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Analysis of Baseline Data from ICDF Detection Monitoring Wells

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Idaho Cleanup Project

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Idaho Cleanup Project
Idaho Falls, Idaho 83415

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Assistant Secretary for Environmental Management
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ABSTRACT

This report analyzes the groundwater monitoring data collected from the detection monitoring wells of the Idaho CERCLA Disposal Facility (ICDF). The detection monitoring network consists of one upgradient and five downgradient monitoring wells in the Snake River Plain Aquifer. Four rounds of baseline aquifer samples were collected in October and November 2002 from these six wells to establish the initial background water quality before operation of the ICDF. The background water quality represents initial baseline conditions because there is preexisting contamination of groundwater in the vicinity of the ICDF, which overlies existing Snake River Plain Aquifer contaminant plumes.

The initial baseline samples from the five downgradient wells were collected with pumps located near the bottom of the 40-ft screened interval. After the initial baseline sampling and at the request of the Agencies, the pumps in the five downgradient wells were raised approximately 32 ft and an additional four rounds of baseline samples were collected. Following collection of the additional samples, the water levels in the wells dropped due to drought, and the pumps in the downgradient wells had to be lowered 10 ft. In addition, the upgradient well was going dry and had to be deepened, and an additional four rounds of baseline samples were collected. The wells have also been sampled periodically (quarterly to semiannually) for indicator parameters.

A statistical analysis is presented that compares the initial analytical results to those obtained after the pumps were raised 32 ft in the downgradient well or after the upgradient well was deepened to determine if the data can be pooled, or if the data collected after the wells were modified is significantly different from the initial samples such that pooling cannot be justified. The numerical results were tested for differences among wells and statistical distribution to determine the appropriate method (e.g., combined control chart or nonparametric prediction limit). Detection monitoring limits are determined for the ICDF based on the data since the wells were modified and, when appropriate, includes the initial data. Due to the high percent of nondetected results and indeterminable statistical distribution, most of these detection monitoring limits are set at the nonparametric prediction limit.

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ACRONYMS

amsl	above mean sea level
ANOVA	analysis of variance
bgs	below ground surface
bmp	below measurement point
CAS	Chemical Abstract Service
CCC	combined control chart
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CFR	Code of Federal Regulations
CUSUM	cumulative sum
DEQ	Idaho Department of Environmental Quality
DOE Idaho	Department of Energy Idaho Operations Office
DR	dual rotary
EPA	Environmental Protection Agency
GMP	Groundwater Monitoring Plan
ICDF	Idaho CERCLA Disposal Facility
INEEL	Idaho National Engineering and Environmental Laboratory
INL	Idaho National Laboratory
INTEC	Idaho Nuclear Technology and Engineering Center
MDA	minimum detectable activity
ND	not determined
NP	not performed
NPL	nonparametric prediction limit
NT	not tested
OU	operable unit
RCRA	Resource Conservation and Recovery Act

ROD	Record of Decision
SRPA	Snake River Plain Aquifer
SVOC	semivolatile organic compound
USGS	United States Geological Survey
VOC	volatile organic compound
WAG	waste area group

Analysis of Baseline Data from ICDF Detection Monitoring Wells

1. BACKGROUND

The U.S. Department of Energy Idaho Operations Office (DOE Idaho) authorized a remedial action for the Idaho Nuclear Technology and Engineering Center (INTEC) in accordance with the Waste Area Group (WAG) 3, Operable Unit (OU) 3-13 Record of Decision (ROD) (DOE-ID 1999). The OU 3-13 ROD requires the removal and on-Site disposal of some of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) remediation wastes generated within the boundaries of the Idaho National Laboratory (INL) Site.

The Idaho CERCLA Disposal Facility (ICDF) is an on-Site, engineered facility, located outside the southwest boundary of INTEC (Figure 1-1). The ICDF consists of a landfill, two evaporation ponds, and a treatment unit. The two evaporation ponds are used for disposal of leachate drained from the ICDF landfill as well as liquids associated with CERCLA activities that meet the Waste Acceptance Criteria. The ICDF groundwater-monitoring network consists of six Snake River Plain Aquifer (SRPA) wells. Five of the aquifer wells were installed during 2002 downgradient of the ICDF. One existing aquifer well, USGS-123, is included in the detection monitoring network as an upgradient well. These wells meet the substantive requirements of Subpart F of the Resource Conservation and Recovery Act (RCRA) (42 USC 6901 et seq.) that were designated as applicable or relevant and appropriate requirements under CERCLA in the OU 3-13 ROD. The first waste was placed in the ICDF landfill on September 16, 2003.

The *ICDF Complex Groundwater Monitoring Plan* (DOE-ID 2004a) details the groundwater monitoring requirements associated with the ICDF, including monitoring wells, sample frequency, required analytes, laboratory analysis, fieldwork, and quality control. The *INEEL CERCLA Disposal Facility Groundwater Detection Monitoring Program: Data Analysis Plan* (DOE-ID 2003) (referred to as the *Data Analysis Plan)* details the approach used to evaluate the groundwater data collected in support of the ICDF detection monitoring program. This baseline analysis report applies the approach developed in the *Data Analysis Plan* to the analytical results collected from the six SRPA wells from 2002 through September 2005.

The six aquifer wells (Figure 1-2) included in the ICDF detection monitoring network are an upgradient well, USGS-123, which had been originally installed in 1990, and five downgradient wells (ICPP-1782, ICPP-1783, ICPP-1800, ICPP-1829, and ICPP-1831) installed in 2002. The background water quality represents baseline conditions because there is preexisting contamination of groundwater in the vicinity of the ICDF Complex (DOE-ID 2002a), which overlies existing SRPA contaminant plumes (DOE-ID 2002b).

Appendixes in this report are as follows:

- Appendix A - Required Appendix IX Volatile and Semivolatile Organic Compounds
- Appendix B - Analytical Results from Baseline Sampling of ICDF Aquifer Monitoring Wells
- Appendix C - Field Parameters
- Appendix D - Detection Monitoring Limits Charts.

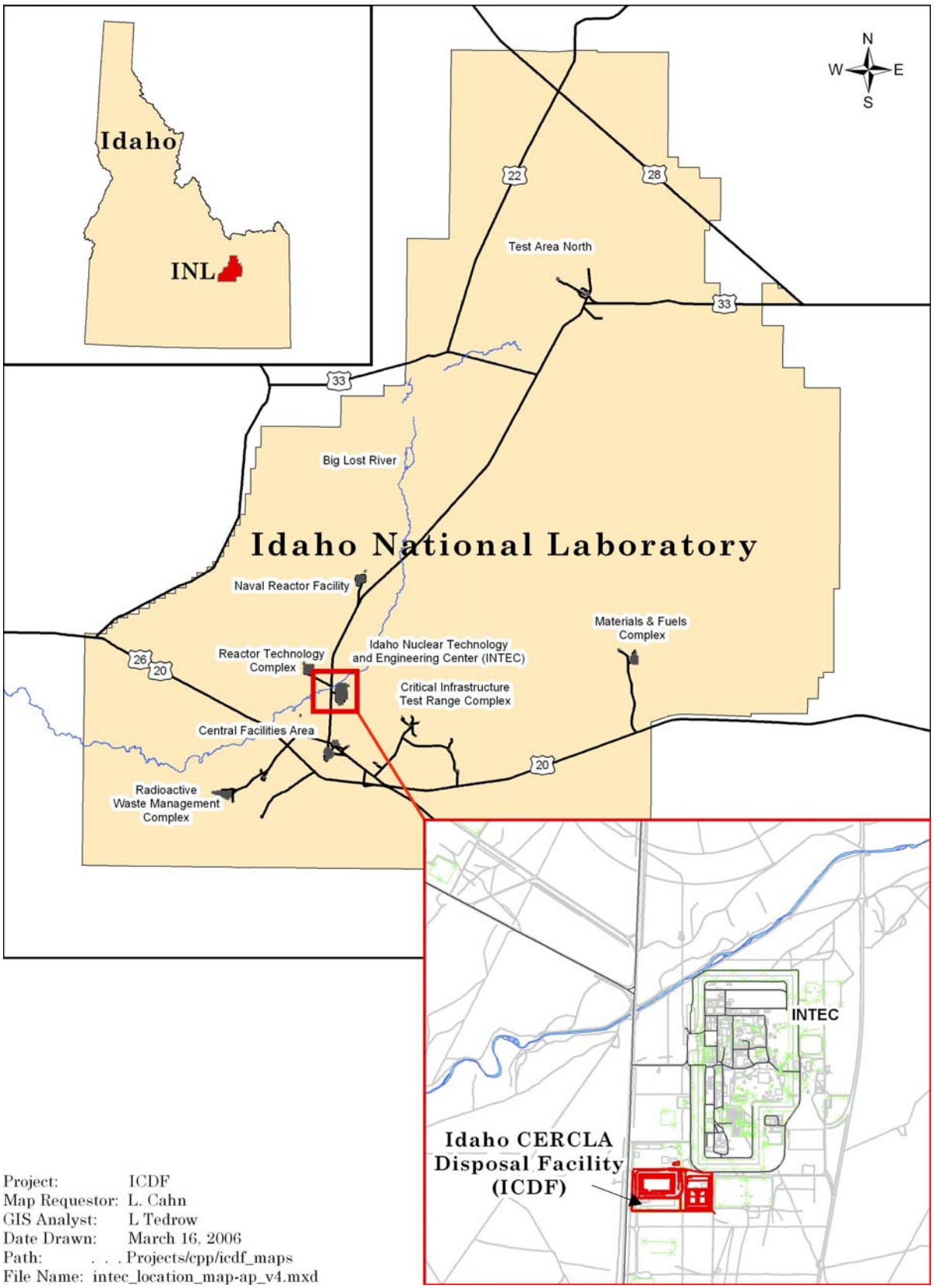

Figure 1-1. Location of the ICDF Complex.

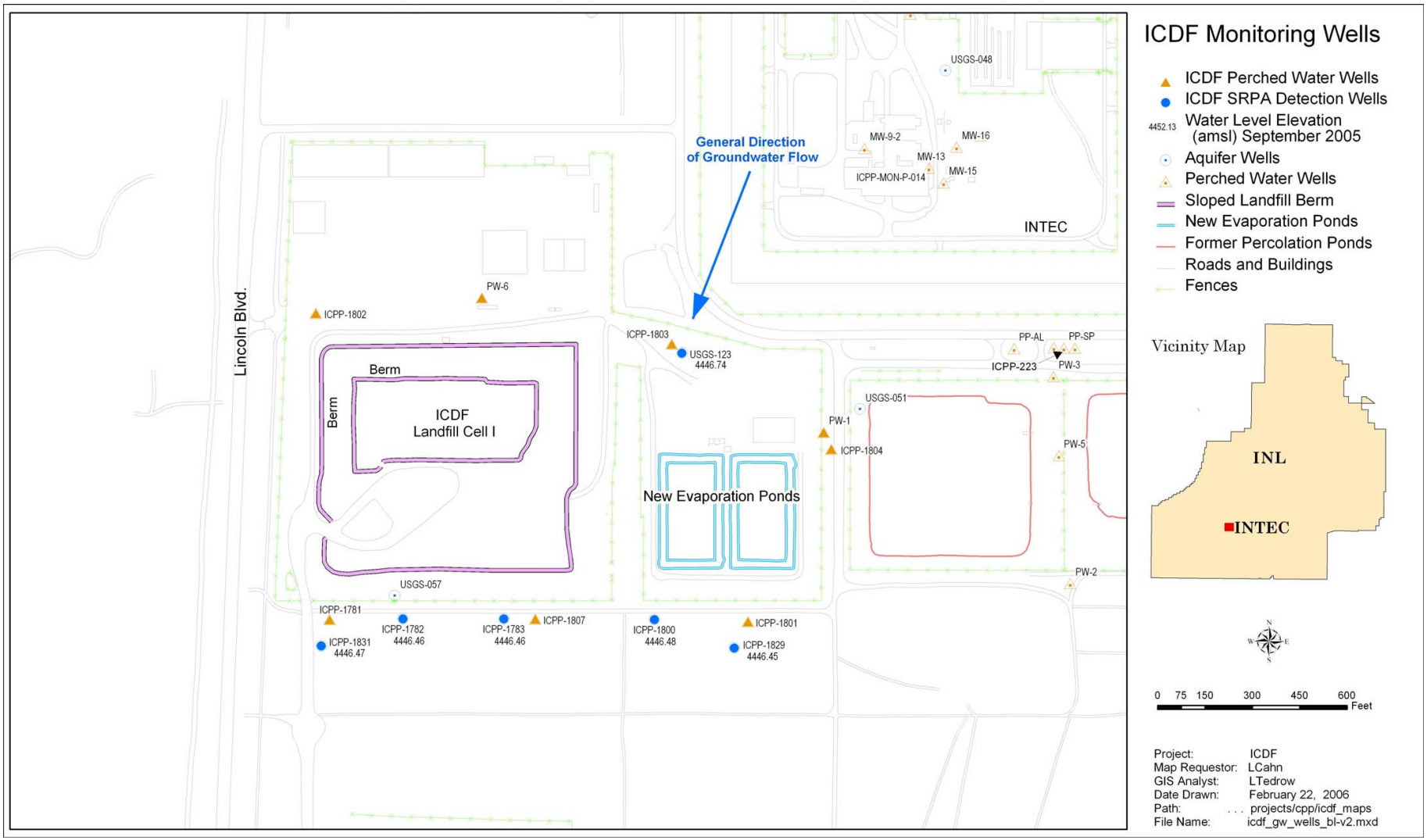

Figure 1-2. ICDF well locations and water levels.

2. SNAKE RIVER PLAIN AQUIFER DETECTION MONITORING

Detection monitoring is conducted at the ICDF to comply with the ROD requirement to meet the substantive portions that are applicable or relevant and appropriate in 40 CFR 264.98. Detection monitoring will continue unless there is statistically significant evidence of a release as defined in 40 CFR 264.98(f)(1). The detection monitoring program developed for the ICDF groundwater monitoring wells is applicable to the six wells completed in the uppermost portion of the SRPA. Detection monitoring does not include the investigation phase that will be conducted if statistically significant evidence is found that a release has occurred from the ICDF.

The ICDF detection monitoring program has established the statistical methods that determine whether there is statistically significant evidence of contamination for any monitoring parameter at the ICDF SRPA wells. As stated above, these statistical methods are detailed in the *Data Analysis Plan*. Of the acceptable methods listed in 40 CFR 264.97(h), the ICDF detection monitoring program will use either nonparametric prediction intervals as allowed in 40 CFR 264.97(h)(3) or control charts as allowed in 40 CFR 264.97(h)(4) to evaluate the groundwater monitoring data for statistically significant evidence of contamination.

2.1 Well Modifications and Sampling History

The original sampling requirements were for four rounds of baseline samples to be collected from the six SRPA wells prior to opening the landfill in September 2003 to establish background conditions. After the landfill opened, quarterly samples for indicator parameters were to be collected for the first year, followed by semiannual sampling for indicator parameters thereafter. Once every 2-1/2 years, a larger sampling event is to be conducted, beginning in March 2006.

The original well completion information (i.e., well drilling, construction activities, and pump depths) for the five aquifer wells completed in 2002 and for USGS-123 is provided in Appendix A of an earlier revision of this report (Cahn, Meachum, and Leecaster 2003). Pumps were installed in the downgradient wells near the bottom of a 40-ft screen. Following installation of the five downgradient monitoring wells, four rounds of baseline samples were collected in fall 2002 from the six wells and analyzed for radionuclides; Appendix IX volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), and metals (filtered and unfiltered); and major cations and anions. Following completion of initial baseline sampling, the U.S. Environmental Protection Agency (EPA) and Idaho Department of Environmental Quality (DEQ) requested that the pumps be moved up 32 ft in the five downgradient wells and an additional round of baseline samples be collected and tested for equivalency to see if the new samples were statistically equivalent to the four samples collected with the pumps in the bottom of the well. Interim detection monitoring limits were set for the first 2 years of landfill operation based on a statistical analysis of the four rounds of baseline samples collected in 2002. These interim limits were to be used for the initial 2 years until additional baseline samples could be collected and analyzed.

The pumps were raised in early June 2003 in these five wells. Information on well modifications is summarized on Table 2-1 and details can be found in DOE-ID (2004a). The wells were sampled in June 2003. At the time, no modifications were required of the upgradient well, USGS-123, and an additional round of samples was also collected from it. The one-time equivalency test procedure was outlined in Appendix E of Cahn, Meachum, and Leecaster (2003). The requirement to meet equivalency by EPA and DEQ was that every well and every analyte had to fall within a two-sided prediction interval.

Table 2-1. Well modification summary.

Well Name	Total Depth Drilled (ft bgs[a])	Date	Screened Interval (depth ft bgs)	Pump Inlet (depth ft bgs)	Brass Cap Elevation (ft amsl[b])
ICPP-1831	525.2	09/25/02	475–515	510.5	4,923.67
		06/03/03		478.5	
		05/25/05		488.5	
ICPP-1782	526.5	09/14/02	475–515	510.5	4,922.79
		06/03/03		478.5	
		05/25/05		488.5	
ICPP-1783	524	09/06802	475–515	513.3	4,921.51
		06/03/03		481.3	
		05/25/05		491.3	
ICPP-1800	524	09/20/02	475–515	51.05	4,920.66
		06/04/03		478.5	
		05/25/05		488.5	
ICPP-1829	526.5	09/18/02	475–515	510.8	4,919.89
		06/03/03		478.8	
		05/25/05		488.8	
USGS-123	744.2	1990	449.5–475.3	478.7	4,919.21
		10/14/04	461.5–514	481.25	

a. bgs = below ground surface.
b. amsl = above mean sea level.

If one analyte at one well fell outside the prediction interval, the equivalency test failed. The chance of failing the equivalency test was greater than 99% due to the high individual false positive rates (Type 1 error), which were between 5 and 40%.

The five downgradient wells, which had the pumps raised 32 ft, and the upgradient well, which had no modifications, failed the equivalency test. DOE agreed to collect an additional three rounds of baseline samples from the five downgradient wells. Sampling dates, required sampling (baseline or indicator parameters), and well modifications are summarized on Table 2-2. These samples were collected in March, June, and September 2004. During this time period, the upgradient well, USGS-123, began to go dry. In October 2004, USGS-123 was deepened. Well completion information can be found in ICP (2005). An additional four rounds of baseline samples were collected from USGS-123 between December 2004 and September 2005.

In March 2005, raising the pumps 32 ft in the downgradient wells was determined to leave insufficient head to reliably obtain a water sample because the water table was declining due to a prolonged drought. DOE, DEQ, and EPA (the Agencies) agreed to lower the pumps 10 ft and to not require collecting additional baseline samples. Details on pump depths can be found on Table 2-2 and in ICP (2006).

Table 2-2. Sampling events and well modifications.

	Sep-Oct-02	Apr-03	Jun-03	Sep-03	Dec-03	Mar-04	Apr-04	Jun-04	Sep-04	Oct-04	Dec-04	Mar-05	Apr-05	May-05	Jun-05	Sep-05
Well modifications																
Upgradient	–[a]	–	–	–	–	–	–	–	–	Well deepened	–	–	–	–	–	–
Downgradient	–	–	Pumps raised 32 ft	–	–	–	–	–	–	–	–	–	–	Pumps lowered 10 ft	–	–
Baseline																
Upgradient event number	1,2,3,4	–	b	–	–	–	–	–	–	–	5	6	–	–	7	8[c]
Downgradient event number	1,2,3,4	–	5	–	–	6	–	7	8	–	–	–	–	–	–	–
C-14	–	–	–	–	All wells	All wells	–	All wells	All wells	–	–	–	–	–	–	–
Indicator																
Upgradient	B[d]	–	B	X[e,f]	X	X	–	X	–	–	B	B	–	–	B	B
Downgradient	B	–	B	X[e]	X	B	–	B	B	–	X	–	–	–	X	X[c]
WAG 3																
Upgradient	–	X	–	–	–	–	X	–	–	–	–	–	X	–	–	–

a. "–" indicates no event occurred.
b. Additional samples taken from baseline set for "equivalency" (not required and not full baseline set).
c. Nitrate as N missing.
d. "B" indicates sampling event occurred as part of baseline sampling.
e. Filtered Hg and Cr missing.
f. "X" indicates sampling event occurred.

In addition to the four initial baseline rounds and the four additional baseline rounds for downgradient wells and five additional baseline rounds for the upgradient well, the wells were sampled for indicator parameters for four quarters beginning in September 2003 and ending in June 2004. Between December 2003 and September 2004, four quarterly samples were analyzed for C-14 at the request of DOE Headquarters to determine if INTEC was a source of C-14 for the Radioactive Waste Management Complex located to the southwest. An additional round of quarterly indicator parameters was collected in September 2004 because the September 2003 indicator samples were missing analyses for filtered Cr and Hg. Semiannual indicator sampling began in December 2004 (December 2004 and June 2005). Due to sampling difficulties attributed to very cold temperatures in December, the semiannual sampling for indicator parameters was switched to March and September, beginning in September 2005. Because all indicator parameters are included in the baseline sampling, the indicator sampling was not duplicated if the well was scheduled for a baseline sampling round. The upgradient well, USGS-123, was also sampled annually in the spring by WAG 3 using equivalent procedures and analytical methods. All sampling events and well modifications are summarized on Table 2-2. Following the four initial baseline rounds, there have been an additional nine sampling rounds (four baseline and five indicator for downgradient wells and five baseline and four indicator for the upgradient well).

2.2 Establishing Detection Monitoring Limits

The results for indicator parameters taken during the first 2 years after the ICDF became operational have been compared to the interim detection monitoring limits to determine if the limit had been exceeded. Because of the high false positive (Type 1 error) rate, when the interim detection monitoring limits were exceeded, the Agencies were notified, and DOE demonstrated that this was not due to leakage or failure of the landfill or evaporation pond. The landfill is equipped with a leachate collection system above the uppermost liner and a primary and secondary leak detection and recovery system under each of the landfill liner systems. The groundwater concentrations are higher than leachate concentrations and no liquid has been accumulating in the leak detection systems.

As recommended by ASTM D6312 and as agreed upon in the *Data Analysis Plan*, the background limits and methods selected for a given parameter/well will be evaluated every 2 years to incorporate additional data obtained after ICDF startup. This approach should lower the false positive rate over time while retaining a false-negative rate of less than 20%, as per EPA (1992) guidance.

The purpose of this report is to establish detection monitoring limits to replace the interim detection monitoring limits that were used for the first 2 years of ICDF operation. The Agencies agreed to evaluate the analytical results from samples collected prior to raising the pumps in the downgradient wells or, in the case of the upgradient well, prior to deepening the well, with the later set of results. A statistical analysis is to be performed by well and by analyte to determine if the two sets of data are from the same statistical population. If they are, the data can be pooled. This includes pooling data between wells that are from the same statistical population. If they are not, then the second set of data will be used to establish detection monitoring limits. Due to the problem of potentially capturing sediment in unfiltered water samples, the Agencies agreed that both sets of data for the unfiltered Appendix IX metals will be pooled. The revised detection monitoring limits established in this report will be used for the next 2 years of detection monitoring.

2.3 Groundwater Flow Direction and Rates

The SRPA in the vicinity of the ICDF Complex is located approximately 470 ft below ground surface (bgs). Groundwater in the SRPA generally occurs under unconfined conditions. Regional groundwater flow is generally south-southwest at an average estimated velocity of 5 ft/day. The average groundwater velocity at the INTEC is estimated at 10 ft/day due to local hydraulic conditions (LITCO 1995; DOE-ID 1997).

The water levels have been declining in the SRPA due to a multiyear drought. They dropped an average of 5.7 ft in the first 3 years after the wells were installed. Water levels from the most recent sampling event are shown on Figure 1-2. The regional aquifer gradient is shown on Figure 2-1 based on water level measurements in June 2005 for WAG 3. The gradient in the vicinity of the ICDF is flatter than the regional gradient.

2.4 Field Parameters

Field parameters (pH, specific conductance, and temperature) are measured immediately prior to sampling each well. These parameters are measured by the field sample team as required in the *ICDF Complex Groundwater Monitoring Plan* (DOE-ID 2004a) and are recorded in the field-sampling logbook. Field parameters are measured before taking the water sample to ensure that these parameters have stabilized during purging. The field parameters are included in Appendix C.

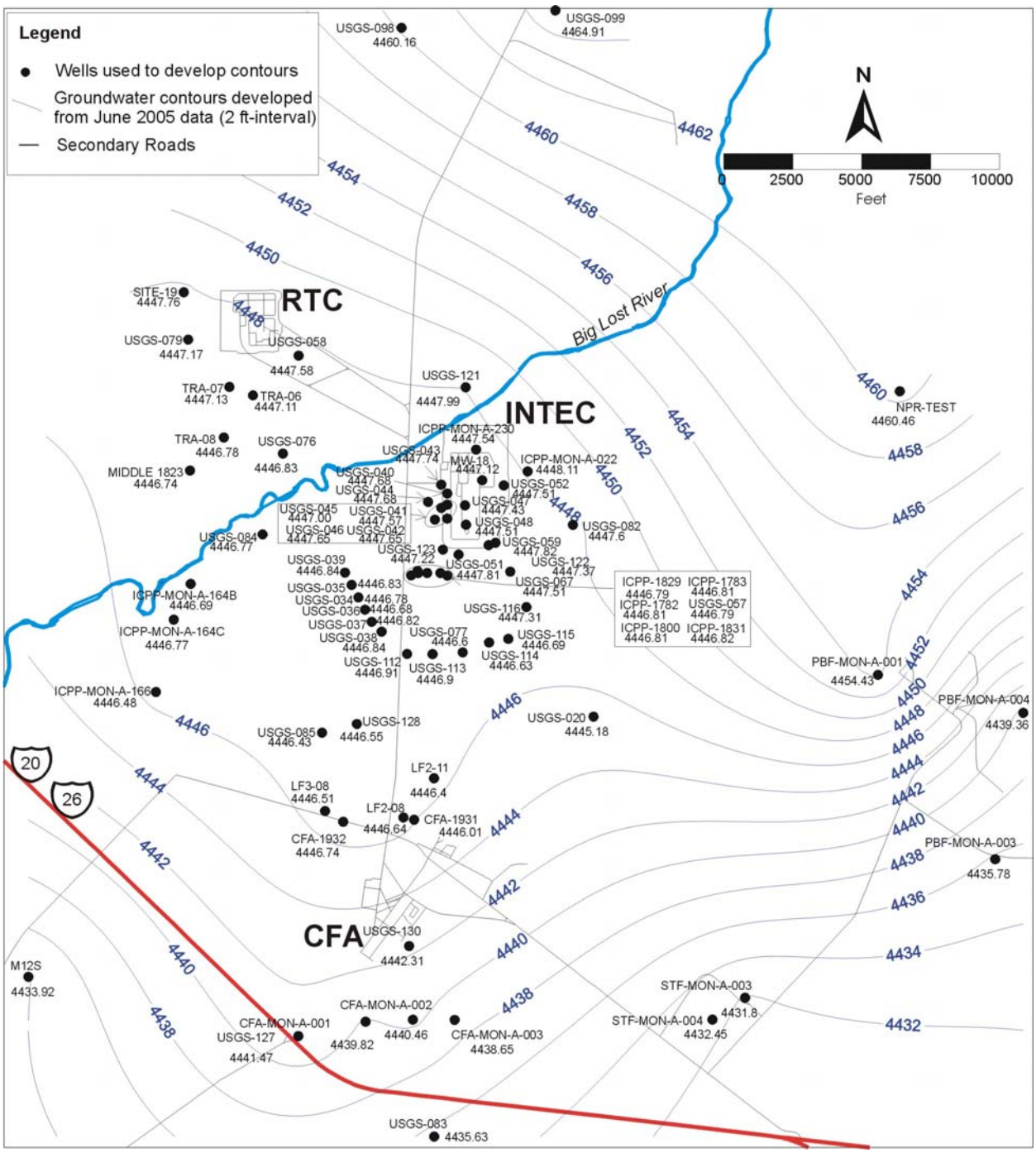

Figure 2-1. Regional aquifer water levels.

3. EVALUATION OF MONITORING DATA

Monitoring data from additional baseline sampling and indicator sampling from each of the six SRPA wells were evaluated to monitor groundwater and also establish revised detection monitoring limits for each well and each of the required constituents. As specified in the *Data Analysis Plan*, before using any monitoring data, they were evaluated with respect to any impacts from validation (i.e., rejected results), nondetected results, duplicate sample results per sampling round, differences among wells, and statistical distribution.

3.1 Quality Assurance/Quality Control

All rounds of sampling and analysis followed established procedures and analytical methodologies. Four rounds of samples were collected for radionuclides; Appendix IX metals, VOCs, SVOCs; and major ion analyses (DOE-ID 2002a) for the downgradient wells and five rounds for the upgradient well beyond the initial four baseline rounds. Five rounds of samples were collected for filtered mercury and chromium, VOCs, Sr-90, Tc-99 from the downgradient wells, and four rounds were collected from the upgradient well. The entire suite of SRPA samples yielded 7,642 results.

The completeness goal for the project of 100% was met because more sampling events were conducted than required and by including an occasional substitution (resampling to obtain a missed sample or using data collected by WAG 3). The completeness goal was actually greater than 100% because the requirement was for four sampling events the first year that the landfill was in operation followed by semiannual sampling, which would have been seven sampling events through December 2005. Following the initial four baseline rounds in 2002, there have been nine sampling events for the ICDF detection monitoring wells, plus an additional three sampling events for the upgradient well conducted by WAG 3.

Laboratories on the Idaho Cleanup Project Qualified Suppliers List performed all analyses. The *Groundwater Monitoring Plan* (DOE-ID 2004a) required one duplicate, trip blank, and field blank for every 20 samples collected or, at a minimum, 5% of the total number of samples collected. The actual percentage of duplicates and blanks was higher because the number of wells sampled during each round was much less than 20.

Overall, the majority of the data are acceptable for use to establish the detection monitoring limits for monitoring the ICDF Complex. Approximately 10% of the analyses were rejected as unusable (R-flagged) during data validation because they did not conform to laboratory quality control performance criteria. Of these rejected data, 87% were for organic compounds that are not contaminants of concern (COCs) for this project. All but one famphur result were rejected but all other organic constituents sampled for had at least three valid results overall.

Data validation flags assigned to semivolatile organic analyte results include J, UJ, and R for low surrogate recoveries. Initial and continuing calibration relative response factors falling below the 0.05 quality control limit resulted in R flags. Initial calibration percent relative standard deviations exceeding 15% resulted in J and UJ flags, and the 90% exceedance was R-flagged. Matrix and laboratory control standard spike recovery exceedance resulted in UJ and R flags. Data validation flags assigned to volatile organic analyte results include J and UJ for low surrogate recoveries. Initial and continuing calibration relative response factors falling below the 0.05 quality control limit resulted in R flags. Initial calibration percent relative standard deviations exceeding 15% resulted in assigned J and UJ flags. Matrix and laboratory control standard spike recovery exceedance resulted in J flags, and method blank contamination resulted in assigned U flags. Semivolatile and volatile organic results were J-flagged as estimated quantities for data reported below the contract-required quantitation limit (lowest amount of

analyte in a sample that can be quantitatively determined with suitable precision and accuracy, based on analyzing known quantities) and above the method detection limit (point at which a decision is made as to whether or not the compound is present), U-flagged for data that are undetected at the reported value, or UJ-flagged for undetected estimated quantities.

For Appendix IX metals and major ions analyses, sample results were flagged U, UJ, or J for problems with the blank results and laboratory quality control percent recoveries being out of acceptable ranges. For Appendix IX metals and major ions, a U flag means that the material was analyzed for, was detected at or above the applicable detection limit, and the associated value was less than five times the highest positive amount in any laboratory blank. A J flag means that the material was analyzed for, was detected at or above the applicable detection limit, and the associated value is an estimate that may be inaccurate or imprecise. A UJ validation flag is not differentiated from the combined action of both a U and J validation flag.

The radioanalytical results were U-flagged for reported data being less than minimum detectable activity (MDA) (i.e., no detectable activity); J-flagged if radioactivity was detected but, due to analytical and/or laboratory quality control issues, the reported quantity was considered an estimate; or UJ-flagged if the result was considered highly questionable due to serious analytical and/or quality control anomalies.

3.2 Data Excluded from Analysis

Before use, all analytical laboratory results were validated to Level A as required in the *ICDF Complex Groundwater Monitoring Plan* (DOE-ID 2004a). All results rejected during validation (i.e., R-flagged) were excluded from the analysis and from future use. Additionally, any radiological results that were UJ-flagged during validation were also excluded. For radiological analyses, the UJ flag added by the validator means that the result is extremely questionable due to analytical and/or laboratory quality control anomalies.

3.3 Treatment of Nondetected Results

For parameters with more than 50% but less than 100% nondetected results, the nonparametric prediction limit was set at the highest detected value above the applicable quantitation limit. For parameters with 100% nondetected results, the nonparametric prediction limit was set at the maximum reported quantitation limit. For parameters with at most 50% nondetected results, either the combined control chart or nonparametric prediction limit was used to establish the detection monitoring limit, depending on whether data (1) could be pooled across wells and/or pooled with the original baseline data and (2) the distribution of data.

For nonradiological parameters, a monitoring result was considered a nondetect if it was either U-flagged by the analytical laboratory or if a U flag was added during Level A validation. Monitoring results that were U-flagged by the analytical laboratory are reported as the associated quantitation limit. Monitoring results that were U-flagged during validation represent a measured value that exceeded the quantitation limit. However, quality control issues (associated with blank contamination) were identified during validation that resulted in the reported result being U-flagged. For all U-flagged results, one-half the reported value was substituted for use in calculations for hypothesis tests and Shewhart control chart limits, if applicable.

For radiological parameters, no substitutions were made because all results not previously excluded (i.e., R- or UJ-flagged) were used in the analysis.

3.4 Treatment of Duplicate Results

Duplicates were collected from each round of sampling, as required in the *ICDF Complex Groundwater Monitoring Plan* (DOE-ID 2004a). The statistical methods identified for the detection monitoring program require all background results for a given parameter and well to be temporally independent. However, duplicate samples are not, by definition, temporally independent. For each well and parameter at one point in time, the maximum reported detected result, or quantitation limit for nondetected results, was used in the statistical analysis.

3.5 Testing for Differences between Original Baseline Results and Continued Monitoring Results

As specified in the *Data Analysis Plan*, the initial detection monitoring limits may be revised based on results of monitoring. This includes the additional baseline and the indicator parameter monitoring. Ideally, all sample results would be combined to determine the new detection monitoring limits. Because the ICDF is located within existing contaminant plumes from INTEC releases, the plumes are changing over time, and operations at the INTEC facility that have impacted groundwater have changed over the past few years, the levels of some constituents may have changed since original baseline monitoring. For example, disposal of 1 to 2 million gallons per day of sodium- and chloride-rich service wastewater to percolation ponds that were adjacent to ICDF was discontinued in August 2002. As a result, sodium and chloride concentrations in the ICDF wells have decreased significantly, and concentrations of contaminants have been affected because this large influx of water over many years had altered the concentrations and gradient locally in the aquifer. The original baseline and continued monitoring results were pooled if they were found to not be significantly different.

Because of concerns that preexisting contamination in the groundwater in the vicinity of the ICDF Complex could influence which constituents can be pooled, differences between original baseline and continued monitoring were assumed to exist for a given constituent if (a) either the original set or the continued monitoring set (but not both) had all nondetected results or (b) either the original set or the continued monitoring set (but not both) had less than two detectable results to calculate variance. If differences between the original set and the continued monitoring set were assumed to exist, then data were not pooled and detection monitoring limits were based only on continued monitoring results. For constituents with all nondetect results for both original baseline and continued monitoring, the results were pooled and one overall nonparametric prediction limit equal to the maximum reported quantitation limit was assigned for the detection monitoring limit. For constituents with both sets with at least two detectable results, statistical tests were performed to determine whether the initial background results could be pooled with continued monitoring results. If results could be pooled, an overall detection monitoring limit was set.

The results were compared using analysis of variance (ANOVA) for differences between original baseline and continued monitoring. The Type III sums of squares were used for testing to control for possible differences among wells while testing for differences between original baseline and continued monitoring results. This was done to prevent differences among wells from masking differences between original baseline and continued monitoring results. The reported p-value from the tests is the probability, upon hypothetical repeating of this sampling and analysis, that the null hypothesis would be incorrectly rejected. The null hypothesis is that the results from the original baseline and continued monitoring are from the same population. For any given parameter, if the p-value was less than 0.05, then significant differences existed between the original baseline and continued monitoring and the results were not pooled.

The USGS-123 well was deepened in October 2004. Because this might affect the concentrations in the groundwater that is collected for analysis, the results were compared. Kruskal-Wallis tests were used to compare all results (including original baseline) prior to October 2004 with sample results after October 2004. If the results differed, then only post-October 2004 results were used in subsequent comparisons and detection monitoring limit determination. None of the VOCs or SVOCs were tested because there were so few detectable results.

3.6 Testing for Differences among Wells

As specified in the *Data Analysis Plan*, the sample results were pooled across wells (EPA 1992) if the results from the sampling of the six wells were found not to be significantly different. Because of concerns that preexisting contamination in the groundwater in the vicinity of the ICDF Complex could influence which constituents can be pooled, differences among wells were assumed to exist for a given constituent if (a) at least one well had all nondetected results or (b) less than two wells had at least two detectable results to calculate variance. If differences among wells were assumed to exist, then data were not pooled. For constituents with some detectable results for each well and at least two wells with at least two detectable results, statistical tests were performed to determine whether the initial background results could be pooled among wells. The same tests were used for combined original baseline and continued monitoring data set and for only continued monitoring data set (if they were found to differ). The nonparametric Kruskal-Wallis Rank test (Gilbert 1987) was used to determine if the median concentration differed among wells, while the Levene's test (Madansky 1980) was used to test for difference in well variance.

The Kruskal-Wallis Rank test and Levene's test are both nonparametric tests and do not assume any specific distributions. However, both require that the results are independent. The sampling rounds were taken at temporal intervals assumed to ensure independence based on the flow-based calculations recommended by EPA (1986) and presented in the *Data Analysis Plan*. The reported p-value from the tests is the probability, upon hypothetical repeating of this sampling and analysis, that the null hypothesis would be incorrectly rejected. The null hypothesis is that the medians (in the Kruskal-Wallis test) or the variances (in the Levene's test) are the same across wells. For any given parameter, if the p-value from either test was less than 0.05, then significant differences existed among wells and the results were not pooled across wells.

The Kruskal-Wallis test used the mean rank for tied values. Tied values were generally attributed to nondetected results. When there were ties, the p-value reported is an approximation that accounts for these tied values (S-Plus 2001).

Levene's test was only performed on data from wells whose results had positive (>0) variance. Thus, the variance for data within a well was only calculated if there were at least two detectable results.

For parameters whose monitoring results were not found to significantly differ among wells, the results were combined across wells. To establish the detection monitoring limits for these parameters, the distribution of the combined data set was first tested for normality and, if that test failed, then the data were log-transformed and tested for log-normality (as discussed in the next section). For parameters whose results were found to differ between original baseline and continued monitoring and also among wells, the results were not combined.

Numerous analytes were not tested for normality, which requires 13 distinct results, because of small sample size (due to not pooling across from baseline and continued monitoring and/or across wells or due to rejected values) or because more than 50% of the results were nondetected. Detection

monitoring limits for analytes that were not tested for normality were determined from the nonparametric prediction limits.

3.7 Determining Data Distributions

The two parts of the "combined" control chart are the Shewhart control chart and a cumulative sum (CUSUM) control chart. Only the Shewhart control chart limit is calculated from data and requires periodic updates as additional data become available. The CUSUM statistic is an accumulated value of standardized sample results and is compared to a limit of 5 standard deviation units; therefore, it is not calculated from actual data results. The combined control chart (CCC) limit formulas are included in the *Data Analysis Plan* (DOE-ID 2003) and are not repeated here. The charts that show data as well as detection monitoring limits, whether control charts or nonparametric prediction limit, are presented in Appendix D.

To apply the Shewhart control chart to any of the data sets, the distribution of a data set must first be determined because the Shewhart control chart is a parametric method that assumes the data are normal or can be transformed to normality. In comparison, the nonparametric prediction limit method does not assume that the data come from any specific distribution. Both methods assume that the data are independent. The sampling rounds were taken at temporal intervals assumed to ensure independence based on the flow-based calculations recommended by EPA (1986) and presented in the *Data Analysis Plan*. Those parameters with at most 50% nondetected results and ample data (i.e., at least 13 distinct results) were tested for normality.

To test for normality (in order to apply the Shewhart control chart to any of the data sets), the Shapiro-Wilk test (Shapiro and Wilk 1965) was used. This test assumes that the data are from one population. However, if the data set contains nondetected results, this assumption may not be valid. For nonradionuclide parameters, nondetected results are assigned the value of one-half the reported result (generally the quantitation limit) causing multiple observations in the data set to be set equal to a specified number. This could cause a mixed distribution, which would invalidate the normality assumption for the Shapiro-Wilk test. As prescribed in the *Data Analysis Plan*, the data were tested for normality only if at most 50% of the results were nondetected. For radionuclide parameters, where no substitution is made and all results are used as reported (except for data excluded during validation), nondetect values are assumed to be distributed about zero and therefore represent a different population than the detectable quantities. Many of the radiological nondetected results are reported as negative values. Log-normal data are strictly positive; therefore, radionuclide data that include negative results are not tested for log-normality.

If the p-value from the Shapiro-Wilk test was found to be greater than or equal to 0.05, then the data were assumed to be normally distributed and the CCC method was used. If the p-value was less than 0.05, then the log-transformed data were tested with the Shapiro-Wilk test to determine if the data were log-normal. If the p-value from the Shapiro-Wilk test on the log-transformed data was found to be greater than or equal to 0.05, then the data were assumed to be log-normal and the background analyses and CCC limits were based on the log-scale. For any given parameter, if the data were neither normal nor log-normal or there were more than 50% nondetected results, then a nonparametric prediction limit was determined from the combined data set for that parameter.

3.8 False-Positive and False-Negative Error Rates

The estimated Sitewide false-positive rate for the revised detection monitoring limits is slightly lower than that quoted in the *Data Analysis Plan*. The revised detection monitoring limits are one of the following: (1) by-well NPL, (2) overall by-well NPL (including original baseline), (3) NPL, (4) overall

NPL (including original baseline), or (5) Shewhart control limit. The individual false-positive rates depend on both the type of limit and sample size, which vary across constituents. The by-well NPLs can be as high as 0.06, while the Shewhart control limits have a false-positive rate of <0.0001. The revised rates are generally based on larger sample sizes but for many generally detected constituents the results could not be pooled from original baseline results or across wells. The individual false-positive rates are based on published simulations (Gibbons 1991) under a variety of conditions and are therefore used in lieu of an extensive simulation of the monitoring data to determine the Sitewide false-positive rate. The Sitewide false-positive rate is determined as one minus the Sitewide true-negative rate (over all constituents and wells). This is calculated as one minus the product of one minus the individual false-positive rates. The Sitewide false-positive rate for indicator parameters is estimated as approximately 22%. The rate for the group of all parameters that are sampled every 2-1/2 years is estimated at almost 100%. Thus, for a given sampling round, having at least one false-positive parameter result is almost ensured. If the additional baseline results had been compared to interim detection monitoring limits, there would have been at least one false-positive parameter per sampling event. The Sitewide false-positive rate for this infrequent sampling is inflated by the numerous constituents that are not ICDF COCs.

