	2.53E+00	F	SOS-TL259-05
GWM38701UX	OFFSITE	USGS-014	DISTAL WELL	Iodine-129	1.68E-02	2.16E-02		U	PCI/L	06/22/2005	GMS	7.30E-02	F	SOS-TL211-05
GWM387012X	OFFSITE	USGS-014	DISTAL WELL	Iron	53.2		B	U	UG/L	06/22/2005	SW6010B		T	DNT-343-05
GWM38701AV	OFFSITE	USGS-014	DISTAL WELL	Isobutyl alcohol	80		U	R	UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38901AV	OFFSITE	USGS-014	DISTAL WELL	Isobutyl alcohol	80		U	R	UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM387012X	OFFSITE	USGS-014	DISTAL WELL	Lead	1.1		U		UG/L	06/22/2005	SW6010B		T	DNT-343-05
GWM387012X	OFFSITE	USGS-014	DISTAL WELL	Lithium	20.9		B		UG/L	06/22/2005	SW6010B		T	DNT-343-05
GWM387012X	OFFSITE	USGS-014	DISTAL WELL	Magnesium	16600				UG/L	06/22/2005	SW6010B		T	DNT-343-05
GWM387012X	OFFSITE	USGS-014	DISTAL WELL	Manganese	4.8		B		UG/L	06/22/2005	SW6020		T	DNT-343-05
GWM38701RH	OFFSITE	USGS-014	DISTAL WELL	Manganese-54	5.00E-01	1.30E+00		U	PCI/L	06/21/2005	GMS	5.08E+00	F	SOS-TL259-05
GWM387012X	OFFSITE	USGS-014	DISTAL WELL	Mercury	0.12		B		UG/L	06/22/2005	SW7470A		T	DNT-343-05
GWM38701AV	OFFSITE	USGS-014	DISTAL WELL	Methacrylonitrile	5		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38901AV	OFFSITE	USGS-014	DISTAL WELL	Methacrylonitrile	5		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM38701AV	OFFSITE	USGS-014	DISTAL WELL	Methyl iodide	2		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38901AV	OFFSITE	USGS-014	DISTAL WELL	Methyl iodide	2		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM38701AV	OFFSITE	USGS-014	DISTAL WELL	Methyl isobutyl ketone	5		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38901AV	OFFSITE	USGS-014	DISTAL WELL	Methyl isobutyl ketone	5		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM38701AV	OFFSITE	USGS-014	DISTAL WELL	Methylene Chloride	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38901AV	OFFSITE	USGS-014	DISTAL WELL	Methylene Chloride	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM38701AV	OFFSITE	USGS-014	DISTAL WELL	Methylmethacrylate	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38901AV	OFFSITE	USGS-014	DISTAL WELL	Methylmethacrylate	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM387012X	OFFSITE	USGS-014	DISTAL WELL	Molybdenum	4.2		B		UG/L	06/22/2005	SW6010B		T	DNT-343-05
GWM387012X	OFFSITE	USGS-014	DISTAL WELL	Nickel	3.2		U		UG/L	06/22/2005	SW6010B		T	DNT-343-05
GWM38701RH	OFFSITE	USGS-014	DISTAL WELL	Niobium-94	2.68E-01	1.38E+00		U	PCI/L	06/21/2005	GMS	5.21E+00	F	SOS-TL259-05
GWM38701RH	OFFSITE	USGS-014	DISTAL WELL	Niobium-95	-3.19E-01	2.05E+00		U	PCI/L	06/21/2005	GMS	7.57E+00	F	SOS-TL259-05
GWM38701N2	OFFSITE	USGS-014	DISTAL WELL	Nitrate/Nitrite as N	1.3				MG/L	06/22/2005	E353.1		F	DNT-347-05
GWM387012X	OFFSITE	USGS-014	DISTAL WELL	Potassium	2690		B		UG/L	06/22/2005	SW6010B		T	DNT-343-05
GWM38701AV	OFFSITE	USGS-014	DISTAL WELL	Propionitrile	5		U	R	UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38901AV	OFFSITE	USGS-014	DISTAL WELL	Propionitrile	5		U	R	UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM38701RH	OFFSITE	USGS-014	DISTAL WELL	Ruthenium-106	2.59E+01	1.40E+01		U	PCI/L	06/21/2005	GMS	5.73E+01	F	SOS-TL259-05

Table A-1. (continued).

Field Sample Number	Area	Location	Grid	Compound	Sample Result	Sample Error	Result Qualifier	Validation Flag	Sample Units	Date Sample Collected	Method Code	MDA	Filtered Metal Sample	L&V Report Number
GWM387012X	OFFSITE	USGS-014	DISTAL WELL	Selenium	2.9		B	U	UG/L	06/22/2005	SW6010B		T	DNT-343-05
GWM387012X	OFFSITE	USGS-014	DISTAL WELL	Silicon	15900		N		UG/L	06/22/2005	SW6010B		T	DNT-343-05
GWM387012X	OFFSITE	USGS-014	DISTAL WELL	Silver	1.5		U		UG/L	06/22/2005	SW6020		T	DNT-343-05
GWM38701RH	OFFSITE	USGS-014	DISTAL WELL	Silver-108m	1.66E+00	8.97E-01		U	PCI/L	06/21/2005	GMS	4.48E+00	F	SOS-TL259-05
GWM38701RH	OFFSITE	USGS-014	DISTAL WELL	Silver-110m	-1.43E+00	1.25E+00		U	PCI/L	06/21/2005	GMS	4.35E+00	F	SOS-TL259-05
GWM387012X	OFFSITE	USGS-014	DISTAL WELL	Sodium	19300				UG/L	06/22/2005	SW6010B		T	DNT-343-05
GWM387012X	OFFSITE	USGS-014	DISTAL WELL	Strontium	205				UG/L	06/22/2005	SW6010B		T	DNT-343-05
GWM38701RH	OFFSITE	USGS-014	DISTAL WELL	Strontium-90	1.74E-01	1.28E-01		U	PCI/L	06/21/2005	GFP	5.30E-01	F	SOS-TL259-05
GWM38701AV	OFFSITE	USGS-014	DISTAL WELL	Styrene	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38901AV	OFFSITE	USGS-014	DISTAL WELL	Styrene	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM38701AN	OFFSITE	USGS-014	DISTAL WELL	Sulfate	21				MG/L	06/22/2005	E300		F	DNT-347-05
GWM38701RH	OFFSITE	USGS-014	DISTAL WELL	Technetium-99	1.32E+00	2.09E+00		U	PCI/L	06/21/2005	LSC	6.96E+00	F	SOS-TL259-05
GWM38701AV	OFFSITE	USGS-014	DISTAL WELL	Tetrachloroethene	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38901AV	OFFSITE	USGS-014	DISTAL WELL	Tetrachloroethene	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM387012X	OFFSITE	USGS-014	DISTAL WELL	Thallium	0.54		B	U	UG/L	06/22/2005	SW6020		T	DNT-343-05
GWM387012X	OFFSITE	USGS-014	DISTAL WELL	Tin	3.9		U		UG/L	06/22/2005	SW6010B		T	DNT-343-05
GWM38701AV	OFFSITE	USGS-014	DISTAL WELL	Toluene	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38901AV	OFFSITE	USGS-014	DISTAL WELL	Toluene	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM38701A1	OFFSITE	USGS-014	DISTAL WELL	Total Alkalinity	135				MG/L	06/22/2005	E310.1		F	DNT-347-05