The estimated Sitewide false-negative rate for the revised detection monitoring limits is also slightly lower than that quoted in the *Data Analysis Plan*. The individual false-negative rates are based on published simulations (EPA 1992) under a variety of conditions and are therefore used in lieu of an extensive simulation of the monitoring data to determine the Sitewide false-negative rate. The false-positive rates are based on sample sizes and approximated from a published power curve. The estimated Sitewide false-negative rate remains below 20%.

4. PARAMETER-SPECIFIC DETECTION MONITORING LIMITS

Detection monitoring limits were established for each Appendix IX VOC, SVOC, and metal, as well as each radionuclide and major ion.

4.1 Appendix IX Volatile and Semivolatile Organic Compounds

Monitoring included analysis for Appendix IX VOCs and SVOCs. Appendix A lists the target Appendix IX VOCs and SVOCs and their associated Chemical Abstract Service (CAS) numbers requested for background sample analysis. Appendix B lists analytical results from all four (downgradient wells) or five (upgradient well) rounds of additional baseline and five (downgradient wells) or four (upgradient well) rounds of indicator aquifer sampling for these Appendix IX VOCs (Table B-1) and four rounds of additional baseline aquifer sampling for these Appendix IX SVOCs (Table B-2).

4.1.1 Volatile Organic Compounds

Table 4-1 presents summaries of the analyses performed on the monitoring results. Table 4-2 presents the detection monitoring limits obtained through these analyses.

Acetonitrile results were not obtained from the September 2003 sampling. The laboratory did not calibrate for this compound. A spectral search was conducted for acetonitrile, which was not identified.

For 43 of the VOCs, all background monitoring results were either rejected during validation, U-flagged by the laboratory, or U- or UJ-flagged by the validator. The detection monitoring limit for these compounds was also set to the maximum reported quantitation limit (Table 4-2).

All 10 VOCs with some detectable results had some detectable results that were J- or UJ-flagged during validation. In these instances, the compound was detected in the sample above the calculated method detection limit but below the quantitation limit. Therefore, the reported value is considered an estimated concentration as indicated by the J flag. For seven compounds, 1,4-dioxane, 4-methyl-2-pentanone, benzene, chloromethane, dichlorodifluoromethane, trans-1,3-dichloropropene, and xylene, the only detected results are estimates that are at or below the quantitation limit; therefore, the detection monitoring limit for these parameters was set at the maximum reported quantitation limit.

For all VOCs except toluene, either the original baseline or the continued monitoring results had less than two detectable results so were not tested for differences. Toluene results from the original baseline sampling were not significantly different from the continued monitoring sampling results; therefore, an overall detection monitoring limit was set (Table 4-1).

The three compounds with any detectable results above the maximum reported quantitation limit, 1,1,1-trichloroethane, bromomethane, and toluene, are not COCs for the ICDF. Bromomethane and toluene results were not tested for differences among wells because at least one well had all nondetected results. The detection monitoring limits for these two compounds were specified as well-specific nonparametric prediction limits as the maximum detectable result for each well (Table 4-2). The results for 1,1,1-trichloroethane were not significantly different among wells. The detection monitoring limit was determined by the nonparametric prediction limit, which is the maximum detectable result (Table 4-2). Charts for these three compounds are in Appendix D.

Table 4-1. Summary of original baseline versus continued monitoring comparison analyses for Appendix IX VOCs.

Compound	Number of Available Monitoring Results[a]	Number of Nondetected/ Detected Results[b]	ANOVA p-Value H_O: Original Baseline = Continued Monitoring	Kruskal-Wallis p-Value H_O: Equal Well Median	Levene's p-Value H_O: Equal Well Variance	Detection Monitoring Limit Determination[c]
1,1,1,2-Tetrachloroethane	54	54 / 0	ND[d]	ND	ND	NPL
1,1,1-Trichloroethane	54	37 / 17	NP[e]	0.99	0.99	NPL
1,1,2,2-Tetrachloroethane	54	54 / 0	ND	ND	ND	NPL
1,1,2-Trichloroethane	54	54 / 0	ND	ND	ND	NPL
1,1-Dichloroethane	54	54 / 0	ND	ND	ND	NPL
1,1-Dichloroethene	54	54 / 0	ND	ND	ND	NPL
1,2,3-Trichloropropane	54	54 / 0	ND	ND	ND	NPL
1,2-Dibromo-3-chloropropane	24	24 / 0	ND	ND	ND	NPL
1,2-Dibromoethane	54	54 / 0	ND	ND	ND	NPL
1,2-Dichloroethane	54	54 / 0	ND	ND	ND	NPL
1,2-Dichloropropane	54	54 / 0	ND	ND	ND	NPL
1,4-Dioxane	3	2 / 1	NP	NP	NP	NPL
2-Butanone	12	12 / 0	ND	ND	ND	NPL
2-Hexanone	54	54 / 0	ND	ND	ND	NPL
4-Methyl-2-pentanone	54	53 / 1	NP	NP	NP	NPL
Acetone	54	54 / 0	ND	ND	ND	NPL
Acetonitrile	24	24 / 0	ND	ND	ND	NPL
Acrolein	7	7 / 0	ND	ND	ND	NPL
Acrylonitrile	11	11 / 0	ND	ND	ND	NPL
Allyl chloride	54	54 / 0	ND	ND	ND	NPL
Benzene	54	52 / 2	NP	NP	NP	NPL
Bromodichloromethane	53	53 / 0	ND	ND	ND	NPL
Bromoform	54	54 / 0	ND	ND	ND	NPL
Bromomethane	52	49 / 3	NP	NP	NP	By-well NPL

Table 4-1. (continued).

Compound	Number of Available Monitoring Results[a]	Number of Nondetected/ Detected Results[b]	ANOVA p-Value H_O: Original Baseline = Continued Monitoring	Kruskal-Wallis p-Value H_O: Equal Well Median	Levene's p-Value H_O: Equal Well Variance	Detection Monitoring Limit Determination[c]
Carbon disulfide	54	54 / 0	ND	ND	ND	NPL
Carbon tetrachloride	54	54 / 0	ND	ND	ND	NPL
Chlorobenzene	54	54 / 0	ND	ND	ND	NPL
Chloroethane	52	52 / 0	ND	ND	ND	NPL
Chloroform	54	54 / 0	ND	ND	ND	NPL
Chloromethane	54	49 / 5	<0.0001	NP	NP	NPL
Chloroprene	54	54 / 0	ND	ND	ND	NPL
Dibromochloromethane	54	54 / 0	ND	ND	ND	NPL
Dibromomethane	54	54 / 0	ND	ND	ND	NPL
Dichlorodifluoromethane	54	51 / 3	NP	NP	NP	NPL
Ethylbenzene	54	54 / 0	ND	ND	ND	NPL
Iodomethane	54	54 / 0	ND	ND	ND	NPL
Isobutanol	12	12 / 0	ND	ND	ND	NPL
Methacrylonitrile	30	30 / 0	ND	ND	ND	NPL
Methylene Chloride	54	54 / 0	ND	ND	ND	NPL
Propionitrile	7	7 / 0	ND	ND	ND	NPL
Styrene	54	54 / 0	ND	ND	ND	NPL
Tetrachloroethene	54	54 / 0	ND	ND	ND	NPL
Toluene	54	40 / 14	0.19	NP	NP	By-well NPL overall
Trichloroethene	54	54 / 0	ND	ND	ND	NPL
Trichlorofluoromethane	54	54 / 0	ND	ND	ND	NPL
Vinyl acetate	48	48 / 0	ND	ND	ND	NPL
Vinyl chloride	54	54 / 0	ND	ND	ND	NPL
Xylene (total)	54	51 / 3	NP	NP	NP	NPL

Table 4-1. (continued).

Compound	Number of Available Monitoring Results[a]	Number of Nondetected/ Detected Results[b]	ANOVA p-Value H_O: Original Baseline = Continued Monitoring	Kruskal-Wallis p-Value H_O: Equal Well Median	Levene's p-Value H_O: Equal Well Variance	Detection Monitoring Limit Determination[c]
cis-1,2-Dichloroethene	54	54 / 0	ND	ND	ND	NPL
cis-1,3-Dichloropropene	54	54 / 0	ND	ND	ND	NPL
trans-1,2-Dichloroethene	54	54 / 0	ND	ND	ND	NPL
trans-1,3-Dichloropropene	54	52 / 2	NP	NP	NP	NPL
trans-1,4-Dichloro-2-butene	36	36 / 0	ND	ND	ND	NPL

a. A maximum of 54 background results are possible for each parameter. The number shown will be reduced by those results excluded as a result of validation (i.e., R-flagged).
b. Of the available background results, the number of nondetected results is shown first, followed by the number of detected results.
c. Based on the results of the tests performed, the method used for the determination of the detection monitoring limit is shown. NPL = nonparametric prediction limit. Unless noted, the limit is based on only continued monitoring data.
d. ND = not determined because all of the results were below the quantitation limit.
e. NP = not performed because either at least one well had all nondetected results or all wells had detectable results but less than two wells had at least two detectable results.

Table 4-2. Detection monitoring limits for Appendix IX VOCs.[a]

Compound	Shewhart Control Chart Limit (µg/L)	Nonparametric Prediction Limit Over All Wells (µg/L)	Well-Specific Nonparametric Prediction Limit					
			ICPP-1782 (µg/L)	ICPP-1783 (µg/L)	ICPP-1800 (µg/L)	ICPP-1829 (µg/L)	ICPP-1831 (µg/L)	USGS-123 (µg/L)
1,1,1,2-Tetrachloroethane	–[b]	1	–[b]	–[b]	–[b]	–[b]	–[b]	–[b]
1,1,1-Trichloroethane	–	1.3	–	–	–	–	–	–
1,1,2,2-Tetrachloroethane	–	1	–	–	–	–	–	–
1,1,2-Trichloroethane	–	1	–	–	–	–	–	–
1,1-Dichloroethane	–	1	–	–	–	–	–	–
1,1-Dichloroethene	–	1	–	–	–	–	–	–
1,2,3-Trichloropropane	–	4	–	–	–	–	–	–
1,2-Dibromo-3-chloropropane	–	5	–	–	–	–	–	–
1,2-Dibromoethane	–	1	–	–	–	–	–	–
1,2-Dichloroethane	–	1	–	–	–	–	–	–
1,2-Dichloropropane	–	1	–	–	–	–	–	–
1,4-Dioxane	–	50	–	–	–	–	–	–
2-Butanone	–	10	–	–	–	–	–	–
2-Hexanone	–	10	–	–	–	–	–	–
4-Methyl-2-pentanone	–	10	–	–	–	–	–	–
Acetone	–	10	–	–	–	–	–	–
Acetonitrile	–	20	–	–	–	–	–	–
Acrolein	–	5	–	–	–	–	–	–
Acrylonitrile	–	5	–	–	–	–	–	–
Allyl chloride	–	5	–	–	–	–	–	–
Benzene	–	1	–	–	–	–	–	–
Bromodichloromethane	–	1	–	–	–	–	–	–

Table 4-2. (continued).

Compound	Shewhart Control Chart Limit (µg/L)	Nonparametric Prediction Limit Over All Wells (µg/L)	Well-Specific Nonparametric Prediction Limit					
			ICPP-1782 (µg/L)	ICPP-1783 (µg/L)	ICPP-1800 (µg/L)	ICPP-1829 (µg/L)	ICPP-1831 (µg/L)	USGS-123 (µg/L)
Bromoform	–	2	–	–	–	–	–	–
Bromomethane	–	–	1	1.2	1	1	1	1
Carbon disulfide	–	5	–	–	–	–	–	–
Carbon tetrachloride	–	1	–	–	–	–	–	–
Chlorobenzene	–	1	–	–	–	–	–	–
Chloroethane	–	1	–	–	–	–	–	–
Chloroform	–	1	–	–	–	–	–	–
Chloromethane	–	5	–	–	–	–	–	–
Chloroprene	–	5	–	–	–	–	–	–
Dibromochloromethane	–	1	–	–	–	–	–	–
Dibromomethane	–	1	–	–	–	–	–	–
Dichlorodifluoromethane	–	5	–	–	–	–	–	–
Ethylbenzene	–	1	–	–	–	–	–	–
Iodomethane	–	5	–	–	–	–	–	–
Isobutanol	–	50	–	–	–	–	–	–
Methacrylonitrile	–	5	–	–	–	–	–	–
Methylene chloride	–	5	–	–	–	–	–	–
Propionitrile	–	5	–	–	–	–	–	–
Styrene	–	1	–	–	–	–	–	–
Tetrachloroethene	–	1	–	–	–	–	–	–
Toluene	–	–	6.5	5.3	6	1.3	8.6	5
Trichloroethene	–	1	–	–	–	–	–	–
Trichlorofluoromethane	–	1	–	–	–	–	–	–

Table 4-2. (continued).

Compound	Shewhart Control Chart Limit (µg/L)	Nonparametric Prediction Limit Over All Wells (µg/L)	Well-Specific Nonparametric Prediction Limit					
			ICPP-1782 (µg/L)	ICPP-1783 (µg/L)	ICPP-1800 (µg/L)	ICPP-1829 (µg/L)	ICPP-1831 (µg/L)	USGS-123 (µg/L)
Vinyl acetate	–	5	–	–	–	–	–	–
Vinyl chloride	–	1	–	–	–	–	–	–
Xylene (total)	–	1	–	–	–	–	–	–
cis-1,2-Dichloroethene	–	1	–	–	–	–	–	–
cis-1,3-Dichloropropene	–	5	–	–	–	–	–	–
trans-1,2-Dichloroethene	–	1	–	–	–	–	–	–
trans-1,3-Dichloropropene	–	5	–	–	–	–	–	–
trans-1,4-Dichloro-2-butene	–	5	–	–	–	–	–	–

a. Detection monitoring limits are included for each compound, either from a Shewhart control chart portion of the combined control chart, a nonparametric prediction limit over all wells, or a well-specific nonparametric prediction limit.
b. No limit shown in a given column indicates that this method was not used to determine the detection monitoring limit for the parameter.

4.1.2 Semivolatile Organic Compounds

Table 4-3 presents summaries of the monitoring results. Table 4-4 presents the detection monitoring limits obtained through these analyses. Due to reporting inconsistencies by the analytical laboratory, the following compound substitutions were made to the background reporting results:

- m-cresol (CAS 108-39-4) and p-cresol (CAS 106-44-5) are Appendix IX SVOCs. Cresol is a synonym for methylphenol. However, as coeluting isomers the analytical laboratory reported 3-methylphenol and 4 methylphenol together (CAS 65794-96-9), which was always undetected. Detection monitoring assessments (Table 4-3) and limits (Table 4-4) are not included separately for m-cresol or p cresol in Table 4-4, because these two compounds are reported together. These two compounds are not COCs at the INL Site..

- The analytical laboratory did not report results for diphenylamine (CAS 122-39-4). However, results were provided for n-nitrosodiphenylamine (CAS 86-30-6), which cannot be separated from diphenylamine using the approved method. As a result, Tables 4-3 and 4-4 summarize the background analysis for n-nitrosodiphenylamine, which was not detected and is not a COC for the INL Site.

There were 90 of the 113 SVOCs with all of the monitoring results either U-flagged by the laboratory or U- or UJ-flagged by the validator. An additional 17 SVOCs had some of the results rejected during validation, with the remainder of the associated results U-flagged. For each of these compounds, the detection monitoring limit was set to the maximum reported quantitation limit.

Of the six parameters with detectable results (benzyl alcohol, di-n-butyl phthalate, bis-[2-ethylhexyl] phthalate, m-dichlorobenzene, o-dichlorobenzene, and p-dichlorobenzene), only benzyl alcohol and bis-(2-ethylhexyl) phthalate had any detectable results above the quantitation limit. Three of the five detected results for bis-(2-ethylhexyl) phthalate, two of the three detected results for benzyl alcohol, and all of the detected results for the others were J-flagged during validation, indicating that the compound was detected in the sample above the calculated method detection limit but below the quantitation limit. Therefore, the reported values are considered an estimated concentration as indicated by the J flag. Bis-(2-ethylhexyl) phthalate and benzyl alcohol were not tested for differences among wells because at least one well had all nondetected results. All results for benzyl alcohol were below the maximum reported quantitation limit, which was used for the detection monitoring limit. Detection monitoring limits were set at the overall well-specific nonparametric prediction limit for bis-(2-ethylhexyl) phthalate (see chart in Appendix D). For all SVOCs, either the original baseline or the continued monitoring results had less than two detectable results so were not tested for differences.

Benzoic acid was analyzed for during the original baseline monitoring rounds but not during additional baseline or indicator monitoring. This compound is not on the Appendix IX list and has been removed from the list of target analytes.

Table 4-3. Summary of background analyses for Appendix IX SVOCs.

Compound	Number of Available Background Results[a]	Number of Nondetected/ Detected Results[b]	ANOVA p-Value H_O: Original Baseline = Continued Monitoring	Kruskal-Wallis p-Value H_O: Equal Well Median	Levene's p-Value H_O: Equal Well Variance	Detection Monitoring Limit Determination[c]
1,2,4,5-Tetrachlorobenzene	24	24 / 0	ND[d]	ND	ND	NPL
1,2,4-Trichlorobenzene	24	24 / 0	ND	ND	ND	NPL
1,2-Dichlorobenzene	24	20 / 4	NP[e]	NP	NP	NPL
1,3,5-Trinitrobenzene	24	24 / 0	ND	ND	ND	NPL
1,3-Dichlorobenzene	24	22 / 2	NP	NP	NP	NPL
1,3-Dinitrobenzene	24	24 / 0	ND	ND	ND	NPL
1,4-Dichlorobenzene	24	22 / 2	NP	NP	NP	NPL
1,4-Naphthoquinone	24	24 / 0	ND	ND	ND	NPL
1-Naphthylamine	24	24 / 0	ND	ND	ND	NPL
2,2'-Oxybis(1-Chloropropane)	24	24 / 0	ND	ND	ND	NPL
2,3,4,6-Tetrachlorophenol	15	24 / 0	ND	ND	ND	NPL
2,4,5-Trichlorophenol	15	24 / 0	ND	ND	ND	NPL
2,4,6-Trichlorophenol	14	24 / 0	ND	ND	ND	NPL
2,4-Dichlorophenol	15	24 / 0	ND	ND	ND	NPL
2,4-Dimethylphenol	15	24 / 0	ND	ND	ND	NPL
2,4-Dinitrophenol	14	24 / 0	ND	ND	ND	NPL
2,4-Dinitrotoluene	24	24 / 0	ND	ND	ND	NPL
2,6-Dichlorophenol	15	24 / 0	ND	ND	ND	NPL
2,6-Dinitrotoluene	24	24 / 0	ND	ND	ND	NPL
2-Acetylaminofluorene	24	24 / 0	ND	ND	ND	NPL
2-Chloronaphthalene	24	24 / 0	ND	ND	ND	NPL
2-Chlorophenol	15	24 / 0	ND	ND	ND	NPL
2-Methylnaphthalene	24	24 / 0	ND	ND	ND	NPL
2-Methylphenol (o-Cresol)	15	15 / 0	ND	ND	ND	NPL
2-Naphthylamine	24	24 / 0	ND	ND	ND	NPL
2-Nitroaniline	24	24 / 0	ND	ND	ND	NPL
2-Nitrophenol	15	24 / 0	ND	ND	ND	NPL

Table 4-3. (continued).

Compound	Number of Available Background Results[a]	Number of Nondetected/ Detected Results[b]	ANOVA p-Value H_O: Original Baseline = Continued Monitoring	Kruskal-Wallis p-Value H_O: Equal Well Median	Levene's p-Value H_O: Equal Well Variance	Detection Monitoring Limit Determination[c]
2-Picoline	24	24 / 0	ND	ND	ND	NPL
3,3'-Dichlorobenzidine	24	24 / 0	ND	ND	ND	NPL
3,3'-Dimethylbenzidine	24	24 / 0	ND	ND	ND	NPL
3-Methylcholanthrene	24	24 / 0	ND	ND	ND	NPL
3-Methylphenol & 4-Methylphenol[f]	15	15 / 0	ND	ND	ND	NPL
3-Nitroaniline	24	24 / 0	ND	ND	ND	NPL
4,6-Dinitro-2-methylphenol	14	14 / 0	ND	ND	ND	NPL
4-Aminobiphenyl	24	24 / 0	ND	ND	ND	NPL
4-Bromophenyl phenyl ether	24	24 / 0	ND	ND	ND	NPL
4-Chloro-3-methylphenol	15	15 / 0	ND	ND	ND	NPL
4-Chloroaniline	24	24 / 0	ND	ND	ND	NPL
4-Chlorophenyl phenyl ether	24	24 / 0	ND	ND	ND	NPL
4-Nitroaniline	24	24 / 0	ND	ND	ND	NPL
4-Nitrophenol	14	14 / 0	ND	ND	ND	NPL
4-Nitroquinoline 1-oxide	24	24 / 0	ND	ND	ND	NPL
7,12-Dimethylbenz(a)anthracene	24	24 / 0	ND	ND	ND	NPL
Acenaphthene	24	24 / 0	ND	ND	ND	NPL
Acenaphthylene	24	24 / 0	ND	ND	ND	NPL
Acetophenone	24	24 / 0	ND	ND	ND	NPL
Aniline	24	24 / 0	ND	ND	ND	NPL
Anthracene	24	24 / 0	ND	ND	ND	NPL
Aramite	24	24 / 0	ND	ND	ND	NPL
Benzo(a)anthracene	24	24 / 0	ND	ND	ND	NPL
Benzo(a)pyrene	24	24 / 0	ND	ND	ND	NPL
Benzo(b)fluoranthene	24	24 / 0	ND	ND	ND	NPL
Benzo(g,h,i)perylene	24	24 / 0	ND	ND	ND	NPL
Benzo(k)fluoranthene	23	23 / 0	ND	ND	ND	NPL

Table 4-3. (continued).

Compound	Number of Available Background Results[a]	Number of Nondetected/ Detected Results[b]	ANOVA p-Value H_O: Original Baseline = Continued Monitoring	Kruskal-Wallis p-Value H_O: Equal Well Median	Levene's p-Value H_O: Equal Well Variance	Detection Monitoring Limit Determination[c]
Benzyl alcohol	24	21 / 3	NP	NP	NP	NPL
Butyl benzyl phthalate	24	24 / 0	ND	ND	ND	NPL
Chrysene	24	24 / 0	ND	ND	ND	NPL
Di-n-butyl phthalate	24	23 / 1	NP	NP	NP	NPL
Di-n-octyl phthalate	24	24 / 0	ND	ND	ND	NPL
Dibenzo(a,h)anthracene	24	24 / 0	ND	ND	ND	NPL
Dibenzofuran	24	24 / 0	ND	ND	ND	NPL
Diethyl phthalate	24	24 / 0	ND	ND	ND	NPL
Dimethyl phthalate	24	24 / 0	ND	ND	ND	NPL
Dinoseb	24	24 / 0	ND	ND	ND	NPL
Ethyl methacrylate	24	24 / 0	ND	ND	ND	NPL
Ethyl methanesulfonate	24	24 / 0	ND	ND	ND	NPL
Famphur	1	1 / 0	ND	ND	ND	NPL
Fluoranthene	24	24 / 0	ND	ND	ND	NPL
Fluorene	24	24 / 0	ND	ND	ND	NPL
Hexachlorobenzene	24	24 / 0	ND	ND	ND	NPL
Hexachlorobutadiene	24	24 / 0	ND	ND	ND	NPL
Hexachlorocyclopentadiene	24	24 / 0	ND	ND	ND	NPL
Hexachloroethane	24	24 / 0	ND	ND	ND	NPL
Hexachlorophene	18	18 / 0	ND	ND	ND	NPL
Hexachloropropene	24	24 / 0	ND	ND	ND	NPL
Indeno(1,2,3-cd)pyrene	24	24 / 0	ND	ND	ND	NPL
Isophorone	24	24 / 0	ND	ND	ND	NPL
Isosafrole	24	24 / 0	ND	ND	ND	NPL
Methapyrilene	24	24 / 0	ND	ND	ND	NPL
Methyl methanesulfonate	24	24 / 0	ND	ND	ND	NPL
Methylmethacrylate	24	24 / 0	ND	ND	ND	NPL
Naphthalene	24	24 / 0	ND	ND	ND	NPL

Table 4-3. (continued).

Compound	Number of Available Background Results[a]	Number of Nondetected/ Detected Results[b]	ANOVA p-Value H_O: Original Baseline = Continued Monitoring	Kruskal-Wallis p-Value H_O: Equal Well Median	Levene's p-Value H_O: Equal Well Variance	Detection Monitoring Limit Determination[c]
Nitrobenzene	24	24 / 0	ND	ND	ND	NPL
O,O,O-Triethyl phosphorothioate	24	24 / 0	ND	ND	ND	NPL
Pentachlorobenzene	24	24 / 0	ND	ND	ND	NPL
Pentachloroethane	24	24 / 0	ND	ND	ND	NPL
Pentachloronitrobenzene	24	24 / 0	ND	ND	ND	NPL
Pentachlorophenol	14	14 / 0	ND	ND	ND	NPL
Phenacetin	24	24 / 0	ND	ND	ND	NPL
Phenanthrene	24	24 / 0	ND	ND	ND	NPL
Phenol	15	15 / 0	ND	ND	ND	NPL
Pronamide	24	24 / 0	ND	ND	ND	NPL
Pyrene	24	24 / 0	ND	ND	ND	NPL
Pyridine	24	24 / 0	ND	ND	ND	NPL
Safrole	24	24 / 0	ND	ND	ND	NPL
Thionazin	24	24 / 0	ND	ND	ND	NPL
a,a,-Dimethylphenethylamine	24	24 / 0	ND	ND	ND	NPL
bis-(2-Chloroethyl)ether	24	24 / 0	ND	ND	ND	NPL
bis-(2-chloroethoxy)methane	24	24 / 0	ND	ND	ND	NPL
bis-(2-ethylhexyl)phthalate	24	19 / 5	0.35	NP	NP	By-well NPL - overall
n-Nitro-o-toluidine	24	24 / 0	ND	ND	ND	NPL
n-Nitroso-di-n-butylamine	24	24 / 0	ND	ND	ND	NPL
n-Nitrosodi-n-propylamine	24	24 / 0	ND	ND	ND	NPL
n-Nitrosodiethylamine	24	24 / 0	ND	ND	ND	NPL
n-Nitrosodimethylamine	24	24 / 0	ND	ND	ND	NPL
n-Nitrosodiphenylamine	24	24 / 0	ND	ND	ND	NPL
n-Nitrosomethylethylamine	24	24 / 0	ND	ND	ND	NPL
n-Nitrosomorpholine	24	24 / 0	ND	ND	ND	NPL

Table 4-3. (continued).

Compound	Number of Available Background Results[a]	Number of Nondetected/ Detected Results[b]	ANOVA p-Value H_O: Original Baseline = Continued Monitoring	Kruskal-Wallis p-Value H_O: Equal Well Median	Levene's p-Value H_O: Equal Well Variance	Detection Monitoring Limit Determination[c]
n-Nitrosopiperidine	24	24 / 0	ND	ND	ND	NPL
n-Nitrosopyrrolidine	24	24 / 0	ND	ND	ND	NPL
o-Toluidine	24	24 / 0	ND	ND	ND	NPL
p-Dimethylaminoazobenzene	24	24 / 0	ND	ND	ND	NPL
p-Phenylenediamine	24	24 / 0	ND	ND	ND	NPL

a. A maximum of 24 background results are possible for each parameter. The number shown will be reduced by those results excluded as a result of validation (i.e., R-flagged).
b. Of the available background results, the number of nondetected results is shown first, followed by the number of detected results.
c. Based on the results of the tests performed, the method used for the determination of the detection monitoring limit is shown. NPL = nonparametric prediction limit. Unless noted, the limit is based on only continued monitoring data.
d. ND = not determined because all of the results were below the quantitation limit.
e. NP = not performed because either at least one well had all nondetected results or all wells had detectable results but less than two wells had at least two detectable results.
f. The analytical laboratory did not provide results separately for 3-methylphenol (i.e., m-cresol) or 4-methylphenol (i.e., p-cresol).

Table 4-4. Detection monitoring limits for SVOCs.[a]

Compound	Shewhart Control Chart Limit (µg/L)	Nonparametric Prediction Limit Over All Wells (µg/L)	Well-Specific Nonparametric Prediction Limit					
			ICPP-1782 (µg/L)	ICPP-1783 (µg/L)	ICPP-1800 (µg/L)	ICPP-1829 (µg/L)	ICPP-1831 (µg/L)	USGS-123 (µg/L)
1,2,4,5-Tetrachlorobenzene	–[b]	10	–[b]	–[b]	–[b]	–[b]	–[b]	–[b]
1,2,4-Trichlorobenzene	–	10	–	–	–	–	–	–
1,2-Dichlorobenzene	–	10	–	–	–	–	–	–
1,3,5-Trinitrobenzene	–	50	–	–	–	–	–	–
1,3-Dichlorobenzene	–	10	–	–	–	–	–	–
1,3-Dinitrobenzene	–	10	–	–	–	–	–	–
1,4-Dichlorobenzene	–	10	–	–	–	–	–	–
1,4-Naphthoquinone	–	50	–	–	–	–	–	–
1-Naphthylamine	–	10	–	–	–	–	–	–
2,2'-Oxybis(1-chloropropane)	–	10	–	–	–	–	–	–
2,3,4,6-Tetrachlorophenol	–	50	–	–	–	–	–	–
2,4,5-Trichlorophenol	–	10	–	–	–	–	–	–
2,4,6-Trichlorophenol	–	10	–	–	–	–	–	–
2,4-Dichlorophenol	–	10	–	–	–	–	–	–
2,4-Dimethylphenol	–	10	–	–	–	–	–	–
2,4-Dinitrophenol	–	50	–	–	–	–	–	–
2,4-Dinitrotoluene	–	10	–	–	–	–	–	–
2,6-Dichlorophenol	–	10	–	–	–	–	–	–
2,6-Dinitrotoluene	–	10	–	–	–	–	–	–
2-Acetylaminofluorene	–	100	–	–	–	–	–	–
2-Chloronaphthalene	–	10	–	–	–	–	–	–
2-Chlorophenol	–	10	–	–	–	–	–	–
2-Methylnaphthalene	–	10	–	–	–	–	–	–
2-Methylphenol (o-cresol)	–	10	–	–	–	–	–	–
2-Naphthylamine	–	10	–	–	–	–	–	–
2-Nitroaniline	–	50	–	–	–	–	–	–
2-Nitrophenol	–	10	–	–	–	–	–	–

Table 4-4. (continued).

Compound	Shewhart Control Chart Limit (µg/L)	Nonparametric Prediction Limit Over All Wells (µg/L)	Well-Specific Nonparametric Prediction Limit					
			ICPP-1782 (µg/L)	ICPP-1783 (µg/L)	ICPP-1800 (µg/L)	ICPP-1829 (µg/L)	ICPP-1831 (µg/L)	USGS-123 (µg/L)
2-Picoline	–	20	–	–	–	–	–	–
3,3'-Dichlorobenzidine	–	50	–	–	–	–	–	–
3,3'-Dimethylbenzidine	–	50	–	–	–	–	–	–
3-Methylcholanthrene	–	20	–	–	–	–	–	–
3-Methylphenol & 4-methylphenol[c]	–	20	–	–	–	–	–	–
3-Nitroaniline	–	50	–	–	–	–	–	–
4,6-Dinitro-2-methylphenol	–	50	–	–	–	–	–	–
4-Aminobiphenyl	–	50	–	–	–	–	–	–
4-Bromophenyl phenyl ether	–	10	–	–	–	–	–	–
4-Chloro-3-methylphenol	–	10	–	–	–	–	–	–
4-Chloroaniline	–	10	–	–	–	–	–	–
4-Chlorophenyl phenyl ether	–	10	–	–	–	–	–	–
4-Nitroaniline	–	50	–	–	–	–	–	–
4-Nitrophenol	–	50	–	–	–	–	–	–
4-Nitroquinoline 1-oxide	–	100	–	–	–	–	–	–
7,12-Dimethylbenz(a)anthracene	–	20	–	–	–	–	–	–
Acenaphthene	–	10	–	–	–	–	–	–
Acenaphthylene	–	10	–	–	–	–	–	–
Acetophenone	–	10	–	–	–	–	–	–
Aniline	–	10	–	–	–	–	–	–
Anthracene	–	10	–	–	–	–	–	–
Aramite	–	20	–	–	–	–	–	–
Benzo(a)anthracene	–	10	–	–	–	–	–	–
Benzo(a)pyrene	–	10	–	–	–	–	–	–
Benzo(b)fluoranthene	–	10	–	–	–	–	–	–
Benzo(g,h,i)perylene	–	10	–	–	–	–	–	–
Benzo(k)fluoranthene	–	10	–	–	–	–	–	–

Table 4-4. (continued).

Compound	Shewhart Control Chart Limit (µg/L)	Nonparametric Prediction Limit Over All Wells (µg/L)	Well-Specific Nonparametric Prediction Limit					
			ICPP-1782 (µg/L)	ICPP-1783 (µg/L)	ICPP-1800 (µg/L)	ICPP-1829 (µg/L)	ICPP-1831 (µg/L)	USGS-123 (µg/L)
Benzyl alcohol	–	10	–	–	–	–	–	–
Butyl benzyl phthalate	–	10	–	–	–	–	–	–
Chrysene	–	10	–	–	–	–	–	–
Di-n-butyl phthalate	–	10	–	–	–	–	–	–
Di-n-octyl phthalate	–	10	–	–	–	–	–	–
Dibenzo(a,h)anthracene	–	10	–	–	–	–	–	–
Dibenzofuran	–	10	–	–	–	–	–	–
Diethyl phthalate	–	10	–	–	–	–	–	–
Dimethyl phthalate	–	10	–	–	–	–	–	–
Dinoseb	–	20	–	–	–	–	–	–
Ethyl methacrylate	–	1	–	–	–	–	–	–
Ethyl methanesulfonate	–	10	–	–	–	–	–	–
Famphur	–	100	–	–	–	–	–	–
Fluoranthene	–	10	–	–	–	–	–	–
Fluorene	–	10	–	–	–	–	–	–
Hexachlorobenzene	–	10	–	–	–	–	–	–
Hexachlorobutadiene	–	10	–	–	–	–	–	–
Hexachlorocyclopentadiene	–	50	–	–	–	–	–	–
Hexachloroethane	–	10	–	–	–	–	–	–
Hexachlorophene	–	100	–	–	–	–	–	–
Hexachloropropene	–	100	–	–	–	–	–	–
Indeno(1,2,3-cd)pyrene	–	10	–	–	–	–	–	–
Isophorone	–	10	–	–	–	–	–	–
Isosafrole	–	20	–	–	–	–	–	–
Methapyrilene	–	50	–	–	–	–	–	–
Methyl methanesulfonate	–	10	–	–	–	–	–	–
Methylmethacrylate	–	1	–	–	–	–	–	–
Naphthalene	–	10	–	–	–	–	–	–

Table 4-4. (continued).

Compound	Shewhart Control Chart Limit (µg/L)	Nonparametric Prediction Limit Over All Wells (µg/L)	Well-Specific Nonparametric Prediction Limit					
			ICPP-1782 (µg/L)	ICPP-1783 (µg/L)	ICPP-1800 (µg/L)	ICPP-1829 (µg/L)	ICPP-1831 (µg/L)	USGS-123 (µg/L)
Nitrobenzene	–	10	–	–	–	–	–	–
O,O,O-Triethyl phosphorothioate	–	50	–	–	–	–	–	–
Pentachlorobenzene	–	10	–	–	–	–	–	–
Pentachloroethane	–	50	–	–	–	–	–	–
Pentachloronitrobenzene	–	26	–	–	–	–	–	–
Pentachlorophenol	–	50	–	–	–	–	–	–
Phenacetin	–	20	–	–	–	–	–	–
Phenanthrene	–	10	–	–	–	–	–	–
Phenol	–	10	–	–	–	–	–	–
Pronamide	–	20	–	–	–	–	–	–
Pyrene	–	10	–	–	–	–	–	–
Pyridine	–	20	–	–	–	–	–	–
Safrole	–	20	–	–	–	–	–	–
Thionazin	–	50	–	–	–	–	–	–
a,a,-Dimethylphenethylamine	–	50	–	–	–	–	–	–
bis-(2-Chloroethyl)ether	–	10	–	–	–	–	–	–
bis-(2-chloroethoxy)methane	–	10	–	–	–	–	–	–
bis-(2-ethylhexyl)phthalate	–	–	11	140	13	10	10	10
n-Nitro-o-toluidine	–	20	–	–	–	–	–	–
n-Nitroso-di-n-butylamine	–	10	–	–	–	–	–	–
n-Nitrosodi-n-propylamine	–	10	–	–	–	–	–	–
n-Nitrosodiethylamine	–	10	–	–	–	–	–	–
n-Nitrosodimethylamine	–	10	–	–	–	–	–	–
n-Nitrosodiphenylamine	–	10	–	–	–	–	–	–
n-Nitrosomethylethylamine	–	10	–	–	–	–	–	–
n-Nitrosomorpholine	–	10	–	–	–	–	–	–
n-Nitrosopiperidine	–	10	–	–	–	–	–	–
n-Nitrosopyrrolidine	–	10	–	–	–	–	–	–

Table 4-4. (continued).

Compound	Shewhart Control Chart Limit (µg/L)	Nonparametric Prediction Limit Over All Wells (µg/L)	Well-Specific Nonparametric Prediction Limit					
			ICPP-1782 (µg/L)	ICPP-1783 (µg/L)	ICPP-1800 (µg/L)	ICPP-1829 (µg/L)	ICPP-1831 (µg/L)	USGS-123 (µg/L)
o-Toluidine	–	20	–	–	–	–	–	–
p-Dimethylaminoazobenzene	–	20	–	–	–	–	–	–
p-Phenylenediamine	–	100	–	–	–	–	–	–

a. Detection monitoring limits are included for each SVOC, either from a Shewhart control chart portion of the combined control chart, a nonparametric prediction limit over all wells, or a well-specific nonparametric prediction limit.
b. No limit shown in a given column indicates that this method was not used to determine the detection monitoring limit for the parameter.
c. The analytical laboratory did not provide results separately for 3-methylphenol (i.e., m-cresol) or 4-methylphenol (i.e., p-cresol).

4.2 Radionuclides

Required radionuclides (identified in Table 3-1 of the *ICDF Complex Groundwater Monitoring Plan*, DOE-ID [2002a]) include tritium, iodine-129 (I-129), technetium-99 (Tc-99), strontium-90 (Sr-90), plutonium-238 (Pu-238), Pu-239/240, uranium-234 (U-234), U-235, U-238, and those identified from the target list for gamma spectroscopy. Table 4-5 summarizes the analyses performed on the radionuclide results. Summaries are provided for each of the nine radionuclide-specific analyses and for 13 radionuclides identified through gamma spectroscopy that are included in the standard gamma-emitting isotope target list. For U-234, the analytical laboratory reported results for U-233/U-234. Analytical results from all four (downgradient wells) or five (upgradient well) rounds of additional baseline and five (downgradient wells) or four (upgradient well) indicator aquifer sampling are presented in Appendix B for these radionuclides (Table B-3). Ten radionuclides had at least one result rejected during validation (Table 4-5).

The results for I-129, Sr-90, Tc-99, tritium, and U-238 differed after the USGS-123 well was deepened (Table 4-5). Results for U-233/234 and U-235 were tested but were not significantly different. Further analysis for the five radionuclides that differed was limited because USGS-123 data before October 2004 has been omitted.

The seven radionuclides with less than 50% nondetected results were I-129, Sr-90, Tc-99, tritium, U-233/234, U-234, and U238. Five of these (all but U-233/234 and U-238) showed significant differences between the original baseline and the continued monitoring results (Table 4-5). Also, these five had significant differences among wells based on only continued monitoring data. For these radionuclides, well-specific nonparametric prediction limits were determined for detection monitoring limits (Table 4-6).

Because radionuclide plumes exist in the vicinity of ICDF for tritium, Sr-90, Tc-99, and I-129 (DOE-ID 2002b), all of these radionuclides were tested for differences among pairs of wells. No pattern of significant differences among wells was found for any of the constituents.

The U-233/234 and U-238 results did not differ among wells, so all available data were used to determine overall detection monitoring limits. These radionuclides were assumed normally distributed (Shapiro-Wilk p-values = 0.1 and 0.6 for U-233/234 and U-238, respectively), so Shewhart control limits were calculated (Table 4-6).

The detection limit charts for seven radionuclides with detectable results are in Appendix D.

For 15 radionuclides, all results were considered nondetect. In these instances, because the minimum detectable activity (MDA) is sample-specific, a numeric detection monitoring limit cannot be set. For these radionuclides, the detection monitoring limit is set at any detectable quantity that is defined as a reported result above the MDA and greater than three times the reported uncertainty.

After baseline sampling was completed, WAG 7 (Radioactive Waste Management Complex) requested that ICDF and WAG 3 analyze samples for C-14, which is a COC for the Subsurface Disposal Area. WAG 7 needed to determine if there was an upgradient source for C-14. Four quarterly samples were collected for C-14 from each well in order to provide the information to WAG 7 and determine whether INTEC was an upgradient source. Since that time, OU 3-14 developed source terms for the tank farm releases and determined that C-14 is not a COC for INTEC perched water or groundwater (DOE-ID 2006, Appendix A, Section 9.1). Tank farm waste has been analyzed for C-14, but it has never been detected. The C-14 in the waste would be oxidized and released as CO_2 during the fuel dissolution process. The results of the four samples for C-14 are presented in Appendix B with the other radionuclides.

Table 4-5. Radionuclide results comparison between original baseline and continued monitoring analyses summary.

Radionuclide[a]	Number of Available Monitoring Results[b]	Number of Nondetected/ Detected Results[c]	Kruskal-Wallis p-Value H_O: USGS-123 Results Did Not Differ after Deepening[d]	ANOVA p-Value H_O: Original Baseline = Continued Monitoring	Kruskal-Wallis p-Value H_O: Well Results Equal Overall if Old=New, Otherwise only New	Levene's p-Value H_O: Original Baseline = Continued Monitoring Overall if Old=New, Otherwise only New	Detection Monitoring Limit Determination[e]
Antimony-125	27	27 / 0	NT[f]	NT	NT	NT	Any detectable result
Cerium-144	27	27 / 0	NT	NT	NT	NT	Any detectable result
Cesium-134	25	25 / 0	NT	NT	NT	NT	Any detectable result
Cesium-137	25	25 / 0	NT	NT	NT	NT	Any detectable result
Cobalt-60	25	25 / 0	NT	NT	NT	NT	Any detectable result
Europium-152	26	26 / 0	NT	NT	NT	NT	Any detectable result
Europium-154	27	27 / 0	NT	NT	NT	NT	Any detectable result
Europium-155	27	27 / 0	NT	NT	NT	NT	Any detectable result
Iodine-129[g]	27	3 / 24	0.01	0.004	0.01	0.10	By-well NPL
Manganese-54	27	27 / 0	NT	NT	NT	NT	Any detectable result
Plutonium-238[g]	27	27 / 0	NT	NT	NT	NT	Any detectable result
Plutonium-239/240[g]	26	26 / 0	NT	NT	NT	NT	Any detectable result
Ruthenium-106	27	27 / 0	NT	NT	NT	NT	Any detectable result
Silver-108m	25	25 / 0	NT	NT	NT	NT	Any detectable result
Silver-110m	27	27 / 0	NT	NT	NT	NT	Any detectable result
Strontium-90[g]	56	4 / 52	<0.001	<0.0001	<0.0001	<0.0001	By-well NPL
Technetium-99[g]	54	1 / 53	0.01	0.002	0.01	<0.0001	By-well NPL
Tritium[g]	27	0 / 27	0.01	0.01	0.03	0.04	By-well NPL

Table 4-5. (continued).

Radionuclide[a]	Number of Available Monitoring Results[b]	Number of Nondetected/ Detected Results[c]	Kruskal-Wallis p-Value H_O: USGS-123 Results Did Not Differ after Deepening[d]	ANOVA p-Value H_O: Original Baseline = Continued Monitoring	Kruskal-Wallis p-Value H_O: Well Results Equal Overall if Old=New, Otherwise only New	Levene's p-Value H_O: Original Baseline = Continued Monitoring Overall if Old=New, Otherwise only New	Detection Monitoring Limit Determination[e]
Uranium-233/234[g]	28	0 / 28	0.17	0.49	0.16 overall	0.41 overall	CCC overall
Uranium-235[g]	24	12 / 12	0.75	0.01	0.57	0.01	By-well NPL
Uranium-238[g]	28	0 / 28	0.02	0.24	0.17 overall	0.52 overall	CCC overall
Zinc-65	27	27 / 0	NT	NT	NT	NT	Any detectable result

a. Unless specifically footnoted, the radionuclide was determined through gamma spectroscopy. Where specifically footnoted, the radionuclide was determined through radionuclide-specific analyses.
b. For radionuclides, the number shown will be reduced from the number of samples collected by those results excluded as a result of validation (i.e., either R- or UJ-flagged).
c. Of the available background results, the number of nondetected results is shown first, followed by the number of detected results.
d. For radionuclides with p-value less than 0.05, USGS-123 results before October 2004 were removed from further analysis.
e. Based on the results of the tests performed, the method used for the determination of the detection monitoring limit is shown. NPL = nonparametric prediction limit; CCC = combined control chart. Unless noted, the limit was determined from continued monitoring data only.
f. NT = not tested because all results were below detection. Because the MDA is sample-specific, a numeric detection monitoring limit cannot be set. For these radionuclides, the detection monitoring limit is set at any detectable quantity, which is defined as a reported result above the MDA and greater than three times the reported uncertainty.
g. This radionuclide was determined through radionuclide-specific analyses.

Table 4-6. Detection monitoring limits for radionuclides.[a]

Radionuclide[b]	Mean (pCi/L)[c]	Standard Deviation (pCi/L)[c]	Shewhart Control Chart Limit (pCi/L)	Nonparametric Prediction Limit Over All Wells (pCi/L)	Well-Specific Nonparametric Prediction Limit					
					ICPP-1782 (pCi/L)	ICPP-1783 (pCi/L)	ICPP-1800 (pCi/L)	ICPP-1829 (pCi/L)	ICPP-1831 (pCi/L)	USGS-123 (pCi/L)
Antimony-125	–	–	–[d]	–[d]	–[d]	–[d]	–[d]	–[d]	–[d]	–[d]
Cerium-144	–	–	–	–	–	–	–	–	–	–
Cesium-134	–	–	–	–	–	–	–	–	–	–
Cesium-137	–	–	–	–	–	–	–	–	–	–
Cobalt-60	–	–	–	–	–	–	–	–	–	–
Europium-152	–	–	–	–	–	–	–	–	–	–
Europium-154	–	–	–	–	–	–	–	–	–	–
Europium-155	–	–	–	–	–	–	–	–	–	–
Iodine-129[e]	0.389	0.183	–	–	0.586	0.678	0.593	0.418	0.452	0.0691
Manganese-54	–	–	–	–	–	–	–	–	–	–
Plutonium-238[e]	–	–	–	–	–	–	–	–	–	–
Plutonium-239/240[e]	–	–	–	–	–	–	–	–	–	–
Ruthenium-106	–	–	–	–	–	–	–	–	–	–
Silver-108m	–	–	–	–	–	–	–	–	–	–
Silver-110m	–	–	–	–	–	–	–	–	–	–
Strontium-90[e]	13.64	6.15	–	–	23.4	19.5	20.5	7.23	17.5	Any detectable result
Technetium-99[e]	33.94	21.37	–	–	68.2	66.7	69.1	45.2	43.2	2.76
Tritium[e]	4,353	1,775	–	–	6,390	6,370	7,250	5,330	4,930	4,780

Table 4-6. (continued).

Radionuclide[b]	Mean (pCi/L)[c]	Standard Deviation (pCi/L)[c]	Shewhart Control Chart Limit (pCi/L)	Nonparametric Prediction Limit Over All Wells (pCi/L)	Well-Specific Nonparametric Prediction Limit					
					ICPP-1782 (pCi/L)	ICPP-1783 (pCi/L)	ICPP-1800 (pCi/L)	ICPP-1829 (pCi/L)	ICPP-1831 (pCi/L)	USGS-123 (pCi/L)
Uranium-233/234[e]	1.67	0.219	2.66	–	–	–	–	–	–	–
Uranium-235[e]	0.166	0.135	–	–	0.398	0.259	0.417	0.369	0.429	0.090
Uranium-238[e]	0.807	0.134	1.410	–	–	–	–	–	–	–
Zinc-65	–	–	–	–	–	–	–	–	–	–

a. Detection monitoring limits are included for each radionuclide, either from a Shewhart control chart portion of the combined control chart, a nonparametric prediction limit over all wells, or a well-specific nonparametric prediction limit.
b. Unless indicated otherwise, the radionuclide was determined through gamma spectroscopy.
c. Mean and standard deviation are reported only for those radionuclides with more than 50% detectable results. The mean and standard deviation are calculated on the data set used to determine detection monitoring limits, either all monitoring data, just continued monitoring data, all monitoring data except USGS-123 before October 2004, or just continued monitoring data except USGS-123 before October 2004.
d. No limit shown in a given column indicates that this method was not used to determine the detection monitoring limit for the parameter.
e. The radionuclide was determined through radionuclide-specific analyses.

4.3 Appendix IX Metals

Analyses of Appendix IX metal parameters, both filtered and unfiltered, were included in the required additional baseline sampling for each of the SRPA wells. These analyses resulted in monitoring results from 17 different metal parameters, for a total of 34 separate analyses (Table 4-7). Of these 34 metal analyses, three (filtered cadmium, silver, and filtered silver) did not have any detected results, while three (barium, filtered barium, and nickel) had all detected results. Analytical results from the additional rounds of baseline and indicator aquifer sampling are presented in Appendix B for these Appendix IX metals (Table B-4).

As agreed upon, nonfiltered metal results will be pooled from original baseline and the additional baseline and continued monitoring. These nonfiltered metal parameters will undergo tests for differences among wells.

Only filtered barium, out of the five filtered metal parameters tested, had significant differences before and after the USGS-123 well was deepened (Table 4-7). Further analyses for filtered barium excluded data from USGS-123 prior to October 2004.

Of the 12 filtered metal parameters with at least two detectable results from original baseline and continued monitoring that could be tested with ANOVA, five significantly differed (Table 4-7). For those that did not differ, further tests and overall detection monitoring limits were based on results from original baseline combined with continued monitoring results. For the five metal parameters that significantly differed and the six filtered metal parameters that could not be tested, further tests and detection monitoring limits were based only on continued monitoring data.

The detection monitoring limits for the three metal parameter analyses with all nondetected results were determined to be the overall nonparametric prediction limit set to the maximum reported quantitation limit.

Of the 31 metal parameter analyses with some detectable results, 15 were not tested for differences among wells because either one well had all nondetected results or all wells had some detectable results but less than two wells had at least two detectable results. For five of these (antimony, filtered antimony, beryllium, selenium, thallium, filtered thallium, and tin) the detected results were estimates below the maximum reported quantitation limit. The detection monitoring limit for these was set as a nonparametric prediction limit equal to the maximum reported quantitation limit. For the remaining 10 parameters that were tested for differences among wells, well-specific nonparametric prediction limits were determined as the detection monitoring limits (Table 4-8).

Twelve of the remaining 16 metal parameter analyses were found to differ among wells when using either the Kruskal-Wallis Rank or Levene's test (Table 4-7). Well-specific, nonparametric prediction limits were determined for these 12 parameters (Table 4-8).

The result for filtered chromium from USGS-123 in June 2004 was 114 µg/L, which is above the drinking water maximum contaminant level. The sample taken in June 2004 was very muddy because the well was drying up. In fact, the sample was not intended to be collected. The significance tests and detection monitoring limit were determined from the data set without this 114-µg/L value. The second largest result (7.2 µg/L) from USGS-123 was used as the nonparametric prediction limit for USGS-123.

Table 4-7. Summary of background analyses for metals.

Metal Parameter	Number of Available Background Results[a]	Number of Nondetected/ Detected Results[b]	Kruskal-Wallis p-Value H_O: USGS-123 Results Did Not Differ after Deepening[c]	ANOVA p-Value H_O: Original Baseline = Continued Monitoring	Kruskal-Wallis p-Value H_O: Well Results Equal Overall if Old=New, Otherwise only New	Levene's p-Value H_O: Original Baseline = Continued Monitoring Overall if Old=New, Otherwise only New	Detection Monitoring Limit Determination[d]
Antimony	25	24 / 1	NN[e]	NN	NP[f]	NP	NPL overall
Antimony (filtered)	26	25 / 1	NP	NP	NP	NP	NPL
Arsenic	25	15 / 10	NN	NN	0.54	0.5	NPL overall
Arsenic (filtered)	26	16 / 10	NP	0.003	0.93	0.98	NPL
Barium	25	0 / 25	NN	NN	0.08	<0.0001	By-well NPL overall
Barium (filtered)	26	0 / 26	0.01	<0.0001	<0.001	0.21	By-well NPL
Beryllium	26	25 / 1	NN	NN	NP	NP	By-well NPL overall
Beryllium (filtered)	26	25 / 1	NP	NP	NP	NP	By-well NPL
Cadmium	25	23 / 2	NN	NN	NP	NP	By-well NPL overall
Cadmium (filtered)	26	26 / 0	NP	NP	NP	NP	NPL
Chromium	24	2 / 22	NN	NN	<0.0001	<0.0001	By-well NPL overall
Chromium (filtered)	47	11 / 36	0.18	0.58	0.15	0.02	By-well NPL overall
Cobalt	25	10 / 15	NN	NN	0.28	0.01	By-well NPL overall
Cobalt (filtered)	26	12 / 14	NP	NP	0.68	0.38	NPL
Copper	19	3 / 16	NN	NN	0.68	<0.0001	By-well NPL overall
Copper (filtered)	21	6 / 15	NP	0.22	0.21	0.01	By-well NPL overall
Lead	25	15 / 10	NN	NN	0.33	0.93	NPL overall
Lead (filtered)	26	21 / 5	NP	NP	0.95	0.15	By-well NPL
Mercury	21	13 / 8	NN	NN	0.18	0.16	By-well NPL overall
Mercury (filtered)	44	40 / 4	NP	0.008	NP	NP	By-well NPL
Nickel	25	0 / 25	NN	NN	0.05	<0.0001	By-well NPL overall
Nickel (filtered)	26	1 / 25	0.09	0.001	0.04	0.07	By-well NPL

Table 4-7. (continued).

Metal Parameter	Number of Available Background Results[a]	Number of Nondetected/ Detected Results[b]	Kruskal-Wallis p-Value H_O: USGS-123 Results Did Not Differ after Deepening[c]	ANOVA p-Value H_O: Original Baseline = Continued Monitoring	Kruskal-Wallis p-Value H_O: Well Results Equal Overall if Old=New, Otherwise only New	Levene's p-Value H_O: Original Baseline = Continued Monitoring Overall if Old=New, Otherwise only New	Detection Monitoring Limit Determination[d]
Selenium	21	16 / 5	NN	NN	NP	NP	NPL overall
Selenium (filtered)	22	18 / 4	NP	0.97	NP	NP	NPL overall
Silver	23	23 / 0	NN	NN	NP	NP	NPL
Silver (filtered)	24	24 / 0	NP	NP	NP	NP	NPL
Thallium	18	14 / 4	NN	NN	NP	NP	NPL overall
Thallium (filtered)	19	14 / 5	NP	<0.0001	NP	NP	NPL
Tin	25	21 / 4	NN	NN	NP	NP	NPL overall
Tin (filtered)	25	22 / 3	NP	0.21	NP	NP	By-well NPL overall
Vanadium	20	6 / 14	NN	NN	0.52	0.03	By-well NPL overall
Vanadium (filtered)	21	7 / 14	1.00	0.07	0.91	0.09	NPL overall
Zinc	24	13 / 11	NN	NN	0.02	0.25	By-well NPL overall
Zinc (filtered)	26	15 / 11	0.67	0.43	0.27	0.05	By-well NPL overall

a. For metal parameters, the number shown will be reduced by those results excluded as a result of validation (i.e., R-flagged).
b. Of the available background results, the number of nondetected results is shown first, followed by the number of detected results.
c. For metal parameters with p-value less than 0.05, USGS-123 results before October 2004 were removed from further analysis.
d. Based on the results of the tests performed, the method used for the determination of the detection monitoring limit is shown. NPL = nonparametric prediction limit. Unless noted, the limit is based on continued monitoring results only.
e. NN = This comparison was not necessary. All nonfiltered metal results will be pooled.
f. NP = not performed because either at least one well had all nondetected results or all wells had detectable results but less than two wells had at least two detectable results.

Table 4-8. Detection monitoring limits for metals.[a]

Metal Parameter	Mean (µg/L)[b]	Standard Deviation (µg/L)[b]	Shewhart Control Chart Limit (µg/L)	Nonparametric Prediction Limit Over All Wells (µg/L)	Well-Specific Nonparametric Prediction Limit					
					ICPP-1782 (µg/L)	ICPP-1783 (µg/L)	ICPP-1800 (µg/L)	ICPP-1829 (µg/L)	ICPP-1831 (µg/L)	USGS-123 (µg/L)
Antimony	–	–	–[c]	4.2	–[c]	–[c]	–[c]	–[c]	–[c]	–[c]
Antimony (filtered)	–	–	–	0.5	–	–	–	–	–	–
Arsenic	–	–	–	4.4	–	–	–	–	–	–
Arsenic (filtered)	–	–	–	3.5	–	–	–	–	–	–
Barium	132.7	52.3	–	–[c]	166	177	208	221	160	170
Barium (filtered)	96.4	33.7	–	–	96.1	101	120	153	75.5	145
Beryllium	–	–	–	0.8	–	–	–	–	–	–
Beryllium (filtered)	–	–	–	–	0.15	0.15	0.15	0.08	0.15	0.158
Cadmium	–	–	–	–	0.8	0.8	0.8	1.1	0.8	0.8
Cadmium (filtered)	–	–	–	0.55	–	–	–	–	–	–
Chromium	45.3	254.3	–	–	10.7	9.4	14	13.4	6.5	1,770
Chromium (filtered)	6.9	13.0	–	–	6.9	6.7	7.7	7	7	7.2
Cobalt	0.79	0.94	–	–	3.2	3.2	3.2	3.2	3.2	5.7
Cobalt (filtered)	0.37	0.29	–	0.73	–	–	–	–	–	–
Copper	3.4	7.1	–	–	9.2	3.9	3.6	2.4	1.7	45.3
Copper (filtered)	2.1	3.1	–	–	2.9	2.2	2.6	20	3.6	3.1
Lead	–	–	–	1.9	–	–	–	–	–	–
Lead (filtered)	–	–	–	–	0.5	0.5	0.5	0.05	0.5	1.72
Mercury	–	–	–	–	0.1	0.1	0.1	0.1	0.1	0.18
Mercury (filtered)	–	–	–	–	0.1	0.1	0.1	0.1	0.1	0.32
Nickel	14.5	17.7	–	–	30	64.9	36	30	8.3	84.6
Nickel (filtered)	16.2	11.7	–	–	10.1	26.3	35.6	20.9	8.3	37.5
Selenium	–	–	–	3.8	–	–	–	–	–	–
Selenium (filtered)	–	–	–	–	3.8	3.8	3.8	3.8	3.8	4.5
Silver	–	–	–	1.9	–	–	–	–	–	–
Silver (filtered)	–	–	–	1.9	–	–	–	–	–	–

Table 4-8. (continued).

Metal Parameter	Mean (µg/L)[b]	Standard Deviation (µg/L)[b]	Shewhart Control Chart Limit (µg/L)	Nonparametric Prediction Limit Over All Wells (µg/L)	Well-Specific Nonparametric Prediction Limit					
					ICPP-1782 (µg/L)	ICPP-1783 (µg/L)	ICPP-1800 (µg/L)	ICPP-1829 (µg/L)	ICPP-1831 (µg/L)	USGS-123 (µg/L)
Thallium	–	–	–	5.1	–	–	–	–	–	–
Thallium (filtered)	–	–	–	0.88	–	–	–	–	–	–
Tin	–	–	–	1.8	–	–	–	–	–	–
Tin (filtered)	–	–	–	–	2.5	1.8	1.8	1.8	1.8	1.8
Vanadium	5.1	3.7	–	–	9.4	8.1	5	6.5	25.5	11
Vanadium (filtered)	4.7	3.2	–	22.6	–	–	–	–	–	–
Zinc	–	–	–	–	13.5	4.8	4.2	4.3	9.7	7.3
Zinc (filtered)	–	–	–	–	4.6	10.6	29.1	4.5	5.2	10

a. Detection monitoring limits are included for each metal, either from a Shewhart control chart portion of the combined control chart, a nonparametric prediction limit over all wells, or a well-specific nonparametric prediction limit.
b. Mean and standard deviation reported only for constituents with more than 50% detectable results. Nondetected results used in calculations were replaced with one-half the detection limit. Mean and standard deviation are calculated from the same data set used for determining detection monitoring limits.
c. No limit shown in a given column indicates that this method was not used to determine the detection monitoring limit for the parameter.

Two (filtered cobalt and filtered vanadium) of the four metal parameters whose data could be pooled had at most 50% nondetected values. The data for these two were found to be nonnormal ($p = 0.001$ and <0.0001 for filtered cobalt and filtered vanadium, respectively) and nonlognormal ($p = 0.03$ and 0.005 for filtered cobalt and filtered vanadium, respectively) with the Shapiro-Wilk test. For these four metal parameters, nonparametric prediction limits were determined as the maximum detected result (Table 4-8).

Detection limit charts for all metal parameters are in Appendix D.

4.4 Major Cations and Anions

Major cations and anions, included in the monitoring requirements, consist of bicarbonate, calcium, chloride, magnesium, nitrate, potassium, sodium, and sulfate. Nitrate, as nitrogen, was analyzed as total nitrite and nitrate. Because there is no nitrite in the SRPA, the result is assumed to be nitrate only. The results for bicarbonate were reported as bicarbonate, bicarbonate alkalinity, alkalinity, and total alkalinity. These were all assumed to be equivalent because there is no carbonate in the aquifer water. There were no duplicate samples taken for any of the major cations and anions during monitoring because these ions are not COCs for the ICDF and the results were intended for fingerprinting the water source. Analytical results from the additional rounds of baseline and the indicator parameter sampling are presented in Appendix B for these major cations and anions (Table B-5).

For all but bicarbonate, the monitoring results from USGS-123 before deepening the well were significantly different than after (Table 4-9).

For all but bicarbonate and nitrate, the results from additional baseline and continued monitoring were significantly different than the original baseline (Table 4-9). Overall detection monitoring limits were set for bicarbonate and nitrate.

Results from all of the major cations and anions significantly differed among wells (Table 4-9). Well-specific nonparametric prediction limits were determined for all major cations and anions (Table 4-10). Detection limit charts are in Appendix D.

Table 4-9. Summary of background analyses for major cations and anions.

Major Cation or Anion	Number of Available Results[a]	Number of Nondetected/ Detected Results[b]	Kruskal-Wallis p-Value H_O: USGS-123 Results Did Not Differ after Deepening[c]	ANOVA p-Value H_O: Original Baseline = Continued Monitoring	Kruskal-Wallis p-Value H_O: Well Results Equal Overall if Old=New, Otherwise only New	Levene's p-Value H_O: Original Baseline = Continued Monitoring Overall if Old=New, Otherwise only New	Detection Monitoring Limit Determination[d]
Bicarbonate	27	0 / 27	0.51	0.39	<0.0001	0.37	By-well NPL overall
Calcium	27	0 / 27	0.01	<0.0001	<0.001	0.11	By-well NPL
Chloride	27	0 / 27	0.01	<0.0001	<0.001	0.08	By-well NPL
Magnesium	27	0 / 27	0.01	<0.0001	0.01	0.11	By-well NPL
Nitrate, as nitrogen	26	1 / 25	0.01	0.06	0.03	0.16	By-well NPL overall
Potassium	27	0 / 27	0.01	0.0009	0.01	0.04	By-well NPL
Sodium	27	0 / 27	0.01	<0.0001	<0.001	0.24	By-well NPL
Sulfate	27	0 / 27	0.01	<0.0001	<0.001	0.21	By-well NPL

a. A maximum of 27 background results are possible for each parameter. For cations and anions, the number shown was reduced by those results excluded as a result of validation (i.e., R-flagged).
b. Of the available background results, the number of nondetected results is shown first, followed by the number of detected results.
c. For radionuclides with p-value less than 0.05, USGS-123 results before October 2004 were removed from further analysis.
d. Based on the results of the tests performed, the method used for the determination of the detection monitoring limit is shown. NPL = nonparametric prediction limit control chart. Unless noted, the limits are based on continued monitoring data only.

Table 4-10. Detection monitoring limits for major cations and anions.[a]

Major Cation or Anion	Mean (mg/L)[b]	Standard Deviation (mg/L)[b]	Shewhart Control Chart Limit (mg/L)	Nonparametric Prediction Limit Over All Wells (mg/L)	Well-Specific Nonparametric Prediction Limit					
					ICPP-1782 (mg/L)	ICPP-1783 (mg/L)	ICPP-1800 (mg/L)	ICPP-1829 (mg/L)	ICPP-1831 (mg/L)	USGS-123 (mg/L)
Bicarbonate	136	6.5	–[c]	–[c]	152	146	138	139	153	145
Calcium	52.6	8.1	–	–	59.2	60.8	63.4	64.5	58.4	64.7
Chloride	61.8	44.3	–	–	80.8	95	101	170	60.7	98.9
Magnesium	15.2	1.4	–	–	16	16.5	17.2	17.7	15.3	17.4
Nitrate, as nitrogen	2.3	1.0	–	–	3.8	3.8	4.0	2.3	3.6	1.1
Potassium	3.6	1.0	–	–	3.68	4.07	4.49	6.79	3.38	3.6
Sodium	33	20.5	–	–	34.3	42	42.8	89.2	31	36.3
Sulfate	–	–	–	–	27.6	28.5	29.4	32.5	26	29.3

a. Detection monitoring limits are included for each ion, either from a Shewhart control chart portion of the combined control chart, a nonparametric prediction limit over all wells, or a well-specific nonparametric prediction limit.
b. Mean and standard deviation reported only for constituents with more than 50% detectable results. Nondetected results used in calculations were replaced with one-half the detection limit. The mean and standard deviation are calculated from the data set used to determine detection monitoring limits.
c. No limit shown in a given column indicates that this method was not used to determine the detection monitoring limit for the parameter.

5. CONCLUSIONS

Continued monitoring data for six SRPA wells have been evaluated using the approach established in the *Data Analysis Plan* (DOE-ID 2003) written for the ICDF detection monitoring program and the *Analysis of Baseline Data* (Cahn, Meachum, and Leecaster 2003). Updated detection monitoring limits have been established for monitoring parameters listed in the *ICDF Complex Groundwater Monitoring Plan (*DOE-ID 2002a).

For the majority of the background monitoring parameters, the detection monitoring limit was set as a nonparametric prediction limit. For a limited number of parameters whose data could be pooled across all wells and whose distribution was normal, a Shewhart control chart limit was set for the detection monitoring limit.

The SRPA monitoring results taken during the next 2 years (March 2006 through September 2008) will be compared against these detection monitoring limits to determine if an exceedance has occurred. After 2 additional years of detection monitoring, limits will be reestablished using the same methods as in this report.

A high percentage of false-positive exceedances are expected during routine monitoring over the next 2 years. Because of the limited number of background samples available for statistical analysis, because of the large number of analytes, and because preexisting contamination in the SRPA created significant differences among wells for some parameters, false-positive rates may be as high as 70–100%. A high percentage of the 234 analytes included in this report are not COCs for the ICDF or the INL Site. The indicator parameters can be substituted through agreement by the Agencies per the *Groundwater Monitoring Plan* (DOE-ID 2004a) and can be based on the design inventory and modeling or leachate data as they become available.

As part of the ongoing detection monitoring, the background limits and methods selected for a given parameter/well be evaluated every 2 years, as recommended by ASTM D6312, to incorporate additional data in order to reduce the false-positive rate.

The initial baseline data show that current groundwater quality has elevated concentrations of those same constituents that will be of interest for indicating a release from the ICDF. Thus, it may be difficult to distinguish a release from the ICDF. Therefore, data from the primary and secondary leak detection and removal systems and leachate chemistry will be critical for determining whether an exceedance indicates a release from the landfill or is from another source.

6. PATH FORWARD

Based on an analysis of the data collected from the ICDF detection monitoring network over the last 3 years, the following modifications are agreed to by the Agencies:

- Discontinue comparison of VOCs to detection monitoring limits – The original request for including VOCs stemmed from an Agency concern that organic sludge might exist in the former INTEC injection well and act as a continuing source of contamination to the SRPA. Since then, additional historical data collection and evaluation indicated that no organic sludge ever existed in the former injection well and that organic constituents were an insignificant component of the service waste discharged to the well (DOE-ID 2004b; EDF-3943). VOCs are not COCs for the ICDF because modeling predicts that they are not of concern in leachate (EDF-ER-274) or groundwater from contaminant transport through the liners to the SRPA (EDF-ER-275). Detectable toluene was found in the November 2005 and January 2006 samples obtained from monitoring well MW-10-2, which indicates a potential source of this VOC to the Snake River Plain Aquifer. MW-10-2 is far upgradient of ICDF (located on the edge of the tank farm), and the presence of toluene in MW-10-2 is not related to disposal into the ICDF. Although VOCs are not ICDF COCs and do not pose an unacceptable risk, they will be collected and reported to the Agencies. VOCs will not have detection monitoring limits or have statistical analyses performed. Analysis of VOCs will be done for informational purposes only.

- Replace the sampling conducted once every 2-1/2 years with an indicator round – The sampling that occurs once every 2-1/2 years includes (1) a large number of naturally occurring compounds that exist at concentrations that are close to the detection limits or are not COCs (e.g., calcium), (2) contaminants that were part of past INTEC disposal activities that are unrelated to the ICDF (chloride in service waste sent to the former percolation ponds), or (3) compounds that are not COCs for the ICDF (e.g., SVOCs). Because there are so many compounds and they are infrequently monitored, the Sitewide false-positive rate is predicted to be near 100%. The focus of ICDF detection monitoring should be on detecting leakage from the landfill and evaporation pond (should leakage occur), rather than on activities such as monitoring the decline in chloride concentrations since use of the former percolation ponds was discontinued or monitoring for SVOCs, which are not expected in detectable concentrations in the leak detection and recovery systems.

- Combine ICDF and WAG 3 monitoring events for USGS-123 in the spring – ICDF semiannual sampling in March occurs within a month of WAG 3's annual monitoring. Both projects sample USGS-123 for the indicator parameters except WAG 3 does not sample for filtered chromium. If possible, combining this sampling would eliminate unnecessary duplication of efforts. Alternatively, if the WAG 3 samples and ICDF samples are collected at the same time, then the WAG 3 sample can be considered the duplicate sample for ICDF and vice versa.

7. REFERENCES

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Appendix A

Required Appendix IX Volatile and Semivolatile Organic Compounds

Appendix A

Required Appendix IX Volatile and Semivolatile Organic Compounds

Table A-1. Required Appendix IX volatile organic compounds.

Appendix IX Name	Compound Name from Analytical Laboratory	CAS Number
1,1,1,2-Tetrachloroethane	1,1,1,2-Tetrachloroethane	630-20-6
1,1,1-Trichloroethane	1,1,1-Trichloroethane	71-55-6
1,1,2,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane	79-34-5
1,1,2-Trichloroethane	1,1,2-Trichloroethane	79-00-5
1,1-Dichloroethane	1,1-Dichloroethane	75-34-3
1,1-Dichloroethene	1,1-Dichloroethene	75-35-4
1,2,3-Trichloropropane	1,2,3-Trichloropropane	96-18-4
1,2-Dibromo-3-chloropropane	1,2-Dibromo-3-chloropropane	96-12-8
1,2-Dibromoethane	1,2-Dibromoethane	106-93-4
1,2-Dichloroethane	1,2-Dichloroethane	107-06-2
1,2-Dichloropropane	1,2-Dichloropropane	78-87-5
1,4-Dioxane	1,4-Dioxane	123-91-1
2- Butanone (methyl ethyl ketone)	2-Butanone	78-93-3
2-Hexanone	2-Hexanone	591-78-6
Acetone	Acetone	67-64-1
Acetonitrile	Acetonitrile	75-05-8
Acrolein	Acrolein	107-02-8
Acrylonitrile	Acrylonitrile	107-13-1
Allyl chloride	Allyl chloride	107-05-1
Benzene	Benzene	71-43-2
Bromodichloromethane	Bromodichloromethane	75-27-4
Bromoform	Bromoform	75-25-2
Bromomethane	Bromomethane	74-83-9
Carbon disulfide	Carbon disulfide	75-15-0
Carbon tetrachloride	Carbon tetrachloride	56-23-5
Chlorobenzene	Chlorobenzene	108-90-7
Chloroethane	Chloroethane	75-00-3
Chloroform	Chloroform	67-66-3
Chloromethane	Chloromethane	74-87-3
Chloroprene	Chloroprene	126-99-8
Dibromochloromethane	Dibromochloromethane	124-48-1

Table A-1. (continued).

Appendix IX Name	Compound Name from Analytical Laboratory	CAS Number
Dibromomethane	Dibromomethane	74-95-3
Dichlorodifluoromethane	Dichlorodifluoromethane	75-71-8
Ethylbenzene	Ethylbenzene	100-41-4
Isobutyl alcohol	Isobutanol	78-83-1
Methyl iodide	Iodomethane	74-88-4
Methyl isobutyl ketone	4-Methyl-2-pentanone	108-10-1
Methylacrylonitrile	Methacrylonitrile	126-98-7
Methylene chloride	Methylene chloride	75-09-2
Propionitrile	Propionitrile	107-12-0
Styrene	Styrene	100-42-5
Tetrachloroethene	Tetrachloroethene	127-18-4
Toluene	Toluene	108-88-3
Trichloroethene	Trichloroethene	79-01-6
Trichlorofluoromethane	Trichlorofluoromethane	75-69-4
Vinyl acetate	Vinyl acetate	108-05-4
Vinyl chloride	Vinyl chloride	75-01-4
Xylenes (total)	Xylene (total)	1330-20-7
cis-1,2-Dichloroethene	cis-1,2-Dichloroethene	156-59-2
cis-1,3-Dichloropropene	cis-1,3-Dichloropropene	10061-01-5
trans-1,2-Dichloroethene	trans-1,2-Dichloroethene	156-60-5
trans-1,3-Dichloropropene	trans-1,3-Dichloropropene	10061-02-6
trans-1-4-Dichloro-2-butene	trans-1,4-Dichloro-2-butene	110-57-6

Table A-2. Required Appendix IX semivolatile organic compounds.

Appendix IX Name	Compound Name from Analytical Laboratory	CAS Number
1,2,4,5-Tetrachlorobenzene	1,2,4,5-Tetrachlorobenzene	95-94-3
1,2,4-Trichlorobenzene	1,2,4-Trichlorobenzene	120-82-1
1,4-Naphthoquinone	1,4-Naphthoquinone	130-15-4
1-Naphthylamine	1-Naphthylamine	134-32-7
2,3,4,6-Tetrachlorophenol	2,3,4,6-Tetrachlorophenol	58-90-2
2,4,5-Trichlorophenol	2,4,5-Trichlorophenol	95-95-4
2,4,6-Trichlorophenol	2,4,6-Trichlorophenol	88-06-2
2,4-Dichlorophenol	2,4-Dichlorophenol	120-83-2
2,4-Dimethylphenol	2,4-Dimethylphenol	105-67-9
2,4-Dinitrophenol	2,4-Dinitrophenol	51-28-5
2,4-Dinitrotoluene	2,4-Dinitrotoluene	121-14-2
2,6-Dichlorophenol	2,6-Dichlorophenol	87-65-0
2,6-Dinitrotoluene	2,6-Dinitrotoluene	606-20-2
2-Acetylaminofluorene	2-Acetylaminofluorene	53-96-3
2-Chloronaphthalene	2-Chloronaphthalene	91-58-7
2-Chlorophenol	2-Chlorophenol	95-57-8
2-Methylnaphthalene	2-Methylnaphthalene	91-57-6
2-Naphthylamine	2-Naphthylamine	91-59-8
2-Picoline	2-Picoline	109-06-8
3,3'-Dichlorobenzidine	3,3'-Dichlorobenzidine	91-94-1
3,3'-Dimethylbenzidine	3,3'-Dimethylbenzidine	119-93-7
3-Methylcholanthrene	3-Methylcholanthrene	56-49-5
4,6-Dinitro-o-cresol	4,6-Dinitro-2-methylphenol	534-52-1
4-Aminobiphenyl	4-Aminobiphenyl	92-67-1
4-Bromophenyl phenyl ether	4-Bromophenyl phenyl ether	101-55-3
4-Chloroaniline	4-Chloroaniline	106-47-8
4-Chlorophenyl phenyl ether	4-Chlorophenyl phenyl ether	7005-72-3
4-Nitroquinoline 1-oxide	4-Nitroquinoline 1-oxide	56-57-5
5-Nitro-o-toluidine	n-Nitro-o-toluidine	99-55-8
7,12-Dimethylbenz[a]anthracene	7,12-Dimethylbenz(a)anthracene	57-97-6
Acenaphthene	Acenaphthene	83-32-9
Acenaphthylene	Acenaphthylene	208-96-8
Acetophenone	Acetophenone	98-86-2
Aniline	Aniline	62-53-3
Anthracene	Anthracene	120-12-7
Aramite	Aramite (as calculated during validation)	140-57-8
Benzo[a]anthracene	Benzo(a)anthracene	56-55-3
Benzo[a]pyrene	Benzo(a)pyrene	50-32-8
Benzo[b]fluoranthene	Benzo(b)fluoranthene	205-99-2

Table A-2. (continued).

Appendix IX Name	Compound Name from Analytical Laboratory	CAS Number
Benzo[ghi]perylene	Benzo(g,h,i)perylene	191-24-2
Benzo[k]fluoranthene	Benzo(k)fluoranthene	207-08-9
Benzyl alcohol	Benzyl alcohol	100-51-6
Bis (2-chloroethoxy) methane	bis-(2-chloroethoxy)methane	111-91-1
Bis (2-chloroethyl) ether	bis-(2-chloroethyl)ether	111-44-4
Bis (2-chloroisopropyl) ether	2,2'-oxybis(1-chloropropane)	108-60-1
Bis (2-ethylhexyl) phthalate	bis-(2-ethylhexyl)phthalate	117-81-7
Butylbenzylphthalate	Butyl benzyl phthalate	85-68-7
Chrysene	Chrysene	218-01-9
Di-n-butyl phthalate	Di-n-butyl phthalate	84-74-2
Di-n-octyl phthalate	Di-n-octyl phthalate	117-84-0
Dibenz[a,h]anthracene	Dibenzo(a,h)anthracene	53-70-3
Dibenzofuran	Dibenzofuran	132-64-9
Diethyl phthalate	Diethyl phthalate	84-66-2
Dimethyl phthalate	Dimethyl phthalate	131-11-3
Dinoseb	Dinoseb	88-85-7
Diphenylamine	Refer to n-nitrosodiphenylamine (CAS 86-30-6)	122-39-4
Ethyl methacrylate	Ethyl methacrylate	97-63-2
Ethyl methanesulfonate	Ethyl methanesulfonate	62-50-0
Famphur	Famphur	52-85-7
Fluoranthene	Fluoranthene	206-44-0
Fluorene	Fluorene	86-73-7
Hexachlorobenzene	Hexachlorobenzene	118-74-1
Hexachlorobutadiene	Hexachlorobutadiene	87-68-3
Hexachlorocyclopentadiene	Hexachlorocyclopentadiene	77-47-4
Hexachloroethane	Hexachloroethane	67-72-1
Hexachlorophene	Hexachlorophene	70-30-4
Hexachloropropene	Hexachloropropene	1888-71-7
Indeno(1,2,3-cd)pyrene	Indeno(1,2,3-cd)pyrene	193-39-5
Isophorone	Isophorone	78-59-1
Isosafrole	Isosafrole	120-58-1
Methapyrilene	Methapyrilene	91-80-5
Methyl methacrylate	Methylmethacrylate	80-62-6
Methyl methanesulfonate	Methyl methanesulfonate	66-27-3
N-Nitrosodi-n-butylamine	n-Nitroso-di-n-butylamine	924-16-3
N-Nitrosodiethylamine	n-Nitrosodiethylamine	55-18-5
N-Nitrosodimethylamine	n-Nitrosodimethylamine	62-75-9
N-Nitrosodiphenylamine	n-Nitrosodiphenylamine	86-30-6
N-Nitrosodipropylamine; di-n-propylnitrosamine	n-Nitrosodi-n-propylamine	621-64-7

Table A-2. (continued).

Appendix IX Name	Compound Name from Analytical Laboratory	CAS Number
N-Nitrosomethylethylamine	n-Nitrosomethylethylamine	10595-95-6
N-Nitrosomorpholine	n-Nitrosomorpholine	59-89-2
N-Nitrosopiperidine	n-Nitrosopiperidine	100-75-4
N-Nitrosopyrrolidine	n-Nitrosopyrrolidine	930-55-2
Naphthalene	Naphthalene	91-20-3
Nitrobenzene	Nitrobenzene	98-95-3
Pentachlorobenzene	Pentachlorobenzene	608-93-5
Pentachloroethane	Pentachloroethane	76-01-7
Pentachloronitrobenzene	Pentachloronitrobenzene	82-68-8
Pentachlorophenol	Pentachlorophenol	87-86-5
Phenacetin	Phenacetin	62-44-2
Phenanthrene	Phenanthrene	85-01-8
Phenol	Phenol	108-95-2
Pronamide	Pronamide	23950-58-5
Pyrene	Pyrene	129-00-0
Pyridine	Pyridine	110-86-1
Safrole	Safrole	94-59-7
Thionazin	Thionazin	297-97-2
alpha, alpha-dimethylphenethylamine	a,a,-Dimethylphenethylamine	122-09-8
m-Cresol	Reported together as 3-methylphenol & 4-methylphenol CAS (65794-96-9)	108-39-4
m-Dichlorobenzene	1,3-Dichlorobenzene	541-73-1
m-Dinitrobenzene	1,3-Dinitrobenzene	99-65-0
m-Nitroaniline	3-Nitroaniline	99-09-2
o, o, o-Triethyl phosphorothioate	O,O,O-Triethyl phosphorothioate	126-68-1
o-Cresol	2-Methylphenol (o-Cresol)	95-48-7
o-Dichlorobenzene	1,2-Dichlorobenzene	95-50-1
o-Nitroaniline	2-Nitroaniline	88-74-4
o-Nitrophenol	2-Nitrophenol	88-75-5
o-Toluidine	o-Toluidine	95-53-4
p-(Dimethylamino)azobenzene	p-Dimethylaminoazobenzene	60-11-7
p-Chloro-m-cresol	4-Chloro-3-methylphenol	59-50-7
p-Cresol	Reported together as 3-methylphenol & 4-methylphenol (CAS 65794-96-9)	106-44-5
p-Dichlorobenzene	1,4-Dichlorobenzene	106-46-7
p-Nitroaniline	4-Nitroaniline	100-01-6
p-Nitrophenol	4-Nitrophenol	100-02-7
p-Phenylenediamine	p-Phenylenediamine	106-50-3
sym-Trinitrobenzene	1,3,5-Trinitrobenzene	99-35-4

Appendix B

Analytical Results from Baseline Sampling of ICDF Aquifer Monitoring Wells

Appendix B

Analytical Results from Baseline Sampling of ICDF Aquifer Monitoring Wells

This appendix includes the following tables:

- Table B-1. Analytical results for target Appendix IX volatile organic compounds.
- Table B-2. Analytical results for target Appendix IX semivolatile organic compounds.
- Table B-3. Analytical results for target radionuclides.
- Table B-4. Analytical results for Appendix IX metals parameters.
- Table B-5. Analytical results for major cations and anions.

Table B-1. Analytical results for target Appendix IX volatile organic compounds.