GWM38701AV	OFFSITE	USGS-014	DISTAL WELL	trans-1,2-Dichloroethene	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38901AV	OFFSITE	USGS-014	DISTAL WELL	trans-1,2-Dichloroethene	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM38701AV	OFFSITE	USGS-014	DISTAL WELL	trans-1,3-Dichloropropene	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38901AV	OFFSITE	USGS-014	DISTAL WELL	trans-1,3-Dichloropropene	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM38701AV	OFFSITE	USGS-014	DISTAL WELL	trans-1,4-Dichloro-2-butene	5		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38901AV	OFFSITE	USGS-014	DISTAL WELL	trans-1,4-Dichloro-2-butene	5		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM38701AV	OFFSITE	USGS-014	DISTAL WELL	Trichloroethene	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38901AV	OFFSITE	USGS-014	DISTAL WELL	Trichloroethene	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM38701AV	OFFSITE	USGS-014	DISTAL WELL	Trichlorofluoromethane	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38901AV	OFFSITE	USGS-014	DISTAL WELL	Trichlorofluoromethane	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM38701R8	OFFSITE	USGS-014	DISTAL WELL	Tritium	2.56E+01	8.58E+01		U	PCI/L	06/22/2005	LSC	2.89E+02	F	SOS-TL213-05
GWM387012X	OFFSITE	USGS-014	DISTAL WELL	Uranium	2.6		B		UG/L	06/22/2005	SW6020		T	DNT-343-05
GWM38701RH	OFFSITE	USGS-014	DISTAL WELL	Uranium-233/234	2.37E+00	2.22E-01			PCI/L	06/21/2005	ALS	8.59E-02	F	SOS-TL259-05
GWM38701RH	OFFSITE	USGS-014	DISTAL WELL	Uranium-235	7.19E-02	2.87E-02		J	PCI/L	06/21/2005	ALS	5.62E-02	F	SOS-TL259-05
GWM38701RH	OFFSITE	USGS-014	DISTAL WELL	Uranium-238	8.89E-01	1.13E-01			PCI/L	06/21/2005	ALS	5.60E-02	F	SOS-TL259-05
GWM387012X	OFFSITE	USGS-014	DISTAL WELL	Vanadium	5.6		B		UG/L	06/22/2005	SW6010B		T	DNT-343-05
GWM38701AV	OFFSITE	USGS-014	DISTAL WELL	Vinyl Acetate	2		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38901AV	OFFSITE	USGS-014	DISTAL WELL	Vinyl Acetate	2		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM38701AV	OFFSITE	USGS-014	DISTAL WELL	Vinyl Chloride	1		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38901AV	OFFSITE	USGS-014	DISTAL WELL	Vinyl Chloride	1		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM38701AV	OFFSITE	USGS-014	DISTAL WELL	Xylene (Total)	3		U		UG/L	06/22/2005	SW8260B		F	JGJ-042-05
GWM38901AV	OFFSITE	USGS-014	DISTAL WELL	Xylene (Total)	3		U		UG/L	07/25/2005	SW8260B		F	DMG-154-05
GWM387012X	OFFSITE	USGS-014	DISTAL WELL	Zinc	68.8		E	J	UG/L	06/22/2005	SW6010B		T	DNT-343-05
GWM38701RH	OFFSITE	USGS-014	DISTAL WELL	Zinc-65	-1.27E+00	2.58E+00		U	PCI/L	06/21/2005	GMS	9.82E+00	F	SOS-TL259-05
GWM36901AV	MIDDLE INL	USGS-019	BASELINE WELLS	1,1,1,2-Tetrachloroethane	1		U		UG/L	07/26/2005	SW8260B		F	DMG-154-05
GWM36901AV	MIDDLE INL	USGS-019	BASELINE WELLS	1,1,1-Trichloroethane	1		U		UG/L	07/26/2005	SW8260B		F	DMG-154-05
GWM36901AV	MIDDLE INL	USGS-019	BASELINE WELLS	1,1,2,2-Tetrachloroethane	1		U		UG/L	07/26/2005	SW8260B		F	DMG-154-05
GWM36901AV	MIDDLE INL	USGS-019	BASELINE WELLS	1,1,2-Trichloroethane	1		U		UG/L	07/26/2005	SW8260B		F	DMG-154-05
GWM36901AV	MIDDLE INL	USGS-019	BASELINE WELLS	1,1-Dichloroethane	1		U		UG/L	07/26/2005	SW8260B		F	DMG-154-05
GWM36901AV	MIDDLE INL	USGS-019	BASELINE WELLS	1,1-Dichloroethene	1		U		UG/L	07/26/2005	SW8260B		F	DMG-154-05
GWM36901AV	MIDDLE INL	USGS-019	BASELINE WELLS	1,2,3-Trichloropropane	1		U		UG/L	07/26/2005	SW8260B		F	DMG-154-05
GWM36901AV	MIDDLE INL	USGS-019	BASELINE WELLS	1,2-Dibromo-3-chloropropane	5		U	R	UG/L	07/26/2005	SW8260B		F	DMG-154-05
GWM36901AV	MIDDLE INL	USGS-019	BASELINE WELLS	1,2-Dibromoethane	1		U		UG/L	07/26/2005	SW8260B		F	DMG-154-05
GWM36901AV	MIDDLE INL	USGS-019	BASELINE WELLS	1,2-Dichloroethane	1		U		UG/L	07/26/2005	SW8260B		F	DMG-154-05
GWM36901AV	MIDDLE INL	USGS-019	BASELINE WELLS	1,2-Dichloropropane	1		U		UG/L	07/26/2005	SW8260B		F	DMG-154-05
GWM36901AV	MIDDLE INL	USGS-019	BASELINE WELLS	1,4-Dioxane	80		U	R	UG/L	07/26/2005	SW8260B		F	DMG-154-05
GWM36901AV	MIDDLE INL	USGS-019	BASELINE WELLS	2-Butanone	10		U	R	UG/L	07/26/2005	SW8260B		F	DMG-154-05
GWM36901AV	MIDDLE INL	USGS-019	BASELINE WELLS	2-Hexanone	5		U		UG/L	07/26/2005	SW8260B		F	DMG-154-05

Table A-1. (continued).

Field Sample Number	Area	Location	Grid	Compound	Sample Result	Sample Error	Result Qualifier	Validation Flag	Sample Units	Date Sample Collected	Method Code	MDA	Filtered Metal Sample	L&V Report Number
GWM36901AV	MIDDLE INL	USGS-019	BASELINE WELLS	Acetone	10		U	R	UG/L	07/26/2005	SW8260B		F	DMG-154-05
GWM36901AV	MIDDLE INL	USGS-019	BASELINE WELLS	Acetonitrile	20		U		UG/L	07/26/2005	SW8260B		F	DMG-154-05
GWM36901AV	MIDDLE INL	USGS-019	BASELINE WELLS	Acrolein	5		U	R	UG/L	07/26/2005	SW8260B		F	DMG-154-05
GWM36901AV	MIDDLE INL	USGS-019	BASELINE WELLS	Acrylonitrile	1		U	R	UG/L	07/26/2005	SW8260B		F	DMG-154-05
GWM36901AV	MIDDLE INL	USGS-019	BASELINE WELLS	Allyl chloride	5		U		UG/L	07/26/2005	SW8260B		F	DMG-154-05
GWM369012X	MIDDLE INL	USGS-019	BASELINE WELLS	Aluminum	31.5		B	U	UG/L	07/26/2005	SW6010B		F	DNT-385-05
GWM36901RH	MIDDLE INL	USGS-019	BASELINE WELLS	Americium-241	5.99E+00	1.91E+01		U	PCI/L	07/26/2005	GMS	5.97E+01	F	SOS-TL289-05
GWM369012X	MIDDLE INL	USGS-019	BASELINE WELLS	Antimony	0.61		U		UG/L	07/26/2005	SW6020		F	DNT-385-05