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
SEMN0201AV	SEMN0202AV	6/24/2003	ICPP-1782	1,1,1,2-Tetrachloroethane	1	U		UG/L	FIELD DUPLICATE	1,1,1,2-Tetrachloroethane
SEMN0201AV	SEMN0201AV	6/24/2003	ICPP-1782	1,1,1,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,1,2-Tetrachloroethane
SEM10001AV	SEM10102AV	9/23/2003	ICPP-1782	1,1,1,2-Tetrachloroethane	1	U		UG/L	FIELD DUPLICATE	1,1,1,2-Tetrachloroethane
SEM10001AV	SEM10101AV	9/23/2003	ICPP-1782	1,1,1,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,1,2-Tetrachloroethane
SEMN7901AV	SEMN7801AV	12/16/2003	ICPP-1782	1,1,1,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,1,2-Tetrachloroethane
AWB00701AV	AWB00801AZ	3/29/2004	ICPP-1782	1,1,1,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,1,2-Tetrachloroethane
AWB01501AZ	AWB01602AV	6/1/2004	ICPP-1782	1,1,1,2-Tetrachloroethane	1	U		UG/L	FIELD DUPLICATE	1,1,1,2-Tetrachloroethane
AWB01501AZ	AWB01601AV	6/1/2004	ICPP-1782	1,1,1,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,1,2-Tetrachloroethane
AWB02901AV	AWB02401AV	9/7/2004	ICPP-1782	1,1,1,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,1,2-Tetrachloroethane
AWB03001AV	AWB03101AV	12/21/2004	ICPP-1782	1,1,1,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,1,2-Tetrachloroethane
AWB04001AV	AWB04101AV	6/1/2005	ICPP-1782	1,1,1,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,1,2-Tetrachloroethane
AWB10101AV	AWB10201AV	9/13/2005	ICPP-1782	1,1,1,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,1,2-Tetrachloroethane
SEMN0201AV	SEMN0301AV	6/24/2003	ICPP-1783	1,1,1,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,1,2-Tetrachloroethane
SEM10001AV	SEM10801AV	9/24/2003	ICPP-1783	1,1,1,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,1,2-Tetrachloroethane
SEMN7901AV	SEMN7901AV	12/16/2003	ICPP-1783	1,1,1,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,1,2-Tetrachloroethane
AWB00701AV	AWB00901AV	3/29/2004	ICPP-1783	1,1,1,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,1,2-Tetrachloroethane
AWB01501AZ	AWB01701AV	6/2/2004	ICPP-1783	1,1,1,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,1,2-Tetrachloroethane
AWB02901AV	AWB02501AV	9/7/2004	ICPP-1783	1,1,1,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,1,2-Tetrachloroethane
AWB03001AV	AWB03201AV	12/21/2004	ICPP-1783	1,1,1,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,1,2-Tetrachloroethane
AWB04001AV	AWB04201AV	6/1/2005	ICPP-1783	1,1,1,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,1,2-Tetrachloroethane
AWB10101AV	AWB10301AV	9/13/2005	ICPP-1783	1,1,1,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,1,2-Tetrachloroethane
SEMN0201AV	SEMN0401AV	6/24/2003	ICPP-1800	1,1,1,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,1,2-Tetrachloroethane
SEM10001AV	SEM10201AV	9/24/2003	ICPP-1800	1,1,1,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,1,2-Tetrachloroethane
SEMN7901AV	SEMN8001AZ	12/17/2003	ICPP-1800	1,1,1,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,1,2-Tetrachloroethane
AWB00701AV	AWB01001AV	3/29/2004	ICPP-1800	1,1,1,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,1,2-Tetrachloroethane
AWB01501AZ	AWB01801AV	6/1/2004	ICPP-1800	1,1,1,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,1,2-Tetrachloroethane
AWB02901AV	AWB02601AZ	9/8/2004	ICPP-1800	1,1,1,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,1,2-Tetrachloroethane
AWB03001AV	AWB03301AZ	12/21/2004	ICPP-1800	1,1,1,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,1,2-Tetrachloroethane
AWB04001AV	AWB04301AV	5/31/2005	ICPP-1800	1,1,1,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,1,2-Tetrachloroethane
AWB10101AV	AWB10401AV	9/13/2005	ICPP-1800	1,1,1,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,1,2-Tetrachloroethane
SEMN0201AV	SEMN0501AZ	6/25/2003	ICPP-1829	1,1,1,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,1,2-Tetrachloroethane
SEM10001AV	SEM10301AZ(1)	9/24/2003	ICPP-1829	1,1,1,2-Tetrachloroethane	1			UG/L	GRAB	1,1,1,2-Tetrachloroethane
SEM10001AV	SEM10301AZ	9/24/2003	ICPP-1829	1,1,1,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,1,2-Tetrachloroethane
SEMN7901AV	SEMN8102AV	12/17/2003	ICPP-1829	1,1,1,2-Tetrachloroethane	1	U		UG/L	FIELD DUPLICATE	1,1,1,2-Tetrachloroethane
SEMN7901AV	SEMN8101AV	12/17/2003	ICPP-1829	1,1,1,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,1,2-Tetrachloroethane
AWB00701AV	AWB01101AV	3/29/2004	ICPP-1829	1,1,1,2-Tetrachloroethane	1	U	UJ	UG/L	GRAB	1,1,1,2-Tetrachloroethane
AWB01501AZ	AWB01901AV	6/2/2004	ICPP-1829	1,1,1,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,1,2-Tetrachloroethane
AWB02901AV	AWB02702AV	9/8/2004	ICPP-1829	1,1,1,2-Tetrachloroethane	1	U		UG/L	FIELD DUPLICATE	1,1,1,2-Tetrachloroethane
AWB02901AV	AWB02701AV	9/8/2004	ICPP-1829	1,1,1,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,1,2-Tetrachloroethane
AWB03001AV	AWB03401AV	12/21/2004	ICPP-1829	1,1,1,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,1,2-Tetrachloroethane
AWB04001AV	AWB04401AV	5/31/2005	ICPP-1829	1,1,1,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,1,2-Tetrachloroethane
AWB10101AV	AWB10501AV	9/14/2005	ICPP-1829	1,1,1,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,1,2-Tetrachloroethane
SEMN0201AV	SEMN0101AV	6/24/2003	ICPP-1831	1,1,1,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,1,2-Tetrachloroethane
SEM10001AV	SEM10001AV	9/23/2003	ICPP-1831	1,1,1,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,1,2-Tetrachloroethane
SEMN7901AV	SEMN7701AV	12/16/2003	ICPP-1831	1,1,1,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,1,2-Tetrachloroethane
AWB00701AV	AWB00702AV	3/29/2004	ICPP-1831	1,1,1,2-Tetrachloroethane	1	U		UG/L	FIELD DUPLICATE	1,1,1,2-Tetrachloroethane
AWB00701AV	AWB00701AV	3/29/2004	ICPP-1831	1,1,1,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,1,2-Tetrachloroethane
AWB01501AZ	AWB01501AZ	6/1/2004	ICPP-1831	1,1,1,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,1,2-Tetrachloroethane
AWB02901AV	AWB02301AV	9/7/2004	ICPP-1831	1,1,1,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,1,2-Tetrachloroethane
AWB03001AV	AWB03001AV	12/21/2004	ICPP-1831	1,1,1,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,1,2-Tetrachloroethane
AWB04001AV	AWB04001AV	6/1/2005	ICPP-1831	1,1,1,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,1,2-Tetrachloroethane
AWB10101AV	AWB10101AV(1)	9/13/2005	ICPP-1831	1,1,1,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,1,2-Tetrachloroethane
SEMN0201AV	SEMN0001AV	6/25/2003	USGS-123	1,1,1,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,1,2-Tetrachloroethane
SEM10001AV	SEM10901AV	9/22/2003	USGS-123	1,1,1,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,1,2-Tetrachloroethane
SEMN7901AV	SEMN7601AV	12/17/2003	USGS-123	1,1,1,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,1,2-Tetrachloroethane
AWB00701AV	AWB01201AV	3/29/2004	USGS-123	1,1,1,2-Tetrachloroethane	1	U	UJ	UG/L	GRAB	1,1,1,2-Tetrachloroethane

Table B-1. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
AWB09901AV	AWB02002AV	6/16/2004	USGS-123	1,1,1,2-Tetrachloroethane	1	U		UG/L	FIELD DUPLICATE	1,1,1,2-Tetrachloroethane
AWB09901AV	AWB02001AZ	6/16/2004	USGS-123	1,1,1,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,1,2-Tetrachloroethane
AWB09901AV	AWB02001AV	6/16/2004	USGS-123	1,1,1,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,1,2-Tetrachloroethane
AWB03001AV	AWB03502AV	12/20/2004	USGS-123	1,1,1,2-Tetrachloroethane	1	U		UG/L	FIELD DUPLICATE	1,1,1,2-Tetrachloroethane
AWB03001AV	AWB03501AV	12/20/2004	USGS-123	1,1,1,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,1,2-Tetrachloroethane
AWB03901AV	AWB03802AV	3/7/2005	USGS-123	1,1,1,2-Tetrachloroethane	1	U		UG/L	FIELD DUPLICATE	1,1,1,2-Tetrachloroethane
AWB03901AV	AWB03801A2	3/7/2005	USGS-123	1,1,1,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,1,2-Tetrachloroethane
AWB03901AV	AWB03801AV	3/7/2005	USGS-123	1,1,1,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,1,2-Tetrachloroethane
AWB04001AV	AWB04502AV	5/31/2005	USGS-123	1,1,1,2-Tetrachloroethane	1	U		UG/L	FIELD DUPLICATE	1,1,1,2-Tetrachloroethane
AWB04001AV	AWB04501AV	5/31/2005	USGS-123	1,1,1,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,1,2-Tetrachloroethane
AWB10101AV	AWB10602AV	9/14/2005	USGS-123	1,1,1,2-Tetrachloroethane	1	U		UG/L	FIELD DUPLICATE	1,1,1,2-Tetrachloroethane
AWB10101AV	AWB10601AV	9/14/2005	USGS-123	1,1,1,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,1,2-Tetrachloroethane
SEMN0201AV	SEMN0202AV	6/24/2003	ICPP-1782	1,1,1-Trichloroethane	0.1	J		UG/L	FIELD DUPLICATE	1,1,1-Trichloroethane
SEMN0201AV	SEMN0201AV	6/24/2003	ICPP-1782	1,1,1-Trichloroethane	0.1	J		UG/L	GRAB	1,1,1-Trichloroethane
SEM10001AV	SEM10102AV	9/23/2003	ICPP-1782	1,1,1-Trichloroethane	0.2	J	J	UG/L	FIELD DUPLICATE	1,1,1-Trichloroethane
SEM10001AV	SEM10101AV	9/23/2003	ICPP-1782	1,1,1-Trichloroethane	0.2	J	J	UG/L	GRAB	1,1,1-Trichloroethane
SEMN7901AV	SEMN7801AV	12/16/2003	ICPP-1782	1,1,1-Trichloroethane	1	U		UG/L	GRAB	1,1,1-Trichloroethane
AWB00701AV	AWB00801AZ	3/29/2004	ICPP-1782	1,1,1-Trichloroethane	1	U		UG/L	GRAB	1,1,1-Trichloroethane
AWB01501AZ	AWB01602AV	6/1/2004	ICPP-1782	1,1,1-Trichloroethane	1	U		UG/L	FIELD DUPLICATE	1,1,1-Trichloroethane
AWB01501AZ	AWB01601AV	6/1/2004	ICPP-1782	1,1,1-Trichloroethane	1	U		UG/L	GRAB	1,1,1-Trichloroethane
AWB02901AV	AWB02401AV	9/7/2004	ICPP-1782	1,1,1-Trichloroethane	1	U		UG/L	GRAB	1,1,1-Trichloroethane
AWB03001AV	AWB03101AV	12/21/2004	ICPP-1782	1,1,1-Trichloroethane	1.2			UG/L	GRAB	1,1,1-Trichloroethane
AWB04001AV	AWB04101AV	6/1/2005	ICPP-1782	1,1,1-Trichloroethane	1	U		UG/L	GRAB	1,1,1-Trichloroethane
AWB10101AV	AWB10201AV	9/13/2005	ICPP-1782	1,1,1-Trichloroethane	1	U		UG/L	GRAB	1,1,1-Trichloroethane
SEMN0201AV	SEMN0301AV	6/24/2003	ICPP-1783	1,1,1-Trichloroethane	0.1	J		UG/L	GRAB	1,1,1-Trichloroethane
SEM10001AV	SEM10801AV	9/24/2003	ICPP-1783	1,1,1-Trichloroethane	0.2	J	J	UG/L	GRAB	1,1,1-Trichloroethane
SEMN7901AV	SEMN7901AV	12/16/2003	ICPP-1783	1,1,1-Trichloroethane	1	U		UG/L	GRAB	1,1,1-Trichloroethane
AWB00701AV	AWB00901AV	3/29/2004	ICPP-1783	1,1,1-Trichloroethane	1	U		UG/L	GRAB	1,1,1-Trichloroethane
AWB01501AZ	AWB01701AV	6/2/2004	ICPP-1783	1,1,1-Trichloroethane	1	U		UG/L	GRAB	1,1,1-Trichloroethane
AWB02901AV	AWB02501AV	9/7/2004	ICPP-1783	1,1,1-Trichloroethane	1	U		UG/L	GRAB	1,1,1-Trichloroethane
AWB03001AV	AWB03201AV	12/21/2004	ICPP-1783	1,1,1-Trichloroethane	1.2			UG/L	GRAB	1,1,1-Trichloroethane
AWB04001AV	AWB04201AV	6/1/2005	ICPP-1783	1,1,1-Trichloroethane	1	U		UG/L	GRAB	1,1,1-Trichloroethane
AWB10101AV	AWB10301AV	9/13/2005	ICPP-1783	1,1,1-Trichloroethane	1	U		UG/L	GRAB	1,1,1-Trichloroethane
SEMN0201AV	SEMN0401AV	6/24/2003	ICPP-1800	1,1,1-Trichloroethane	0.1	J		UG/L	GRAB	1,1,1-Trichloroethane
SEM10001AV	SEM10201AV	9/24/2003	ICPP-1800	1,1,1-Trichloroethane	0.2	J	J	UG/L	GRAB	1,1,1-Trichloroethane
SEMN7901AV	SEMN8001AZ	12/17/2003	ICPP-1800	1,1,1-Trichloroethane	1	U		UG/L	GRAB	1,1,1-Trichloroethane
AWB00701AV	AWB01001AV	3/29/2004	ICPP-1800	1,1,1-Trichloroethane	1	U		UG/L	GRAB	1,1,1-Trichloroethane
AWB01501AZ	AWB01801AV	6/1/2004	ICPP-1800	1,1,1-Trichloroethane	1	U		UG/L	GRAB	1,1,1-Trichloroethane
AWB02901AV	AWB02601AZ	9/8/2004	ICPP-1800	1,1,1-Trichloroethane	1	U		UG/L	GRAB	1,1,1-Trichloroethane
AWB03001AV	AWB03301AZ	12/21/2004	ICPP-1800	1,1,1-Trichloroethane	1	U		UG/L	GRAB	1,1,1-Trichloroethane
AWB04001AV	AWB04301AV	5/31/2005	ICPP-1800	1,1,1-Trichloroethane	1	U		UG/L	GRAB	1,1,1-Trichloroethane
AWB10101AV	AWB10401AV	9/13/2005	ICPP-1800	1,1,1-Trichloroethane	1	U		UG/L	GRAB	1,1,1-Trichloroethane
SEMN0201AV	SEMN0501AZ	6/25/2003	ICPP-1829	1,1,1-Trichloroethane	0.1	J		UG/L	GRAB	1,1,1-Trichloroethane
SEM10001AV	SEM10301AZ	9/24/2003	ICPP-1829	1,1,1-Trichloroethane	0.2	J	J	UG/L	GRAB	1,1,1-Trichloroethane
SEMN7901AV	SEMN8102AV	12/17/2003	ICPP-1829	1,1,1-Trichloroethane	1	U		UG/L	FIELD DUPLICATE	1,1,1-Trichloroethane
SEMN7901AV	SEMN8101AV	12/17/2003	ICPP-1829	1,1,1-Trichloroethane	1	U		UG/L	GRAB	1,1,1-Trichloroethane
AWB00701AV	AWB01101AV	3/29/2004	ICPP-1829	1,1,1-Trichloroethane	1	U	UJ	UG/L	GRAB	1,1,1-Trichloroethane
AWB01501AZ	AWB01901AV	6/2/2004	ICPP-1829	1,1,1-Trichloroethane	1	U		UG/L	GRAB	1,1,1-Trichloroethane
AWB02901AV	AWB02702AV	9/8/2004	ICPP-1829	1,1,1-Trichloroethane	1	U		UG/L	FIELD DUPLICATE	1,1,1-Trichloroethane
AWB02901AV	AWB02701AV	9/8/2004	ICPP-1829	1,1,1-Trichloroethane	1	U		UG/L	GRAB	1,1,1-Trichloroethane
AWB03001AV	AWB03401AV	12/21/2004	ICPP-1829	1,1,1-Trichloroethane	1.3			UG/L	GRAB	1,1,1-Trichloroethane
AWB04001AV	AWB04401AV	5/31/2005	ICPP-1829	1,1,1-Trichloroethane	1	U		UG/L	GRAB	1,1,1-Trichloroethane
AWB10101AV	AWB10501AV	9/14/2005	ICPP-1829	1,1,1-Trichloroethane	1	U		UG/L	GRAB	1,1,1-Trichloroethane
SEMN0201AV	SEMN0101AV	6/24/2003	ICPP-1831	1,1,1-Trichloroethane	0.2	J		UG/L	GRAB	1,1,1-Trichloroethane
SEM10001AV	SEM10001AV	9/23/2003	ICPP-1831	1,1,1-Trichloroethane	0.2	J	J	UG/L	GRAB	1,1,1-Trichloroethane
SEMN7901AV	SEMN7701AV	12/16/2003	ICPP-1831	1,1,1-Trichloroethane	1	U		UG/L	GRAB	1,1,1-Trichloroethane
AWB00701AV	AWB00702AV	3/29/2004	ICPP-1831	1,1,1-Trichloroethane	1	U		UG/L	FIELD DUPLICATE	1,1,1-Trichloroethane
AWB00701AV	AWB00701AV	3/29/2004	ICPP-1831	1,1,1-Trichloroethane	1	U		UG/L	GRAB	1,1,1-Trichloroethane

Table B-1. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
AWB01501AZ	AWB01501AZ	6/1/2004	ICPP-1831	1,1,1-Trichloroethane	1	U		UG/L	GRAB	1,1,1-Trichloroethane
AWB02901AV	AWB02301AV	9/7/2004	ICPP-1831	1,1,1-Trichloroethane	1	U		UG/L	GRAB	1,1,1-Trichloroethane
AWB03001AV	AWB03001AV	12/21/2004	ICPP-1831	1,1,1-Trichloroethane	1.3			UG/L	GRAB	1,1,1-Trichloroethane
AWB04001AV	AWB04001AV	6/1/2005	ICPP-1831	1,1,1-Trichloroethane	1	U		UG/L	GRAB	1,1,1-Trichloroethane
AWB10101AV	AWB10101AV(1)	9/13/2005	ICPP-1831	1,1,1-Trichloroethane	1	U		UG/L	GRAB	1,1,1-Trichloroethane
SEMN0201AV	SEMN0001AV	6/25/2003	USGS-123	1,1,1-Trichloroethane	0.2	J		UG/L	GRAB	1,1,1-Trichloroethane
SEM10001AV	SEM10901AV	9/22/2003	USGS-123	1,1,1-Trichloroethane	0.2	J	J	UG/L	GRAB	1,1,1-Trichloroethane
SEMN7901AV	SEMN7601AV	12/17/2003	USGS-123	1,1,1-Trichloroethane	1	U		UG/L	GRAB	1,1,1-Trichloroethane
AWB00701AV	AWB01201AV	3/29/2004	USGS-123	1,1,1-Trichloroethane	1	U	UJ	UG/L	GRAB	1,1,1-Trichloroethane
AWB09901AV	AWB02002AV	6/16/2004	USGS-123	1,1,1-Trichloroethane	1	U		UG/L	FIELD DUPLICATE	1,1,1-Trichloroethane
AWB09901AV	AWB02001AZ	6/16/2004	USGS-123	1,1,1-Trichloroethane	1	U		UG/L	GRAB	1,1,1-Trichloroethane
AWB09901AV	AWB02001AV	6/16/2004	USGS-123	1,1,1-Trichloroethane	1	U		UG/L	GRAB	1,1,1-Trichloroethane
AWB03001AV	AWB03502AV	12/20/2004	USGS-123	1,1,1-Trichloroethane	1.2			UG/L	FIELD DUPLICATE	1,1,1-Trichloroethane
AWB03001AV	AWB03501AV	12/20/2004	USGS-123	1,1,1-Trichloroethane	1.2			UG/L	GRAB	1,1,1-Trichloroethane
AWB03901AV	AWB03802AV	3/7/2005	USGS-123	1,1,1-Trichloroethane	1	U		UG/L	FIELD DUPLICATE	1,1,1-Trichloroethane
AWB03901AV	AWB03801A2	3/7/2005	USGS-123	1,1,1-Trichloroethane	1	U		UG/L	GRAB	1,1,1-Trichloroethane
AWB03901AV	AWB03801AV	3/7/2005	USGS-123	1,1,1-Trichloroethane	1	U		UG/L	GRAB	1,1,1-Trichloroethane
AWB04001AV	AWB04502AV	5/31/2005	USGS-123	1,1,1-Trichloroethane	1	U		UG/L	FIELD DUPLICATE	1,1,1-Trichloroethane
AWB04001AV	AWB04501AV	5/31/2005	USGS-123	1,1,1-Trichloroethane	1	U		UG/L	GRAB	1,1,1-Trichloroethane
AWB10101AV	AWB10602AV	9/14/2005	USGS-123	1,1,1-Trichloroethane	1	U		UG/L	FIELD DUPLICATE	1,1,1-Trichloroethane
AWB10101AV	AWB10601AV	9/14/2005	USGS-123	1,1,1-Trichloroethane	1	U		UG/L	GRAB	1,1,1-Trichloroethane
SEMN0201AV	SEMN0202AV	6/24/2003	ICPP-1782	1,1,2,2-Tetrachloroethane	1	U		UG/L	FIELD DUPLICATE	1,1,2,2-Tetrachloroethane
SEMN0201AV	SEMN0201AV	6/24/2003	ICPP-1782	1,1,2,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,2,2-Tetrachloroethane
SEM10001AV	SEM10102AV	9/23/2003	ICPP-1782	1,1,2,2-Tetrachloroethane	1	U		UG/L	FIELD DUPLICATE	1,1,2,2-Tetrachloroethane
SEM10001AV	SEM10101AV	9/23/2003	ICPP-1782	1,1,2,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,2,2-Tetrachloroethane
SEMN7901AV	SEMN7801AV	12/16/2003	ICPP-1782	1,1,2,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,2,2-Tetrachloroethane
AWB00701AV	AWB00801AZ	3/29/2004	ICPP-1782	1,1,2,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,2,2-Tetrachloroethane
AWB01501AZ	AWB01602AV	6/1/2004	ICPP-1782	1,1,2,2-Tetrachloroethane	1	U		UG/L	FIELD DUPLICATE	1,1,2,2-Tetrachloroethane
AWB01501AZ	AWB01601AV	6/1/2004	ICPP-1782	1,1,2,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,2,2-Tetrachloroethane
AWB02901AV	AWB02401AV	9/7/2004	ICPP-1782	1,1,2,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,2,2-Tetrachloroethane
AWB03001AV	AWB03101AV	12/21/2004	ICPP-1782	1,1,2,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,2,2-Tetrachloroethane
AWB04001AV	AWB04101AV	6/1/2005	ICPP-1782	1,1,2,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,2,2-Tetrachloroethane
AWB10101AV	AWB10201AV	9/13/2005	ICPP-1782	1,1,2,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,2,2-Tetrachloroethane
SEMN0201AV	SEMN0301AV	6/24/2003	ICPP-1783	1,1,2,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,2,2-Tetrachloroethane
SEM10001AV	SEM10801AV	9/24/2003	ICPP-1783	1,1,2,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,2,2-Tetrachloroethane
SEMN7901AV	SEMN7901AV	12/16/2003	ICPP-1783	1,1,2,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,2,2-Tetrachloroethane
AWB00701AV	AWB00901AV	3/29/2004	ICPP-1783	1,1,2,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,2,2-Tetrachloroethane
AWB01501AZ	AWB01701AV	6/2/2004	ICPP-1783	1,1,2,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,2,2-Tetrachloroethane
AWB02901AV	AWB02501AV	9/7/2004	ICPP-1783	1,1,2,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,2,2-Tetrachloroethane
AWB03001AV	AWB03201AV	12/21/2004	ICPP-1783	1,1,2,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,2,2-Tetrachloroethane
AWB04001AV	AWB04201AV	6/1/2005	ICPP-1783	1,1,2,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,2,2-Tetrachloroethane
AWB10101AV	AWB10301AV	9/13/2005	ICPP-1783	1,1,2,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,2,2-Tetrachloroethane
SEMN0201AV	SEMN0401AV	6/24/2003	ICPP-1800	1,1,2,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,2,2-Tetrachloroethane
SEM10001AV	SEM10201AV	9/24/2003	ICPP-1800	1,1,2,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,2,2-Tetrachloroethane
SEMN7901AV	SEMN8001AZ	12/17/2003	ICPP-1800	1,1,2,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,2,2-Tetrachloroethane
AWB00701AV	AWB01001AV	3/29/2004	ICPP-1800	1,1,2,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,2,2-Tetrachloroethane
AWB01501AZ	AWB01801AV	6/1/2004	ICPP-1800	1,1,2,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,2,2-Tetrachloroethane
AWB02901AV	AWB02601AZ	9/8/2004	ICPP-1800	1,1,2,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,2,2-Tetrachloroethane
AWB03001AV	AWB03301AZ	12/21/2004	ICPP-1800	1,1,2,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,2,2-Tetrachloroethane
AWB04001AV	AWB04301AV	5/31/2005	ICPP-1800	1,1,2,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,2,2-Tetrachloroethane
AWB10101AV	AWB10401AV	9/13/2005	ICPP-1800	1,1,2,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,2,2-Tetrachloroethane
SEMN0201AV	SEMN0501AZ	6/25/2003	ICPP-1829	1,1,2,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,2,2-Tetrachloroethane
SEM10001AV	SEM10301AZ	9/24/2003	ICPP-1829	1,1,2,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,2,2-Tetrachloroethane
SEMN7901AV	SEMN8102AV	12/17/2003	ICPP-1829	1,1,2,2-Tetrachloroethane	1	U		UG/L	FIELD DUPLICATE	1,1,2,2-Tetrachloroethane
SEMN7901AV	SEMN8101AV	12/17/2003	ICPP-1829	1,1,2,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,2,2-Tetrachloroethane
AWB00701AV	AWB01101AV	3/29/2004	ICPP-1829	1,1,2,2-Tetrachloroethane	1	U	UJ	UG/L	GRAB	1,1,2,2-Tetrachloroethane
AWB01501AZ	AWB01901AV	6/2/2004	ICPP-1829	1,1,2,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,2,2-Tetrachloroethane

Table B-1. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
AWB02901AV	AWB02702AV	9/8/2004	ICPP-1829	1,1,2,2-Tetrachloroethane	1	U		UG/L	FIELD DUPLICATE	1,1,2,2-Tetrachloroethane
AWB02901AV	AWB02701AV	9/8/2004	ICPP-1829	1,1,2,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,2,2-Tetrachloroethane
AWB03001AV	AWB03401AV	12/21/2004	ICPP-1829	1,1,2,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,2,2-Tetrachloroethane
AWB04001AV	AWB04401AV	5/31/2005	ICPP-1829	1,1,2,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,2,2-Tetrachloroethane
AWB10101AV	AWB10501AV	9/14/2005	ICPP-1829	1,1,2,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,2,2-Tetrachloroethane
SEMN0201AV	SEMN0101AV	6/24/2003	ICPP-1831	1,1,2,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,2,2-Tetrachloroethane
SEM10001AV	SEM10001AV	9/23/2003	ICPP-1831	1,1,2,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,2,2-Tetrachloroethane
SEMN7901AV	SEMN7701AV	12/16/2003	ICPP-1831	1,1,2,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,2,2-Tetrachloroethane
AWB00701AV	AWB00702AV	3/29/2004	ICPP-1831	1,1,2,2-Tetrachloroethane	1	U		UG/L	FIELD DUPLICATE	1,1,2,2-Tetrachloroethane
AWB00701AV	AWB00701AV	3/29/2004	ICPP-1831	1,1,2,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,2,2-Tetrachloroethane
AWB01501AZ	AWB01501AZ	6/1/2004	ICPP-1831	1,1,2,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,2,2-Tetrachloroethane
AWB02901AV	AWB02301AV	9/7/2004	ICPP-1831	1,1,2,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,2,2-Tetrachloroethane
AWB03001AV	AWB03001AV	12/21/2004	ICPP-1831	1,1,2,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,2,2-Tetrachloroethane
AWB04001AV	AWB04001AV	6/1/2005	ICPP-1831	1,1,2,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,2,2-Tetrachloroethane
AWB10101AV	AWB10101AV(1)	9/13/2005	ICPP-1831	1,1,2,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,2,2-Tetrachloroethane
SEMN0201AV	SEMN0001AV	6/25/2003	USGS-123	1,1,2,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,2,2-Tetrachloroethane
SEM10001AV	SEM10901AV	9/22/2003	USGS-123	1,1,2,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,2,2-Tetrachloroethane
SEMN7901AV	SEMN7601AV	12/17/2003	USGS-123	1,1,2,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,2,2-Tetrachloroethane
AWB00701AV	AWB01201AV	3/29/2004	USGS-123	1,1,2,2-Tetrachloroethane	1	U	UJ	UG/L	GRAB	1,1,2,2-Tetrachloroethane
AWB09901AV	AWB02002AV	6/16/2004	USGS-123	1,1,2,2-Tetrachloroethane	1	U		UG/L	FIELD DUPLICATE	1,1,2,2-Tetrachloroethane
AWB09901AV	AWB02001AZ	6/16/2004	USGS-123	1,1,2,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,2,2-Tetrachloroethane
AWB09901AV	AWB02001AV	6/16/2004	USGS-123	1,1,2,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,2,2-Tetrachloroethane
AWB03001AV	AWB03502AV	12/20/2004	USGS-123	1,1,2,2-Tetrachloroethane	1	U		UG/L	FIELD DUPLICATE	1,1,2,2-Tetrachloroethane
AWB03001AV	AWB03501AV	12/20/2004	USGS-123	1,1,2,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,2,2-Tetrachloroethane
AWB03901AV	AWB03802AV	3/7/2005	USGS-123	1,1,2,2-Tetrachloroethane	1	U		UG/L	FIELD DUPLICATE	1,1,2,2-Tetrachloroethane
AWB03901AV	AWB03801A2	3/7/2005	USGS-123	1,1,2,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,2,2-Tetrachloroethane
AWB03901AV	AWB03801AV	3/7/2005	USGS-123	1,1,2,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,2,2-Tetrachloroethane
AWB04001AV	AWB04502AV	5/31/2005	USGS-123	1,1,2,2-Tetrachloroethane	1	U		UG/L	FIELD DUPLICATE	1,1,2,2-Tetrachloroethane
AWB04001AV	AWB04501AV	5/31/2005	USGS-123	1,1,2,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,2,2-Tetrachloroethane
AWB10101AV	AWB10602AV	9/14/2005	USGS-123	1,1,2,2-Tetrachloroethane	1	U		UG/L	FIELD DUPLICATE	1,1,2,2-Tetrachloroethane
AWB10101AV	AWB10601AV	9/14/2005	USGS-123	1,1,2,2-Tetrachloroethane	1	U		UG/L	GRAB	1,1,2,2-Tetrachloroethane
SEMN0201AV	SEMN0202AV	6/24/2003	ICPP-1782	1,1,2-Trichloroethane	1	U		UG/L	FIELD DUPLICATE	1,1,2-Trichloroethane
SEMN0201AV	SEMN0201AV	6/24/2003	ICPP-1782	1,1,2-Trichloroethane	1	U		UG/L	GRAB	1,1,2-Trichloroethane
SEM10001AV	SEM10102AV	9/23/2003	ICPP-1782	1,1,2-Trichloroethane	1	U		UG/L	FIELD DUPLICATE	1,1,2-Trichloroethane
SEM10001AV	SEM10101AV	9/23/2003	ICPP-1782	1,1,2-Trichloroethane	1	U		UG/L	GRAB	1,1,2-Trichloroethane
SEMN7901AV	SEMN7801AV	12/16/2003	ICPP-1782	1,1,2-Trichloroethane	1	U		UG/L	GRAB	1,1,2-Trichloroethane
AWB00701AV	AWB00801AZ	3/29/2004	ICPP-1782	1,1,2-Trichloroethane	1	U		UG/L	GRAB	1,1,2-Trichloroethane
AWB01501AZ	AWB01602AV	6/1/2004	ICPP-1782	1,1,2-Trichloroethane	1	U	UJ	UG/L	FIELD DUPLICATE	1,1,2-Trichloroethane
AWB01501AZ	AWB01601AV	6/1/2004	ICPP-1782	1,1,2-Trichloroethane	1	U	UJ	UG/L	GRAB	1,1,2-Trichloroethane
AWB02901AV	AWB02401AV	9/7/2004	ICPP-1782	1,1,2-Trichloroethane	1	U	UJ	UG/L	GRAB	1,1,2-Trichloroethane
AWB03001AV	AWB03101AV	12/21/2004	ICPP-1782	1,1,2-Trichloroethane	1	U		UG/L	GRAB	1,1,2-Trichloroethane
AWB04001AV	AWB04101AV	6/1/2005	ICPP-1782	1,1,2-Trichloroethane	1	U		UG/L	GRAB	1,1,2-Trichloroethane
AWB10101AV	AWB10201AV	9/13/2005	ICPP-1782	1,1,2-Trichloroethane	1	U		UG/L	GRAB	1,1,2-Trichloroethane
SEMN0201AV	SEMN0301AV	6/24/2003	ICPP-1783	1,1,2-Trichloroethane	1	U		UG/L	GRAB	1,1,2-Trichloroethane
SEM10001AV	SEM10801AV	9/24/2003	ICPP-1783	1,1,2-Trichloroethane	1	U		UG/L	GRAB	1,1,2-Trichloroethane
SEMN7901AV	SEMN7901AV	12/16/2003	ICPP-1783	1,1,2-Trichloroethane	1	U		UG/L	GRAB	1,1,2-Trichloroethane
AWB00701AV	AWB00901AV	3/29/2004	ICPP-1783	1,1,2-Trichloroethane	1	U		UG/L	GRAB	1,1,2-Trichloroethane
AWB01501AZ	AWB01701AV	6/2/2004	ICPP-1783	1,1,2-Trichloroethane	1	U	UJ	UG/L	GRAB	1,1,2-Trichloroethane
AWB02901AV	AWB02501AV	9/7/2004	ICPP-1783	1,1,2-Trichloroethane	1	U	UJ	UG/L	GRAB	1,1,2-Trichloroethane
AWB03001AV	AWB03201AV	12/21/2004	ICPP-1783	1,1,2-Trichloroethane	1	U		UG/L	GRAB	1,1,2-Trichloroethane
AWB04001AV	AWB04201AV	6/1/2005	ICPP-1783	1,1,2-Trichloroethane	1	U		UG/L	GRAB	1,1,2-Trichloroethane
AWB10101AV	AWB10301AV	9/13/2005	ICPP-1783	1,1,2-Trichloroethane	1	U		UG/L	GRAB	1,1,2-Trichloroethane
SEMN0201AV	SEMN0401AV	6/24/2003	ICPP-1800	1,1,2-Trichloroethane	1	U		UG/L	GRAB	1,1,2-Trichloroethane
SEM10001AV	SEM10201AV	9/24/2003	ICPP-1800	1,1,2-Trichloroethane	1	U		UG/L	GRAB	1,1,2-Trichloroethane
SEMN7901AV	SEMN8001AZ	12/17/2003	ICPP-1800	1,1,2-Trichloroethane	1	U		UG/L	GRAB	1,1,2-Trichloroethane
AWB00701AV	AWB01001AV	3/29/2004	ICPP-1800	1,1,2-Trichloroethane	1	U		UG/L	GRAB	1,1,2-Trichloroethane
AWB01501AZ	AWB01801AV	6/1/2004	ICPP-1800	1,1,2-Trichloroethane	1	U	UJ	UG/L	GRAB	1,1,2-Trichloroethane

Table B-1. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
AWB02901AV	AWB02601AZ	9/8/2004	ICPP-1800	1,1,2-Trichloroethane	1	U	UJ	UG/L	GRAB	1,1,2-Trichloroethane
AWB03001AV	AWB03301AZ	12/21/2004	ICPP-1800	1,1,2-Trichloroethane	1	U		UG/L	GRAB	1,1,2-Trichloroethane
AWB04001AV	AWB04301AV	5/31/2005	ICPP-1800	1,1,2-Trichloroethane	1	U		UG/L	GRAB	1,1,2-Trichloroethane
AWB10101AV	AWB10401AV	9/13/2005	ICPP-1800	1,1,2-Trichloroethane	1	U		UG/L	GRAB	1,1,2-Trichloroethane
SEMN0201AV	SEMN0501AZ	6/25/2003	ICPP-1829	1,1,2-Trichloroethane	1	U		UG/L	GRAB	1,1,2-Trichloroethane
SEM10001AV	SEM10301AZ	9/24/2003	ICPP-1829	1,1,2-Trichloroethane	1	U		UG/L	GRAB	1,1,2-Trichloroethane
SEMN7901AV	SEMN8102AV	12/17/2003	ICPP-1829	1,1,2-Trichloroethane	1	U		UG/L	FIELD DUPLICATE	1,1,2-Trichloroethane
SEMN7901AV	SEMN8101AV	12/17/2003	ICPP-1829	1,1,2-Trichloroethane	1	U		UG/L	GRAB	1,1,2-Trichloroethane
AWB00701AV	AWB01101AV	3/29/2004	ICPP-1829	1,1,2-Trichloroethane	1	U	UJ	UG/L	GRAB	1,1,2-Trichloroethane
AWB01501AZ	AWB01901AV	6/2/2004	ICPP-1829	1,1,2-Trichloroethane	1	U	UJ	UG/L	GRAB	1,1,2-Trichloroethane
AWB02901AV	AWB02702AV	9/8/2004	ICPP-1829	1,1,2-Trichloroethane	1	U	UJ	UG/L	FIELD DUPLICATE	1,1,2-Trichloroethane
AWB02901AV	AWB02701AV	9/8/2004	ICPP-1829	1,1,2-Trichloroethane	1	U	UJ	UG/L	GRAB	1,1,2-Trichloroethane
AWB03001AV	AWB03401AV	12/21/2004	ICPP-1829	1,1,2-Trichloroethane	1	U		UG/L	GRAB	1,1,2-Trichloroethane
AWB04001AV	AWB04401AV	5/31/2005	ICPP-1829	1,1,2-Trichloroethane	1	U		UG/L	GRAB	1,1,2-Trichloroethane
AWB10101AV	AWB10501AV	9/14/2005	ICPP-1829	1,1,2-Trichloroethane	1	U		UG/L	GRAB	1,1,2-Trichloroethane
SEMN0201AV	SEMN0101AV	6/24/2003	ICPP-1831	1,1,2-Trichloroethane	1	U		UG/L	GRAB	1,1,2-Trichloroethane
SEM10001AV	SEM10001AV	9/23/2003	ICPP-1831	1,1,2-Trichloroethane	1	U		UG/L	GRAB	1,1,2-Trichloroethane
SEMN7901AV	SEMN7701AV	12/16/2003	ICPP-1831	1,1,2-Trichloroethane	1	U		UG/L	GRAB	1,1,2-Trichloroethane
AWB00701AV	AWB00702AV	3/29/2004	ICPP-1831	1,1,2-Trichloroethane	1	U		UG/L	FIELD DUPLICATE	1,1,2-Trichloroethane
AWB00701AV	AWB00701AV	3/29/2004	ICPP-1831	1,1,2-Trichloroethane	1	U		UG/L	GRAB	1,1,2-Trichloroethane
AWB01501AZ	AWB01501AZ	6/1/2004	ICPP-1831	1,1,2-Trichloroethane	1	U	UJ	UG/L	GRAB	1,1,2-Trichloroethane
AWB02901AV	AWB02301AV	9/7/2004	ICPP-1831	1,1,2-Trichloroethane	1	U	UJ	UG/L	GRAB	1,1,2-Trichloroethane
AWB03001AV	AWB03001AV	12/21/2004	ICPP-1831	1,1,2-Trichloroethane	1	U		UG/L	GRAB	1,1,2-Trichloroethane
AWB04001AV	AWB04001AV	6/1/2005	ICPP-1831	1,1,2-Trichloroethane	1	U		UG/L	GRAB	1,1,2-Trichloroethane
AWB10101AV	AWB10101AV(1)	9/13/2005	ICPP-1831	1,1,2-Trichloroethane	1	U		UG/L	GRAB	1,1,2-Trichloroethane
SEMN0201AV	SEMN0001AV	6/25/2003	USGS-123	1,1,2-Trichloroethane	1	U		UG/L	GRAB	1,1,2-Trichloroethane
SEM10001AV	SEM10901AV	9/22/2003	USGS-123	1,1,2-Trichloroethane	1	U		UG/L	GRAB	1,1,2-Trichloroethane
SEMN7901AV	SEMN7601AV	12/17/2003	USGS-123	1,1,2-Trichloroethane	1	U		UG/L	GRAB	1,1,2-Trichloroethane
AWB00701AV	AWB01201AV	3/29/2004	USGS-123	1,1,2-Trichloroethane	1	U	UJ	UG/L	GRAB	1,1,2-Trichloroethane
AWB09901AV	AWB02002AV	6/16/2004	USGS-123	1,1,2-Trichloroethane	1	U		UG/L	FIELD DUPLICATE	1,1,2-Trichloroethane
AWB09901AV	AWB02001AZ	6/16/2004	USGS-123	1,1,2-Trichloroethane	1	U		UG/L	GRAB	1,1,2-Trichloroethane
AWB09901AV	AWB02001AV	6/16/2004	USGS-123	1,1,2-Trichloroethane	1	U		UG/L	GRAB	1,1,2-Trichloroethane
AWB03001AV	AWB03502AV	12/20/2004	USGS-123	1,1,2-Trichloroethane	1	U		UG/L	FIELD DUPLICATE	1,1,2-Trichloroethane
AWB03001AV	AWB03501AV	12/20/2004	USGS-123	1,1,2-Trichloroethane	1	U		UG/L	GRAB	1,1,2-Trichloroethane
AWB03901AV	AWB03802AV	3/7/2005	USGS-123	1,1,2-Trichloroethane	1	U		UG/L	FIELD DUPLICATE	1,1,2-Trichloroethane
AWB03901AV	AWB03801A2	3/7/2005	USGS-123	1,1,2-Trichloroethane	1	U		UG/L	GRAB	1,1,2-Trichloroethane
AWB03901AV	AWB03801AV	3/7/2005	USGS-123	1,1,2-Trichloroethane	1	U		UG/L	GRAB	1,1,2-Trichloroethane
AWB04001AV	AWB04502AV	5/31/2005	USGS-123	1,1,2-Trichloroethane	1	U		UG/L	FIELD DUPLICATE	1,1,2-Trichloroethane
AWB04001AV	AWB04501AV	5/31/2005	USGS-123	1,1,2-Trichloroethane	1	U		UG/L	GRAB	1,1,2-Trichloroethane
AWB10101AV	AWB10602AV	9/14/2005	USGS-123	1,1,2-Trichloroethane	1	U		UG/L	FIELD DUPLICATE	1,1,2-Trichloroethane
AWB10101AV	AWB10601AV	9/14/2005	USGS-123	1,1,2-Trichloroethane	1	U		UG/L	GRAB	1,1,2-Trichloroethane
SEMN0201AV	SEMN0202AV	6/24/2003	ICPP-1782	1,1-Dichloroethane	1	U		UG/L	FIELD DUPLICATE	1,1-Dichloroethane
SEMN0201AV	SEMN0201AV	6/24/2003	ICPP-1782	1,1-Dichloroethane	1	U		UG/L	GRAB	1,1-Dichloroethane
SEM10001AV	SEM10102AV	9/23/2003	ICPP-1782	1,1-Dichloroethane	1	U		UG/L	FIELD DUPLICATE	1,1-Dichloroethane
SEM10001AV	SEM10101AV	9/23/2003	ICPP-1782	1,1-Dichloroethane	1	U		UG/L	GRAB	1,1-Dichloroethane
SEMN7901AV	SEMN7801AV	12/16/2003	ICPP-1782	1,1-Dichloroethane	1	U		UG/L	GRAB	1,1-Dichloroethane
AWB00701AV	AWB00801AZ	3/29/2004	ICPP-1782	1,1-Dichloroethane	1	U		UG/L	GRAB	1,1-Dichloroethane
AWB01501AZ	AWB01602AV	6/1/2004	ICPP-1782	1,1-Dichloroethane	1	U		UG/L	FIELD DUPLICATE	1,1-Dichloroethane
AWB01501AZ	AWB01601AV	6/1/2004	ICPP-1782	1,1-Dichloroethane	1	U		UG/L	GRAB	1,1-Dichloroethane
AWB02901AV	AWB02401AV	9/7/2004	ICPP-1782	1,1-Dichloroethane	1	U		UG/L	GRAB	1,1-Dichloroethane
AWB03001AV	AWB03101AV	12/21/2004	ICPP-1782	1,1-Dichloroethane	1	U		UG/L	GRAB	1,1-Dichloroethane
AWB04001AV	AWB04101AV	6/1/2005	ICPP-1782	1,1-Dichloroethane	1	U		UG/L	GRAB	1,1-Dichloroethane
AWB10101AV	AWB10201AV	9/13/2005	ICPP-1782	1,1-Dichloroethane	1	U		UG/L	GRAB	1,1-Dichloroethane
SEMN0201AV	SEMN0301AV	6/24/2003	ICPP-1783	1,1-Dichloroethane	1	U		UG/L	GRAB	1,1-Dichloroethane
SEM10001AV	SEM10801AV	9/24/2003	ICPP-1783	1,1-Dichloroethane	1	U		UG/L	GRAB	1,1-Dichloroethane
SEMN7901AV	SEMN7901AV	12/16/2003	ICPP-1783	1,1-Dichloroethane	1	U		UG/L	GRAB	1,1-Dichloroethane
AWB00701AV	AWB00901AV	3/29/2004	ICPP-1783	1,1-Dichloroethane	1	U		UG/L	GRAB	1,1-Dichloroethane

Table B-1. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
AWB01501AZ	AWB01701AV	6/2/2004	ICPP-1783	1,1-Dichloroethene	1	U		UG/L	GRAB	1,1-Dichloroethene
AWB02901AV	AWB02501AV	9/7/2004	ICPP-1783	1,1-Dichloroethene	1	U		UG/L	GRAB	1,1-Dichloroethene
AWB03001AV	AWB03201AV	12/21/2004	ICPP-1783	1,1-Dichloroethene	1	U		UG/L	GRAB	1,1-Dichloroethene
AWB04001AV	AWB04201AV	6/1/2005	ICPP-1783	1,1-Dichloroethene	1	U		UG/L	GRAB	1,1-Dichloroethene
AWB10101AV	AWB10301AV	9/13/2005	ICPP-1783	1,1-Dichloroethene	1	U		UG/L	GRAB	1,1-Dichloroethene
SEMN0201AV	SEMN0401AV	6/24/2003	ICPP-1800	1,1-Dichloroethene	1	U		UG/L	GRAB	1,1-Dichloroethene
SEM10001AV	SEM10201AV	9/24/2003	ICPP-1800	1,1-Dichloroethene	1	U		UG/L	GRAB	1,1-Dichloroethene
SEMN7901AV	SEMN8001AZ	12/17/2003	ICPP-1800	1,1-Dichloroethene	1	U		UG/L	GRAB	1,1-Dichloroethylene
AWB00701AV	AWB01001AV	3/29/2004	ICPP-1800	1,1-Dichloroethene	1	U		UG/L	GRAB	1,1-Dichloroethene
AWB01501AZ	AWB01801AV	6/1/2004	ICPP-1800	1,1-Dichloroethene	1	U		UG/L	GRAB	1,1-Dichloroethene
AWB02901AV	AWB02601AZ	9/8/2004	ICPP-1800	1,1-Dichloroethene	1	U		UG/L	GRAB	1,1-Dichloroethene
AWB03001AV	AWB03301AZ	12/21/2004	ICPP-1800	1,1-Dichloroethene	1	U		UG/L	GRAB	1,1-Dichloroethene
AWB04001AV	AWB04301AV	5/31/2005	ICPP-1800	1,1-Dichloroethene	1	U		UG/L	GRAB	1,1-Dichloroethene
AWB10101AV	AWB10401AV	9/13/2005	ICPP-1800	1,1-Dichloroethene	1	U		UG/L	GRAB	1,1-Dichloroethene
SEMN0201AV	SEMN0501AZ	6/25/2003	ICPP-1829	1,1-Dichloroethene	1	U		UG/L	GRAB	1,1-Dichloroethene
SEM10001AV	SEM10301AZ	9/24/2003	ICPP-1829	1,1-Dichloroethene	1	U		UG/L	GRAB	1,1-Dichloroethene
SEMN7901AV	SEMN8102AV	12/17/2003	ICPP-1829	1,1-Dichloroethene	1	U		UG/L	FIELD DUPLICATE	1,1-Dichloroethylene
SEMN7901AV	SEMN8101AV	12/17/2003	ICPP-1829	1,1-Dichloroethene	1	U		UG/L	GRAB	1,1-Dichloroethylene
AWB00701AV	AWB01101AV	3/29/2004	ICPP-1829	1,1-Dichloroethene	1	U		UG/L	GRAB	1,1-Dichloroethene
AWB01501AZ	AWB01901AV	6/2/2004	ICPP-1829	1,1-Dichloroethene	1	U		UG/L	GRAB	1,1-Dichloroethene
AWB02901AV	AWB02702AV	9/8/2004	ICPP-1829	1,1-Dichloroethene	1	U		UG/L	FIELD DUPLICATE	1,1-Dichloroethene
AWB02901AV	AWB02701AV	9/8/2004	ICPP-1829	1,1-Dichloroethene	1	U		UG/L	GRAB	1,1-Dichloroethene
AWB03001AV	AWB03401AV	12/21/2004	ICPP-1829	1,1-Dichloroethene	1	U		UG/L	GRAB	1,1-Dichloroethene
AWB04001AV	AWB04401AV	5/31/2005	ICPP-1829	1,1-Dichloroethene	1	U		UG/L	GRAB	1,1-Dichloroethene
AWB10101AV	AWB10501AV	9/14/2005	ICPP-1829	1,1-Dichloroethene	1	U		UG/L	GRAB	1,1-Dichloroethene
SEMN0201AV	SEMN0101AV	6/24/2003	ICPP-1831	1,1-Dichloroethene	1	U		UG/L	GRAB	1,1-Dichloroethene
SEM10001AV	SEM10001AV	9/23/2003	ICPP-1831	1,1-Dichloroethene	1	U		UG/L	GRAB	1,1-Dichloroethene
SEMN7901AV	SEMN7701AV	12/16/2003	ICPP-1831	1,1-Dichloroethene	1	U		UG/L	GRAB	1,1-Dichloroethylene
AWB00701AV	AWB00702AV	3/29/2004	ICPP-1831	1,1-Dichloroethene	1	U		UG/L	FIELD DUPLICATE	1,1-Dichloroethene
AWB00701AV	AWB00701AV	3/29/2004	ICPP-1831	1,1-Dichloroethene	1	U		UG/L	GRAB	1,1-Dichloroethene
AWB01501AZ	AWB01501AZ	6/1/2004	ICPP-1831	1,1-Dichloroethene	1	U		UG/L	GRAB	1,1-Dichloroethene
AWB02901AV	AWB02301AV	9/7/2004	ICPP-1831	1,1-Dichloroethene	1	U		UG/L	GRAB	1,1-Dichloroethene
AWB03001AV	AWB03001AV	12/21/2004	ICPP-1831	1,1-Dichloroethene	1	U		UG/L	GRAB	1,1-Dichloroethene
AWB04001AV	AWB04001AV	6/1/2005	ICPP-1831	1,1-Dichloroethene	1	U		UG/L	GRAB	1,1-Dichloroethene
AWB10101AV	AWB10101AV(1)	9/13/2005	ICPP-1831	1,1-Dichloroethene	1	U		UG/L	GRAB	1,1-Dichloroethene
SEMN0201AV	SEMN0001AV	6/25/2003	USGS-123	1,1-Dichloroethene	1	U		UG/L	GRAB	1,1-Dichloroethene
SEM10001AV	SEM10901AV	9/22/2003	USGS-123	1,1-Dichloroethene	1	U		UG/L	GRAB	1,1-Dichloroethene
SEMN7901AV	SEMN7601AV	12/17/2003	USGS-123	1,1-Dichloroethene	1	U		UG/L	GRAB	1,1-Dichloroethylene
AWB00701AV	AWB01201AV	3/29/2004	USGS-123	1,1-Dichloroethene	1	U		UG/L	GRAB	1,1-Dichloroethene
AWB09901AV	AWB02002AV	6/16/2004	USGS-123	1,1-Dichloroethene	1	U		UG/L	FIELD DUPLICATE	1,1-Dichloroethene
AWB09901AV	AWB02001AZ	6/16/2004	USGS-123	1,1-Dichloroethene	1	U		UG/L	GRAB	1,1-Dichloroethene
AWB09901AV	AWB02001AV	6/16/2004	USGS-123	1,1-Dichloroethene	1	U		UG/L	GRAB	1,1-Dichloroethene
AWB03001AV	AWB03502AV	12/20/2004	USGS-123	1,1-Dichloroethene	1	U		UG/L	FIELD DUPLICATE	1,1-Dichloroethene
AWB03001AV	AWB03501AV	12/20/2004	USGS-123	1,1-Dichloroethene	1	U		UG/L	GRAB	1,1-Dichloroethene
AWB03901AV	AWB03802AV	3/7/2005	USGS-123	1,1-Dichloroethene	1	U		UG/L	FIELD DUPLICATE	1,1-Dichloroethene
AWB03901AV	AWB03801A2	3/7/2005	USGS-123	1,1-Dichloroethene	1	U		UG/L	GRAB	1,1-Dichloroethene
AWB03901AV	AWB03801AV	3/7/2005	USGS-123	1,1-Dichloroethene	1	U		UG/L	GRAB	1,1-Dichloroethene
AWB04001AV	AWB04502AV	5/31/2005	USGS-123	1,1-Dichloroethene	1	U		UG/L	FIELD DUPLICATE	1,1-Dichloroethene
AWB04001AV	AWB04501AV	5/31/2005	USGS-123	1,1-Dichloroethene	1	U		UG/L	GRAB	1,1-Dichloroethene
AWB10101AV	AWB10602AV	9/14/2005	USGS-123	1,1-Dichloroethene	1	U		UG/L	FIELD DUPLICATE	1,1-Dichloroethene
AWB10101AV	AWB10601AV	9/14/2005	USGS-123	1,1-Dichloroethene	1	U		UG/L	GRAB	1,1-Dichloroethene
AWB04001AV	AWB04301AV	5/31/2005	ICPP-1800	1,1-Dichloropropene	1	U		UG/L	GRAB	1,1-Dichloropropene
SEMN0201AV	SEMN0202AV	6/24/2003	ICPP-1782	1,2,3-Trichloropropane	4	U		UG/L	FIELD DUPLICATE	1,2,3-Trichloropropane
SEMN0201AV	SEMN0201AV	6/24/2003	ICPP-1782	1,2,3-Trichloropropane	4	U		UG/L	GRAB	1,2,3-Trichloropropane
SEM10001AV	SEM10102AV	9/23/2003	ICPP-1782	1,2,3-Trichloropropane	4	U	UJ	UG/L	FIELD DUPLICATE	1,2,3-Trichloropropane
SEM10001AV	SEM10101AV	9/23/2003	ICPP-1782	1,2,3-Trichloropropane	4	U	UJ	UG/L	GRAB	1,2,3-Trichloropropane
SEMN7901AV	SEMN7801AV	12/16/2003	ICPP-1782	1,2,3-Trichloropropane	1	U		UG/L	GRAB	1,2,3-Trichloropropane

Table B-1. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
AWB00701AV	AWB00801AZ	3/29/2004	ICPP-1782	1,2,3-Trichloropropane	1	U		UG/L	GRAB	1,2,3-Trichloropropane
AWB01501AZ	AWB01602AV	6/1/2004	ICPP-1782	1,2,3-Trichloropropane	1	U		UG/L	FIELD DUPLICATE	1,2,3-Trichloropropane
AWB01501AZ	AWB01601AV	6/1/2004	ICPP-1782	1,2,3-Trichloropropane	1	U		UG/L	GRAB	1,2,3-Trichloropropane
AWB02901AV	AWB02401AV	9/7/2004	ICPP-1782	1,2,3-Trichloropropane	1	U		UG/L	GRAB	1,2,3-Trichloropropane
AWB03001AV	AWB03101AV	12/21/2004	ICPP-1782	1,2,3-Trichloropropane	1	U		UG/L	GRAB	1,2,3-Trichloropropane
AWB04001AV	AWB04101AV	6/1/2005	ICPP-1782	1,2,3-Trichloropropane	1	U		UG/L	GRAB	1,2,3-Trichloropropane
AWB10101AV	AWB10201AV	9/13/2005	ICPP-1782	1,2,3-Trichloropropane	1	U		UG/L	GRAB	1,2,3-Trichloropropane
SEMN0201AV	SEMN0301AV	6/24/2003	ICPP-1783	1,2,3-Trichloropropane	4	U		UG/L	GRAB	1,2,3-Trichloropropane
SEM10001AV	SEM10801AV	9/24/2003	ICPP-1783	1,2,3-Trichloropropane	4	U	UJ	UG/L	GRAB	1,2,3-Trichloropropane
SEMN7901AV	SEMN7901AV	12/16/2003	ICPP-1783	1,2,3-Trichloropropane	1	U		UG/L	GRAB	1,2,3-Trichloropropane
AWB00701AV	AWB00901AV	3/29/2004	ICPP-1783	1,2,3-Trichloropropane	1	U		UG/L	GRAB	1,2,3-Trichloropropane
AWB01501AZ	AWB01701AV	6/2/2004	ICPP-1783	1,2,3-Trichloropropane	1	U		UG/L	GRAB	1,2,3-Trichloropropane
AWB02901AV	AWB02501AV	9/7/2004	ICPP-1783	1,2,3-Trichloropropane	1	U		UG/L	GRAB	1,2,3-Trichloropropane
AWB03001AV	AWB03201AV	12/21/2004	ICPP-1783	1,2,3-Trichloropropane	1	U		UG/L	GRAB	1,2,3-Trichloropropane
AWB04001AV	AWB04201AV	6/1/2005	ICPP-1783	1,2,3-Trichloropropane	1	U		UG/L	GRAB	1,2,3-Trichloropropane
AWB10101AV	AWB10301AV	9/13/2005	ICPP-1783	1,2,3-Trichloropropane	1	U		UG/L	GRAB	1,2,3-Trichloropropane
SEMN0201AV	SEMN0401AV	6/24/2003	ICPP-1800	1,2,3-Trichloropropane	4	U		UG/L	GRAB	1,2,3-Trichloropropane
SEM10001AV	SEM10201AV	9/24/2003	ICPP-1800	1,2,3-Trichloropropane	4	U	UJ	UG/L	GRAB	1,2,3-Trichloropropane
SEMN7901AV	SEMN8001AZ	12/17/2003	ICPP-1800	1,2,3-Trichloropropane	1	U		UG/L	GRAB	1,2,3-Trichloropropane
AWB00701AV	AWB01001AV	3/29/2004	ICPP-1800	1,2,3-Trichloropropane	1	U		UG/L	GRAB	1,2,3-Trichloropropane
AWB01501AZ	AWB01801AV	6/1/2004	ICPP-1800	1,2,3-Trichloropropane	1	U		UG/L	GRAB	1,2,3-Trichloropropane
AWB02901AV	AWB02601AZ	9/8/2004	ICPP-1800	1,2,3-Trichloropropane	1	U		UG/L	GRAB	1,2,3-Trichloropropane
AWB03001AV	AWB03301AZ	12/21/2004	ICPP-1800	1,2,3-Trichloropropane	1	U		UG/L	GRAB	1,2,3-Trichloropropane
AWB04001AV	AWB04301AV	5/31/2005	ICPP-1800	1,2,3-Trichloropropane	1	U		UG/L	GRAB	1,2,3-Trichloropropane
AWB10101AV	AWB10401AV	9/13/2005	ICPP-1800	1,2,3-Trichloropropane	1	U		UG/L	GRAB	1,2,3-Trichloropropane
SEMN0201AV	SEMN0501AZ	6/25/2003	ICPP-1829	1,2,3-Trichloropropane	4	U		UG/L	GRAB	1,2,3-Trichloropropane
SEM10001AV	SEM10301AZ(1)	9/24/2003	ICPP-1829	1,2,3-Trichloropropane	4			UG/L	GRAB	1,2,3-Trichloropropane
SEM10001AV	SEM10301AZ	9/24/2003	ICPP-1829	1,2,3-Trichloropropane	4	U	UJ	UG/L	GRAB	1,2,3-Trichloropropane
SEMN7901AV	SEMN8102AV	12/17/2003	ICPP-1829	1,2,3-Trichloropropane	1	U		UG/L	FIELD DUPLICATE	1,2,3-Trichloropropane
SEMN7901AV	SEMN8101AV	12/17/2003	ICPP-1829	1,2,3-Trichloropropane	1	U		UG/L	GRAB	1,2,3-Trichloropropane
AWB00701AV	AWB01101AV	3/29/2004	ICPP-1829	1,2,3-Trichloropropane	1	U	UJ	UG/L	GRAB	1,2,3-Trichloropropane
AWB01501AZ	AWB01901AV	6/2/2004	ICPP-1829	1,2,3-Trichloropropane	1	U		UG/L	GRAB	1,2,3-Trichloropropane
AWB02901AV	AWB02702AV	9/8/2004	ICPP-1829	1,2,3-Trichloropropane	1	U		UG/L	FIELD DUPLICATE	1,2,3-Trichloropropane
AWB02901AV	AWB02701AV	9/8/2004	ICPP-1829	1,2,3-Trichloropropane	1	U		UG/L	GRAB	1,2,3-Trichloropropane
AWB03001AV	AWB03401AV	12/21/2004	ICPP-1829	1,2,3-Trichloropropane	1	U		UG/L	GRAB	1,2,3-Trichloropropane
AWB04001AV	AWB04401AV	5/31/2005	ICPP-1829	1,2,3-Trichloropropane	1	U		UG/L	GRAB	1,2,3-Trichloropropane
AWB10101AV	AWB10501AV	9/14/2005	ICPP-1829	1,2,3-Trichloropropane	1	U		UG/L	GRAB	1,2,3-Trichloropropane
SEMN0201AV	SEMN0101AV	6/24/2003	ICPP-1831	1,2,3-Trichloropropane	4	U		UG/L	GRAB	1,2,3-Trichloropropane
SEM10001AV	SEM10001AV	9/23/2003	ICPP-1831	1,2,3-Trichloropropane	4	U	UJ	UG/L	GRAB	1,2,3-Trichloropropane
SEMN7901AV	SEMN7701AV	12/16/2003	ICPP-1831	1,2,3-Trichloropropane	1	U		UG/L	GRAB	1,2,3-Trichloropropane
AWB00701AV	AWB00702AV	3/29/2004	ICPP-1831	1,2,3-Trichloropropane	1	U		UG/L	FIELD DUPLICATE	1,2,3-Trichloropropane
AWB00701AV	AWB00701AV	3/29/2004	ICPP-1831	1,2,3-Trichloropropane	1	U		UG/L	GRAB	1,2,3-Trichloropropane
AWB01501AZ	AWB01501AZ	6/1/2004	ICPP-1831	1,2,3-Trichloropropane	1	U		UG/L	GRAB	1,2,3-Trichloropropane
AWB02901AV	AWB02301AV	9/7/2004	ICPP-1831	1,2,3-Trichloropropane	1	U		UG/L	GRAB	1,2,3-Trichloropropane
AWB03001AV	AWB03001AV	12/21/2004	ICPP-1831	1,2,3-Trichloropropane	1	U		UG/L	GRAB	1,2,3-Trichloropropane
AWB04001AV	AWB04001AV	6/1/2005	ICPP-1831	1,2,3-Trichloropropane	1	U		UG/L	GRAB	1,2,3-Trichloropropane
AWB10101AV	AWB10101AV(1)	9/13/2005	ICPP-1831	1,2,3-Trichloropropane	1	U		UG/L	GRAB	1,2,3-Trichloropropane
SEMN0201AV	SEMN0001AV	6/25/2003	USGS-123	1,2,3-Trichloropropane	4	U		UG/L	GRAB	1,2,3-Trichloropropane
SEM10001AV	SEM10901AV	9/22/2003	USGS-123	1,2,3-Trichloropropane	4	U	UJ	UG/L	GRAB	1,2,3-Trichloropropane
SEMN7901AV	SEMN7601AV	12/17/2003	USGS-123	1,2,3-Trichloropropane	1	U		UG/L	GRAB	1,2,3-Trichloropropane
AWB00701AV	AWB01201AV	3/29/2004	USGS-123	1,2,3-Trichloropropane	1	U	UJ	UG/L	GRAB	1,2,3-Trichloropropane
AWB09901AV	AWB02002AV	6/16/2004	USGS-123	1,2,3-Trichloropropane	1	U		UG/L	FIELD DUPLICATE	1,2,3-Trichloropropane
AWB09901AV	AWB02001AZ	6/16/2004	USGS-123	1,2,3-Trichloropropane	1	U		UG/L	GRAB	1,2,3-Trichloropropane
AWB09901AV	AWB02001AV	6/16/2004	USGS-123	1,2,3-Trichloropropane	1	U		UG/L	GRAB	1,2,3-Trichloropropane
AWB03001AV	AWB03502AV	12/20/2004	USGS-123	1,2,3-Trichloropropane	1	U		UG/L	FIELD DUPLICATE	1,2,3-Trichloropropane
AWB03001AV	AWB03501AV	12/20/2004	USGS-123	1,2,3-Trichloropropane	1	U		UG/L	GRAB	1,2,3-Trichloropropane
AWB03901AV	AWB03802AV	3/7/2005	USGS-123	1,2,3-Trichloropropane	1	U	UJ	UG/L	FIELD DUPLICATE	1,2,3-Trichloropropane

Table B-1. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
AWB03901AV	AWB03801A2	3/7/2005	USGS-123	1,2,3-Trichloropropane	1	U	UJ	UG/L	GRAB	1,2,3-Trichloropropane
AWB03901AV	AWB03801AV	3/7/2005	USGS-123	1,2,3-Trichloropropane	1	U	UJ	UG/L	GRAB	1,2,3-Trichloropropane
AWB04001AV	AWB04502AV	5/31/2005	USGS-123	1,2,3-Trichloropropane	1	U		UG/L	FIELD DUPLICATE	1,2,3-Trichloropropane
AWB04001AV	AWB04501AV	5/31/2005	USGS-123	1,2,3-Trichloropropane	1	U		UG/L	GRAB	1,2,3-Trichloropropane
AWB10101AV	AWB10602AV	9/14/2005	USGS-123	1,2,3-Trichloropropane	1	U		UG/L	FIELD DUPLICATE	1,2,3-Trichloropropane
AWB10101AV	AWB10601AV	9/14/2005	USGS-123	1,2,3-Trichloropropane	1	U		UG/L	GRAB	1,2,3-Trichloropropane
SEMN0201AV	SEMN0202AV	6/24/2003	ICPP-1782	1,2-Dibromo-3-chloropropane	5	U		UG/L	FIELD DUPLICATE	1,2-Dibromo-3-chloropropane
SEMN0201AV	SEMN0201AV	6/24/2003	ICPP-1782	1,2-Dibromo-3-chloropropane	5	U		UG/L	GRAB	1,2-Dibromo-3-chloropropane
SEM10001AV	SEM10102AV	9/23/2003	ICPP-1782	1,2-Dibromo-3-chloropropane	5	U		UG/L	FIELD DUPLICATE	1,2-Dibromo-3-chloropropane
SEM10001AV	SEM10101AV	9/23/2003	ICPP-1782	1,2-Dibromo-3-chloropropane	5	U		UG/L	GRAB	1,2-Dibromo-3-chloropropane
SEMN7901AV	SEMN7801AV	12/16/2003	ICPP-1782	1,2-Dibromo-3-chloropropane	1	U		UG/L	GRAB	1,2-Dibromo-3-chloropropane
AWB00701AV	AWB00801AZ	3/29/2004	ICPP-1782	1,2-Dibromo-3-chloropropane	4.8	U	R	UG/L	GRAB	1,2-Dibromo-3-chloropropane
AWB01501AZ	AWB01602AV	6/1/2004	ICPP-1782	1,2-Dibromo-3-chloropropane	4.8	U	R	UG/L	FIELD DUPLICATE	1,2-Dibromo-3-chloropropane
AWB01501AZ	AWB01601AV	6/1/2004	ICPP-1782	1,2-Dibromo-3-chloropropane	4.8	U	R	UG/L	GRAB	1,2-Dibromo-3-chloropropane
AWB02901AV	AWB02401AV	9/7/2004	ICPP-1782	1,2-Dibromo-3-chloropropane	1	U	R	UG/L	GRAB	1,2-Dibromo-3-chloropropane
AWB03001AV	AWB03101AV	12/21/2004	ICPP-1782	1,2-Dibromo-3-chloropropane	1	U	R	UG/L	GRAB	1,2-Dibromo-3-chloropropane
AWB04001AV	AWB04101AV	6/1/2005	ICPP-1782	1,2-Dibromo-3-chloropropane	4.8	U	R	UG/L	GRAB	1,2-Dibromo-3-chloropropane
AWB10101AV	AWB10201AV	9/13/2005	ICPP-1782	1,2-Dibromo-3-chloropropane	4.8	U		UG/L	GRAB	1,2-Dibromo-3-chloropropane
SEMN0201AV	SEMN0301AV	6/24/2003	ICPP-1783	1,2-Dibromo-3-chloropropane	5	U		UG/L	GRAB	1,2-Dibromo-3-chloropropane
SEM10001AV	SEM10801AV	9/24/2003	ICPP-1783	1,2-Dibromo-3-chloropropane	5	U		UG/L	GRAB	1,2-Dibromo-3-chloropropane
SEMN7901AV	SEMN7901AV	12/16/2003	ICPP-1783	1,2-Dibromo-3-chloropropane	1	U		UG/L	GRAB	1,2-Dibromo-3-chloropropane
AWB00701AV	AWB00901AV	3/29/2004	ICPP-1783	1,2-Dibromo-3-chloropropane	4.8	U	R	UG/L	GRAB	1,2-Dibromo-3-chloropropane
AWB01501AZ	AWB01701AV	6/2/2004	ICPP-1783	1,2-Dibromo-3-chloropropane	4.8	U	R	UG/L	GRAB	1,2-Dibromo-3-chloropropane
AWB02901AV	AWB02501AV	9/7/2004	ICPP-1783	1,2-Dibromo-3-chloropropane	1	U	R	UG/L	GRAB	1,2-Dibromo-3-chloropropane
AWB03001AV	AWB03201AV	12/21/2004	ICPP-1783	1,2-Dibromo-3-chloropropane	1	U	R	UG/L	GRAB	1,2-Dibromo-3-chloropropane
AWB04001AV	AWB04201AV	6/1/2005	ICPP-1783	1,2-Dibromo-3-chloropropane	4.8	U	R	UG/L	GRAB	1,2-Dibromo-3-chloropropane
AWB10101AV	AWB10301AV	9/13/2005	ICPP-1783	1,2-Dibromo-3-chloropropane	4.8	U		UG/L	GRAB	1,2-Dibromo-3-chloropropane
SEMN0201AV	SEMN0401AV	6/24/2003	ICPP-1800	1,2-Dibromo-3-chloropropane	5	U		UG/L	GRAB	1,2-Dibromo-3-chloropropane
SEM10001AV	SEM10201AV	9/24/2003	ICPP-1800	1,2-Dibromo-3-chloropropane	5	U		UG/L	GRAB	1,2-Dibromo-3-chloropropane
SEMN7901AV	SEMN8001AZ	12/17/2003	ICPP-1800	1,2-Dibromo-3-chloropropane	1	U		UG/L	GRAB	1,2-Dibromo-3-chloropropane
AWB00701AV	AWB01001AV	3/29/2004	ICPP-1800	1,2-Dibromo-3-chloropropane	4.8	U	R	UG/L	GRAB	1,2-Dibromo-3-chloropropane
AWB01501AZ	AWB01801AV	6/1/2004	ICPP-1800	1,2-Dibromo-3-chloropropane	4.8	U	R	UG/L	GRAB	1,2-Dibromo-3-chloropropane
AWB02901AV	AWB02601AZ	9/8/2004	ICPP-1800	1,2-Dibromo-3-chloropropane	1	U	R	UG/L	GRAB	1,2-Dibromo-3-chloropropane
AWB03001AV	AWB03301AZ	12/21/2004	ICPP-1800	1,2-Dibromo-3-chloropropane	1	U	R	UG/L	GRAB	1,2-Dibromo-3-chloropropane
AWB04001AV	AWB04301AV	5/31/2005	ICPP-1800	1,2-Dibromo-3-chloropropane	4.8	U	R	UG/L	GRAB	1,2-Dibromo-3-chloropropane
AWB10101AV	AWB10401AV	9/13/2005	ICPP-1800	1,2-Dibromo-3-chloropropane	4.8	U		UG/L	GRAB	1,2-Dibromo-3-chloropropane
SEMN0201AV	SEMN0501AZ	6/25/2003	ICPP-1829	1,2-Dibromo-3-chloropropane	5	U		UG/L	GRAB	1,2-Dibromo-3-chloropropane
SEM10001AV	SEM10301AZ	9/24/2003	ICPP-1829	1,2-Dibromo-3-chloropropane	5	U		UG/L	GRAB	1,2-Dibromo-3-chloropropane
SEMN7901AV	SEMN8102AV	12/17/2003	ICPP-1829	1,2-Dibromo-3-chloropropane	1	U		UG/L	FIELD DUPLICATE	1,2-Dibromo-3-chloropropane
SEMN7901AV	SEMN8101AV	12/17/2003	ICPP-1829	1,2-Dibromo-3-chloropropane	1	U		UG/L	GRAB	1,2-Dibromo-3-chloropropane
AWB00701AV	AWB01101AV	3/29/2004	ICPP-1829	1,2-Dibromo-3-chloropropane	4.8	U	R	UG/L	GRAB	1,2-Dibromo-3-chloropropane
AWB01501AZ	AWB01901AV	6/2/2004	ICPP-1829	1,2-Dibromo-3-chloropropane	4.8	U	R	UG/L	GRAB	1,2-Dibromo-3-chloropropane
AWB02901AV	AWB02702AV	9/8/2004	ICPP-1829	1,2-Dibromo-3-chloropropane	1	U	R	UG/L	FIELD DUPLICATE	1,2-Dibromo-3-chloropropane
AWB02901AV	AWB02701AV	9/8/2004	ICPP-1829	1,2-Dibromo-3-chloropropane	1	U	R	UG/L	GRAB	1,2-Dibromo-3-chloropropane
AWB03001AV	AWB03401AV	12/21/2004	ICPP-1829	1,2-Dibromo-3-chloropropane	1	U	R	UG/L	GRAB	1,2-Dibromo-3-chloropropane
AWB04001AV	AWB04401AV	5/31/2005	ICPP-1829	1,2-Dibromo-3-chloropropane	4.8	U	R	UG/L	GRAB	1,2-Dibromo-3-chloropropane
AWB10101AV	AWB10501AV	9/14/2005	ICPP-1829	1,2-Dibromo-3-chloropropane	4.8	U		UG/L	GRAB	1,2-Dibromo-3-chloropropane
SEMN0201AV	SEMN0101AV	6/24/2003	ICPP-1831	1,2-Dibromo-3-chloropropane	5	U		UG/L	GRAB	1,2-Dibromo-3-chloropropane
SEM10001AV	SEM10001AV	9/23/2003	ICPP-1831	1,2-Dibromo-3-chloropropane	5	U		UG/L	GRAB	1,2-Dibromo-3-chloropropane
SEMN7901AV	SEMN7701AV	12/16/2003	ICPP-1831	1,2-Dibromo-3-chloropropane	1	U		UG/L	GRAB	1,2-Dibromo-3-chloropropane
AWB00701AV	AWB00702AV	3/29/2004	ICPP-1831	1,2-Dibromo-3-chloropropane	4.8	U	R	UG/L	FIELD DUPLICATE	1,2-Dibromo-3-chloropropane
AWB00701AV	AWB00701AV	3/29/2004	ICPP-1831	1,2-Dibromo-3-chloropropane	4.8	U	R	UG/L	GRAB	1,2-Dibromo-3-chloropropane
AWB01501AZ	AWB01501AZ	6/1/2004	ICPP-1831	1,2-Dibromo-3-chloropropane	4.8	U	R	UG/L	GRAB	1,2-Dibromo-3-chloropropane
AWB02901AV	AWB02301AV	9/7/2004	ICPP-1831	1,2-Dibromo-3-chloropropane	1	U	R	UG/L	GRAB	1,2-Dibromo-3-chloropropane
AWB03001AV	AWB03001AV	12/21/2004	ICPP-1831	1,2-Dibromo-3-chloropropane	1	U	R	UG/L	GRAB	1,2-Dibromo-3-chloropropane
AWB04001AV	AWB04001AV	6/1/2005	ICPP-1831	1,2-Dibromo-3-chloropropane	4.8	U	R	UG/L	GRAB	1,2-Dibromo-3-chloropropane
AWB10101AV	AWB10101AV(1)	9/13/2005	ICPP-1831	1,2-Dibromo-3-chloropropane	4.8	U		UG/L	GRAB	1,2-Dibromo-3-chloropropane

Table B-1. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
SEMN0201AV	SEMN0001AV	6/25/2003	USGS-123	1,2-Dibromo-3-chloropropane	5	U		UG/L	GRAB	1,2-Dibromo-3-chloropropane
SEM10001AV	SEM10901AV	9/22/2003	USGS-123	1,2-Dibromo-3-chloropropane	5	U		UG/L	GRAB	1,2-Dibromo-3-chloropropane
SEMN7901AV	SEMN7601AV	12/17/2003	USGS-123	1,2-Dibromo-3-chloropropane	1	U		UG/L	GRAB	1,2-Dibromo-3-chloropropane
AWB00701AV	AWB01201AV	3/29/2004	USGS-123	1,2-Dibromo-3-chloropropane	4.8	U	R	UG/L	GRAB	1,2-Dibromo-3-chloropropane
AWB09901AV	AWB02002AV	6/16/2004	USGS-123	1,2-Dibromo-3-chloropropane	4.8	U	R	UG/L	FIELD DUPLICATE	1,2-Dibromo-3-chloropropane
AWB09901AV	AWB02001AZ	6/16/2004	USGS-123	1,2-Dibromo-3-chloropropane	4.8	U	R	UG/L	GRAB	1,2-Dibromo-3-chloropropane
AWB09901AV	AWB02001AV	6/16/2004	USGS-123	1,2-Dibromo-3-chloropropane	4.8	U	R	UG/L	GRAB	1,2-Dibromo-3-chloropropane
AWB03001AV	AWB03502AV	12/20/2004	USGS-123	1,2-Dibromo-3-chloropropane	1	U	R	UG/L	FIELD DUPLICATE	1,2-Dibromo-3-chloropropane
AWB03001AV	AWB03501AV	12/20/2004	USGS-123	1,2-Dibromo-3-chloropropane	1	U	R	UG/L	GRAB	1,2-Dibromo-3-chloropropane
AWB03901AV	AWB03802AV	3/7/2005	USGS-123	1,2-Dibromo-3-chloropropane	4.8	U	R	UG/L	FIELD DUPLICATE	1,2-Dibromo-3-chloropropane
AWB03901AV	AWB03801A2	3/7/2005	USGS-123	1,2-Dibromo-3-chloropropane	4.8	U	R	UG/L	GRAB	1,2-Dibromo-3-chloropropane
AWB03901AV	AWB03801AV	3/7/2005	USGS-123	1,2-Dibromo-3-chloropropane	4.8	U	R	UG/L	GRAB	1,2-Dibromo-3-chloropropane
AWB04001AV	AWB04502AV	5/31/2005	USGS-123	1,2-Dibromo-3-chloropropane	4.8	U	R	UG/L	FIELD DUPLICATE	1,2-Dibromo-3-chloropropane
AWB04001AV	AWB04501AV	5/31/2005	USGS-123	1,2-Dibromo-3-chloropropane	4.8	U	R	UG/L	GRAB	1,2-Dibromo-3-chloropropane
AWB10101AV	AWB10602AV	9/14/2005	USGS-123	1,2-Dibromo-3-chloropropane	4.8	U		UG/L	FIELD DUPLICATE	1,2-Dibromo-3-chloropropane
AWB10101AV	AWB10601AV	9/14/2005	USGS-123	1,2-Dibromo-3-chloropropane	4.8	U		UG/L	GRAB	1,2-Dibromo-3-chloropropane
SEMN0201AV	SEMN0202AV	6/24/2003	ICPP-1782	1,2-Dibromoethane	1	U		UG/L	FIELD DUPLICATE	1,2-Dibromoethane
SEMN0201AV	SEMN0201AV	6/24/2003	ICPP-1782	1,2-Dibromoethane	1	U		UG/L	GRAB	1,2-Dibromoethane
SEM10001AV	SEM10102AV	9/23/2003	ICPP-1782	1,2-Dibromoethane	1	U		UG/L	FIELD DUPLICATE	1,2-Dibromoethane
SEM10001AV	SEM10101AV	9/23/2003	ICPP-1782	1,2-Dibromoethane	1	U		UG/L	GRAB	1,2-Dibromoethane
SEMN7901AV	SEMN7801AV	12/16/2003	ICPP-1782	1,2-Dibromoethane	1	U		UG/L	GRAB	1,2-Dibromoethane
AWB00701AV	AWB00801AZ	3/29/2004	ICPP-1782	1,2-Dibromoethane	1	U		UG/L	GRAB	1,2-Dibromoethane
AWB01501AZ	AWB01602AV	6/1/2004	ICPP-1782	1,2-Dibromoethane	1	U	UJ	UG/L	FIELD DUPLICATE	1,2-Dibromoethane
AWB01501AZ	AWB01601AV	6/1/2004	ICPP-1782	1,2-Dibromoethane	1	U	UJ	UG/L	GRAB	1,2-Dibromoethane
AWB02901AV	AWB02401AV	9/7/2004	ICPP-1782	1,2-Dibromoethane	1	U		UG/L	GRAB	1,2-Dibromoethane
AWB03001AV	AWB03101AV	12/21/2004	ICPP-1782	1,2-Dibromoethane	1	U		UG/L	GRAB	1,2-Dibromoethane
AWB04001AV	AWB04101AV	6/1/2005	ICPP-1782	1,2-Dibromoethane	1	U		UG/L	GRAB	1,2-Dibromoethane
AWB10101AV	AWB10201AV	9/13/2005	ICPP-1782	1,2-Dibromoethane	1	U		UG/L	GRAB	1,2-Dibromoethane
SEMN0201AV	SEMN0301AV	6/24/2003	ICPP-1783	1,2-Dibromoethane	1	U		UG/L	GRAB	1,2-Dibromoethane
SEM10001AV	SEM10801AV	9/24/2003	ICPP-1783	1,2-Dibromoethane	1	U		UG/L	GRAB	1,2-Dibromoethane
SEMN7901AV	SEMN7901AV	12/16/2003	ICPP-1783	1,2-Dibromoethane	1	U		UG/L	GRAB	1,2-Dibromoethane
AWB00701AV	AWB00901AV	3/29/2004	ICPP-1783	1,2-Dibromoethane	1	U		UG/L	GRAB	1,2-Dibromoethane
AWB01501AZ	AWB01701AV	6/2/2004	ICPP-1783	1,2-Dibromoethane	1	U	UJ	UG/L	GRAB	1,2-Dibromoethane
AWB02901AV	AWB02501AV	9/7/2004	ICPP-1783	1,2-Dibromoethane	1	U		UG/L	GRAB	1,2-Dibromoethane
AWB03001AV	AWB03201AV	12/21/2004	ICPP-1783	1,2-Dibromoethane	1	U		UG/L	GRAB	1,2-Dibromoethane
AWB04001AV	AWB04201AV	6/1/2005	ICPP-1783	1,2-Dibromoethane	1	U		UG/L	GRAB	1,2-Dibromoethane
AWB10101AV	AWB10301AV	9/13/2005	ICPP-1783	1,2-Dibromoethane	1	U		UG/L	GRAB	1,2-Dibromoethane
SEMN0201AV	SEMN0401AV	6/24/2003	ICPP-1800	1,2-Dibromoethane	1	U		UG/L	GRAB	1,2-Dibromoethane
SEM10001AV	SEM10201AV	9/24/2003	ICPP-1800	1,2-Dibromoethane	1	U		UG/L	GRAB	1,2-Dibromoethane
SEMN7901AV	SEMN8001AZ	12/17/2003	ICPP-1800	1,2-Dibromoethane	1	U		UG/L	GRAB	1,2-Dibromoethane
AWB00701AV	AWB01001AV	3/29/2004	ICPP-1800	1,2-Dibromoethane	1	U		UG/L	GRAB	1,2-Dibromoethane
AWB01501AZ	AWB01801AV	6/1/2004	ICPP-1800	1,2-Dibromoethane	1	U	UJ	UG/L	GRAB	1,2-Dibromoethane
AWB02901AV	AWB02601AZ	9/8/2004	ICPP-1800	1,2-Dibromoethane	1	U		UG/L	GRAB	1,2-Dibromoethane
AWB03001AV	AWB03301AZ	12/21/2004	ICPP-1800	1,2-Dibromoethane	1	U		UG/L	GRAB	1,2-Dibromoethane
AWB04001AV	AWB04301AV	5/31/2005	ICPP-1800	1,2-Dibromoethane	1	U		UG/L	GRAB	1,2-Dibromoethane
AWB10101AV	AWB10401AV	9/13/2005	ICPP-1800	1,2-Dibromoethane	1	U		UG/L	GRAB	1,2-Dibromoethane
SEMN0201AV	SEMN0501AZ	6/25/2003	ICPP-1829	1,2-Dibromoethane	1	U		UG/L	GRAB	1,2-Dibromoethane
SEM10001AV	SEM10301AZ	9/24/2003	ICPP-1829	1,2-Dibromoethane	1	U		UG/L	GRAB	1,2-Dibromoethane
SEMN7901AV	SEMN8102AV	12/17/2003	ICPP-1829	1,2-Dibromoethane	1	U		UG/L	FIELD DUPLICATE	1,2-Dibromoethane
SEMN7901AV	SEMN8101AV	12/17/2003	ICPP-1829	1,2-Dibromoethane	1	U		UG/L	GRAB	1,2-Dibromoethane
AWB00701AV	AWB01101AV	3/29/2004	ICPP-1829	1,2-Dibromoethane	1	U	UJ	UG/L	GRAB	1,2-Dibromoethane
AWB01501AZ	AWB01901AV	6/2/2004	ICPP-1829	1,2-Dibromoethane	1	U	UJ	UG/L	GRAB	1,2-Dibromoethane
AWB02901AV	AWB02702AV	9/8/2004	ICPP-1829	1,2-Dibromoethane	1	U		UG/L	FIELD DUPLICATE	1,2-Dibromoethane
AWB02901AV	AWB02701AV	9/8/2004	ICPP-1829	1,2-Dibromoethane	1	U		UG/L	GRAB	1,2-Dibromoethane
AWB03001AV	AWB03401AV	12/21/2004	ICPP-1829	1,2-Dibromoethane	1	U		UG/L	GRAB	1,2-Dibromoethane
AWB04001AV	AWB04401AV	5/31/2005	ICPP-1829	1,2-Dibromoethane	1	U		UG/L	GRAB	1,2-Dibromoethane
AWB10101AV	AWB10501AV	9/14/2005	ICPP-1829	1,2-Dibromoethane	1	U		UG/L	GRAB	1,2-Dibromoethane