GWM36901RH	MIDDLE INL	USGS-019	BASELINE WELLS	Antimony-125	-2.67E+00	9.14E+00		U	PCI/L	07/26/2005	GMS	3.16E+01	F	SOS-TL289-05
GWM369012X	MIDDLE INL	USGS-019	BASELINE WELLS	Arsenic	2.3				UG/L	07/26/2005	SW6020		F	DNT-385-05
GWM369012X	MIDDLE INL	USGS-019	BASELINE WELLS	Barium	83.1		B		UG/L	07/26/2005	SW6010B		F	DNT-385-05
GWM36901AV	MIDDLE INL	USGS-019	BASELINE WELLS	Benzene	1		U		UG/L	07/26/2005	SW8260B		F	DMG-154-05
GWM369012X	MIDDLE INL	USGS-019	BASELINE WELLS	Beryllium	0.13		U		UG/L	07/26/2005	SW6020		F	DNT-385-05
GWM36901AN	MIDDLE INL	USGS-019	BASELINE WELLS	Bromide	0.25		U		MG/L	07/26/2005	E300		F	DNT-386-05
GWM36901AV	MIDDLE INL	USGS-019	BASELINE WELLS	Bromodichloromethane	1		U		UG/L	07/26/2005	SW8260B		F	DMG-154-05
GWM36901AV	MIDDLE INL	USGS-019	BASELINE WELLS	Bromoform	2		U		UG/L	07/26/2005	SW8260B		F	DMG-154-05
GWM36901AV	MIDDLE INL	USGS-019	BASELINE WELLS	Bromomethane	1		U		UG/L	07/26/2005	SW8260B		F	DMG-154-05
GWM369012X	MIDDLE INL	USGS-019	BASELINE WELLS	Cadmium	0.067		U		UG/L	07/26/2005	SW6020		F	DNT-385-05
GWM369012X	MIDDLE INL	USGS-019	BASELINE WELLS	Calcium	49000				UG/L	07/26/2005	SW6010B		F	DNT-385-05
GWM36901AV	MIDDLE INL	USGS-019	BASELINE WELLS	Carbon disulfide	5		U		UG/L	07/26/2005	SW8260B		F	DMG-154-05
GWM36901AV	MIDDLE INL	USGS-019	BASELINE WELLS	Carbon tetrachloride	1		U		UG/L	07/26/2005	SW8260B		F	DMG-154-05
GWM36901RH	MIDDLE INL	USGS-019	BASELINE WELLS	Cerium-144	5.80E+00	1.87E+01		U	PCI/L	07/26/2005	GMS	6.82E+01	F	SOS-TL289-05
GWM36901RH	MIDDLE INL	USGS-019	BASELINE WELLS	Cesium-134	2.12E+00	3.27E+00		U	PCI/L	07/26/2005	GMS	1.27E+01	F	SOS-TL289-05
GWM36901RH	MIDDLE INL	USGS-019	BASELINE WELLS	Cesium-137	2.15E+00	2.96E+00		U	PCI/L	07/26/2005	GMS	1.16E+01	F	SOS-TL289-05
GWM36901AN	MIDDLE INL	USGS-019	BASELINE WELLS	Chloride	11.8				MG/L	07/26/2005	E300		F	DNT-386-05
GWM36901AV	MIDDLE INL	USGS-019	BASELINE WELLS	Chlorobenzene	1		U		UG/L	07/26/2005	SW8260B		F	DMG-154-05
GWM36901AV	MIDDLE INL	USGS-019	BASELINE WELLS	Chloroethane	1		U		UG/L	07/26/2005	SW8260B		F	DMG-154-05
GWM36901AV	MIDDLE INL	USGS-019	BASELINE WELLS	Chloroform	1		U		UG/L	07/26/2005	SW8260B		F	DMG-154-05
GWM36901AV	MIDDLE INL	USGS-019	BASELINE WELLS	Chloromethane	5		U		UG/L	07/26/2005	SW8260B		F	DMG-154-05
GWM36901AV	MIDDLE INL	USGS-019	BASELINE WELLS	Chloroprene	5		U		UG/L	07/26/2005	SW8260B		F	DMG-154-05
GWM369012X	MIDDLE INL	USGS-019	BASELINE WELLS	Chromium	3.7		U		UG/L	07/26/2005	SW6020		F	DNT-385-05
GWM36901AV	MIDDLE INL	USGS-019	BASELINE WELLS	cis-1,2-Dichloroethene	1		U		UG/L	07/26/2005	SW8260B		F	DMG-154-05
GWM36901AV	MIDDLE INL	USGS-019	BASELINE WELLS	cis-1,3-Dichloropropene	1		U		UG/L	07/26/2005	SW8260B		F	DMG-154-05
GWM369012X	MIDDLE INL	USGS-019	BASELINE WELLS	Cobalt	2.8		U		UG/L	07/26/2005	SW6010B		F	DNT-385-05
GWM36901RH	MIDDLE INL	USGS-019	BASELINE WELLS	Cobalt-60	5.71E+00	3.04E+00		U	PCI/L	07/26/2005	GMS	1.38E+01	F	SOS-TL289-05
GWM369012X	MIDDLE INL	USGS-019	BASELINE WELLS	Copper	1.1		U		UG/L	07/26/2005	SW6010B		F	DNT-385-05
GWM36901AV	MIDDLE INL	USGS-019	BASELINE WELLS	Dibromochloromethane	1		U		UG/L	07/26/2005	SW8260B		F	DMG-154-05
GWM36901AV	MIDDLE INL	USGS-019	BASELINE WELLS	Dibromomethane	1		U		UG/L	07/26/2005	SW8260B		F	DMG-154-05
GWM36901AV	MIDDLE INL	USGS-019	BASELINE WELLS	Dichlorodifluoromethane	5		U		UG/L	07/26/2005	SW8260B		F	DMG-154-05
GWM36901AV	MIDDLE INL	USGS-019	BASELINE WELLS	Ethylbenzene	1		U		UG/L	07/26/2005	SW8260B		F	DMG-154-05
GWM36901RH	MIDDLE INL	USGS-019	BASELINE WELLS	Europium-152	-5.39E+00	8.95E+00		U	PCI/L	07/26/2005	GMS	3.06E+01	F	SOS-TL289-05
GWM36901RH	MIDDLE INL	USGS-019	BASELINE WELLS	Europium-154	6.11E+00	9.41E+00		U	PCI/L	07/26/2005	GMS	3.81E+01	F	SOS-TL289-05
GWM36901RH	MIDDLE INL	USGS-019	BASELINE WELLS	Europium-155	-3.16E+00	1.03E+01		U	PCI/L	07/26/2005	GMS	3.43E+01	F	SOS-TL289-05
GWM36901AN	MIDDLE INL	USGS-019	BASELINE WELLS	Fluoride	0.096		B		MG/L	07/26/2005	E300		F	DNT-386-05
GWM36901RH	MIDDLE INL	USGS-019	BASELINE WELLS	Gross Alpha	3.70E+00	7.00E-01			PCI/L	07/26/2005	GAB	1.46E+00	F	SOS-TL289-05
GWM36901RH	MIDDLE INL	USGS-019	BASELINE WELLS	Gross Beta	2.89E+00	7.32E-01			PCI/L	07/26/2005	GAB	2.77E+00	F	SOS-TL289-05
GWM36901UX	MIDDLE INL	USGS-019	BASELINE WELLS	Iodine-129	-1.68E-02	1.35E-02		U	PCI/L	07/26/2005	GMS	3.78E-02	F	SOS-TL289-05
GWM369012X	MIDDLE INL	USGS-019	BASELINE WELLS	Iron	58.3		B	U	UG/L	07/26/2005	SW6010B		F	DNT-385-05
GWM36901AV	MIDDLE INL	USGS-019	BASELINE WELLS	Isobutyl alcohol	80		U	R	UG/L	07/26/2005	SW8260B		F	DMG-154-05
GWM369012X	MIDDLE INL	USGS-019	BASELINE WELLS	Lead	2.1		B		UG/L	07/26/2005	SW6010B		F	DNT-385-05
GWM369012X	MIDDLE INL	USGS-019	BASELINE WELLS	Lithium	11.8		B	U	UG/L	07/26/2005	SW6010B		F	DNT-385-05
GWM369012X	MIDDLE INL	USGS-019	BASELINE WELLS	Magnesium	18300				UG/L	07/26/2005	SW6010B		F	DNT-385-05
GWM369012X	MIDDLE INL	USGS-019	BASELINE WELLS	Manganese	2.8		B		UG/L	07/26/2005	SW6020		F	DNT-385-05
GWM36901RH	MIDDLE INL	USGS-019	BASELINE WELLS	Manganese-54	-1.09E+00	2.92E+00		U	PCI/L	07/26/2005	GMS	1.06E+01	F	SOS-TL289-05
GWM369012X	MIDDLE INL	USGS-019	BASELINE WELLS	Mercury	0.1		U		UG/L	07/26/2005	SW7470A		F	DNT-385-05
GWM36901AV	MIDDLE INL	USGS-019	BASELINE WELLS	Methacrylonitrile	5		U		UG/L	07/26/2005	SW8260B		F	DMG-154-05
GWM36901AV	MIDDLE INL	USGS-019	BASELINE WELLS	Methyl iodide	2		U		UG/L	07/26/2005	SW8260B		F	DMG-154-05

Table A-1. (continued).