Table B-1. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
SEMN0201AV	SEMN0101AV	6/24/2003	ICPP-1831	1,2-Dibromoethane	1	U		UG/L	GRAB	1,2-Dibromoethane
SEM10001AV	SEM10001AV	9/23/2003	ICPP-1831	1,2-Dibromoethane	1	U		UG/L	GRAB	1,2-Dibromoethane
SEMN7901AV	SEMN7701AV	12/16/2003	ICPP-1831	1,2-Dibromoethane	1	U		UG/L	GRAB	1,2-Dibromoethane
AWB00701AV	AWB00702AV	3/29/2004	ICPP-1831	1,2-Dibromoethane	1	U		UG/L	FIELD DUPLICATE	1,2-Dibromoethane
AWB00701AV	AWB00701AV	3/29/2004	ICPP-1831	1,2-Dibromoethane	1	U		UG/L	GRAB	1,2-Dibromoethane
AWB01501AZ	AWB01501AZ	6/1/2004	ICPP-1831	1,2-Dibromoethane	1	U	UJ	UG/L	GRAB	1,2-Dibromoethane
AWB02901AV	AWB02301AV	9/7/2004	ICPP-1831	1,2-Dibromoethane	1	U		UG/L	GRAB	1,2-Dibromoethane
AWB03001AV	AWB03001AV	12/21/2004	ICPP-1831	1,2-Dibromoethane	1	U		UG/L	GRAB	1,2-Dibromoethane
AWB04001AV	AWB04001AV	6/1/2005	ICPP-1831	1,2-Dibromoethane	1	U		UG/L	GRAB	1,2-Dibromoethane
AWB10101AV	AWB10101AV(1)	9/13/2005	ICPP-1831	1,2-Dibromoethane	1	U		UG/L	GRAB	1,2-Dibromoethane
SEMN0201AV	SEMN0001AV	6/25/2003	USGS-123	1,2-Dibromoethane	1	U		UG/L	GRAB	1,2-Dibromoethane
SEM10001AV	SEM10901AV	9/22/2003	USGS-123	1,2-Dibromoethane	1	U		UG/L	GRAB	1,2-Dibromoethane
SEMN7901AV	SEMN7601AV	12/17/2003	USGS-123	1,2-Dibromoethane	1	U		UG/L	GRAB	1,2-Dibromoethane
AWB00701AV	AWB01201AV	3/29/2004	USGS-123	1,2-Dibromoethane	1	U	UJ	UG/L	GRAB	1,2-Dibromoethane
AWB09901AV	AWB02002AV	6/16/2004	USGS-123	1,2-Dibromoethane	1	U		UG/L	FIELD DUPLICATE	1,2-Dibromoethane
AWB09901AV	AWB02001AZ	6/16/2004	USGS-123	1,2-Dibromoethane	1	U		UG/L	GRAB	1,2-Dibromoethane
AWB09901AV	AWB02001AV	6/16/2004	USGS-123	1,2-Dibromoethane	1	U		UG/L	GRAB	1,2-Dibromoethane
AWB03001AV	AWB03502AV	12/20/2004	USGS-123	1,2-Dibromoethane	1	U		UG/L	FIELD DUPLICATE	1,2-Dibromoethane
AWB03001AV	AWB03501AV	12/20/2004	USGS-123	1,2-Dibromoethane	1	U		UG/L	GRAB	1,2-Dibromoethane
AWB03901AV	AWB03802AV	3/7/2005	USGS-123	1,2-Dibromoethane	1	U		UG/L	FIELD DUPLICATE	1,2-Dibromoethane
AWB03901AV	AWB03801A2	3/7/2005	USGS-123	1,2-Dibromoethane	1	U		UG/L	GRAB	1,2-Dibromoethane
AWB03901AV	AWB03801AV	3/7/2005	USGS-123	1,2-Dibromoethane	1	U		UG/L	GRAB	1,2-Dibromoethane
AWB04001AV	AWB04502AV	5/31/2005	USGS-123	1,2-Dibromoethane	1	U		UG/L	FIELD DUPLICATE	1,2-Dibromoethane
AWB04001AV	AWB04501AV	5/31/2005	USGS-123	1,2-Dibromoethane	1	U		UG/L	GRAB	1,2-Dibromoethane
AWB10101AV	AWB10602AV	9/14/2005	USGS-123	1,2-Dibromoethane	1	U		UG/L	FIELD DUPLICATE	1,2-Dibromoethane
AWB10101AV	AWB10601AV	9/14/2005	USGS-123	1,2-Dibromoethane	1	U		UG/L	GRAB	1,2-Dibromoethane
SEMN0201AV	SEMN0202AV	6/24/2003	ICPP-1782	1,2-Dichloroethane	1	U		UG/L	FIELD DUPLICATE	1,2-Dichloroethane
SEMN0201AV	SEMN0201AV	6/24/2003	ICPP-1782	1,2-Dichloroethane	1	U		UG/L	GRAB	1,2-Dichloroethane
SEM10001AV	SEM10102AV	9/23/2003	ICPP-1782	1,2-Dichloroethane	1	U		UG/L	FIELD DUPLICATE	1,2-Dichloroethane
SEM10001AV	SEM10101AV	9/23/2003	ICPP-1782	1,2-Dichloroethane	1	U		UG/L	GRAB	1,2-Dichloroethane
SEMN7901AV	SEMN7801AV	12/16/2003	ICPP-1782	1,2-Dichloroethane	1	U		UG/L	GRAB	1,2-Dichloroethane
AWB00701AV	AWB00801AZ	3/29/2004	ICPP-1782	1,2-Dichloroethane	1	U		UG/L	GRAB	1,2-Dichloroethane
AWB01501AZ	AWB01602AV	6/1/2004	ICPP-1782	1,2-Dichloroethane	1	U		UG/L	FIELD DUPLICATE	1,2-Dichloroethane
AWB01501AZ	AWB01601AV	6/1/2004	ICPP-1782	1,2-Dichloroethane	1	U		UG/L	GRAB	1,2-Dichloroethane
AWB02901AV	AWB02401AV	9/7/2004	ICPP-1782	1,2-Dichloroethane	1	U		UG/L	GRAB	1,2-Dichloroethane
AWB03001AV	AWB03101AV	12/21/2004	ICPP-1782	1,2-Dichloroethane	1	U		UG/L	GRAB	1,2-Dichloroethane
AWB04001AV	AWB04101AV	6/1/2005	ICPP-1782	1,2-Dichloroethane	1	U		UG/L	GRAB	1,2-Dichloroethane
AWB10101AV	AWB10201AV	9/13/2005	ICPP-1782	1,2-Dichloroethane	1	U		UG/L	GRAB	1,2-Dichloroethane
SEMN0201AV	SEMN0301AV	6/24/2003	ICPP-1783	1,2-Dichloroethane	1	U		UG/L	GRAB	1,2-Dichloroethane
SEM10001AV	SEM10801AV	9/24/2003	ICPP-1783	1,2-Dichloroethane	1	U		UG/L	GRAB	1,2-Dichloroethane
SEMN7901AV	SEMN7901AV	12/16/2003	ICPP-1783	1,2-Dichloroethane	1	U		UG/L	GRAB	1,2-Dichloroethane
AWB00701AV	AWB00901AV	3/29/2004	ICPP-1783	1,2-Dichloroethane	1	U		UG/L	GRAB	1,2-Dichloroethane
AWB01501AZ	AWB01701AV	6/2/2004	ICPP-1783	1,2-Dichloroethane	1	U		UG/L	GRAB	1,2-Dichloroethane
AWB02901AV	AWB02501AV	9/7/2004	ICPP-1783	1,2-Dichloroethane	1	U		UG/L	GRAB	1,2-Dichloroethane
AWB03001AV	AWB03201AV	12/21/2004	ICPP-1783	1,2-Dichloroethane	1	U		UG/L	GRAB	1,2-Dichloroethane
AWB04001AV	AWB04201AV	6/1/2005	ICPP-1783	1,2-Dichloroethane	1	U		UG/L	GRAB	1,2-Dichloroethane
AWB10101AV	AWB10301AV	9/13/2005	ICPP-1783	1,2-Dichloroethane	1	U		UG/L	GRAB	1,2-Dichloroethane
SEMN0201AV	SEMN0401AV	6/24/2003	ICPP-1800	1,2-Dichloroethane	1	U		UG/L	GRAB	1,2-Dichloroethane
SEM10001AV	SEM10201AV	9/24/2003	ICPP-1800	1,2-Dichloroethane	1	U		UG/L	GRAB	1,2-Dichloroethane
SEMN7901AV	SEMN8001AZ	12/17/2003	ICPP-1800	1,2-Dichloroethane	1	U		UG/L	GRAB	1,2-Dichloroethane
AWB00701AV	AWB01001AV	3/29/2004	ICPP-1800	1,2-Dichloroethane	1	U		UG/L	GRAB	1,2-Dichloroethane
AWB01501AZ	AWB01801AV	6/1/2004	ICPP-1800	1,2-Dichloroethane	1	U		UG/L	GRAB	1,2-Dichloroethane
AWB02901AV	AWB02601AZ	9/8/2004	ICPP-1800	1,2-Dichloroethane	1	U		UG/L	GRAB	1,2-Dichloroethane
AWB03001AV	AWB03301AZ	12/21/2004	ICPP-1800	1,2-Dichloroethane	1	U		UG/L	GRAB	1,2-Dichloroethane
AWB04001AV	AWB04301AV	5/31/2005	ICPP-1800	1,2-Dichloroethane	1	U		UG/L	GRAB	1,2-Dichloroethane
AWB10101AV	AWB10401AV	9/13/2005	ICPP-1800	1,2-Dichloroethane	1	U		UG/L	GRAB	1,2-Dichloroethane
SEMN0201AV	SEMN0501AZ	6/25/2003	ICPP-1829	1,2-Dichloroethane	1	U		UG/L	GRAB	1,2-Dichloroethane

Table B-1. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
SEM10001AV	SEM10301AZ	9/24/2003	ICPP-1829	1,2-Dichloroethane	1	U		UG/L	GRAB	1,2-Dichloroethane
SEMN7901AV	SEMN8102AV	12/17/2003	ICPP-1829	1,2-Dichloroethane	1	U		UG/L	FIELD DUPLICATE	1,2-Dichloroethane
SEMN7901AV	SEMN8101AV	12/17/2003	ICPP-1829	1,2-Dichloroethane	1	U		UG/L	GRAB	1,2-Dichloroethane
AWB00701AV	AWB01101AV	3/29/2004	ICPP-1829	1,2-Dichloroethane	1	U	UJ	UG/L	GRAB	1,2-Dichloroethane
AWB01501AZ	AWB01901AV	6/2/2004	ICPP-1829	1,2-Dichloroethane	1	U		UG/L	GRAB	1,2-Dichloroethane
AWB02901AV	AWB02702AV	9/8/2004	ICPP-1829	1,2-Dichloroethane	1	U		UG/L	FIELD DUPLICATE	1,2-Dichloroethane
AWB02901AV	AWB02701AV	9/8/2004	ICPP-1829	1,2-Dichloroethane	1	U		UG/L	GRAB	1,2-Dichloroethane
AWB03001AV	AWB03401AV	12/21/2004	ICPP-1829	1,2-Dichloroethane	1	U		UG/L	GRAB	1,2-Dichloroethane
AWB04001AV	AWB04401AV	5/31/2005	ICPP-1829	1,2-Dichloroethane	1	U		UG/L	GRAB	1,2-Dichloroethane
AWB10101AV	AWB10501AV	9/14/2005	ICPP-1829	1,2-Dichloroethane	1	U		UG/L	GRAB	1,2-Dichloroethane
SEMN0201AV	SEMN0101AV	6/24/2003	ICPP-1831	1,2-Dichloroethane	1	U		UG/L	GRAB	1,2-Dichloroethane
SEM10001AV	SEM10001AV	9/23/2003	ICPP-1831	1,2-Dichloroethane	1	U		UG/L	GRAB	1,2-Dichloroethane
SEMN7901AV	SEMN7701AV	12/16/2003	ICPP-1831	1,2-Dichloroethane	1	U		UG/L	GRAB	1,2-Dichloroethane
AWB00701AV	AWB00702AV	3/29/2004	ICPP-1831	1,2-Dichloroethane	1	U		UG/L	FIELD DUPLICATE	1,2-Dichloroethane
AWB00701AV	AWB00701AV	3/29/2004	ICPP-1831	1,2-Dichloroethane	1	U		UG/L	GRAB	1,2-Dichloroethane
AWB01501AZ	AWB01501AZ	6/1/2004	ICPP-1831	1,2-Dichloroethane	1	U		UG/L	GRAB	1,2-Dichloroethane
AWB02901AV	AWB02301AV	9/7/2004	ICPP-1831	1,2-Dichloroethane	1	U		UG/L	GRAB	1,2-Dichloroethane
AWB03001AV	AWB03001AV	12/21/2004	ICPP-1831	1,2-Dichloroethane	1	U		UG/L	GRAB	1,2-Dichloroethane
AWB04001AV	AWB04001AV	6/1/2005	ICPP-1831	1,2-Dichloroethane	1	U		UG/L	GRAB	1,2-Dichloroethane
AWB10101AV	AWB10101AV(1)	9/13/2005	ICPP-1831	1,2-Dichloroethane	1	U		UG/L	GRAB	1,2-Dichloroethane
SEMN0201AV	SEMN0001AV	6/25/2003	USGS-123	1,2-Dichloroethane	1	U		UG/L	GRAB	1,2-Dichloroethane
SEM10001AV	SEM10901AV	9/22/2003	USGS-123	1,2-Dichloroethane	1	U		UG/L	GRAB	1,2-Dichloroethane
SEMN7901AV	SEMN7601AV	12/17/2003	USGS-123	1,2-Dichloroethane	1	U		UG/L	GRAB	1,2-Dichloroethane
AWB00701AV	AWB01201AV	3/29/2004	USGS-123	1,2-Dichloroethane	1	U	UJ	UG/L	GRAB	1,2-Dichloroethane
AWB09901AV	AWB02002AV	6/16/2004	USGS-123	1,2-Dichloroethane	1	U		UG/L	FIELD DUPLICATE	1,2-Dichloroethane
AWB09901AV	AWB02001AZ	6/16/2004	USGS-123	1,2-Dichloroethane	1	U		UG/L	GRAB	1,2-Dichloroethane
AWB09901AV	AWB02001AV	6/16/2004	USGS-123	1,2-Dichloroethane	1	U		UG/L	GRAB	1,2-Dichloroethane
AWB03001AV	AWB03502AV	12/20/2004	USGS-123	1,2-Dichloroethane	1	U		UG/L	FIELD DUPLICATE	1,2-Dichloroethane
AWB03001AV	AWB03501AV	12/20/2004	USGS-123	1,2-Dichloroethane	1	U		UG/L	GRAB	1,2-Dichloroethane
AWB03901AV	AWB03802AV	3/7/2005	USGS-123	1,2-Dichloroethane	1	U		UG/L	FIELD DUPLICATE	1,2-Dichloroethane
AWB03901AV	AWB03801A2	3/7/2005	USGS-123	1,2-Dichloroethane	1	U		UG/L	GRAB	1,2-Dichloroethane
AWB03901AV	AWB03801AV	3/7/2005	USGS-123	1,2-Dichloroethane	1	U		UG/L	GRAB	1,2-Dichloroethane
AWB04001AV	AWB04502AV	5/31/2005	USGS-123	1,2-Dichloroethane	1	U		UG/L	FIELD DUPLICATE	1,2-Dichloroethane
AWB04001AV	AWB04501AV	5/31/2005	USGS-123	1,2-Dichloroethane	1	U		UG/L	GRAB	1,2-Dichloroethane
AWB10101AV	AWB10602AV	9/14/2005	USGS-123	1,2-Dichloroethane	1	U		UG/L	FIELD DUPLICATE	1,2-Dichloroethane
AWB10101AV	AWB10601AV	9/14/2005	USGS-123	1,2-Dichloroethane	1	U		UG/L	GRAB	1,2-Dichloroethane
SEMN0201AV	SEMN0202AV	6/24/2003	ICPP-1782	1,2-Dichloropropane	1	U		UG/L	FIELD DUPLICATE	1,2-Dichloropropane
SEMN0201AV	SEMN0201AV	6/24/2003	ICPP-1782	1,2-Dichloropropane	1	U		UG/L	GRAB	1,2-Dichloropropane
SEM10001AV	SEM10102AV	9/23/2003	ICPP-1782	1,2-Dichloropropane	1	U		UG/L	FIELD DUPLICATE	1,2-Dichloropropane
SEM10001AV	SEM10101AV	9/23/2003	ICPP-1782	1,2-Dichloropropane	1	U		UG/L	GRAB	1,2-Dichloropropane
SEMN7901AV	SEMN7801AV	12/16/2003	ICPP-1782	1,2-Dichloropropane	1	U		UG/L	GRAB	1,2-Dichloropropane
AWB00701AV	AWB00801AZ	3/29/2004	ICPP-1782	1,2-Dichloropropane	1	U		UG/L	GRAB	1,2-Dichloropropane
AWB01501AZ	AWB01602AV	6/1/2004	ICPP-1782	1,2-Dichloropropane	1	U		UG/L	FIELD DUPLICATE	1,2-Dichloropropane
AWB01501AZ	AWB01601AV	6/1/2004	ICPP-1782	1,2-Dichloropropane	1	U		UG/L	GRAB	1,2-Dichloropropane
AWB02901AV	AWB02401AV	9/7/2004	ICPP-1782	1,2-Dichloropropane	1	U		UG/L	GRAB	1,2-Dichloropropane
AWB03001AV	AWB03101AV	12/21/2004	ICPP-1782	1,2-Dichloropropane	1	U		UG/L	GRAB	1,2-Dichloropropane
AWB04001AV	AWB04101AV	6/1/2005	ICPP-1782	1,2-Dichloropropane	1	U		UG/L	GRAB	1,2-Dichloropropane
AWB10101AV	AWB10201AV	9/13/2005	ICPP-1782	1,2-Dichloropropane	1	U		UG/L	GRAB	1,2-Dichloropropane
SEMN0201AV	SEMN0301AV	6/24/2003	ICPP-1783	1,2-Dichloropropane	1	U		UG/L	GRAB	1,2-Dichloropropane
SEM10001AV	SEM10801AV	9/24/2003	ICPP-1783	1,2-Dichloropropane	1	U		UG/L	GRAB	1,2-Dichloropropane
SEMN7901AV	SEMN7901AV	12/16/2003	ICPP-1783	1,2-Dichloropropane	1	U		UG/L	GRAB	1,2-Dichloropropane
AWB00701AV	AWB00901AV	3/29/2004	ICPP-1783	1,2-Dichloropropane	1	U		UG/L	GRAB	1,2-Dichloropropane
AWB01501AZ	AWB01701AV	6/2/2004	ICPP-1783	1,2-Dichloropropane	1	U		UG/L	GRAB	1,2-Dichloropropane
AWB02901AV	AWB02501AV	9/7/2004	ICPP-1783	1,2-Dichloropropane	1	U		UG/L	GRAB	1,2-Dichloropropane
AWB03001AV	AWB03201AV	12/21/2004	ICPP-1783	1,2-Dichloropropane	1	U		UG/L	GRAB	1,2-Dichloropropane

Table B-1. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
AWB04001AV	AWB04201AV	6/1/2005	ICPP-1783	1,2-Dichloropropane	1	U		UG/L	GRAB	1,2-Dichloropropane
AWB10101AV	AWB10301AV	9/13/2005	ICPP-1783	1,2-Dichloropropane	1	U		UG/L	GRAB	1,2-Dichloropropane
SEMN0201AV	SEMN0401AV	6/24/2003	ICPP-1800	1,2-Dichloropropane	1	U		UG/L	GRAB	1,2-Dichloropropane
SEM10001AV	SEM10201AV	9/24/2003	ICPP-1800	1,2-Dichloropropane	1	U		UG/L	GRAB	1,2-Dichloropropane
SEMN7901AV	SEMN8001AZ	12/17/2003	ICPP-1800	1,2-Dichloropropane	1	U		UG/L	GRAB	1,2-Dichloropropane
AWB00701AV	AWB01001AV	3/29/2004	ICPP-1800	1,2-Dichloropropane	1	U		UG/L	GRAB	1,2-Dichloropropane
AWB01501AZ	AWB01801AV	6/1/2004	ICPP-1800	1,2-Dichloropropane	1	U		UG/L	GRAB	1,2-Dichloropropane
AWB02901AV	AWB02601AZ	9/8/2004	ICPP-1800	1,2-Dichloropropane	1	U		UG/L	GRAB	1,2-Dichloropropane
AWB03001AV	AWB03301AZ	12/21/2004	ICPP-1800	1,2-Dichloropropane	1	U		UG/L	GRAB	1,2-Dichloropropane
AWB04001AV	AWB04301AV	5/31/2005	ICPP-1800	1,2-Dichloropropane	1	U		UG/L	GRAB	1,2-Dichloropropane
AWB10101AV	AWB10401AV	9/13/2005	ICPP-1800	1,2-Dichloropropane	1	U		UG/L	GRAB	1,2-Dichloropropane
SEMN0201AV	SEMN0501AZ	6/25/2003	ICPP-1829	1,2-Dichloropropane	1	U		UG/L	GRAB	1,2-Dichloropropane
SEM10001AV	SEM10301AZ	9/24/2003	ICPP-1829	1,2-Dichloropropane	1	U		UG/L	GRAB	1,2-Dichloropropane
SEMN7901AV	SEMN8102AV	12/17/2003	ICPP-1829	1,2-Dichloropropane	1	U		UG/L	FIELD DUPLICATE	1,2-Dichloropropane
SEMN7901AV	SEMN8101AV	12/17/2003	ICPP-1829	1,2-Dichloropropane	1	U		UG/L	GRAB	1,2-Dichloropropane
AWB00701AV	AWB01101AV	3/29/2004	ICPP-1829	1,2-Dichloropropane	1	U		UG/L	GRAB	1,2-Dichloropropane
AWB01501AZ	AWB01901AV	6/2/2004	ICPP-1829	1,2-Dichloropropane	1	U		UG/L	GRAB	1,2-Dichloropropane
AWB02901AV	AWB02702AV	9/8/2004	ICPP-1829	1,2-Dichloropropane	1	U		UG/L	FIELD DUPLICATE	1,2-Dichloropropane
AWB02901AV	AWB02701AV	9/8/2004	ICPP-1829	1,2-Dichloropropane	1	U		UG/L	GRAB	1,2-Dichloropropane
AWB03001AV	AWB03401AV	12/21/2004	ICPP-1829	1,2-Dichloropropane	1	U		UG/L	GRAB	1,2-Dichloropropane
AWB04001AV	AWB04401AV	5/31/2005	ICPP-1829	1,2-Dichloropropane	1	U		UG/L	GRAB	1,2-Dichloropropane
AWB10101AV	AWB10501AV	9/14/2005	ICPP-1829	1,2-Dichloropropane	1	U		UG/L	GRAB	1,2-Dichloropropane
SEMN0201AV	SEMN0101AV	6/24/2003	ICPP-1831	1,2-Dichloropropane	1	U		UG/L	GRAB	1,2-Dichloropropane
SEM10001AV	SEM10001AV	9/23/2003	ICPP-1831	1,2-Dichloropropane	1	U		UG/L	GRAB	1,2-Dichloropropane
SEMN7901AV	SEMN7701AV	12/16/2003	ICPP-1831	1,2-Dichloropropane	1	U		UG/L	GRAB	1,2-Dichloropropane
AWB00701AV	AWB00702AV	3/29/2004	ICPP-1831	1,2-Dichloropropane	1	U		UG/L	FIELD DUPLICATE	1,2-Dichloropropane
AWB00701AV	AWB00701AV	3/29/2004	ICPP-1831	1,2-Dichloropropane	1	U		UG/L	GRAB	1,2-Dichloropropane
AWB01501AZ	AWB01501AZ	6/1/2004	ICPP-1831	1,2-Dichloropropane	1	U		UG/L	GRAB	1,2-Dichloropropane
AWB02901AV	AWB02301AV	9/7/2004	ICPP-1831	1,2-Dichloropropane	1	U		UG/L	GRAB	1,2-Dichloropropane
AWB03001AV	AWB03001AV	12/21/2004	ICPP-1831	1,2-Dichloropropane	1	U		UG/L	GRAB	1,2-Dichloropropane
AWB04001AV	AWB04001AV	6/1/2005	ICPP-1831	1,2-Dichloropropane	1	U		UG/L	GRAB	1,2-Dichloropropane
AWB10101AV	AWB10101AV(1)	9/13/2005	ICPP-1831	1,2-Dichloropropane	1	U		UG/L	GRAB	1,2-Dichloropropane
SEMN0201AV	SEMN0001AV	6/25/2003	USGS-123	1,2-Dichloropropane	1	U		UG/L	GRAB	1,2-Dichloropropane
SEM10001AV	SEM10901AV	9/22/2003	USGS-123	1,2-Dichloropropane	1	U		UG/L	GRAB	1,2-Dichloropropane
SEMN7901AV	SEMN7601AV	12/17/2003	USGS-123	1,2-Dichloropropane	1	U		UG/L	GRAB	1,2-Dichloropropane
AWB00701AV	AWB01201AV	3/29/2004	USGS-123	1,2-Dichloropropane	1	U		UG/L	GRAB	1,2-Dichloropropane
AWB09901AV	AWB02002AV	6/16/2004	USGS-123	1,2-Dichloropropane	1	U		UG/L	FIELD DUPLICATE	1,2-Dichloropropane
AWB09901AV	AWB02001AZ	6/16/2004	USGS-123	1,2-Dichloropropane	1	U		UG/L	GRAB	1,2-Dichloropropane
AWB09901AV	AWB02001AV	6/16/2004	USGS-123	1,2-Dichloropropane	1	U		UG/L	GRAB	1,2-Dichloropropane
AWB03001AV	AWB03502AV	12/20/2004	USGS-123	1,2-Dichloropropane	1	U		UG/L	FIELD DUPLICATE	1,2-Dichloropropane
AWB03001AV	AWB03501AV	12/20/2004	USGS-123	1,2-Dichloropropane	1	U		UG/L	GRAB	1,2-Dichloropropane
AWB03901AV	AWB03802AV	3/7/2005	USGS-123	1,2-Dichloropropane	1	U		UG/L	FIELD DUPLICATE	1,2-Dichloropropane
AWB03901AV	AWB03801A2	3/7/2005	USGS-123	1,2-Dichloropropane	1	U		UG/L	GRAB	1,2-Dichloropropane
AWB03901AV	AWB03801AV	3/7/2005	USGS-123	1,2-Dichloropropane	1	U		UG/L	GRAB	1,2-Dichloropropane
AWB04001AV	AWB04502AV	5/31/2005	USGS-123	1,2-Dichloropropane	1	U		UG/L	FIELD DUPLICATE	1,2-Dichloropropane
AWB04001AV	AWB04501AV	5/31/2005	USGS-123	1,2-Dichloropropane	1	U		UG/L	GRAB	1,2-Dichloropropane
AWB10101AV	AWB10602AV	9/14/2005	USGS-123	1,2-Dichloropropane	1	U		UG/L	FIELD DUPLICATE	1,2-Dichloropropane
AWB10101AV	AWB10601AV	9/14/2005	USGS-123	1,2-Dichloropropane	1	U		UG/L	GRAB	1,2-Dichloropropane
SEMN0201AV	SEMN0202AV	6/24/2003	ICPP-1782	1,4-Dioxane	50	U	R	UG/L	FIELD DUPLICATE	1,4-Dioxane
SEMN0201AV	SEMN0201AV	6/24/2003	ICPP-1782	1,4-Dioxane	50	U	R	UG/L	GRAB	1,4-Dioxane
SEM10001AV	SEM10102AV(1)	9/23/2003	ICPP-1782	1,4-Dioxane	50	U		UG/L	FIELD DUPLICATE	1,4-Dioxane
SEM10001AV	SEM10101AV(1)	9/23/2003	ICPP-1782	1,4-Dioxane	50	U		UG/L	GRAB	1,4-Dioxane
SEMN7901AV	SEMN7801AV	12/16/2003	ICPP-1782	1,4-Dioxane	50	U	R	UG/L	GRAB	1,4-Dioxane
AWB00701AV	AWB00801AZ	3/29/2004	ICPP-1782	1,4-Dioxane	20	U	R	UG/L	GRAB	1,4-Dioxane
AWB01501AZ	AWB01602AV	6/1/2004	ICPP-1782	1,4-Dioxane	20	U	R	UG/L	FIELD DUPLICATE	1,4-Dioxane
AWB01501AZ	AWB01601AV	6/1/2004	ICPP-1782	1,4-Dioxane	20	U	R	UG/L	GRAB	1,4-Dioxane

Table B-1. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
AWB02901AV	AWB02401AV	9/7/2004	ICPP-1782	1,4-Dioxane	20	U	R	UG/L	GRAB	1,4-Dioxane
AWB03001AV	AWB03101AV	12/21/2004	ICPP-1782	1,4-Dioxane	20		R	UG/L	GRAB	1,4-Dioxane
AWB04001AV	AWB04101AV	6/1/2005	ICPP-1782	1,4-Dioxane	20	U	R	UG/L	GRAB	1,4-Dioxane
AWB10101AV	AWB10201AV	9/13/2005	ICPP-1782	1,4-Dioxane	20	U	R	UG/L	GRAB	1,4-Dioxane
SEMN0201AV	SEMN0301AV	6/24/2003	ICPP-1783	1,4-Dioxane	50	U	R	UG/L	GRAB	1,4-Dioxane
SEM10001AV	SEM10801AV(1)	9/24/2003	ICPP-1783	1,4-Dioxane	50	U	R	UG/L	GRAB	1,4-Dioxane
SEMN7901AV	SEMN7901AV	12/16/2003	ICPP-1783	1,4-Dioxane	50	U	R	UG/L	GRAB	1,4-Dioxane
AWB00701AV	AWB00901AV	3/29/2004	ICPP-1783	1,4-Dioxane	20	U	R	UG/L	GRAB	1,4-Dioxane
AWB01501AZ	AWB01701AV	6/2/2004	ICPP-1783	1,4-Dioxane	20	U	R	UG/L	GRAB	1,4-Dioxane
AWB02901AV	AWB02501AV	9/7/2004	ICPP-1783	1,4-Dioxane	20	U	R	UG/L	GRAB	1,4-Dioxane
AWB03001AV	AWB03201AV	12/21/2004	ICPP-1783	1,4-Dioxane	23		R	UG/L	GRAB	1,4-Dioxane
AWB04001AV	AWB04201AV	6/1/2005	ICPP-1783	1,4-Dioxane	20	U	R	UG/L	GRAB	1,4-Dioxane
AWB10101AV	AWB10301AV	9/13/2005	ICPP-1783	1,4-Dioxane	20	U	R	UG/L	GRAB	1,4-Dioxane
SEMN0201AV	SEMN0401AV	6/24/2003	ICPP-1800	1,4-Dioxane	50	U	R	UG/L	GRAB	1,4-Dioxane
SEM10001AV	SEM10201AV(1)	9/24/2003	ICPP-1800	1,4-Dioxane	50	U	R	UG/L	GRAB	1,4-Dioxane
SEMN7901AV	SEMN8001AZ	12/17/2003	ICPP-1800	1,4-Dioxane	50	U	R	UG/L	GRAB	1,4-Dioxane
AWB00701AV	AWB01001AV	3/29/2004	ICPP-1800	1,4-Dioxane	20	U	R	UG/L	GRAB	1,4-Dioxane
AWB01501AZ	AWB01801AV	6/1/2004	ICPP-1800	1,4-Dioxane	20	U	R	UG/L	GRAB	1,4-Dioxane
AWB02901AV	AWB02601AZ	9/8/2004	ICPP-1800	1,4-Dioxane	20	U	R	UG/L	GRAB	1,4-Dioxane
AWB03001AV	AWB03301AZ	12/21/2004	ICPP-1800	1,4-Dioxane	20		R	UG/L	GRAB	1,4-Dioxane
AWB04001AV	AWB04301AV	5/31/2005	ICPP-1800	1,4-Dioxane	20	U	R	UG/L	GRAB	1,4-Dioxane
AWB10101AV	AWB10401AV	9/13/2005	ICPP-1800	1,4-Dioxane	20	U	R	UG/L	GRAB	1,4-Dioxane
SEMN0201AV	SEMN0501AZ	6/25/2003	ICPP-1829	1,4-Dioxane	50	U	R	UG/L	GRAB	1,4-Dioxane
SEM10001AV	SEM10301AZ(1)	9/24/2003	ICPP-1829	1,4-Dioxane	21	J	J	UG/L	GRAB	1,4-Dioxane
SEMN7901AV	SEMN8102AV	12/17/2003	ICPP-1829	1,4-Dioxane	50	U	R	UG/L	FIELD DUPLICATE	1,4-Dioxane
SEMN7901AV	SEMN8101AV	12/17/2003	ICPP-1829	1,4-Dioxane	50	U	R	UG/L	GRAB	1,4-Dioxane
AWB00701AV	AWB01101AV	3/29/2004	ICPP-1829	1,4-Dioxane	20	U	R	UG/L	GRAB	1,4-Dioxane
AWB01501AZ	AWB01901AV	6/2/2004	ICPP-1829	1,4-Dioxane	20	U	R	UG/L	GRAB	1,4-Dioxane
AWB02901AV	AWB02702AV	9/8/2004	ICPP-1829	1,4-Dioxane	20	U	R	UG/L	FIELD DUPLICATE	1,4-Dioxane
AWB02901AV	AWB02701AV	9/8/2004	ICPP-1829	1,4-Dioxane	20	U	R	UG/L	GRAB	1,4-Dioxane
AWB03001AV	AWB03401AV	12/21/2004	ICPP-1829	1,4-Dioxane	20		R	UG/L	GRAB	1,4-Dioxane
AWB04001AV	AWB04401AV	5/31/2005	ICPP-1829	1,4-Dioxane	20	U	R	UG/L	GRAB	1,4-Dioxane
AWB10101AV	AWB10501AV	9/14/2005	ICPP-1829	1,4-Dioxane	20	U		UG/L	GRAB	1,4-Dioxane
SEMN0201AV	SEMN0101AV	6/24/2003	ICPP-1831	1,4-Dioxane	50	U	R	UG/L	GRAB	1,4-Dioxane
SEM10001AV	SEM10001AV(1)	9/23/2003	ICPP-1831	1,4-Dioxane	50	U	R	UG/L	GRAB	1,4-Dioxane
SEMN7901AV	SEMN7701AV	12/16/2003	ICPP-1831	1,4-Dioxane	50	U	R	UG/L	GRAB	1,4-Dioxane
AWB00701AV	AWB00702AV	3/29/2004	ICPP-1831	1,4-Dioxane	20	U	R	UG/L	FIELD DUPLICATE	1,4-Dioxane
AWB00701AV	AWB00701AV	3/29/2004	ICPP-1831	1,4-Dioxane	20	U	R	UG/L	GRAB	1,4-Dioxane
AWB01501AZ	AWB01501AZ	6/1/2004	ICPP-1831	1,4-Dioxane	20	U	R	UG/L	GRAB	1,4-Dioxane
AWB02901AV	AWB02301AV	9/7/2004	ICPP-1831	1,4-Dioxane	20	U	R	UG/L	GRAB	1,4-Dioxane
AWB03001AV	AWB03001AV	12/21/2004	ICPP-1831	1,4-Dioxane	20	U	R	UG/L	GRAB	1,4-Dioxane
AWB04001AV	AWB04001AV	6/1/2005	ICPP-1831	1,4-Dioxane	20	U	R	UG/L	GRAB	1,4-Dioxane
AWB10101AV	AWB10101AV(1)	9/13/2005	ICPP-1831	1,4-Dioxane	20	U	R	UG/L	GRAB	1,4-Dioxane
SEMN0201AV	SEMN0001AV	6/25/2003	USGS-123	1,4-Dioxane	50	U	R	UG/L	GRAB	1,4-Dioxane
SEM10001AV	SEM10901AV(1)	9/22/2003	USGS-123	1,4-Dioxane	50	U	R	UG/L	GRAB	1,4-Dioxane
SEMN7901AV	SEMN7601AV	12/17/2003	USGS-123	1,4-Dioxane	50	U	R	UG/L	GRAB	1,4-Dioxane
AWB00701AV	AWB01201AV	3/29/2004	USGS-123	1,4-Dioxane	20	U	R	UG/L	GRAB	1,4-Dioxane
AWB09901AV	AWB02002AV	6/16/2004	USGS-123	1,4-Dioxane	20	U	R	UG/L	FIELD DUPLICATE	1,4-Dioxane
AWB09901AV	AWB02001AZ	6/16/2004	USGS-123	1,4-Dioxane	20	U	R	UG/L	GRAB	1,4-Dioxane
AWB09901AV	AWB02001AV	6/16/2004	USGS-123	1,4-Dioxane	20	U	R	UG/L	GRAB	1,4-Dioxane
AWB03001AV	AWB03502AV	12/20/2004	USGS-123	1,4-Dioxane	29		R	UG/L	FIELD DUPLICATE	1,4-Dioxane
AWB03001AV	AWB03501AV	12/20/2004	USGS-123	1,4-Dioxane	20	U	R	UG/L	GRAB	1,4-Dioxane
AWB03901AV	AWB03802AV	3/7/2005	USGS-123	1,4-Dioxane	20	U	R	UG/L	FIELD DUPLICATE	1,4-Dioxane
AWB03901AV	AWB03801A2	3/7/2005	USGS-123	1,4-Dioxane	20	U	R	UG/L	GRAB	1,4-Dioxane
AWB03901AV	AWB03801AV	3/7/2005	USGS-123	1,4-Dioxane	20	U	R	UG/L	GRAB	1,4-Dioxane

Table B-1. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
AWB04001AV	AWB04502AV	5/31/2005	USGS-123	1,4-Dioxane	20	U	R	UG/L	FIELD DUPLICATE	1,4-Dioxane
AWB04001AV	AWB04501AV	5/31/2005	USGS-123	1,4-Dioxane	20	U	R	UG/L	GRAB	1,4-Dioxane
AWB10101AV	AWB10602AV	9/14/2005	USGS-123	1,4-Dioxane	20	U	R	UG/L	FIELD DUPLICATE	1,4-Dioxane
AWB10101AV	AWB10601AV	9/14/2005	USGS-123	1,4-Dioxane	20	U	R	UG/L	GRAB	1,4-Dioxane
SEMN0201AV	SEMN0202AV	6/24/2003	ICPP-1782	2-Butanone	10	U	R	UG/L	FIELD DUPLICATE	2-Butanone
SEMN0201AV	SEMN0201AV	6/24/2003	ICPP-1782	2-Butanone	10	U	R	UG/L	GRAB	2-Butanone
SEM10001AV	SEM10102AV	9/23/2003	ICPP-1782	2-Butanone	10	U	R	UG/L	FIELD DUPLICATE	2-Butanone
SEM10001AV	SEM10101AV	9/23/2003	ICPP-1782	2-Butanone	10	U	R	UG/L	GRAB	2-Butanone
SEMN7901AV	SEMN7801AV	12/16/2003	ICPP-1782	2-Butanone	5	U		UG/L	GRAB	2-Butanone
AWB00701AV	AWB00801AZ	3/29/2004	ICPP-1782	2-Butanone	10	U	R	UG/L	GRAB	2-Butanone
AWB01501AZ	AWB01602AV	6/1/2004	ICPP-1782	2-Butanone	10	U	R	UG/L	FIELD DUPLICATE	2-Butanone
AWB01501AZ	AWB01601AV	6/1/2004	ICPP-1782	2-Butanone	10	U	R	UG/L	GRAB	2-Butanone
AWB02901AV	AWB02401AV	9/7/2004	ICPP-1782	2-Butanone	10	U	R	UG/L	GRAB	2-Butanone
AWB03001AV	AWB03101AV	12/21/2004	ICPP-1782	2-Butanone	10	U	R	UG/L	GRAB	2-Butanone
AWB04001AV	AWB04101AV	6/1/2005	ICPP-1782	2-Butanone	10	U		UG/L	GRAB	2-Butanone
AWB10101AV	AWB10201AV	9/13/2005	ICPP-1782	2-Butanone	10	U	R	UG/L	GRAB	2-Butanone
SEMN0201AV	SEMN0301AV	6/24/2003	ICPP-1783	2-Butanone	10	U	R	UG/L	GRAB	2-Butanone
SEM10001AV	SEM10801AV	9/24/2003	ICPP-1783	2-Butanone	10	U	R	UG/L	GRAB	2-Butanone
SEMN7901AV	SEMN7901AV	12/16/2003	ICPP-1783	2-Butanone	5	U		UG/L	GRAB	2-Butanone
AWB00701AV	AWB00901AV	3/29/2004	ICPP-1783	2-Butanone	10	U	R	UG/L	GRAB	2-Butanone
AWB01501AZ	AWB01701AV	6/2/2004	ICPP-1783	2-Butanone	10	U	R	UG/L	GRAB	2-Butanone
AWB02901AV	AWB02501AV	9/7/2004	ICPP-1783	2-Butanone	10	U	R	UG/L	GRAB	2-Butanone
AWB03001AV	AWB03201AV	12/21/2004	ICPP-1783	2-Butanone	10	U	R	UG/L	GRAB	2-Butanone
AWB04001AV	AWB04201AV	6/1/2005	ICPP-1783	2-Butanone	10	U		UG/L	GRAB	2-Butanone
AWB10101AV	AWB10301AV	9/13/2005	ICPP-1783	2-Butanone	10	U	R	UG/L	GRAB	2-Butanone
SEMN0201AV	SEMN0401AV	6/24/2003	ICPP-1800	2-Butanone	10	U	R	UG/L	GRAB	2-Butanone
SEM10001AV	SEM10201AV	9/24/2003	ICPP-1800	2-Butanone	10	U	R	UG/L	GRAB	2-Butanone
SEMN7901AV	SEMN8001AZ	12/17/2003	ICPP-1800	2-Butanone	5	U		UG/L	GRAB	2-Butanone
AWB00701AV	AWB01001AV	3/29/2004	ICPP-1800	2-Butanone	10	U	R	UG/L	GRAB	2-Butanone
AWB01501AZ	AWB01801AV	6/1/2004	ICPP-1800	2-Butanone	10	U	R	UG/L	GRAB	2-Butanone
AWB02901AV	AWB02601AZ	9/8/2004	ICPP-1800	2-Butanone	10	U	R	UG/L	GRAB	2-Butanone
AWB03001AV	AWB03301AZ	12/21/2004	ICPP-1800	2-Butanone	10	U	R	UG/L	GRAB	2-Butanone
AWB04001AV	AWB04301AV	5/31/2005	ICPP-1800	2-Butanone	10	U		UG/L	GRAB	2-Butanone
AWB10101AV	AWB10401AV	9/13/2005	ICPP-1800	2-Butanone	10	U	R	UG/L	GRAB	2-Butanone
SEMN0201AV	SEMN0501AZ	6/25/2003	ICPP-1829	2-Butanone	10	U	R	UG/L	GRAB	2-Butanone
SEM10001AV	SEM10301AZ	9/24/2003	ICPP-1829	2-Butanone	10	U	R	UG/L	GRAB	2-Butanone
SEMN7901AV	SEMN8102AV	12/17/2003	ICPP-1829	2-Butanone	5	U		UG/L	FIELD DUPLICATE	2-Butanone
SEMN7901AV	SEMN8101AV	12/17/2003	ICPP-1829	2-Butanone	5	U		UG/L	GRAB	2-Butanone
AWB00701AV	AWB01101AV	3/29/2004	ICPP-1829	2-Butanone	10	U	R	UG/L	GRAB	2-Butanone
AWB01501AZ	AWB01901AV	6/2/2004	ICPP-1829	2-Butanone	10	U	R	UG/L	GRAB	2-Butanone
AWB02901AV	AWB02702AV	9/8/2004	ICPP-1829	2-Butanone	10	U	R	UG/L	FIELD DUPLICATE	2-Butanone
AWB02901AV	AWB02701AV	9/8/2004	ICPP-1829	2-Butanone	10	U	R	UG/L	GRAB	2-Butanone
AWB03001AV	AWB03401AV	12/21/2004	ICPP-1829	2-Butanone	10	U	R	UG/L	GRAB	2-Butanone
AWB04001AV	AWB04401AV	5/31/2005	ICPP-1829	2-Butanone	10	U		UG/L	GRAB	2-Butanone
AWB10101AV	AWB10501AV	9/14/2005	ICPP-1829	2-Butanone	10	U	R	UG/L	GRAB	2-Butanone
SEMN0201AV	SEMN0101AV	6/24/2003	ICPP-1831	2-Butanone	10	U	R	UG/L	GRAB	2-Butanone
SEM10001AV	SEM10001AV	9/23/2003	ICPP-1831	2-Butanone	10	U	R	UG/L	GRAB	2-Butanone
SEMN7901AV	SEMN7701AV	12/16/2003	ICPP-1831	2-Butanone	5	U		UG/L	GRAB	2-Butanone
AWB00701AV	AWB00702AV	3/29/2004	ICPP-1831	2-Butanone	10	U	R	UG/L	FIELD DUPLICATE	2-Butanone
AWB00701AV	AWB00701AV	3/29/2004	ICPP-1831	2-Butanone	10	U	R	UG/L	GRAB	2-Butanone
AWB01501AZ	AWB01501AZ	6/1/2004	ICPP-1831	2-Butanone	10	U	R	UG/L	GRAB	2-Butanone
AWB02901AV	AWB02301AV	9/7/2004	ICPP-1831	2-Butanone	10	U	R	UG/L	GRAB	2-Butanone
AWB03001AV	AWB03001AV	12/21/2004	ICPP-1831	2-Butanone	10	U	R	UG/L	GRAB	2-Butanone
AWB04001AV	AWB04001AV	6/1/2005	ICPP-1831	2-Butanone	10	U		UG/L	GRAB	2-Butanone
AWB10101AV	AWB10101AV(1)	9/13/2005	ICPP-1831	2-Butanone	10	U	R	UG/L	GRAB	2-Butanone
SEMN0201AV	SEMN0001AV	6/25/2003	USGS-123	2-Butanone	10	U	R	UG/L	GRAB	2-Butanone

Table B-1. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
SEM10001AV	SEM10901AV	9/22/2003	USGS-123	2-Butanone	10	U	R	UG/L	GRAB	2-Butanone
SEMN7901AV	SEMN7601AV	12/17/2003	USGS-123	2-Butanone	5	U		UG/L	GRAB	2-Butanone
AWB00701AV	AWB01201AV	3/29/2004	USGS-123	2-Butanone	10	U	R	UG/L	GRAB	2-Butanone
AWB09901AV	AWB02002AV	6/16/2004	USGS-123	2-Butanone	10	U	R	UG/L	FIELD DUPLICATE	2-Butanone
AWB09901AV	AWB02001AZ	6/16/2004	USGS-123	2-Butanone	10	U	R	UG/L	GRAB	2-Butanone
AWB09901AV	AWB02001AV	6/16/2004	USGS-123	2-Butanone	10	U	R	UG/L	GRAB	2-Butanone
AWB03001AV	AWB03502AV	12/20/2004	USGS-123	2-Butanone	10	U	R	UG/L	FIELD DUPLICATE	2-Butanone
AWB03001AV	AWB03501AV	12/20/2004	USGS-123	2-Butanone	10	U	R	UG/L	GRAB	2-Butanone
AWB03901AV	AWB03802AV	3/7/2005	USGS-123	2-Butanone	10	U	R	UG/L	FIELD DUPLICATE	2-Butanone
AWB03901AV	AWB03801A2	3/7/2005	USGS-123	2-Butanone	10	U	R	UG/L	GRAB	2-Butanone
AWB03901AV	AWB03801AV	3/7/2005	USGS-123	2-Butanone	10	U	R	UG/L	GRAB	2-Butanone
AWB04001AV	AWB04502AV	5/31/2005	USGS-123	2-Butanone	10	U		UG/L	FIELD DUPLICATE	2-Butanone
AWB04001AV	AWB04501AV	5/31/2005	USGS-123	2-Butanone	10	U		UG/L	GRAB	2-Butanone
AWB10101AV	AWB10602AV	9/14/2005	USGS-123	2-Butanone	10	U	R	UG/L	FIELD DUPLICATE	2-Butanone
AWB10101AV	AWB10601AV	9/14/2005	USGS-123	2-Butanone	10	U	R	UG/L	GRAB	2-Butanone
SEMN0201AV	SEMN0202AV	6/24/2003	ICPP-1782	2-Hexanone	10	U	R	UG/L	FIELD DUPLICATE	2-Hexanone
SEMN0201AV	SEMN0201AV	6/24/2003	ICPP-1782	2-Hexanone	10	U	R	UG/L	GRAB	2-Hexanone
SEM10001AV	SEM10102AV	9/23/2003	ICPP-1782	2-Hexanone	10	U	R	UG/L	FIELD DUPLICATE	2-Hexanone
SEM10001AV	SEM10101AV	9/23/2003	ICPP-1782	2-Hexanone	10	U	R	UG/L	GRAB	2-Hexanone
SEMN7901AV	SEMN7801AV	12/16/2003	ICPP-1782	2-Hexanone	5	U		UG/L	GRAB	2-Hexanone
AWB00701AV	AWB00801AZ	3/29/2004	ICPP-1782	2-Hexanone	10	U		UG/L	GRAB	2-Hexanone
AWB01501AZ	AWB01602AV	6/1/2004	ICPP-1782	2-Hexanone	10	U	UJ	UG/L	FIELD DUPLICATE	2-Hexanone
AWB01501AZ	AWB01601AV	6/1/2004	ICPP-1782	2-Hexanone	10	U	UJ	UG/L	GRAB	2-Hexanone
AWB02901AV	AWB02401AV	9/7/2004	ICPP-1782	2-Hexanone	10	U	R	UG/L	GRAB	2-Hexanone
AWB03001AV	AWB03101AV	12/21/2004	ICPP-1782	2-Hexanone	10	U		UG/L	GRAB	2-Hexanone
AWB04001AV	AWB04101AV	6/1/2005	ICPP-1782	2-Hexanone	10	U	R	UG/L	GRAB	2-Hexanone
AWB10101AV	AWB10201AV	9/13/2005	ICPP-1782	2-Hexanone	10	U		UG/L	GRAB	2-Hexanone
SEMN0201AV	SEMN0301AV	6/24/2003	ICPP-1783	2-Hexanone	10	U	R	UG/L	GRAB	2-Hexanone
SEM10001AV	SEM10801AV	9/24/2003	ICPP-1783	2-Hexanone	10	U	R	UG/L	GRAB	2-Hexanone
SEMN7901AV	SEMN7901AV	12/16/2003	ICPP-1783	2-Hexanone	5	U		UG/L	GRAB	2-Hexanone
AWB00701AV	AWB00901AV	3/29/2004	ICPP-1783	2-Hexanone	10	U		UG/L	GRAB	2-Hexanone
AWB01501AZ	AWB01701AV	6/2/2004	ICPP-1783	2-Hexanone	10	U	UJ	UG/L	GRAB	2-Hexanone
AWB02901AV	AWB02501AV	9/7/2004	ICPP-1783	2-Hexanone	10	U	R	UG/L	GRAB	2-Hexanone
AWB03001AV	AWB03201AV	12/21/2004	ICPP-1783	2-Hexanone	10	U		UG/L	GRAB	2-Hexanone
AWB04001AV	AWB04201AV	6/1/2005	ICPP-1783	2-Hexanone	10	U	R	UG/L	GRAB	2-Hexanone
AWB10101AV	AWB10301AV	9/13/2005	ICPP-1783	2-Hexanone	10	U		UG/L	GRAB	2-Hexanone
SEMN0201AV	SEMN0401AV	6/24/2003	ICPP-1800	2-Hexanone	10	U	R	UG/L	GRAB	2-Hexanone
SEM10001AV	SEM10201AV	9/24/2003	ICPP-1800	2-Hexanone	10	U	R	UG/L	GRAB	2-Hexanone
SEMN7901AV	SEMN8001AZ	12/17/2003	ICPP-1800	2-Hexanone	5	U		UG/L	GRAB	2-Hexanone
AWB00701AV	AWB01001AV	3/29/2004	ICPP-1800	2-Hexanone	10	U		UG/L	GRAB	2-Hexanone
AWB01501AZ	AWB01801AV	6/1/2004	ICPP-1800	2-Hexanone	10	U	UJ	UG/L	GRAB	2-Hexanone
AWB02901AV	AWB02601AZ	9/8/2004	ICPP-1800	2-Hexanone	10	U	R	UG/L	GRAB	2-Hexanone
AWB03001AV	AWB03301AZ	12/21/2004	ICPP-1800	2-Hexanone	10	U		UG/L	GRAB	2-Hexanone
AWB04001AV	AWB04301AV	5/31/2005	ICPP-1800	2-Hexanone	10	U	R	UG/L	GRAB	2-Hexanone
AWB10101AV	AWB10401AV	9/13/2005	ICPP-1800	2-Hexanone	10	U		UG/L	GRAB	2-Hexanone
SEMN0201AV	SEMN0501AZ	6/25/2003	ICPP-1829	2-Hexanone	10	U	R	UG/L	GRAB	2-Hexanone
SEM10001AV	SEM10301AZ	9/24/2003	ICPP-1829	2-Hexanone	10	U	R	UG/L	GRAB	2-Hexanone
SEMN7901AV	SEMN8102AV	12/17/2003	ICPP-1829	2-Hexanone	5	U		UG/L	FIELD DUPLICATE	2-Hexanone
SEMN7901AV	SEMN8101AV	12/17/2003	ICPP-1829	2-Hexanone	5	U		UG/L	GRAB	2-Hexanone
AWB00701AV	AWB01101AV	3/29/2004	ICPP-1829	2-Hexanone	10	U	UJ	UG/L	GRAB	2-Hexanone
AWB01501AZ	AWB01901AV	6/2/2004	ICPP-1829	2-Hexanone	10	U	UJ	UG/L	GRAB	2-Hexanone
AWB02901AV	AWB02702AV	9/8/2004	ICPP-1829	2-Hexanone	10	U	R	UG/L	FIELD DUPLICATE	2-Hexanone
AWB02901AV	AWB02701AV	9/8/2004	ICPP-1829	2-Hexanone	10	U	R	UG/L	GRAB	2-Hexanone
AWB03001AV	AWB03401AV	12/21/2004	ICPP-1829	2-Hexanone	10	U		UG/L	GRAB	2-Hexanone
AWB04001AV	AWB04401AV	5/31/2005	ICPP-1829	2-Hexanone	10	U	R	UG/L	GRAB	2-Hexanone
AWB10101AV	AWB10501AV	9/14/2005	ICPP-1829	2-Hexanone	10	U		UG/L	GRAB	2-Hexanone

Table B-1. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
SEMN0201AV	SEMN0101AV	6/24/2003	ICPP-1831	2-Hexanone	10	U	R	UG/L	GRAB	2-Hexanone
SEM10001AV	SEM10001AV	9/23/2003	ICPP-1831	2-Hexanone	10	U	R	UG/L	GRAB	2-Hexanone
SEMN7901AV	SEMN7701AV	12/16/2003	ICPP-1831	2-Hexanone	5	U		UG/L	GRAB	2-Hexanone
AWB00701AV	AWB00702AV	3/29/2004	ICPP-1831	2-Hexanone	10	U		UG/L	FIELD DUPLICATE	2-Hexanone
AWB00701AV	AWB00701AV	3/29/2004	ICPP-1831	2-Hexanone	10	U		UG/L	GRAB	2-Hexanone
AWB01501AZ	AWB01501AZ	6/1/2004	ICPP-1831	2-Hexanone	10	U	UJ	UG/L	GRAB	2-Hexanone
AWB02901AV	AWB02301AV	9/7/2004	ICPP-1831	2-Hexanone	10	U	R	UG/L	GRAB	2-Hexanone
AWB03001AV	AWB03001AV	12/21/2004	ICPP-1831	2-Hexanone	10	U		UG/L	GRAB	2-Hexanone
AWB04001AV	AWB04001AV	6/1/2005	ICPP-1831	2-Hexanone	10	U	R	UG/L	GRAB	2-Hexanone
AWB10101AV	AWB10101AV(1)	9/13/2005	ICPP-1831	2-Hexanone	10	U		UG/L	GRAB	2-Hexanone
SEMN0201AV	SEMN0001AV	6/25/2003	USGS-123	2-Hexanone	10	U	R	UG/L	GRAB	2-Hexanone
SEM10001AV	SEM10901AV	9/22/2003	USGS-123	2-Hexanone	10	U	R	UG/L	GRAB	2-Hexanone
SEMN7901AV	SEMN7601AV	12/17/2003	USGS-123	2-Hexanone	5	U		UG/L	GRAB	2-Hexanone
AWB00701AV	AWB01201AV	3/29/2004	USGS-123	2-Hexanone	10	U	UJ	UG/L	GRAB	2-Hexanone
AWB09901AV	AWB02002AV	6/16/2004	USGS-123	2-Hexanone	10	U		UG/L	FIELD DUPLICATE	2-Hexanone
AWB09901AV	AWB02001AZ	6/16/2004	USGS-123	2-Hexanone	10	U		UG/L	GRAB	2-Hexanone
AWB09901AV	AWB02001AV	6/16/2004	USGS-123	2-Hexanone	10	U		UG/L	GRAB	2-Hexanone
AWB03001AV	AWB03502AV	12/20/2004	USGS-123	2-Hexanone	10	U		UG/L	FIELD DUPLICATE	2-Hexanone
AWB03001AV	AWB03501AV	12/20/2004	USGS-123	2-Hexanone	10	U		UG/L	GRAB	2-Hexanone
AWB03901AV	AWB03802AV	3/7/2005	USGS-123	2-Hexanone	10	U		UG/L	FIELD DUPLICATE	2-Hexanone
AWB03901AV	AWB03801A2	3/7/2005	USGS-123	2-Hexanone	10	U		UG/L	GRAB	2-Hexanone
AWB03901AV	AWB03801AV	3/7/2005	USGS-123	2-Hexanone	10	U		UG/L	GRAB	2-Hexanone
AWB04001AV	AWB04502AV	5/31/2005	USGS-123	2-Hexanone	10	U	R	UG/L	FIELD DUPLICATE	2-Hexanone
AWB04001AV	AWB04501AV	5/31/2005	USGS-123	2-Hexanone	10	U	R	UG/L	GRAB	2-Hexanone
AWB10101AV	AWB10602AV	9/14/2005	USGS-123	2-Hexanone	10	U		UG/L	FIELD DUPLICATE	2-Hexanone
AWB10101AV	AWB10601AV	9/14/2005	USGS-123	2-Hexanone	10	U		UG/L	GRAB	2-Hexanone
SEMN0201AV	SEMN0202AV	6/24/2003	ICPP-1782	4-Methyl-2-Pentanone	10	U		UG/L	FIELD DUPLICATE	4-Methyl-2-Pentanone
SEMN0201AV	SEMN0201AV	6/24/2003	ICPP-1782	4-Methyl-2-Pentanone	10	U		UG/L	GRAB	4-Methyl-2-Pentanone
SEM10001AV	SEM10102AV	9/23/2003	ICPP-1782	4-Methyl-2-Pentanone	10	U		UG/L	FIELD DUPLICATE	4-Methyl-2-Pentanone
SEM10001AV	SEM10101AV	9/23/2003	ICPP-1782	4-Methyl-2-Pentanone	10	U		UG/L	GRAB	4-Methyl-2-Pentanone
SEMN7901AV	SEMN7801AV	12/16/2003	ICPP-1782	4-Methyl-2-Pentanone	5	U		UG/L	GRAB	4-Methyl-2-Pentanone
AWB00701AV	AWB00801AZ	3/29/2004	ICPP-1782	4-Methyl-2-Pentanone	10	U	R	UG/L	GRAB	4-Methyl-2-Pentanone
AWB01501AZ	AWB01602AV	6/1/2004	ICPP-1782	4-Methyl-2-Pentanone	10	U		UG/L	FIELD DUPLICATE	4-Methyl-2-Pentanone
AWB01501AZ	AWB01601AV	6/1/2004	ICPP-1782	4-Methyl-2-Pentanone	10	U		UG/L	GRAB	4-Methyl-2-Pentanone
AWB02901AV	AWB02401AV	9/7/2004	ICPP-1782	4-Methyl-2-Pentanone	10	U	R	UG/L	GRAB	4-Methyl-2-Pentanone
AWB03001AV	AWB03101AV	12/21/2004	ICPP-1782	4-Methyl-2-Pentanone	10	U		UG/L	GRAB	4-Methyl-2-Pentanone
AWB04001AV	AWB04101AV	6/1/2005	ICPP-1782	4-Methyl-2-Pentanone	10	U		UG/L	GRAB	4-Methyl-2-Pentanone
AWB10101AV	AWB10201AV	9/13/2005	ICPP-1782	4-Methyl-2-Pentanone	10	U		UG/L	GRAB	4-Methyl-2-Pentanone
SEMN0201AV	SEMN0301AV	6/24/2003	ICPP-1783	4-Methyl-2-Pentanone	10	U		UG/L	GRAB	4-Methyl-2-Pentanone
SEM10001AV	SEM10801AV	9/24/2003	ICPP-1783	4-Methyl-2-Pentanone	10	U		UG/L	GRAB	4-Methyl-2-Pentanone
SEMN7901AV	SEMN7901AV	12/16/2003	ICPP-1783	4-Methyl-2-Pentanone	5	U		UG/L	GRAB	4-Methyl-2-Pentanone
AWB00701AV	AWB00901AV	3/29/2004	ICPP-1783	4-Methyl-2-Pentanone	10	U	R	UG/L	GRAB	4-Methyl-2-Pentanone
AWB01501AZ	AWB01701AV	6/2/2004	ICPP-1783	4-Methyl-2-Pentanone	0.73	J	J	UG/L	GRAB	4-Methyl-2-Pentanone
AWB02901AV	AWB02501AV	9/7/2004	ICPP-1783	4-Methyl-2-Pentanone	10	U	R	UG/L	GRAB	4-Methyl-2-Pentanone
AWB03001AV	AWB03201AV	12/21/2004	ICPP-1783	4-Methyl-2-Pentanone	10	U		UG/L	GRAB	4-Methyl-2-Pentanone
AWB04001AV	AWB04201AV	6/1/2005	ICPP-1783	4-Methyl-2-Pentanone	10	U		UG/L	GRAB	4-Methyl-2-Pentanone
AWB10101AV	AWB10301AV	9/13/2005	ICPP-1783	4-Methyl-2-Pentanone	10	U		UG/L	GRAB	4-Methyl-2-Pentanone
SEMN0201AV	SEMN0401AV	6/24/2003	ICPP-1800	4-Methyl-2-Pentanone	10	U		UG/L	GRAB	4-Methyl-2-Pentanone
SEM10001AV	SEM10201AV	9/24/2003	ICPP-1800	4-Methyl-2-Pentanone	10	U		UG/L	GRAB	4-Methyl-2-Pentanone
SEMN7901AV	SEMN8001AZ	12/17/2003	ICPP-1800	4-Methyl-2-Pentanone	5	U		UG/L	GRAB	4-Methyl-2-Pentanone
AWB00701AV	AWB01001AV	3/29/2004	ICPP-1800	4-Methyl-2-Pentanone	10	U	R	UG/L	GRAB	4-Methyl-2-Pentanone
AWB01501AZ	AWB01801AV	6/1/2004	ICPP-1800	4-Methyl-2-Pentanone	10	U		UG/L	GRAB	4-Methyl-2-Pentanone
AWB02901AV	AWB02601AZ	9/8/2004	ICPP-1800	4-Methyl-2-Pentanone	10	U	R	UG/L	GRAB	4-Methyl-2-Pentanone
AWB03001AV	AWB03301AZ	12/21/2004	ICPP-1800	4-Methyl-2-Pentanone	10	U		UG/L	GRAB	4-Methyl-2-Pentanone
AWB04001AV	AWB04301AV	5/31/2005	ICPP-1800	4-Methyl-2-Pentanone	10	U		UG/L	GRAB	4-Methyl-2-Pentanone
AWB10101AV	AWB10401AV	9/13/2005	ICPP-1800	4-Methyl-2-Pentanone	10	U		UG/L	GRAB	4-Methyl-2-Pentanone

Table B-1. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
SEMN0201AV	SEMN0501AZ	6/25/2003	ICPP-1829	4-Methyl-2-Pentanone	10	U		UG/L	GRAB	4-Methyl-2-Pentanone
SEM10001AV	SEM10301AZ	9/24/2003	ICPP-1829	4-Methyl-2-Pentanone	10	U		UG/L	GRAB	4-Methyl-2-Pentanone
SEMN7901AV	SEMN8102AV	12/17/2003	ICPP-1829	4-Methyl-2-Pentanone	5	U		UG/L	FIELD DUPLICATE	4-Methyl-2-Pentanone
SEMN7901AV	SEMN8101AV	12/17/2003	ICPP-1829	4-Methyl-2-Pentanone	5	U		UG/L	GRAB	4-Methyl-2-Pentanone
AWB00701AV	AWB01101AV	3/29/2004	ICPP-1829	4-Methyl-2-Pentanone	10	U	R	UG/L	GRAB	4-Methyl-2-Pentanone
AWB01501AZ	AWB01901AV	6/2/2004	ICPP-1829	4-Methyl-2-Pentanone	10	U		UG/L	GRAB	4-Methyl-2-Pentanone
AWB02901AV	AWB02702AV	9/8/2004	ICPP-1829	4-Methyl-2-Pentanone	10	U	R	UG/L	FIELD DUPLICATE	4-Methyl-2-Pentanone
AWB02901AV	AWB02701AV	9/8/2004	ICPP-1829	4-Methyl-2-Pentanone	10	U	R	UG/L	GRAB	4-Methyl-2-Pentanone
AWB03001AV	AWB03401AV	12/21/2004	ICPP-1829	4-Methyl-2-Pentanone	10	U		UG/L	GRAB	4-Methyl-2-Pentanone
AWB04001AV	AWB04401AV	5/31/2005	ICPP-1829	4-Methyl-2-Pentanone	10	U		UG/L	GRAB	4-Methyl-2-Pentanone
AWB10101AV	AWB10501AV	9/14/2005	ICPP-1829	4-Methyl-2-Pentanone	10	U	R	UG/L	GRAB	4-Methyl-2-Pentanone
SEMN0201AV	SEMN0101AV	6/24/2003	ICPP-1831	4-Methyl-2-Pentanone	10	U		UG/L	GRAB	4-Methyl-2-Pentanone
SEM10001AV	SEM10001AV	9/23/2003	ICPP-1831	4-Methyl-2-Pentanone	10	U		UG/L	GRAB	4-Methyl-2-Pentanone
SEMN7901AV	SEMN7701AV	12/16/2003	ICPP-1831	4-Methyl-2-Pentanone	5	U		UG/L	GRAB	4-Methyl-2-Pentanone
AWB00701AV	AWB00702AV	3/29/2004	ICPP-1831	4-Methyl-2-Pentanone	10	U	R	UG/L	FIELD DUPLICATE	4-Methyl-2-Pentanone
AWB00701AV	AWB00701AV	3/29/2004	ICPP-1831	4-Methyl-2-Pentanone	10	U	R	UG/L	GRAB	4-Methyl-2-Pentanone
AWB01501AZ	AWB01501AZ	6/1/2004	ICPP-1831	4-Methyl-2-Pentanone	10	U		UG/L	GRAB	4-Methyl-2-Pentanone
AWB02901AV	AWB02301AV	9/7/2004	ICPP-1831	4-Methyl-2-Pentanone	10	U	R	UG/L	GRAB	4-Methyl-2-Pentanone
AWB03001AV	AWB03001AV	12/21/2004	ICPP-1831	4-Methyl-2-Pentanone	10	U		UG/L	GRAB	4-Methyl-2-Pentanone
AWB04001AV	AWB04001AV	6/1/2005	ICPP-1831	4-Methyl-2-Pentanone	10	U		UG/L	GRAB	4-Methyl-2-Pentanone
AWB10101AV	AWB10101AV(1)	9/13/2005	ICPP-1831	4-Methyl-2-Pentanone	10	U		UG/L	GRAB	4-Methyl-2-Pentanone
SEMN0201AV	SEMN0001AV	6/25/2003	USGS-123	4-Methyl-2-Pentanone	10	U		UG/L	GRAB	4-Methyl-2-Pentanone
SEM10001AV	SEM10901AV	9/22/2003	USGS-123	4-Methyl-2-Pentanone	10	U		UG/L	GRAB	4-Methyl-2-Pentanone
SEMN7901AV	SEMN7601AV	12/17/2003	USGS-123	4-Methyl-2-Pentanone	5	U		UG/L	GRAB	4-Methyl-2-Pentanone
AWB00701AV	AWB01201AV	3/29/2004	USGS-123	4-Methyl-2-Pentanone	10	U	R	UG/L	GRAB	4-Methyl-2-Pentanone
AWB09901AV	AWB02002AV	6/16/2004	USGS-123	4-Methyl-2-Pentanone	10	U		UG/L	FIELD DUPLICATE	4-Methyl-2-Pentanone
AWB09901AV	AWB02001AZ	6/16/2004	USGS-123	4-Methyl-2-Pentanone	10	U		UG/L	GRAB	4-Methyl-2-Pentanone
AWB09901AV	AWB02001AV	6/16/2004	USGS-123	4-Methyl-2-Pentanone	10	U		UG/L	GRAB	4-Methyl-2-Pentanone
AWB03001AV	AWB03502AV	12/20/2004	USGS-123	4-Methyl-2-Pentanone	10	U		UG/L	FIELD DUPLICATE	4-Methyl-2-Pentanone
AWB03001AV	AWB03501AV	12/20/2004	USGS-123	4-Methyl-2-Pentanone	10	U		UG/L	GRAB	4-Methyl-2-Pentanone
AWB03901AV	AWB03802AV	3/7/2005	USGS-123	4-Methyl-2-Pentanone	10	U	R	UG/L	FIELD DUPLICATE	4-Methyl-2-Pentanone
AWB03901AV	AWB03801A2	3/7/2005	USGS-123	4-Methyl-2-Pentanone	10	U	R	UG/L	GRAB	4-Methyl-2-Pentanone
AWB03901AV	AWB03801AV	3/7/2005	USGS-123	4-Methyl-2-Pentanone	10	U	R	UG/L	GRAB	4-Methyl-2-Pentanone
AWB04001AV	AWB04502AV	5/31/2005	USGS-123	4-Methyl-2-Pentanone	10	U		UG/L	FIELD DUPLICATE	4-Methyl-2-Pentanone
AWB04001AV	AWB04501AV	5/31/2005	USGS-123	4-Methyl-2-Pentanone	10	U		UG/L	GRAB	4-Methyl-2-Pentanone
AWB10101AV	AWB10602AV	9/14/2005	USGS-123	4-Methyl-2-Pentanone	10	U		UG/L	FIELD DUPLICATE	4-Methyl-2-Pentanone
AWB10101AV	AWB10601AV	9/14/2005	USGS-123	4-Methyl-2-Pentanone	10	U		UG/L	GRAB	4-Methyl-2-Pentanone
SEMN0201AV	SEMN0202AV	6/24/2003	ICPP-1782	Acetone	10	U	R	UG/L	FIELD DUPLICATE	Acetone
SEMN0201AV	SEMN0201AV	6/24/2003	ICPP-1782	Acetone	10	U	R	UG/L	GRAB	Acetone
SEM10001AV	SEM10102AV	9/23/2003	ICPP-1782	Acetone	10	U	R	UG/L	FIELD DUPLICATE	Acetone
SEM10001AV	SEM10101AV	9/23/2003	ICPP-1782	Acetone	10	U	R	UG/L	GRAB	Acetone
SEMN7901AV	SEMN7801AV	12/16/2003	ICPP-1782	Acetone	5	U		UG/L	GRAB	Acetone
AWB00701AV	AWB00801AZ	3/29/2004	ICPP-1782	Acetone	10		R	UG/L	GRAB	Acetone
AWB01501AZ	AWB01602AV	6/1/2004	ICPP-1782	Acetone	10	U	R	UG/L	FIELD DUPLICATE	Acetone
AWB01501AZ	AWB01601AV	6/1/2004	ICPP-1782	Acetone	10	U	R	UG/L	GRAB	Acetone
AWB02901AV	AWB02401AV	9/7/2004	ICPP-1782	Acetone	10	U	R	UG/L	GRAB	Acetone
AWB03001AV	AWB03101AV	12/21/2004	ICPP-1782	Acetone	10	U		UG/L	GRAB	Acetone
AWB04001AV	AWB04101AV	6/1/2005	ICPP-1782	Acetone	10	U	R	UG/L	GRAB	Acetone
AWB10101AV	AWB10201AV	9/13/2005	ICPP-1782	Acetone	10	U	R	UG/L	GRAB	Acetone
SEMN0201AV	SEMN0301AV	6/24/2003	ICPP-1783	Acetone	10	U	R	UG/L	GRAB	Acetone
SEM10001AV	SEM10801AV	9/24/2003	ICPP-1783	Acetone	10	U	R	UG/L	GRAB	Acetone
SEMN7901AV	SEMN7901AV	12/16/2003	ICPP-1783	Acetone	5	U		UG/L	GRAB	Acetone
AWB00701AV	AWB00901AV	3/29/2004	ICPP-1783	Acetone	10	U	R	UG/L	GRAB	Acetone
AWB01501AZ	AWB01701AV	6/2/2004	ICPP-1783	Acetone	10	U	R	UG/L	GRAB	Acetone
AWB02901AV	AWB02501AV	9/7/2004	ICPP-1783	Acetone	10	U	R	UG/L	GRAB	Acetone
AWB03001AV	AWB03201AV	12/21/2004	ICPP-1783	Acetone	10	U		UG/L	GRAB	Acetone

Table B-1. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
AWB04001AV	AWB04201AV	6/1/2005	ICPP-1783	Acetone	10	U	R	UG/L	GRAB	Acetone
AWB10101AV	AWB10301AV	9/13/2005	ICPP-1783	Acetone	10	U	R	UG/L	GRAB	Acetone
SEMN0201AV	SEMN0401AV	6/24/2003	ICPP-1800	Acetone	10	U	R	UG/L	GRAB	Acetone
SEM10001AV	SEM10201AV	9/24/2003	ICPP-1800	Acetone	10	U	R	UG/L	GRAB	Acetone
SEMN7901AV	SEMN8001AZ	12/17/2003	ICPP-1800	Acetone	5	U		UG/L	GRAB	Acetone
AWB00701AV	AWB01001AV	3/29/2004	ICPP-1800	Acetone	10	U	R	UG/L	GRAB	Acetone
AWB01501AZ	AWB01801AV	6/1/2004	ICPP-1800	Acetone	10	U	R	UG/L	GRAB	Acetone
AWB02901AV	AWB02601AZ	9/8/2004	ICPP-1800	Acetone	10	U	R	UG/L	GRAB	Acetone
AWB03001AV	AWB03301AZ	12/21/2004	ICPP-1800	Acetone	10	U		UG/L	GRAB	Acetone
AWB04001AV	AWB04301AV	5/31/2005	ICPP-1800	Acetone	10	U	R	UG/L	GRAB	Acetone
AWB10101AV	AWB10401AV	9/13/2005	ICPP-1800	Acetone	10	U	R	UG/L	GRAB	Acetone
SEMN0201AV	SEMN0501AZ	6/25/2003	ICPP-1829	Acetone	10	U	R	UG/L	GRAB	Acetone
SEM10001AV	SEM10301AZ	9/24/2003	ICPP-1829	Acetone	10	U	R	UG/L	GRAB	Acetone
SEMN7901AV	SEMN8102AV	12/17/2003	ICPP-1829	Acetone	5	U		UG/L	FIELD DUPLICATE	Acetone
SEMN7901AV	SEMN8101AV	12/17/2003	ICPP-1829	Acetone	5	U		UG/L	GRAB	Acetone
AWB00701AV	AWB01101AV	3/29/2004	ICPP-1829	Acetone	10	U	R	UG/L	GRAB	Acetone
AWB01501AZ	AWB01901AV	6/2/2004	ICPP-1829	Acetone	10	U	R	UG/L	GRAB	Acetone
AWB02901AV	AWB02702AV	9/8/2004	ICPP-1829	Acetone	10	U	R	UG/L	FIELD DUPLICATE	Acetone
AWB02901AV	AWB02701AV	9/8/2004	ICPP-1829	Acetone	10	U	R	UG/L	GRAB	Acetone
AWB03001AV	AWB03401AV	12/21/2004	ICPP-1829	Acetone	10	U		UG/L	GRAB	Acetone
AWB04001AV	AWB04401AV	5/31/2005	ICPP-1829	Acetone	10		R	UG/L	GRAB	Acetone
AWB10101AV	AWB10501AV	9/14/2005	ICPP-1829	Acetone	10	U	R	UG/L	GRAB	Acetone
SEMN0201AV	SEMN0101AV	6/24/2003	ICPP-1831	Acetone	10	U	R	UG/L	GRAB	Acetone
SEM10001AV	SEM10001AV	9/23/2003	ICPP-1831	Acetone	10	U	R	UG/L	GRAB	Acetone
SEMN7901AV	SEMN7701AV	12/16/2003	ICPP-1831	Acetone	5	U		UG/L	GRAB	Acetone
AWB00701AV	AWB00702AV	3/29/2004	ICPP-1831	Acetone	10		R	UG/L	FIELD DUPLICATE	Acetone
AWB00701AV	AWB00701AV	3/29/2004	ICPP-1831	Acetone	10		R	UG/L	GRAB	Acetone
AWB01501AZ	AWB01501AZ	6/1/2004	ICPP-1831	Acetone	10		R	UG/L	GRAB	Acetone
AWB02901AV	AWB02301AV	9/7/2004	ICPP-1831	Acetone	10	U	R	UG/L	GRAB	Acetone
AWB03001AV	AWB03001AV	12/21/2004	ICPP-1831	Acetone	10	U		UG/L	GRAB	Acetone
AWB04001AV	AWB04001AV	6/1/2005	ICPP-1831	Acetone	10	U	R	UG/L	GRAB	Acetone
AWB10101AV	AWB10101AV(1)	9/13/2005	ICPP-1831	Acetone	10	U	R	UG/L	GRAB	Acetone
SEMN0201AV	SEMN0001AV	6/25/2003	USGS-123	Acetone	10	U	R	UG/L	GRAB	Acetone
SEM10001AV	SEM10901AV	9/22/2003	USGS-123	Acetone	10	U	R	UG/L	GRAB	Acetone
SEMN7901AV	SEMN7601AV	12/17/2003	USGS-123	Acetone	5	U		UG/L	GRAB	Acetone
AWB00701AV	AWB01201AV	3/29/2004	USGS-123	Acetone	10		R	UG/L	GRAB	Acetone
AWB09901AV	AWB02002AV	6/16/2004	USGS-123	Acetone	10		R	UG/L	FIELD DUPLICATE	Acetone
AWB09901AV	AWB02001AZ	6/16/2004	USGS-123	Acetone	10		R	UG/L	GRAB	Acetone
AWB09901AV	AWB02001AV	6/16/2004	USGS-123	Acetone	10		R	UG/L	GRAB	Acetone
AWB03001AV	AWB03502AV	12/20/2004	USGS-123	Acetone	10	U		UG/L	FIELD DUPLICATE	Acetone
AWB03001AV	AWB03501AV	12/20/2004	USGS-123	Acetone	10	U		UG/L	GRAB	Acetone
AWB03901AV	AWB03802AV	3/7/2005	USGS-123	Acetone	10	U	R	UG/L	FIELD DUPLICATE	Acetone
AWB03901AV	AWB03801A2	3/7/2005	USGS-123	Acetone	10	U	R	UG/L	GRAB	Acetone
AWB03901AV	AWB03801AV	3/7/2005	USGS-123	Acetone	10	U	R	UG/L	GRAB	Acetone
AWB04001AV	AWB04502AV	5/31/2005	USGS-123	Acetone	10	U	R	UG/L	FIELD DUPLICATE	Acetone
AWB04001AV	AWB04501AV	5/31/2005	USGS-123	Acetone	10	U	R	UG/L	GRAB	Acetone
AWB10101AV	AWB10602AV	9/14/2005	USGS-123	Acetone	10	U	R	UG/L	FIELD DUPLICATE	Acetone
AWB10101AV	AWB10601AV	9/14/2005	USGS-123	Acetone	10	U	R	UG/L	GRAB	Acetone
SEMN0201AV	SEMN0202AV	6/24/2003	ICPP-1782	Acetonitrile	20	U	R	UG/L	FIELD DUPLICATE	Acetonitrile
SEMN0201AV	SEMN0201AV	6/24/2003	ICPP-1782	Acetonitrile	20	U	R	UG/L	GRAB	Acetonitrile
SEMN7901AV	SEMN7801AV	12/16/2003	ICPP-1782	Acetonitrile	25	U	R	UG/L	GRAB	Acetonitrile
AWB00701AV	AWB00801AZ	3/29/2004	ICPP-1782	Acetonitrile	20	U		UG/L	GRAB	Acetonitrile
AWB01501AZ	AWB01602AV	6/1/2004	ICPP-1782	Acetonitrile	20	U	UJ	UG/L	FIELD DUPLICATE	Acetonitrile
AWB01501AZ	AWB01601AV	6/1/2004	ICPP-1782	Acetonitrile	20	U	UJ	UG/L	GRAB	Acetonitrile
AWB02901AV	AWB02401AV	9/7/2004	ICPP-1782	Acetonitrile	20	U	R	UG/L	GRAB	Acetonitrile
AWB03001AV	AWB03101AV	12/21/2004	ICPP-1782	Acetonitrile	20	U	R	UG/L	GRAB	Acetonitrile

Table B-1. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
AWB04001AV	AWB04101AV	6/1/2005	ICPP-1782	Acetonitrile	20	U	R	UG/L	GRAB	Acetonitrile
AWB10101AV	AWB10201AV	9/13/2005	ICPP-1782	Acetonitrile	20	U		UG/L	GRAB	Acetonitrile
SEMN0201AV	SEMN0301AV	6/24/2003	ICPP-1783	Acetonitrile	20	U	R	UG/L	GRAB	Acetonitrile
SEMN7901AV	SEMN7901AV	12/16/2003	ICPP-1783	Acetonitrile	25	U	R	UG/L	GRAB	Acetonitrile
AWB00701AV	AWB00901AV	3/29/2004	ICPP-1783	Acetonitrile	20	U		UG/L	GRAB	Acetonitrile
AWB01501AZ	AWB01701AV	6/2/2004	ICPP-1783	Acetonitrile	20	U		UG/L	GRAB	Acetonitrile
AWB02901AV	AWB02501AV	9/7/2004	ICPP-1783	Acetonitrile	20	U	R	UG/L	GRAB	Acetonitrile
AWB03001AV	AWB03201AV	12/21/2004	ICPP-1783	Acetonitrile	20	U	R	UG/L	GRAB	Acetonitrile
AWB04001AV	AWB04201AV	6/1/2005	ICPP-1783	Acetonitrile	20	U	R	UG/L	GRAB	Acetonitrile
AWB10101AV	AWB10301AV	9/13/2005	ICPP-1783	Acetonitrile	20	U		UG/L	GRAB	Acetonitrile
SEMN0201AV	SEMN0401AV	6/24/2003	ICPP-1800	Acetonitrile	20	U	R	UG/L	GRAB	Acetonitrile
SEMN7901AV	SEMN8001AZ	12/17/2003	ICPP-1800	Acetonitrile	25	U	R	UG/L	GRAB	Acetonitrile
AWB00701AV	AWB01001AV	3/29/2004	ICPP-1800	Acetonitrile	20	U		UG/L	GRAB	Acetonitrile
AWB01501AZ	AWB01801AV	6/1/2004	ICPP-1800	Acetonitrile	20	U	UJ	UG/L	GRAB	Acetonitrile
AWB02901AV	AWB02601AZ	9/8/2004	ICPP-1800	Acetonitrile	20	U	R	UG/L	GRAB	Acetonitrile
AWB03001AV	AWB03301AZ	12/21/2004	ICPP-1800	Acetonitrile	20	U	R	UG/L	GRAB	Acetonitrile
AWB04001AV	AWB04301AV	5/31/2005	ICPP-1800	Acetonitrile	20	U	R	UG/L	GRAB	Acetonitrile
AWB10101AV	AWB10401AV	9/13/2005	ICPP-1800	Acetonitrile	20	U		UG/L	GRAB	Acetonitrile
SEMN0201AV	SEMN0501AZ	6/25/2003	ICPP-1829	Acetonitrile	20	U	R	UG/L	GRAB	Acetonitrile
SEMN7901AV	SEMN8102AV	12/17/2003	ICPP-1829	Acetonitrile	25	U	R	UG/L	FIELD DUPLICATE	Acetonitrile
SEMN7901AV	SEMN8101AV	12/17/2003	ICPP-1829	Acetonitrile	25	U	R	UG/L	GRAB	Acetonitrile
AWB00701AV	AWB01101AV	3/29/2004	ICPP-1829	Acetonitrile	20	U	UJ	UG/L	GRAB	Acetonitrile
AWB01501AZ	AWB01901AV	6/2/2004	ICPP-1829	Acetonitrile	20	U		UG/L	GRAB	Acetonitrile
AWB02901AV	AWB02702AV	9/8/2004	ICPP-1829	Acetonitrile	20	U	R	UG/L	FIELD DUPLICATE	Acetonitrile
AWB02901AV	AWB02701AV	9/8/2004	ICPP-1829	Acetonitrile	20	U	R	UG/L	GRAB	Acetonitrile
AWB03001AV	AWB03401AV	12/21/2004	ICPP-1829	Acetonitrile	20	U	R	UG/L	GRAB	Acetonitrile
AWB04001AV	AWB04401AV	5/31/2005	ICPP-1829	Acetonitrile	20	U	R	UG/L	GRAB	Acetonitrile
AWB10101AV	AWB10501AV	9/14/2005	ICPP-1829	Acetonitrile	20	U		UG/L	GRAB	Acetonitrile
SEMN0201AV	SEMN0101AV	6/24/2003	ICPP-1831	Acetonitrile	20	U	R	UG/L	GRAB	Acetonitrile
SEMN7901AV	SEMN7701AV	12/16/2003	ICPP-1831	Acetonitrile	25	U	R	UG/L	GRAB	Acetonitrile
AWB00701AV	AWB00702AV	3/29/2004	ICPP-1831	Acetonitrile	20	U		UG/L	FIELD DUPLICATE	Acetonitrile
AWB00701AV	AWB00701AV	3/29/2004	ICPP-1831	Acetonitrile	20	U		UG/L	GRAB	Acetonitrile
AWB01501AZ	AWB01501AZ	6/1/2004	ICPP-1831	Acetonitrile	20	U	UJ	UG/L	GRAB	Acetonitrile
AWB02901AV	AWB02301AV	9/7/2004	ICPP-1831	Acetonitrile	20	U	R	UG/L	GRAB	Acetonitrile
AWB03001AV	AWB03001AV	12/21/2004	ICPP-1831	Acetonitrile	20	U	R	UG/L	GRAB	Acetonitrile
AWB04001AV	AWB04001AV	6/1/2005	ICPP-1831	Acetonitrile	20	U	R	UG/L	GRAB	Acetonitrile
AWB10101AV	AWB10101AV(1)	9/13/2005	ICPP-1831	Acetonitrile	20	U		UG/L	GRAB	Acetonitrile
SEMN0201AV	SEMN0001AV	6/25/2003	USGS-123	Acetonitrile	20	U	R	UG/L	GRAB	Acetonitrile
SEMN7901AV	SEMN7601AV	12/17/2003	USGS-123	Acetonitrile	25	U	R	UG/L	GRAB	Acetonitrile
AWB00701AV	AWB01201AV	3/29/2004	USGS-123	Acetonitrile	20	U	UJ	UG/L	GRAB	Acetonitrile
AWB09901AV	AWB02002AV	6/16/2004	USGS-123	Acetonitrile	20	U		UG/L	FIELD DUPLICATE	Acetonitrile
AWB09901AV	AWB02001AZ	6/16/2004	USGS-123	Acetonitrile	20	U		UG/L	GRAB	Acetonitrile
AWB09901AV	AWB02001AV	6/16/2004	USGS-123	Acetonitrile	20	U		UG/L	GRAB	Acetonitrile
AWB03001AV	AWB03502AV	12/20/2004	USGS-123	Acetonitrile	20	U	R	UG/L	FIELD DUPLICATE	Acetonitrile
AWB03001AV	AWB03501AV	12/20/2004	USGS-123	Acetonitrile	20	U	R	UG/L	GRAB	Acetonitrile
AWB03901AV	AWB03802AV	3/7/2005	USGS-123	Acetonitrile	20	U	R	UG/L	FIELD DUPLICATE	Acetonitrile
AWB03901AV	AWB03801A2	3/7/2005	USGS-123	Acetonitrile	20	U	R	UG/L	GRAB	Acetonitrile
AWB03901AV	AWB03801AV	3/7/2005	USGS-123	Acetonitrile	20	U	R	UG/L	GRAB	Acetonitrile
AWB04001AV	AWB04502AV	5/31/2005	USGS-123	Acetonitrile	20	U	R	UG/L	FIELD DUPLICATE	Acetonitrile
AWB04001AV	AWB04501AV	5/31/2005	USGS-123	Acetonitrile	20	U	R	UG/L	GRAB	Acetonitrile
AWB10101AV	AWB10602AV	9/14/2005	USGS-123	Acetonitrile	20	U		UG/L	FIELD DUPLICATE	Acetonitrile
AWB10101AV	AWB10601AV	9/14/2005	USGS-123	Acetonitrile	20	U		UG/L	GRAB	Acetonitrile
SEMN0201AV	SEMN0202AV	6/24/2003	ICPP-1782	Acrolein	5	U	R	UG/L	FIELD DUPLICATE	Acrolein
SEMN0201AV	SEMN0201AV	6/24/2003	ICPP-1782	Acrolein	5	U	R	UG/L	GRAB	Acrolein
SEM10001AV	SEM10102AV(1)	9/23/2003	ICPP-1782	Acrolein	5	U		UG/L	FIELD DUPLICATE	Acrolein
SEM10001AV	SEM10101AV(1)	9/23/2003	ICPP-1782	Acrolein	5	U		UG/L	GRAB	Acrolein