Field Sample Number	Area	Location	Grid	Compound	Sample Result	Sample Error	Result Qualifier	Validation Flag	Sample Units	Date Sample Collected	Method Code	MDA	Filtered Metal Sample	L&V Report Number
GWM36901AV	MIDDLE INL	USGS-019	BASELINE WELLS	Methyl isobutyl ketone	5		U		UG/L	07/26/2005	SW8260B		F	DMG-154-05
GWM36901AV	MIDDLE INL	USGS-019	BASELINE WELLS	Methylene Chloride	1		U		UG/L	07/26/2005	SW8260B		F	DMG-154-05
GWM36901AV	MIDDLE INL	USGS-019	BASELINE WELLS	Methylmethacrylate	1		U		UG/L	07/26/2005	SW8260B		F	DMG-154-05
GWM369012X	MIDDLE INL	USGS-019	BASELINE WELLS	Molybdenum	3.7		U		UG/L	07/26/2005	SW6010B		F	DNT-385-05
GWM369012X	MIDDLE INL	USGS-019	BASELINE WELLS	Nickel	3.2		U		UG/L	07/26/2005	SW6010B		F	DNT-385-05
GWM36901RH	MIDDLE INL	USGS-019	BASELINE WELLS	Niobium-94	-8.41E-01	2.98E+00		U	PCI/L	07/26/2005	GMS	1.08E+01	F	SOS-TL289-05
GWM36901RH	MIDDLE INL	USGS-019	BASELINE WELLS	Niobium-95	2.84E+00	4.78E+00		U	PCI/L	07/26/2005	GMS	1.63E+01	F	SOS-TL289-05
GWM36901N2	MIDDLE INL	USGS-019	BASELINE WELLS	Nitrate/Nitrite as N	1				MG/L	07/26/2005	E353.1		F	DNT-386-05
GWM369012X	MIDDLE INL	USGS-019	BASELINE WELLS	Potassium	961		U		UG/L	07/26/2005	SW6010B		F	DNT-385-05
GWM36901AV	MIDDLE INL	USGS-019	BASELINE WELLS	Propionitrile	5		U	R	UG/L	07/26/2005	SW8260B		F	DMG-154-05
GWM36901RH	MIDDLE INL	USGS-019	BASELINE WELLS	Ruthenium-106	8.51E+01	3.52E+01		UJ	PCI/L	07/26/2005	GMS	1.14E+02	F	SOS-TL289-05
GWM369012X	MIDDLE INL	USGS-019	BASELINE WELLS	Selenium	2.6		B	U	UG/L	07/26/2005	SW6010B		F	DNT-385-05
GWM369012X	MIDDLE INL	USGS-019	BASELINE WELLS	Silicon	7270				UG/L	07/26/2005	SW6010B		F	DNT-385-05
GWM369012X	MIDDLE INL	USGS-019	BASELINE WELLS	Silver	1.5		U		UG/L	07/26/2005	SW6020		F	DNT-385-05
GWM36901RH	MIDDLE INL	USGS-019	BASELINE WELLS	Silver-108m	-6.22E-03	3.06E+00		U	PCI/L	07/26/2005	GMS	1.08E+01	F	SOS-TL289-05
GWM36901RH	MIDDLE INL	USGS-019	BASELINE WELLS	Silver-110m	5.27E-01	2.81E+00		U	PCI/L	07/26/2005	GMS	1.06E+01	F	SOS-TL289-05
GWM369012X	MIDDLE INL	USGS-019	BASELINE WELLS	Sodium	10800				UG/L	07/26/2005	SW6010B		F	DNT-385-05
GWM369012X	MIDDLE INL	USGS-019	BASELINE WELLS	Strontium	290				UG/L	07/26/2005	SW6010B		F	DNT-385-05
GWM36901RH	MIDDLE INL	USGS-019	BASELINE WELLS	Strontium-90	-1.34E-01	8.68E-02		U	PCI/L	07/26/2005	SRR	5.31E-01	F	SOS-TL289-05
GWM36901AV	MIDDLE INL	USGS-019	BASELINE WELLS	Styrene	1		U		UG/L	07/26/2005	SW8260B		F	DMG-154-05
GWM36901AN	MIDDLE INL	USGS-019	BASELINE WELLS	Sulfate	19.8				MG/L	07/26/2005	E300		F	DNT-386-05
GWM36901RH	MIDDLE INL	USGS-019	BASELINE WELLS	Technetium-99	5.82E-02	2.14E+00		U	PCI/L	07/26/2005	LSC	7.22E+00	F	SOS-TL289-05
GWM36901AV	MIDDLE INL	USGS-019	BASELINE WELLS	Tetrachloroethene	1		U		UG/L	07/26/2005	SW8260B		F	DMG-154-05
GWM369012X	MIDDLE INL	USGS-019	BASELINE WELLS	Thallium	0.22		U		UG/L	07/26/2005	SW6020		F	DNT-385-05
GWM369012X	MIDDLE INL	USGS-019	BASELINE WELLS	Tin	3.9		U		UG/L	07/26/2005	SW6010B		F	DNT-385-05
GWM36901AV	MIDDLE INL	USGS-019	BASELINE WELLS	Toluene	1		U		UG/L	07/26/2005	SW8260B		F	DMG-154-05
GWM36901A1	MIDDLE INL	USGS-019	BASELINE WELLS	Total Alkalinity	153			J	MG/L	07/26/2005	E310.1		F	DNT-386-05
GWM36901AV	MIDDLE INL	USGS-019	BASELINE WELLS	trans-1,2-Dichloroethene	1		U		UG/L	07/26/2005	SW8260B		F	DMG-154-05
GWM36901AV	MIDDLE INL	USGS-019	BASELINE WELLS	trans-1,3-Dichloropropene	1		U		UG/L	07/26/2005	SW8260B		F	DMG-154-05
GWM36901AV	MIDDLE INL	USGS-019	BASELINE WELLS	trans-1,4-Dichloro-2-butene	5		U		UG/L	07/26/2005	SW8260B		F	DMG-154-05
GWM36901AV	MIDDLE INL	USGS-019	BASELINE WELLS	Trichloroethene	1		U		UG/L	07/26/2005	SW8260B		F	DMG-154-05
GWM36901AV	MIDDLE INL	USGS-019	BASELINE WELLS	Trichlorofluoromethane	1		U		UG/L	07/26/2005	SW8260B		F	DMG-154-05
GWM36901R8	MIDDLE INL	USGS-019	BASELINE WELLS	Tritium	5.79E+01	1.21E+02		U	PCI/L	07/26/2005	LSC	4.06E+02	F	SOS-TL247-05
GWM369012X	MIDDLE INL	USGS-019	BASELINE WELLS	Uranium	1.7		B		UG/L	07/26/2005	SW6020		F	DNT-385-05
GWM36901RH	MIDDLE INL	USGS-019	BASELINE WELLS	Uranium-233/234	1.77E+00	3.28E-01			PCI/L	07/26/2005	ALS	3.29E-01	F	SOS-TL289-05
GWM36901RH	MIDDLE INL	USGS-019	BASELINE WELLS	Uranium-235	1.15E-01	9.41E-02		U	PCI/L	07/26/2005	ALS	3.45E-01	F	SOS-TL289-05
GWM36901RH	MIDDLE INL	USGS-019	BASELINE WELLS	Uranium-238	6.35E-01	1.87E-01			PCI/L	07/26/2005	ALS	1.59E-01	F	SOS-TL289-05
GWM369012X	MIDDLE INL	USGS-019	BASELINE WELLS	Vanadium	2.5		U		UG/L	07/26/2005	SW6010B		F	DNT-385-05
GWM36901AV	MIDDLE INL	USGS-019	BASELINE WELLS	Vinyl Acetate	2		U		UG/L	07/26/2005	SW8260B		F	DMG-154-05
GWM36901AV	MIDDLE INL	USGS-019	BASELINE WELLS	Vinyl Chloride	1		U		UG/L	07/26/2005	SW8260B		F	DMG-154-05
GWM36901AV	MIDDLE INL	USGS-019	BASELINE WELLS	Xylene (Total)	3		U		UG/L	07/26/2005	SW8260B		F	DMG-154-05
GWM369012X	MIDDLE INL	USGS-019	BASELINE WELLS	Zinc	4.4		B	U	UG/L	07/26/2005	SW6010B		F	DNT-385-05
GWM36901RH	MIDDLE INL	USGS-019	BASELINE WELLS	Zinc-65	2.20E+00	6.37E+00		U	PCI/L	07/26/2005	GMS	2.53E+01	F	SOS-TL289-05
GWM37101AV	TAN	USGS-026	BASELINE WELLS	1,1,1,2-Tetrachloroethane	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37101AV	TAN	USGS-026	BASELINE WELLS	1,1,1-Trichloroethane	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37101AV	TAN	USGS-026	BASELINE WELLS	1,1,2,2-Tetrachloroethane	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37101AV	TAN	USGS-026	BASELINE WELLS	1,1,2-Trichloroethane	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37101AV	TAN	USGS-026	BASELINE WELLS	1,1-Dichloroethane	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37101AV	TAN	USGS-026	BASELINE WELLS	1,1-Dichloroethene	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37101AV	TAN	USGS-026	BASELINE WELLS	1,2,3-Trichloropropane	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37101AV	TAN	USGS-026	BASELINE WELLS	1,2-Dibromo-3-chloropropane	5		U	R	UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37101AV	TAN	USGS-026	BASELINE WELLS	1,2-Dibromoethane	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37101AV	TAN	USGS-026	BASELINE WELLS	1,2-Dichloroethane	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37101AV	TAN	USGS-026	BASELINE WELLS	1,2-Dichloropropane	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37101AV	TAN	USGS-026	BASELINE WELLS	1,4-Dioxane	80		U	R	UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37101AV	TAN	USGS-026	BASELINE WELLS	2-Butanone	10		U	R	UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37101AV	TAN	USGS-026	BASELINE WELLS	2-Hexanone	5		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05

Table A-1. (continued).

Field Sample Number	Area	Location	Grid	Compound	Sample Result	Sample Error	Result Qualifier	Validation Flag	Sample Units	Date Sample Collected	Method Code	MDA	Filtered Metal Sample	L&V Report Number
GWM37101AV	TAN	USGS-026	BASELINE WELLS	Acetone	10		U	R	UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37101AV	TAN	USGS-026	BASELINE WELLS	Acetonitrile	20		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37101AV	TAN	USGS-026	BASELINE WELLS	Acrolein	5		U	R	UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37101AV	TAN	USGS-026	BASELINE WELLS	Acrylonitrile	1		U	R	UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37101AV	TAN	USGS-026	BASELINE WELLS	Allyl chloride	5		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM371012X	TAN	USGS-026	BASELINE WELLS	Aluminum	22.1		U		UG/L	07/18/2005	SW6010B		F	DNT-373-05
GWM37101RH	TAN	USGS-026	BASELINE WELLS	Americium-241	-2.18E+00	2.14E+01		U	PCI/L	07/18/2005	GMS	7.02E+01	F	SOS-TL234-05
GWM371012X	TAN	USGS-026	BASELINE WELLS	Antimony	0.61		U		UG/L	07/18/2005	SW6020		F	DNT-373-05
GWM37101RH	TAN	USGS-026	BASELINE WELLS	Antimony-125	-3.34E+00	5.87E+00		U	PCI/L	07/18/2005	GMS	2.11E+01	F	SOS-TL234-05
GWM371012X	TAN	USGS-026	BASELINE WELLS	Arsenic	3.3				UG/L	07/18/2005	SW6020		F	DNT-373-05
GWM371012X	TAN	USGS-026	BASELINE WELLS	Barium	41.2		B		UG/L	07/18/2005	SW6010B		F	DNT-373-05
GWM37101AV	TAN	USGS-026	BASELINE WELLS	Benzene	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM371012X	TAN	USGS-026	BASELINE WELLS	Beryllium	0.13		U		UG/L	07/18/2005	SW6020		F	DNT-373-05
GWM37101AN	TAN	USGS-026	BASELINE WELLS	Bromide	0.25		U		MG/L	07/18/2005	E300		F	DNT-369-05
GWM37101AV	TAN	USGS-026	BASELINE WELLS	Bromodichloromethane	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37101AV	TAN	USGS-026	BASELINE WELLS	Bromoform	2		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37101AV	TAN	USGS-026	BASELINE WELLS	Bromomethane	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM371012X	TAN	USGS-026	BASELINE WELLS	Cadmium	0.067		U		UG/L	07/18/2005	SW6020		F	DNT-373-05
GWM371012X	TAN	USGS-026	BASELINE WELLS	Calcium	43600				UG/L	07/18/2005	SW6010B		F	DNT-373-05
GWM37101AV	TAN	USGS-026	BASELINE WELLS	Carbon disulfide	5		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37101AV	TAN	USGS-026	BASELINE WELLS	Carbon tetrachloride	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37101RH	TAN	USGS-026	BASELINE WELLS	Cerium-144	1.32E+00	1.67E+01		U	PCI/L	07/18/2005	GMS	5.91E+01	F	SOS-TL234-05
GWM37101RH	TAN	USGS-026	BASELINE WELLS	Cesium-134	-2.24E+00	1.72E+00		U	PCI/L	07/18/2005	GMS	6.01E+00	F	SOS-TL234-05
GWM37101RH	TAN	USGS-026	BASELINE WELLS	Cesium-137	1.29E+00	8.26E+00		U	PCI/L	07/18/2005	GMS	9.51E+00	F	SOS-TL234-05
GWM37101AN	TAN	USGS-026	BASELINE WELLS	Chloride	13.9				MG/L	07/18/2005	E300		F	DNT-369-05
GWM37101AV	TAN	USGS-026	BASELINE WELLS	Chlorobenzene	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37101AV	TAN	USGS-026	BASELINE WELLS	Chloroethane	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37101AV	TAN	USGS-026	BASELINE WELLS	Chloroform	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37101AV	TAN	USGS-026	BASELINE WELLS	Chloromethane	5		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37101AV	TAN	USGS-026	BASELINE WELLS	Chloroprene	5		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM371012X	TAN	USGS-026	BASELINE WELLS	Chromium	3.7		U		UG/L	07/18/2005	SW6020		F	DNT-373-05
GWM37101AV	TAN	USGS-026	BASELINE WELLS	cis-1,2-Dichloroethene	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37101AV	TAN	USGS-026	BASELINE WELLS	cis-1,3-Dichloropropene	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM371012X	TAN	USGS-026	BASELINE WELLS	Cobalt	2.8		U		UG/L	07/18/2005	SW6010B		F	DNT-373-05
GWM37101RH	TAN	USGS-026	BASELINE WELLS	Cobalt-60	-2.08E+00	1.50E+00		U	PCI/L	07/18/2005	GMS	4.67E+00	F	SOS-TL234-05
GWM371012X	TAN	USGS-026	BASELINE WELLS	Copper	1.1		U		UG/L	07/18/2005	SW6010B		F	DNT-373-05
GWM37101AV	TAN	USGS-026	BASELINE WELLS	Dibromochloromethane	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37101AV	TAN	USGS-026	BASELINE WELLS	Dibromomethane	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37101AV	TAN	USGS-026	BASELINE WELLS	Dichlorodifluoromethane	5		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37101AV	TAN	USGS-026	BASELINE WELLS	Ethylbenzene	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37101RH	TAN	USGS-026	BASELINE WELLS	Europium-152	-1.38E+00	5.82E+00		U	PCI/L	07/18/2005	GMS	2.17E+01	F	SOS-TL234-05
GWM37101RH	TAN	USGS-026	BASELINE WELLS	Europium-154	1.39E-01	5.39E+00		U	PCI/L	07/18/2005	GMS	1.99E+01	F	SOS-TL234-05
GWM37101RH	TAN	USGS-026	BASELINE WELLS	Europium-155	5.74E+00	7.61E+00		U	PCI/L	07/18/2005	GMS	2.86E+01	F	SOS-TL234-05
GWM37101AN	TAN	USGS-026	BASELINE WELLS	Fluoride	0.4				MG/L	07/18/2005	E300		F	DNT-369-05
GWM37101RH	TAN	USGS-026	BASELINE WELLS	Gross Alpha	2.88E+00	1.10E+00		UJ	PCI/L	07/18/2005	GAB	3.50E+00	F	SOS-TL234-05
GWM37101RH	TAN	USGS-026	BASELINE WELLS	Gross Beta	5.25E+00	1.33E+00		J	PCI/L	07/18/2005	GAB	4.94E+00	F	SOS-TL234-05
GWM37101UX	TAN	USGS-026	BASELINE WELLS	Iodine-129	-3.26E-02	2.75E-02		U	PCI/L	07/18/2005	GMS	9.27E-02	F	SOS-TL239-05
GWM371012X	TAN	USGS-026	BASELINE WELLS	Iron	28.7		B	U	UG/L	07/18/2005	SW6010B		F	DNT-373-05
GWM37101AV	TAN	USGS-026	BASELINE WELLS	Isobutyl alcohol	80		U	R	UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM371012X	TAN	USGS-026	BASELINE WELLS	Lead	1.1		U		UG/L	07/18/2005	SW6010B		F	DNT-373-05
GWM371012X	TAN	USGS-026	BASELINE WELLS	Lithium	19.7		B	U	UG/L	07/18/2005	SW6010B		F	DNT-373-05
GWM371012X	TAN	USGS-026	BASELINE WELLS	Magnesium	15100				UG/L	07/18/2005	SW6010B		F	DNT-373-05
GWM371012X	TAN	USGS-026	BASELINE WELLS	Manganese	0.68		B		UG/L	07/18/2005	SW6020		F	DNT-373-05
GWM37101RH	TAN	USGS-026	BASELINE WELLS	Manganese-54	2.82E+00	1.57E+00		U	PCI/L	07/18/2005	GMS	7.64E+00	F	SOS-TL234-05
GWM371012X	TAN	USGS-026	BASELINE WELLS	Mercury	0.1		U		UG/L	07/18/2005	SW7470A		F	DNT-373-05
GWM37101AV	TAN	USGS-026	BASELINE WELLS	Methacrylonitrile	5		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37101AV	TAN	USGS-026	BASELINE WELLS	Methyl iodide	2		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05

Table A-1. (continued).

Field Sample Number	Area	Location	Grid	Compound	Sample Result	Sample Error	Result Qualifier	Validation Flag	Sample Units	Date Sample Collected	Method Code	MDA	Filtered Metal Sample	L&V Report Number
GWM37101AV	TAN	USGS-026	BASELINE WELLS	Methyl isobutyl ketone	5		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37101AV	TAN	USGS-026	BASELINE WELLS	Methylene Chloride	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37101AV	TAN	USGS-026	BASELINE WELLS	Methylmethacrylate	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM371012X	TAN	USGS-026	BASELINE WELLS	Molybdenum	3.7		U		UG/L	07/18/2005	SW6010B		F	DNT-373-05
GWM371012X	TAN	USGS-026	BASELINE WELLS	Nickel	3.2		U		UG/L	07/18/2005	SW6010B		F	DNT-373-05
GWM37101RH	TAN	USGS-026	BASELINE WELLS	Niobium-94	-3.35E-01	2.04E+00		U	PCI/L	07/18/2005	GMS	7.47E+00	F	SOS-TL234-05
GWM37101RH	TAN	USGS-026	BASELINE WELLS	Niobium-95	1.23E+00	3.07E+00		U	PCI/L	07/18/2005	GMS	1.24E+01	F	SOS-TL234-05
GWM37101N2	TAN	USGS-026	BASELINE WELLS	Nitrate/Nitrite as N	1.1				MG/L	07/18/2005	E353.1		F	DNT-369-05
GWM371012X	TAN	USGS-026	BASELINE WELLS	Potassium	4010		B		UG/L	07/18/2005	SW6010B		F	DNT-373-05
GWM37101AV	TAN	USGS-026	BASELINE WELLS	Propionitrile	5		U	R	UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37101RH	TAN	USGS-026	BASELINE WELLS	Ruthenium-106	-1.79E+01	1.81E+01		U	PCI/L	07/18/2005	GMS	6.15E+01	F	SOS-TL234-05
GWM371012X	TAN	USGS-026	BASELINE WELLS	Selenium	2		U		UG/L	07/18/2005	SW6010B		F	DNT-373-05
GWM371012X	TAN	USGS-026	BASELINE WELLS	Silicon	16400		N		UG/L	07/18/2005	SW6010B		F	DNT-373-05
GWM371012X	TAN	USGS-026	BASELINE WELLS	Silver	1.5		U		UG/L	07/18/2005	SW6020		F	DNT-373-05
GWM37101RH	TAN	USGS-026	BASELINE WELLS	Silver-108m	-8.64E-01	1.88E+00		U	PCI/L	07/18/2005	GMS	6.89E+00	F	SOS-TL234-05
GWM37101RH	TAN	USGS-026	BASELINE WELLS	Silver-110m	8.92E-02	2.44E+00		U	PCI/L	07/18/2005	GMS	8.01E+00	F	SOS-TL234-05
GWM371012X	TAN	USGS-026	BASELINE WELLS	Sodium	16600				UG/L	07/18/2005	SW6010B		F	DNT-373-05
GWM371012X	TAN	USGS-026	BASELINE WELLS	Strontium	211				UG/L	07/18/2005	SW6010B		F	DNT-373-05
GWM37101RH	TAN	USGS-026	BASELINE WELLS	Strontium-90	1.28E-01	1.47E-01		U	PCI/L	07/18/2005	GFP	6.46E-01	F	SOS-TL234-05
GWM37101AV	TAN	USGS-026	BASELINE WELLS	Styrene	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37101AN	TAN	USGS-026	BASELINE WELLS	Sulfate	27.3				MG/L	07/18/2005	E300		F	DNT-369-05
GWM37101RH	TAN	USGS-026	BASELINE WELLS	Technetium-99	3.60E+00	2.21E+00		U	PCI/L	07/18/2005	LSC	7.25E+00	F	SOS-TL234-05
GWM37101AV	TAN	USGS-026	BASELINE WELLS	Tetrachloroethene	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM371012X	TAN	USGS-026	BASELINE WELLS	Thallium	0.32		B	U	UG/L	07/18/2005	SW6020		F	DNT-373-05
GWM371012X	TAN	USGS-026	BASELINE WELLS	Tin	3.9		U		UG/L	07/18/2005	SW6010B		F	DNT-373-05
GWM37101AV	TAN	USGS-026	BASELINE WELLS	Toluene	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37101A1	TAN	USGS-026	BASELINE WELLS	Total Alkalinity	138				MG/L	07/18/2005	E310.1		F	DNT-369-05
GWM37101AV	TAN	USGS-026	BASELINE WELLS	trans-1,2-Dichloroethene	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37101AV	TAN	USGS-026	BASELINE WELLS	trans-1,3-Dichloropropene	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37101AV	TAN	USGS-026	BASELINE WELLS	trans-1,4-Dichloro-2-butene	5		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37101AV	TAN	USGS-026	BASELINE WELLS	Trichloroethene	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37101AV	TAN	USGS-026	BASELINE WELLS	Trichlorofluoromethane	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37101R8	TAN	USGS-026	BASELINE WELLS	Tritium	-1.58E+02	1.16E+02		U	PCI/L	07/18/2005	LSC	4.02E+02	F	SOS-TL247-05
GWM371012X	TAN	USGS-026	BASELINE WELLS	Uranium	2.5		B		UG/L	07/18/2005	SW6020		F	DNT-373-05
GWM37101RH	TAN	USGS-026	BASELINE WELLS	Uranium-233/234	2.25E+00	2.89E-01			PCI/L	07/18/2005	ALS	1.92E-01	F	SOS-TL234-05
GWM37101RH	TAN	USGS-026	BASELINE WELLS	Uranium-235	1.21E-01	6.99E-02		U	PCI/L	07/18/2005	ALS	2.13E-01	F	SOS-TL234-05
GWM37101RH	TAN	USGS-026	BASELINE WELLS	Uranium-238	8.32E-01	1.64E-01			PCI/L	07/18/2005	ALS	2.09E-01	F	SOS-TL234-05
GWM371012X	TAN	USGS-026	BASELINE WELLS	Vanadium	4.1		B		UG/L	07/18/2005	SW6010B		F	DNT-373-05
GWM37101AV	TAN	USGS-026	BASELINE WELLS	Vinyl Acetate	2		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37101AV	TAN	USGS-026	BASELINE WELLS	Vinyl Chloride	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37101AV	TAN	USGS-026	BASELINE WELLS	Xylene (Total)	3		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM371012X	TAN	USGS-026	BASELINE WELLS	Zinc	2.8		B	U	UG/L	07/18/2005	SW6010B		F	DNT-373-05
GWM37101RH	TAN	USGS-026	BASELINE WELLS	Zinc-65	-5.01E-02	2.83E+00		U	PCI/L	07/18/2005	GMS	1.23E+01	F	SOS-TL234-05
GWM37201AV	NORTH INL	USGS-027	BASELINE WELLS	1,1,1,2-Tetrachloroethane	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37202AV	NORTH INL	USGS-027	BASELINE WELLS	1,1,1,2-Tetrachloroethane	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37201AV	NORTH INL	USGS-027	BASELINE WELLS	1,1,1-Trichloroethane	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37202AV	NORTH INL	USGS-027	BASELINE WELLS	1,1,1-Trichloroethane	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37201AV	NORTH INL	USGS-027	BASELINE WELLS	1,1,2,2-Tetrachloroethane	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37202AV	NORTH INL	USGS-027	BASELINE WELLS	1,1,2,2-Tetrachloroethane	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37201AV	NORTH INL	USGS-027	BASELINE WELLS	1,1,2-Trichloroethane	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37202AV	NORTH INL	USGS-027	BASELINE WELLS	1,1,2-Trichloroethane	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37201AV	NORTH INL	USGS-027	BASELINE WELLS	1,1-Dichloroethane	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37202AV	NORTH INL	USGS-027	BASELINE WELLS	1,1-Dichloroethane	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37201AV	NORTH INL	USGS-027	BASELINE WELLS	1,1-Dichloroethene	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37202AV	NORTH INL	USGS-027	BASELINE WELLS	1,1-Dichloroethene	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37201AV	NORTH INL	USGS-027	BASELINE WELLS	1,2,3-Trichloropropane	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37202AV	NORTH INL	USGS-027	BASELINE WELLS	1,2,3-Trichloropropane	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05

Table A-1. (continued).

Field Sample Number	Area	Location	Grid	Compound	Sample Result	Sample Error	Result Qualifier	Validation Flag	Sample Units	Date Sample Collected	Method Code	MDA	Filtered Metal Sample	L&V Report Number
GWM37201AV	NORTH INL	USGS-027	BASELINE WELLS	1,2-Dibromo-3-chloropropane	5		U	R	UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37202AV	NORTH INL	USGS-027	BASELINE WELLS	1,2-Dibromo-3-chloropropane	5		U	R	UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37201AV	NORTH INL	USGS-027	BASELINE WELLS	1,2-Dibromoethane	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37202AV	NORTH INL	USGS-027	BASELINE WELLS	1,2-Dibromoethane	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37201AV	NORTH INL	USGS-027	BASELINE WELLS	1,2-Dichloroethane	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37202AV	NORTH INL	USGS-027	BASELINE WELLS	1,2-Dichloroethane	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37201AV	NORTH INL	USGS-027	BASELINE WELLS	1,2-Dichloropropane	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37202AV	NORTH INL	USGS-027	BASELINE WELLS	1,2-Dichloropropane	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37201AV	NORTH INL	USGS-027	BASELINE WELLS	1,4-Dioxane	80		U	R	UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37202AV	NORTH INL	USGS-027	BASELINE WELLS	1,4-Dioxane	80		U	R	UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37201AV	NORTH INL	USGS-027	BASELINE WELLS	2-Butanone	10		U	R	UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37202AV	NORTH INL	USGS-027	BASELINE WELLS	2-Butanone	10		U	R	UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37201AV	NORTH INL	USGS-027	BASELINE WELLS	2-Hexanone	5		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37202AV	NORTH INL	USGS-027	BASELINE WELLS	2-Hexanone	5		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37201AV	NORTH INL	USGS-027	BASELINE WELLS	Acetone	10			R	UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37202AV	NORTH INL	USGS-027	BASELINE WELLS	Acetone	10		U	R	UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37201AV	NORTH INL	USGS-027	BASELINE WELLS	Acetonitrile	20		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37202AV	NORTH INL	USGS-027	BASELINE WELLS	Acetonitrile	20		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37201AV	NORTH INL	USGS-027	BASELINE WELLS	Acrolein	5		U	R	UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37202AV	NORTH INL	USGS-027	BASELINE WELLS	Acrolein	5		U	R	UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37201AV	NORTH INL	USGS-027	BASELINE WELLS	Acrylonitrile	1		U	R	UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37202AV	NORTH INL	USGS-027	BASELINE WELLS	Acrylonitrile	1		U	R	UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37201AV	NORTH INL	USGS-027	BASELINE WELLS	Allyl chloride	5		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37202AV	NORTH INL	USGS-027	BASELINE WELLS	Allyl chloride	5		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM372012X	NORTH INL	USGS-027	BASELINE WELLS	Aluminum	22.1		U		UG/L	07/18/2005	SW6010B		F	DNT-373-05
GWM372022X	NORTH INL	USGS-027	BASELINE WELLS	Aluminum	22.1		U		UG/L	07/18/2005	SW6010B		F	DNT-373-05
GWM37201RH	NORTH INL	USGS-027	BASELINE WELLS	Americium-241	1.38E+01	1.19E+01		U	PCI/L	07/18/2005	GMS	4.00E+01	F	SOS-TL234-05
GWM37202RH	NORTH INL	USGS-027	BASELINE WELLS	Americium-241	1.65E+01	1.31E+01		U	PCI/L	07/18/2005	GMS	4.94E+01	F	SOS-TL234-05
GWM372012X	NORTH INL	USGS-027	BASELINE WELLS	Antimony	0.61		U		UG/L	07/18/2005	SW6020		F	DNT-373-05
GWM372022X	NORTH INL	USGS-027	BASELINE WELLS	Antimony	9.1		B		UG/L	07/18/2005	SW6020		F	DNT-373-05
GWM37201RH	NORTH INL	USGS-027	BASELINE WELLS	Antimony-125	-9.48E+00	6.68E+00		U	PCI/L	07/18/2005	GMS	2.21E+01	F	SOS-TL234-05
GWM37202RH	NORTH INL	USGS-027	BASELINE WELLS	Antimony-125	4.71E+00	4.28E+00		U	PCI/L	07/18/2005	GMS	1.64E+01	F	SOS-TL234-05
GWM372012X	NORTH INL	USGS-027	BASELINE WELLS	Arsenic	3.5				UG/L	07/18/2005	SW6020		F	DNT-373-05
GWM372022X	NORTH INL	USGS-027	BASELINE WELLS	Arsenic	3.7				UG/L	07/18/2005	SW6020		F	DNT-373-05
GWM372012X	NORTH INL	USGS-027	BASELINE WELLS	Barium	37.2		B		UG/L	07/18/2005	SW6010B		F	DNT-373-05
GWM372022X	NORTH INL	USGS-027	BASELINE WELLS	Barium	86.4		B		UG/L	07/18/2005	SW6010B		F	DNT-373-05
GWM37201AV	NORTH INL	USGS-027	BASELINE WELLS	Benzene	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37202AV	NORTH INL	USGS-027	BASELINE WELLS	Benzene	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM372012X	NORTH INL	USGS-027	BASELINE WELLS	Beryllium	0.13		U		UG/L	07/18/2005	SW6020		F	DNT-373-05
GWM372022X	NORTH INL	USGS-027	BASELINE WELLS	Beryllium	0.13		U		UG/L	07/18/2005	SW6020		F	DNT-373-05
GWM37201AN	NORTH INL	USGS-027	BASELINE WELLS	Bromide	0.25		U		MG/L	07/18/2005	E300		F	DNT-369-05
GWM37202AN	NORTH INL	USGS-027	BASELINE WELLS	Bromide	0.35				MG/L	07/18/2005	E300		F	DNT-369-05
GWM37201AV	NORTH INL	USGS-027	BASELINE WELLS	Bromodichloromethane	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37202AV	NORTH INL	USGS-027	BASELINE WELLS	Bromodichloromethane	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37201AV	NORTH INL	USGS-027	BASELINE WELLS	Bromoform	2		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37202AV	NORTH INL	USGS-027	BASELINE WELLS	Bromoform	2		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37201AV	NORTH INL	USGS-027	BASELINE WELLS	Bromomethane	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37202AV	NORTH INL	USGS-027	BASELINE WELLS	Bromomethane	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM372012X	NORTH INL	USGS-027	BASELINE WELLS	Cadmium	0.067		U		UG/L	07/18/2005	SW6020		F	DNT-373-05
GWM372022X	NORTH INL	USGS-027	BASELINE WELLS	Cadmium	0.067		U		UG/L	07/18/2005	SW6020		F	DNT-373-05
GWM372012X	NORTH INL	USGS-027	BASELINE WELLS	Calcium	39400				UG/L	07/18/2005	SW6010B		F	DNT-373-05
GWM372022X	NORTH INL	USGS-027	BASELINE WELLS	Calcium	54400				UG/L	07/18/2005	SW6010B		F	DNT-373-05
GWM37201AV	NORTH INL	USGS-027	BASELINE WELLS	Carbon disulfide	5		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37202AV	NORTH INL	USGS-027	BASELINE WELLS	Carbon disulfide	5		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37201AV	NORTH INL	USGS-027	BASELINE WELLS	Carbon tetrachloride	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37202AV	NORTH INL	USGS-027	BASELINE WELLS	Carbon tetrachloride	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37201RH	NORTH INL	USGS-027	BASELINE WELLS	Cerium-144	-2.28E+01	1.94E+01		U	PCI/L	07/18/2005	GMS	6.25E+01	F	SOS-TL234-05

Table A-1. (continued).

Field Sample Number	Area	Location	Grid	Compound	Sample Result	Sample Error	Result Qualifier	Validation Flag	Sample Units	Date Sample Collected	Method Code	MDA	Filtered Metal Sample	L&V Report Number
GWM37202RH	NORTH INL	USGS-027	BASELINE WELLS	Cerium-144	2.87E+00	1.07E+01		U	PCI/L	07/18/2005	GMS	3.73E+01	F	SOS-TL234-05
GWM37201RH	NORTH INL	USGS-027	BASELINE WELLS	Cesium-134	4.70E+00	3.16E+00		U	PCI/L	07/18/2005	GMS	1.39E+01	F	SOS-TL234-05
GWM37202RH	NORTH INL	USGS-027	BASELINE WELLS	Cesium-134	1.08E+00	1.59E+00		U	PCI/L	07/18/2005	GMS	5.70E+00	F	SOS-TL234-05
GWM37201RH	NORTH INL	USGS-027	BASELINE WELLS	Cesium-137	2.21E+00	5.17E+00		U	PCI/L	07/18/2005	GMS	9.13E+00	F	SOS-TL234-05
GWM37202RH	NORTH INL	USGS-027	BASELINE WELLS	Cesium-137	1.96E+00	3.25E+00		U	PCI/L	07/18/2005	GMS	5.28E+00	F	SOS-TL234-05
GWM37201AN	NORTH INL	USGS-027	BASELINE WELLS	Chloride	52.2				MG/L	07/18/2005	E300		F	DNT-369-05
GWM37202AN	NORTH INL	USGS-027	BASELINE WELLS	Chloride	52.4				MG/L	07/18/2005	E300		F	DNT-369-05
GWM37201AV	NORTH INL	USGS-027	BASELINE WELLS	Chlorobenzene	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37202AV	NORTH INL	USGS-027	BASELINE WELLS	Chlorobenzene	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37201AV	NORTH INL	USGS-027	BASELINE WELLS	Chloroethane	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37202AV	NORTH INL	USGS-027	BASELINE WELLS	Chloroethane	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37201AV	NORTH INL	USGS-027	BASELINE WELLS	Chloroform	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37202AV	NORTH INL	USGS-027	BASELINE WELLS	Chloroform	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37201AV	NORTH INL	USGS-027	BASELINE WELLS	Chloromethane	5		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37202AV	NORTH INL	USGS-027	BASELINE WELLS	Chloromethane	5		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37201AV	NORTH INL	USGS-027	BASELINE WELLS	Chloroprene	5		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37202AV	NORTH INL	USGS-027	BASELINE WELLS	Chloroprene	5		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM372012X	NORTH INL	USGS-027	BASELINE WELLS	Chromium	3.7		U		UG/L	07/18/2005	SW6020		F	DNT-373-05
GWM372022X	NORTH INL	USGS-027	BASELINE WELLS	Chromium	3.7		U		UG/L	07/18/2005	SW6020		F	DNT-373-05
GWM37201AV	NORTH INL	USGS-027	BASELINE WELLS	cis-1,2-Dichloroethene	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37202AV	NORTH INL	USGS-027	BASELINE WELLS	cis-1,2-Dichloroethene	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37201AV	NORTH INL	USGS-027	BASELINE WELLS	cis-1,3-Dichloropropene	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37202AV	NORTH INL	USGS-027	BASELINE WELLS	cis-1,3-Dichloropropene	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM372012X	NORTH INL	USGS-027	BASELINE WELLS	Cobalt	2.8		U		UG/L	07/18/2005	SW6010B		F	DNT-373-05
GWM372022X	NORTH INL	USGS-027	BASELINE WELLS	Cobalt	2.8		U		UG/L	07/18/2005	SW6010B		F	DNT-373-05
GWM37201RH	NORTH INL	USGS-027	BASELINE WELLS	Cobalt-60	-3.67E+00	2.79E+00		U	PCI/L	07/18/2005	GMS	9.26E+00	F	SOS-TL234-05
GWM37202RH	NORTH INL	USGS-027	BASELINE WELLS	Cobalt-60	5.04E-01	1.40E+00		U	PCI/L	07/18/2005	GMS	5.56E+00	F	SOS-TL234-05
GWM372012X	NORTH INL	USGS-027	BASELINE WELLS	Copper	1.1		B		UG/L	07/18/2005	SW6010B		F	DNT-373-05
GWM372022X	NORTH INL	USGS-027	BASELINE WELLS	Copper	1.1		U		UG/L	07/18/2005	SW6010B		F	DNT-373-05
GWM37201AV	NORTH INL	USGS-027	BASELINE WELLS	Dibromochloromethane	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37202AV	NORTH INL	USGS-027	BASELINE WELLS	Dibromochloromethane	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37201AV	NORTH INL	USGS-027	BASELINE WELLS	Dibromomethane	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37202AV	NORTH INL	USGS-027	BASELINE WELLS	Dibromomethane	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37201AV	NORTH INL	USGS-027	BASELINE WELLS	Dichlorodifluoromethane	5		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37202AV	NORTH INL	USGS-027	BASELINE WELLS	Dichlorodifluoromethane	5		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37201AV	NORTH INL	USGS-027	BASELINE WELLS	Ethylbenzene	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37202AV	NORTH INL	USGS-027	BASELINE WELLS	Ethylbenzene	1		U		UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37201RH	NORTH INL	USGS-027	BASELINE WELLS	Europium-152	1.27E+00	7.09E+00		U	PCI/L	07/18/2005	GMS	2.66E+01	F	SOS-TL234-05
GWM37202RH	NORTH INL	USGS-027	BASELINE WELLS	Europium-152	8.19E-01	4.64E+00		U	PCI/L	07/18/2005	GMS	1.70E+01	F	SOS-TL234-05
GWM37201RH	NORTH INL	USGS-027	BASELINE WELLS	Europium-154	6.80E-01	5.18E+00		U	PCI/L	07/18/2005	GMS	2.17E+01	F	SOS-TL234-05
GWM37202RH	NORTH INL	USGS-027	BASELINE WELLS	Europium-154	2.49E+00	4.64E+00		U	PCI/L	07/18/2005	GMS	1.82E+01	F	SOS-TL234-05
GWM37201RH	NORTH INL	USGS-027	BASELINE WELLS	Europium-155	-4.79E+00	9.45E+00		U	PCI/L	07/18/2005	GMS	3.19E+01	F	SOS-TL234-05
GWM37202RH	NORTH INL	USGS-027	BASELINE WELLS	Europium-155	7.17E+00	6.48E+00		U	PCI/L	07/18/2005	GMS	2.33E+01	F	SOS-TL234-05
GWM37201AN	NORTH INL	USGS-027	BASELINE WELLS	Fluoride	0.53				MG/L	07/18/2005	E300		F	DNT-369-05
GWM37202AN	NORTH INL	USGS-027	BASELINE WELLS	Fluoride	0.57				MG/L	07/18/2005	E300		F	DNT-369-05
GWM37201RH	NORTH INL	USGS-027	BASELINE WELLS	Gross Alpha	3.70E+00	8.27E-01			PCI/L	07/18/2005	GAB	2.21E+00	F	SOS-TL234-05
GWM37202RH	NORTH INL	USGS-027	BASELINE WELLS	Gross Alpha	5.78E+00	9.20E-01			PCI/L	07/18/2005	GAB	1.44E+00	F	SOS-TL234-05
GWM37201RH	NORTH INL	USGS-027	BASELINE WELLS	Gross Beta	7.89E+00	1.05E+00		J	PCI/L	07/18/2005	GAB	3.45E+00	F	SOS-TL234-05
GWM37202RH	NORTH INL	USGS-027	BASELINE WELLS	Gross Beta	1.28E+01	1.15E+00		J	PCI/L	07/18/2005	GAB	3.19E+00	F	SOS-TL234-05
GWM37201UX	NORTH INL	USGS-027	BASELINE WELLS	Iodine-129	3.43E-03	1.10E-02		U	PCI/L	07/18/2005	GMS	3.89E-02	F	SOS-TL237-05
GWM37202UX	NORTH INL	USGS-027	BASELINE WELLS	Iodine-129	8.36E-03	4.81E-02		U	PCI/L	07/18/2005	GMS	8.25E-02	F	SOS-TL237-05
GWM372012X	NORTH INL	USGS-027	BASELINE WELLS	Iron	32.8		B	U	UG/L	07/18/2005	SW6010B		F	DNT-373-05
GWM372022X	NORTH INL	USGS-027	BASELINE WELLS	Iron	32.1		B	U	UG/L	07/18/2005	SW6010B		F	DNT-373-05
GWM37201AV	NORTH INL	USGS-027	BASELINE WELLS	Isobutyl alcohol	80		U	R	UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM37202AV	NORTH INL	USGS-027	BASELINE WELLS	Isobutyl alcohol	80		U	R	UG/L	07/18/2005	SW8260B		F	DMG-151-05
GWM372012X	NORTH INL	USGS-027	BASELINE WELLS	Lead	1.1		U		UG/L	07/18/2005	SW6010B		F	DNT-373-05
GWM372022X	NORTH INL	USGS-027	BASELINE WELLS	Lead	116				UG/L	07/18/2005	SW6010B		F	DNT-373-05