Table B-1. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
SEMN7901AV	SEMN7801AV	12/16/2003	ICPP-1782	Acrolein	5	U	R	UG/L	GRAB	Acrolein
AWB00701AV	AWB00801AZ	3/29/2004	ICPP-1782	Acrolein	4.2	U	R	UG/L	GRAB	Acrolein
AWB01501AZ	AWB01602AV	6/1/2004	ICPP-1782	Acrolein	4.2	U	UJ	UG/L	FIELD DUPLICATE	Acrolein
AWB01501AZ	AWB01601AV	6/1/2004	ICPP-1782	Acrolein	4.2	U	UJ	UG/L	GRAB	Acrolein
AWB02901AV	AWB02401AV	9/7/2004	ICPP-1782	Acrolein	4.2	U	R	UG/L	GRAB	Acrolein
AWB03001AV	AWB03101AV	12/21/2004	ICPP-1782	Acrolein	4.2	U	R	UG/L	GRAB	Acrolein
AWB04001AV	AWB04101AV	6/1/2005	ICPP-1782	Acrolein	4.2	U	R	UG/L	GRAB	Acrolein
AWB10101AV	AWB10201AV	9/13/2005	ICPP-1782	Acrolein	4.2	U	R	UG/L	GRAB	Acrolein
SEMN0201AV	SEMN0301AV	6/24/2003	ICPP-1783	Acrolein	5	U	R	UG/L	GRAB	Acrolein
SEM10001AV	SEM10801AV(1)	9/24/2003	ICPP-1783	Acrolein	5	U	R	UG/L	GRAB	Acrolein
SEMN7901AV	SEMN7901AV	12/16/2003	ICPP-1783	Acrolein	5	U	R	UG/L	GRAB	Acrolein
AWB00701AV	AWB00901AV	3/29/2004	ICPP-1783	Acrolein	4.2	U	R	UG/L	GRAB	Acrolein
AWB01501AZ	AWB01701AV	6/2/2004	ICPP-1783	Acrolein	4.2	U		UG/L	GRAB	Acrolein
AWB02901AV	AWB02501AV	9/7/2004	ICPP-1783	Acrolein	4.2	U	R	UG/L	GRAB	Acrolein
AWB03001AV	AWB03201AV	12/21/2004	ICPP-1783	Acrolein	4.2	U	R	UG/L	GRAB	Acrolein
AWB04001AV	AWB04201AV	6/1/2005	ICPP-1783	Acrolein	4.2	U	R	UG/L	GRAB	Acrolein
AWB10101AV	AWB10301AV	9/13/2005	ICPP-1783	Acrolein	4.2	U	R	UG/L	GRAB	Acrolein
SEMN0201AV	SEMN0401AV	6/24/2003	ICPP-1800	Acrolein	5	U	R	UG/L	GRAB	Acrolein
SEM10001AV	SEM10201AV(1)	9/24/2003	ICPP-1800	Acrolein	5	U	R	UG/L	GRAB	Acrolein
SEMN7901AV	SEMN8001AZ	12/17/2003	ICPP-1800	Acrolein	5	U	R	UG/L	GRAB	Acrolein
AWB00701AV	AWB01001AV	3/29/2004	ICPP-1800	Acrolein	4.2	U	R	UG/L	GRAB	Acrolein
AWB01501AZ	AWB01801AV	6/1/2004	ICPP-1800	Acrolein	4.2	U	UJ	UG/L	GRAB	Acrolein
AWB02901AV	AWB02601AZ	9/8/2004	ICPP-1800	Acrolein	4.2	U	R	UG/L	GRAB	Acrolein
AWB03001AV	AWB03301AZ	12/21/2004	ICPP-1800	Acrolein	4.2	U	R	UG/L	GRAB	Acrolein
AWB04001AV	AWB04301AV	5/31/2005	ICPP-1800	Acrolein	4.2	U	R	UG/L	GRAB	Acrolein
AWB10101AV	AWB10401AV	9/13/2005	ICPP-1800	Acrolein	4.2	U	R	UG/L	GRAB	Acrolein
SEMN0201AV	SEMN0501AZ	6/25/2003	ICPP-1829	Acrolein	5	U	R	UG/L	GRAB	Acrolein
SEM10001AV	SEM10301AZ(1)	9/24/2003	ICPP-1829	Acrolein	5	U		UG/L	GRAB	Acrolein
SEMN7901AV	SEMN8102AV	12/17/2003	ICPP-1829	Acrolein	5	U	R	UG/L	FIELD DUPLICATE	Acrolein
SEMN7901AV	SEMN8101AV	12/17/2003	ICPP-1829	Acrolein	5	U	R	UG/L	GRAB	Acrolein
AWB00701AV	AWB01101AV	3/29/2004	ICPP-1829	Acrolein	4.2	U	R	UG/L	GRAB	Acrolein
AWB01501AZ	AWB01901AV	6/2/2004	ICPP-1829	Acrolein	4.2	U		UG/L	GRAB	Acrolein
AWB02901AV	AWB02702AV	9/8/2004	ICPP-1829	Acrolein	4.2	U	R	UG/L	FIELD DUPLICATE	Acrolein
AWB02901AV	AWB02701AV	9/8/2004	ICPP-1829	Acrolein	4.2	U	R	UG/L	GRAB	Acrolein
AWB03001AV	AWB03401AV	12/21/2004	ICPP-1829	Acrolein	4.2	U	R	UG/L	GRAB	Acrolein
AWB04001AV	AWB04401AV	5/31/2005	ICPP-1829	Acrolein	4.2	U	R	UG/L	GRAB	Acrolein
AWB10101AV	AWB10501AV	9/14/2005	ICPP-1829	Acrolein	4.2	U	R	UG/L	GRAB	Acrolein
SEMN0201AV	SEMN0101AV	6/24/2003	ICPP-1831	Acrolein	5	U	R	UG/L	GRAB	Acrolein
SEM10001AV	SEM10001AV(1)	9/23/2003	ICPP-1831	Acrolein	5	U	R	UG/L	GRAB	Acrolein
SEMN7901AV	SEMN7701AV	12/16/2003	ICPP-1831	Acrolein	5	U	R	UG/L	GRAB	Acrolein
AWB00701AV	AWB00702AV	3/29/2004	ICPP-1831	Acrolein	4.2	U	R	UG/L	FIELD DUPLICATE	Acrolein
AWB00701AV	AWB00701AV	3/29/2004	ICPP-1831	Acrolein	4.2	U	R	UG/L	GRAB	Acrolein
AWB01501AZ	AWB01501AZ	6/1/2004	ICPP-1831	Acrolein	4.2	U	UJ	UG/L	GRAB	Acrolein
AWB02901AV	AWB02301AV	9/7/2004	ICPP-1831	Acrolein	4.2	U	R	UG/L	GRAB	Acrolein
AWB03001AV	AWB03001AV	12/21/2004	ICPP-1831	Acrolein	4.2	U	R	UG/L	GRAB	Acrolein
AWB04001AV	AWB04001AV	6/1/2005	ICPP-1831	Acrolein	4.2	U	R	UG/L	GRAB	Acrolein
AWB10101AV	AWB10101AV(1)	9/13/2005	ICPP-1831	Acrolein	4.2	U	R	UG/L	GRAB	Acrolein
SEMN0201AV	SEMN0001AV	6/25/2003	USGS-123	Acrolein	5	U	R	UG/L	GRAB	Acrolein
SEM10001AV	SEM10901AV(1)	9/22/2003	USGS-123	Acrolein	5	U	R	UG/L	GRAB	Acrolein
SEMN7901AV	SEMN7601AV	12/17/2003	USGS-123	Acrolein	5	U	R	UG/L	GRAB	Acrolein
AWB00701AV	AWB01201AV	3/29/2004	USGS-123	Acrolein	4.2	U	R	UG/L	GRAB	Acrolein
AWB09901AV	AWB02002AV	6/16/2004	USGS-123	Acrolein	4.2	U	R	UG/L	FIELD DUPLICATE	Acrolein
AWB09901AV	AWB02001AZ	6/16/2004	USGS-123	Acrolein	4.2	U	R	UG/L	GRAB	Acrolein
AWB09901AV	AWB02001AV	6/16/2004	USGS-123	Acrolein	4.2	U	R	UG/L	GRAB	Acrolein
AWB03001AV	AWB03502AV	12/20/2004	USGS-123	Acrolein	4.2	U	R	UG/L	FIELD DUPLICATE	Acrolein
AWB03001AV	AWB03501AV	12/20/2004	USGS-123	Acrolein	4.2	U	R	UG/L	GRAB	Acrolein

Table B-1. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
AWB03901AV	AWB03802AV	3/7/2005	USGS-123	Acrolein	4.2	U	R	UG/L	FIELD DUPLICATE	Acrolein
AWB03901AV	AWB03801A2	3/7/2005	USGS-123	Acrolein	4.2	U	R	UG/L	GRAB	Acrolein
AWB03901AV	AWB03801AV	3/7/2005	USGS-123	Acrolein	4.2	U	R	UG/L	GRAB	Acrolein
AWB04001AV	AWB04502AV	5/31/2005	USGS-123	Acrolein	4.2	U	R	UG/L	FIELD DUPLICATE	Acrolein
AWB04001AV	AWB04501AV	5/31/2005	USGS-123	Acrolein	4.2	U	R	UG/L	GRAB	Acrolein
AWB10101AV	AWB10602AV	9/14/2005	USGS-123	Acrolein	4.2	U	R	UG/L	FIELD DUPLICATE	Acrolein
AWB10101AV	AWB10601AV	9/14/2005	USGS-123	Acrolein	4.2	U	R	UG/L	GRAB	Acrolein
SEMN0201AV	SEMN0202AV	6/24/2003	ICPP-1782	Acrylonitrile	5	U	R	UG/L	FIELD DUPLICATE	Acrylonitrile
SEMN0201AV	SEMN0201AV	6/24/2003	ICPP-1782	Acrylonitrile	5	U	R	UG/L	GRAB	Acrylonitrile
SEM10001AV	SEM10102AV(1)	9/23/2003	ICPP-1782	Acrylonitrile	5	U	R	UG/L	FIELD DUPLICATE	Acrylonitrile
SEM10001AV	SEM10101AV(1)	9/23/2003	ICPP-1782	Acrylonitrile	5	U	R	UG/L	GRAB	Acrylonitrile
SEMN7901AV	SEMN7801AV	12/16/2003	ICPP-1782	Acrylonitrile	5	U		UG/L	GRAB	Acrylonitrile
AWB00701AV	AWB00801AZ	3/29/2004	ICPP-1782	Acrylonitrile	3.9	U	R	UG/L	GRAB	Acrylonitrile
AWB01501AZ	AWB01602AV	6/1/2004	ICPP-1782	Acrylonitrile	3.9	U		UG/L	FIELD DUPLICATE	Acrylonitrile
AWB01501AZ	AWB01601AV	6/1/2004	ICPP-1782	Acrylonitrile	3.9	U		UG/L	GRAB	Acrylonitrile
AWB02901AV	AWB02401AV	9/7/2004	ICPP-1782	Acrylonitrile	3.9	U	R	UG/L	GRAB	Acrylonitrile
AWB03001AV	AWB03101AV	12/21/2004	ICPP-1782	Acrylonitrile	3.9	U	R	UG/L	GRAB	Acrylonitrile
AWB04001AV	AWB04101AV	6/1/2005	ICPP-1782	Acrylonitrile	3.9	U	R	UG/L	GRAB	Acrylonitrile
AWB10101AV	AWB10201AV	9/13/2005	ICPP-1782	Acrylonitrile	3.9	U	R	UG/L	GRAB	Acrylonitrile
SEMN0201AV	SEMN0301AV	6/24/2003	ICPP-1783	Acrylonitrile	5	U	R	UG/L	GRAB	Acrylonitrile
SEM10001AV	SEM10801AV(1)	9/24/2003	ICPP-1783	Acrylonitrile	5	U	R	UG/L	GRAB	Acrylonitrile
SEMN7901AV	SEMN7901AV	12/16/2003	ICPP-1783	Acrylonitrile	5	U		UG/L	GRAB	Acrylonitrile
AWB00701AV	AWB00901AV	3/29/2004	ICPP-1783	Acrylonitrile	3.9	U	R	UG/L	GRAB	Acrylonitrile
AWB01501AZ	AWB01701AV	6/2/2004	ICPP-1783	Acrylonitrile	3.9	U		UG/L	GRAB	Acrylonitrile
AWB02901AV	AWB02501AV	9/7/2004	ICPP-1783	Acrylonitrile	3.9	U	R	UG/L	GRAB	Acrylonitrile
AWB03001AV	AWB03201AV	12/21/2004	ICPP-1783	Acrylonitrile	3.9	U	R	UG/L	GRAB	Acrylonitrile
AWB04001AV	AWB04201AV	6/1/2005	ICPP-1783	Acrylonitrile	3.9	U	R	UG/L	GRAB	Acrylonitrile
AWB10101AV	AWB10301AV	9/13/2005	ICPP-1783	Acrylonitrile	3.9	U	R	UG/L	GRAB	Acrylonitrile
SEMN0201AV	SEMN0401AV	6/24/2003	ICPP-1800	Acrylonitrile	5	U	R	UG/L	GRAB	Acrylonitrile
SEM10001AV	SEM10201AV(1)	9/24/2003	ICPP-1800	Acrylonitrile	5	U	R	UG/L	GRAB	Acrylonitrile
SEMN7901AV	SEMN8001AZ	12/17/2003	ICPP-1800	Acrylonitrile	5	U		UG/L	GRAB	Acrylonitrile
AWB00701AV	AWB01001AV	3/29/2004	ICPP-1800	Acrylonitrile	3.9	U	R	UG/L	GRAB	Acrylonitrile
AWB01501AZ	AWB01801AV	6/1/2004	ICPP-1800	Acrylonitrile	3.9	U		UG/L	GRAB	Acrylonitrile
AWB02901AV	AWB02601AZ	9/8/2004	ICPP-1800	Acrylonitrile	3.9	U	R	UG/L	GRAB	Acrylonitrile
AWB03001AV	AWB03301AZ	12/21/2004	ICPP-1800	Acrylonitrile	3.9	U	R	UG/L	GRAB	Acrylonitrile
AWB04001AV	AWB04301AV	5/31/2005	ICPP-1800	Acrylonitrile	3.9	U	R	UG/L	GRAB	Acrylonitrile
AWB10101AV	AWB10401AV	9/13/2005	ICPP-1800	Acrylonitrile	3.9	U	R	UG/L	GRAB	Acrylonitrile
SEMN0201AV	SEMN0501AZ	6/25/2003	ICPP-1829	Acrylonitrile	5	U	R	UG/L	GRAB	Acrylonitrile
SEM10001AV	SEM10301AZ(1)	9/24/2003	ICPP-1829	Acrylonitrile	5	U	R	UG/L	GRAB	Acrylonitrile
SEMN7901AV	SEMN8102AV	12/17/2003	ICPP-1829	Acrylonitrile	5	U		UG/L	FIELD DUPLICATE	Acrylonitrile
SEMN7901AV	SEMN8101AV	12/17/2003	ICPP-1829	Acrylonitrile	5	U		UG/L	GRAB	Acrylonitrile
AWB00701AV	AWB01101AV	3/29/2004	ICPP-1829	Acrylonitrile	3.9	U	R	UG/L	GRAB	Acrylonitrile
AWB01501AZ	AWB01901AV	6/2/2004	ICPP-1829	Acrylonitrile	3.9	U		UG/L	GRAB	Acrylonitrile
AWB02901AV	AWB02702AV	9/8/2004	ICPP-1829	Acrylonitrile	3.9	U	R	UG/L	FIELD DUPLICATE	Acrylonitrile
AWB02901AV	AWB02701AV	9/8/2004	ICPP-1829	Acrylonitrile	3.9	U	R	UG/L	GRAB	Acrylonitrile
AWB03001AV	AWB03401AV	12/21/2004	ICPP-1829	Acrylonitrile	3.9	U	R	UG/L	GRAB	Acrylonitrile
AWB04001AV	AWB04401AV	5/31/2005	ICPP-1829	Acrylonitrile	3.9	U	R	UG/L	GRAB	Acrylonitrile
AWB10101AV	AWB10501AV	9/14/2005	ICPP-1829	Acrylonitrile	3.9	U	R	UG/L	GRAB	Acrylonitrile
SEMN0201AV	SEMN0101AV	6/24/2003	ICPP-1831	Acrylonitrile	5	U	R	UG/L	GRAB	Acrylonitrile
SEM10001AV	SEM10001AV(1)	9/23/2003	ICPP-1831	Acrylonitrile	5	U	R	UG/L	GRAB	Acrylonitrile
SEMN7901AV	SEMN7701AV	12/16/2003	ICPP-1831	Acrylonitrile	5	U		UG/L	GRAB	Acrylonitrile
AWB00701AV	AWB00702AV	3/29/2004	ICPP-1831	Acrylonitrile	3.9	U	R	UG/L	FIELD DUPLICATE	Acrylonitrile
AWB00701AV	AWB00701AV	3/29/2004	ICPP-1831	Acrylonitrile	3.9	U	R	UG/L	GRAB	Acrylonitrile
AWB01501AZ	AWB01501AZ	6/1/2004	ICPP-1831	Acrylonitrile	3.9	U		UG/L	GRAB	Acrylonitrile
AWB02901AV	AWB02301AV	9/7/2004	ICPP-1831	Acrylonitrile	3.9	U	R	UG/L	GRAB	Acrylonitrile
AWB03001AV	AWB03001AV	12/21/2004	ICPP-1831	Acrylonitrile	3.9	U	R	UG/L	GRAB	Acrylonitrile

Table B-1. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
AWB04001AV	AWB04001AV	6/1/2005	ICPP-1831	Acrylonitrile	3.9	U	R	UG/L	GRAB	Acrylonitrile
AWB10101AV	AWB10101AV(1)	9/13/2005	ICPP-1831	Acrylonitrile	3.9	U	R	UG/L	GRAB	Acrylonitrile
SEMN0201AV	SEMN0001AV	6/25/2003	USGS-123	Acrylonitrile	5	U	R	UG/L	GRAB	Acrylonitrile
SEM10001AV	SEM10901AV(1)	9/22/2003	USGS-123	Acrylonitrile	5	U	R	UG/L	GRAB	Acrylonitrile
SEMN7901AV	SEMN7601AV	12/17/2003	USGS-123	Acrylonitrile	5	U		UG/L	GRAB	Acrylonitrile
AWB00701AV	AWB01201AV	3/29/2004	USGS-123	Acrylonitrile	3.9	U	R	UG/L	GRAB	Acrylonitrile
AWB09901AV	AWB02002AV	6/16/2004	USGS-123	Acrylonitrile	3.9	U	R	UG/L	FIELD DUPLICATE	Acrylonitrile
AWB09901AV	AWB02001AZ	6/16/2004	USGS-123	Acrylonitrile	3.9	U	R	UG/L	GRAB	Acrylonitrile
AWB09901AV	AWB02001AV	6/16/2004	USGS-123	Acrylonitrile	3.9	U	R	UG/L	GRAB	Acrylonitrile
AWB03001AV	AWB03502AV	12/20/2004	USGS-123	Acrylonitrile	3.9	U	R	UG/L	FIELD DUPLICATE	Acrylonitrile
AWB03001AV	AWB03501AV	12/20/2004	USGS-123	Acrylonitrile	3.9	U	R	UG/L	GRAB	Acrylonitrile
AWB03901AV	AWB03802AV	3/7/2005	USGS-123	Acrylonitrile	3.9	U	R	UG/L	FIELD DUPLICATE	Acrylonitrile
AWB03901AV	AWB03801A2	3/7/2005	USGS-123	Acrylonitrile	3.9	U	R	UG/L	GRAB	Acrylonitrile
AWB03901AV	AWB03801AV	3/7/2005	USGS-123	Acrylonitrile	3.9	U	R	UG/L	GRAB	Acrylonitrile
AWB04001AV	AWB04502AV	5/31/2005	USGS-123	Acrylonitrile	3.9	U	R	UG/L	FIELD DUPLICATE	Acrylonitrile
AWB04001AV	AWB04501AV	5/31/2005	USGS-123	Acrylonitrile	3.9	U	R	UG/L	GRAB	Acrylonitrile
AWB10101AV	AWB10602AV	9/14/2005	USGS-123	Acrylonitrile	3.9	U	R	UG/L	FIELD DUPLICATE	Acrylonitrile
AWB10101AV	AWB10601AV	9/14/2005	USGS-123	Acrylonitrile	3.9	U	R	UG/L	GRAB	Acrylonitrile
SEMN0201AV	SEMN0202AV	6/24/2003	ICPP-1782	Allyl Chloride	5	U		UG/L	FIELD DUPLICATE	3-Chloropropene
SEMN0201AV	SEMN0201AV	6/24/2003	ICPP-1782	Allyl Chloride	5	U		UG/L	GRAB	3-Chloropropene
SEM10001AV	SEM10102AV(1)	9/23/2003	ICPP-1782	Allyl Chloride	5	U		UG/L	FIELD DUPLICATE	3-Chloropropene
SEM10001AV	SEM10101AV(1)	9/23/2003	ICPP-1782	Allyl Chloride	5	U		UG/L	GRAB	3-Chloropropene
SEMN7901AV	SEMN7801AV	12/16/2003	ICPP-1782	Allyl Chloride	5	U		UG/L	GRAB	Allyl Chloride
AWB00701AV	AWB00801AZ	3/29/2004	ICPP-1782	Allyl Chloride	5	U		UG/L	GRAB	Allyl Chloride
AWB01501AZ	AWB01602AV	6/1/2004	ICPP-1782	Allyl Chloride	5	U		UG/L	FIELD DUPLICATE	Allyl Chloride
AWB01501AZ	AWB01601AV	6/1/2004	ICPP-1782	Allyl Chloride	5	U		UG/L	GRAB	Allyl Chloride
AWB02901AV	AWB02401AV	9/7/2004	ICPP-1782	Allyl Chloride	5	U	UJ	UG/L	GRAB	Allyl Chloride
AWB03001AV	AWB03101AV	12/21/2004	ICPP-1782	Allyl Chloride	5	U		UG/L	GRAB	Allyl Chloride
AWB04001AV	AWB04101AV	6/1/2005	ICPP-1782	Allyl Chloride	5	U		UG/L	GRAB	Allyl Chloride
AWB10101AV	AWB10201AV	9/13/2005	ICPP-1782	Allyl Chloride	5	U		UG/L	GRAB	Allyl Chloride
SEMN0201AV	SEMN0301AV	6/24/2003	ICPP-1783	Allyl Chloride	5	U		UG/L	GRAB	3-Chloropropene
SEM10001AV	SEM10801AV(1)	9/24/2003	ICPP-1783	Allyl Chloride	5	U		UG/L	GRAB	3-Chloropropene
SEMN7901AV	SEMN7901AV	12/16/2003	ICPP-1783	Allyl Chloride	5	U		UG/L	GRAB	Allyl Chloride
AWB00701AV	AWB00901AV	3/29/2004	ICPP-1783	Allyl Chloride	5	U		UG/L	GRAB	Allyl Chloride
AWB01501AZ	AWB01701AV	6/2/2004	ICPP-1783	Allyl Chloride	5	U	UJ	UG/L	GRAB	Allyl Chloride
AWB02901AV	AWB02501AV	9/7/2004	ICPP-1783	Allyl Chloride	5	U	UJ	UG/L	GRAB	Allyl Chloride
AWB03001AV	AWB03201AV	12/21/2004	ICPP-1783	Allyl Chloride	5	U		UG/L	GRAB	Allyl Chloride
AWB04001AV	AWB04201AV	6/1/2005	ICPP-1783	Allyl Chloride	5	U		UG/L	GRAB	Allyl Chloride
AWB10101AV	AWB10301AV	9/13/2005	ICPP-1783	Allyl Chloride	5	U		UG/L	GRAB	Allyl Chloride
SEMN0201AV	SEMN0401AV	6/24/2003	ICPP-1800	Allyl Chloride	5	U		UG/L	GRAB	3-Chloropropene
SEM10001AV	SEM10201AV(1)	9/24/2003	ICPP-1800	Allyl Chloride	5	U		UG/L	GRAB	3-Chloropropene
SEMN7901AV	SEMN8001AZ	12/17/2003	ICPP-1800	Allyl Chloride	5	U		UG/L	GRAB	Allyl Chloride
AWB00701AV	AWB01001AV	3/29/2004	ICPP-1800	Allyl Chloride	5	U		UG/L	GRAB	Allyl Chloride
AWB01501AZ	AWB01801AV	6/1/2004	ICPP-1800	Allyl Chloride	5	U		UG/L	GRAB	Allyl Chloride
AWB02901AV	AWB02601AZ	9/8/2004	ICPP-1800	Allyl Chloride	5	U	UJ	UG/L	GRAB	Allyl Chloride
AWB03001AV	AWB03301AZ	12/21/2004	ICPP-1800	Allyl Chloride	5	U		UG/L	GRAB	Allyl Chloride
AWB04001AV	AWB04301AV	5/31/2005	ICPP-1800	Allyl Chloride	5	U		UG/L	GRAB	Allyl Chloride
AWB10101AV	AWB10401AV	9/13/2005	ICPP-1800	Allyl Chloride	5	U		UG/L	GRAB	Allyl Chloride
SEMN0201AV	SEMN0501AZ	6/25/2003	ICPP-1829	Allyl Chloride	5	U		UG/L	GRAB	3-Chloropropene
SEM10001AV	SEM10301AZ(1)	9/24/2003	ICPP-1829	Allyl Chloride	5	U		UG/L	GRAB	3-Chloropropene
SEMN7901AV	SEMN8102AV	12/17/2003	ICPP-1829	Allyl Chloride	5	U		UG/L	FIELD DUPLICATE	Allyl Chloride
SEMN7901AV	SEMN8101AV	12/17/2003	ICPP-1829	Allyl Chloride	5	U		UG/L	GRAB	Allyl Chloride
AWB00701AV	AWB01101AV	3/29/2004	ICPP-1829	Allyl Chloride	5	U	UJ	UG/L	GRAB	Allyl Chloride
AWB01501AZ	AWB01901AV	6/2/2004	ICPP-1829	Allyl Chloride	5	U	UJ	UG/L	GRAB	Allyl Chloride
AWB02901AV	AWB02702AV	9/8/2004	ICPP-1829	Allyl Chloride	5	U	UJ	UG/L	FIELD DUPLICATE	Allyl Chloride
AWB02901AV	AWB02701AV	9/8/2004	ICPP-1829	Allyl Chloride	5	U	UJ	UG/L	GRAB	Allyl Chloride

Table B-1. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
AWB03001AV	AWB03401AV	12/21/2004	ICPP-1829	Allyl Chloride	5	U		UG/L	GRAB	Allyl Chloride
AWB04001AV	AWB04401AV	5/31/2005	ICPP-1829	Allyl Chloride	5	U		UG/L	GRAB	Allyl Chloride
AWB10101AV	AWB10501AV	9/14/2005	ICPP-1829	Allyl Chloride	5	U		UG/L	GRAB	Allyl Chloride
SEMN0201AV	SEMN0101AV	6/24/2003	ICPP-1831	Allyl Chloride	5	U		UG/L	GRAB	3-Chloropropene
SEM10001AV	SEM10001AV(1)	9/23/2003	ICPP-1831	Allyl Chloride	5	U		UG/L	GRAB	3-Chloropropene
SEMN7901AV	SEMN7701AV	12/16/2003	ICPP-1831	Allyl Chloride	5	U		UG/L	GRAB	Allyl Chloride
AWB00701AV	AWB00702AV	3/29/2004	ICPP-1831	Allyl Chloride	5	U		UG/L	FIELD DUPLICATE	Allyl Chloride
AWB00701AV	AWB00701AV	3/29/2004	ICPP-1831	Allyl Chloride	5	U		UG/L	GRAB	Allyl Chloride
AWB01501AZ	AWB01501AZ	6/1/2004	ICPP-1831	Allyl Chloride	5	U		UG/L	GRAB	Allyl Chloride
AWB02901AV	AWB02301AV	9/7/2004	ICPP-1831	Allyl Chloride	5	U	UJ	UG/L	GRAB	Allyl Chloride
AWB03001AV	AWB03001AV	12/21/2004	ICPP-1831	Allyl Chloride	5	U		UG/L	GRAB	Allyl Chloride
AWB04001AV	AWB04001AV	6/1/2005	ICPP-1831	Allyl Chloride	5	U		UG/L	GRAB	Allyl Chloride
AWB10101AV	AWB10101AV(1)	9/13/2005	ICPP-1831	Allyl Chloride	5	U		UG/L	GRAB	Allyl Chloride
SEMN0201AV	SEMN0001AV	6/25/2003	USGS-123	Allyl chloride	5	U		UG/L	GRAB	3-Chloropropene
SEM10001AV	SEM10901AV(1)	9/22/2003	USGS-123	Allyl chloride	5	U		UG/L	GRAB	3-Chloropropene
SEMN7901AV	SEMN7601AV	12/17/2003	USGS-123	Allyl Chloride	5	U		UG/L	GRAB	Allyl Chloride
AWB00701AV	AWB01201AV	3/29/2004	USGS-123	Allyl Chloride	5	U	UJ	UG/L	GRAB	Allyl Chloride
AWB09901AV	AWB02002AV	6/16/2004	USGS-123	Allyl Chloride	5	U		UG/L	FIELD DUPLICATE	Allyl Chloride
AWB09901AV	AWB02001AZ	6/16/2004	USGS-123	Allyl Chloride	5	U		UG/L	GRAB	Allyl Chloride
AWB09901AV	AWB02001AV	6/16/2004	USGS-123	Allyl Chloride	5	U		UG/L	GRAB	Allyl Chloride
AWB03001AV	AWB03502AV	12/20/2004	USGS-123	Allyl Chloride	5	U		UG/L	FIELD DUPLICATE	Allyl Chloride
AWB03001AV	AWB03501AV	12/20/2004	USGS-123	Allyl Chloride	5	U		UG/L	GRAB	Allyl Chloride
AWB03901AV	AWB03802AV	3/7/2005	USGS-123	Allyl Chloride	5	U		UG/L	FIELD DUPLICATE	Allyl Chloride
AWB03901AV	AWB03801A2	3/7/2005	USGS-123	Allyl Chloride	5	U		UG/L	GRAB	Allyl Chloride
AWB03901AV	AWB03801AV	3/7/2005	USGS-123	Allyl Chloride	5	U		UG/L	GRAB	Allyl Chloride
AWB04001AV	AWB04502AV	5/31/2005	USGS-123	Allyl Chloride	5	U		UG/L	FIELD DUPLICATE	Allyl Chloride
AWB04001AV	AWB04501AV	5/31/2005	USGS-123	Allyl Chloride	5	U		UG/L	GRAB	Allyl Chloride
AWB10101AV	AWB10602AV	9/14/2005	USGS-123	Allyl Chloride	5	U		UG/L	FIELD DUPLICATE	Allyl Chloride
AWB10101AV	AWB10601AV	9/14/2005	USGS-123	Allyl Chloride	5	U		UG/L	GRAB	Allyl Chloride
SEMN0201AV	SEMN0202AV	6/24/2003	ICPP-1782	Benzene	1	U		UG/L	FIELD DUPLICATE	Benzene
SEMN0201AV	SEMN0201AV	6/24/2003	ICPP-1782	Benzene	1	U		UG/L	GRAB	Benzene
SEM10001AV	SEM10102AV	9/23/2003	ICPP-1782	Benzene	1	U		UG/L	FIELD DUPLICATE	Benzene
SEM10001AV	SEM10101AV	9/23/2003	ICPP-1782	Benzene	1	U		UG/L	GRAB	Benzene
SEMN7901AV	SEMN7801AV	12/16/2003	ICPP-1782	Benzene	1	U		UG/L	GRAB	Benzene
AWB00701AV	AWB00801AZ	3/29/2004	ICPP-1782	Benzene	1	U		UG/L	GRAB	Benzene
AWB01501AZ	AWB01602AV	6/1/2004	ICPP-1782	Benzene	1	U		UG/L	FIELD DUPLICATE	Benzene
AWB01501AZ	AWB01601AV	6/1/2004	ICPP-1782	Benzene	1	U		UG/L	GRAB	Benzene
AWB02901AV	AWB02401AV	9/7/2004	ICPP-1782	Benzene	1	U		UG/L	GRAB	Benzene
AWB03001AV	AWB03101AV	12/21/2004	ICPP-1782	Benzene	1	U		UG/L	GRAB	Benzene
AWB04001AV	AWB04101AV	6/1/2005	ICPP-1782	Benzene	1	U		UG/L	GRAB	Benzene
AWB10101AV	AWB10201AV	9/13/2005	ICPP-1782	Benzene	1	U		UG/L	GRAB	Benzene
SEMN0201AV	SEMN0301AV	6/24/2003	ICPP-1783	Benzene	1	U		UG/L	GRAB	Benzene
SEM10001AV	SEM10801AV	9/24/2003	ICPP-1783	Benzene	1	U		UG/L	GRAB	Benzene
SEMN7901AV	SEMN7901AV	12/16/2003	ICPP-1783	Benzene	1	U		UG/L	GRAB	Benzene
AWB00701AV	AWB00901AV	3/29/2004	ICPP-1783	Benzene	1	U		UG/L	GRAB	Benzene
AWB01501AZ	AWB01701AV	6/2/2004	ICPP-1783	Benzene	1	U		UG/L	GRAB	Benzene
AWB02901AV	AWB02501AV	9/7/2004	ICPP-1783	Benzene	1	U		UG/L	GRAB	Benzene
AWB03001AV	AWB03201AV	12/21/2004	ICPP-1783	Benzene	1	U		UG/L	GRAB	Benzene
AWB04001AV	AWB04201AV	6/1/2005	ICPP-1783	Benzene	1	U		UG/L	GRAB	Benzene
AWB10101AV	AWB10301AV	9/13/2005	ICPP-1783	Benzene	1	U		UG/L	GRAB	Benzene
SEMN0201AV	SEMN0401AV	6/24/2003	ICPP-1800	Benzene	1	U		UG/L	GRAB	Benzene
SEM10001AV	SEM10201AV	9/24/2003	ICPP-1800	Benzene	1	U		UG/L	GRAB	Benzene
SEMN7901AV	SEMN8001AZ	12/17/2003	ICPP-1800	Benzene	1	U		UG/L	GRAB	Benzene
AWB00701AV	AWB01001AV	3/29/2004	ICPP-1800	Benzene	1	U		UG/L	GRAB	Benzene
AWB01501AZ	AWB01801AV	6/1/2004	ICPP-1800	Benzene	1	U		UG/L	GRAB	Benzene
AWB02901AV	AWB02601AZ	9/8/2004	ICPP-1800	Benzene	1	U		UG/L	GRAB	Benzene

Table B-1. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
AWB03001AV	AWB03301AZ	12/21/2004	ICPP-1800	Benzene	1	U		UG/L	GRAB	Benzene
AWB04001AV	AWB04301AV	5/31/2005	ICPP-1800	Benzene	1	U		UG/L	GRAB	Benzene
AWB10101AV	AWB10401AV	9/13/2005	ICPP-1800	Benzene	1	U		UG/L	GRAB	Benzene
SEMN0201AV	SEMN0501AZ	6/25/2003	ICPP-1829	Benzene	1	U		UG/L	GRAB	Benzene
SEM10001AV	SEM10301AZ	9/24/2003	ICPP-1829	Benzene	1	U		UG/L	GRAB	Benzene
SEMN7901AV	SEMN8102AV	12/17/2003	ICPP-1829	Benzene	1	U		UG/L	FIELD DUPLICATE	Benzene
SEMN7901AV	SEMN8101AV	12/17/2003	ICPP-1829	Benzene	1	U		UG/L	GRAB	Benzene
AWB00701AV	AWB01101AV	3/29/2004	ICPP-1829	Benzene	1	J	UJ	UG/L	GRAB	Benzene
AWB01501AZ	AWB01901AV	6/2/2004	ICPP-1829	Benzene	1	U		UG/L	GRAB	Benzene
AWB02901AV	AWB02702AV	9/8/2004	ICPP-1829	Benzene	1	U		UG/L	FIELD DUPLICATE	Benzene
AWB02901AV	AWB02701AV	9/8/2004	ICPP-1829	Benzene	1	U		UG/L	GRAB	Benzene
AWB03001AV	AWB03401AV	12/21/2004	ICPP-1829	Benzene	1	U		UG/L	GRAB	Benzene
AWB04001AV	AWB04401AV	5/31/2005	ICPP-1829	Benzene	1	U		UG/L	GRAB	Benzene
AWB10101AV	AWB10501AV	9/14/2005	ICPP-1829	Benzene	1	U		UG/L	GRAB	Benzene
SEMN0201AV	SEMN0101AV	6/24/2003	ICPP-1831	Benzene	1	U		UG/L	GRAB	Benzene
SEM10001AV	SEM10001AV	9/23/2003	ICPP-1831	Benzene	1	U		UG/L	GRAB	Benzene
SEMN7901AV	SEMN7701AV	12/16/2003	ICPP-1831	Benzene	1	U		UG/L	GRAB	Benzene
AWB00701AV	AWB00702AV	3/29/2004	ICPP-1831	Benzene	1	U		UG/L	FIELD DUPLICATE	Benzene
AWB00701AV	AWB00701AV	3/29/2004	ICPP-1831	Benzene	1	U		UG/L	GRAB	Benzene
AWB01501AZ	AWB01501AZ	6/1/2004	ICPP-1831	Benzene	1	U		UG/L	GRAB	Benzene
AWB02901AV	AWB02301AV	9/7/2004	ICPP-1831	Benzene	1	U		UG/L	GRAB	Benzene
AWB03001AV	AWB03001AV	12/21/2004	ICPP-1831	Benzene	1	U		UG/L	GRAB	Benzene
AWB04001AV	AWB04001AV	6/1/2005	ICPP-1831	Benzene	1	U		UG/L	GRAB	Benzene
AWB10101AV	AWB10101AV(1)	9/13/2005	ICPP-1831	Benzene	1	U		UG/L	GRAB	Benzene
SEMN0201AV	SEMN0001AV	6/25/2003	USGS-123	Benzene	1	U		UG/L	GRAB	Benzene
SEM10001AV	SEM10901AV	9/22/2003	USGS-123	Benzene	1	U		UG/L	GRAB	Benzene
SEMN7901AV	SEMN7601AV	12/17/2003	USGS-123	Benzene	1	U		UG/L	GRAB	Benzene
AWB00701AV	AWB01201AV	3/29/2004	USGS-123	Benzene	1		UJ	UG/L	GRAB	Benzene
AWB09901AV	AWB02002AV	6/16/2004	USGS-123	Benzene	1	U		UG/L	FIELD DUPLICATE	Benzene
AWB09901AV	AWB02001AZ	6/16/2004	USGS-123	Benzene	1	U		UG/L	GRAB	Benzene
AWB09901AV	AWB02001AV	6/16/2004	USGS-123	Benzene	1	U		UG/L	GRAB	Benzene
AWB03001AV	AWB03502AV	12/20/2004	USGS-123	Benzene	1	U		UG/L	FIELD DUPLICATE	Benzene
AWB03001AV	AWB03501AV	12/20/2004	USGS-123	Benzene	1	U		UG/L	GRAB	Benzene
AWB03901AV	AWB03802AV	3/7/2005	USGS-123	Benzene	1	U		UG/L	FIELD DUPLICATE	Benzene
AWB03901AV	AWB03801A2	3/7/2005	USGS-123	Benzene	1	U		UG/L	GRAB	Benzene
AWB03901AV	AWB03801AV	3/7/2005	USGS-123	Benzene	1	U		UG/L	GRAB	Benzene
AWB04001AV	AWB04502AV	5/31/2005	USGS-123	Benzene	1	U		UG/L	FIELD DUPLICATE	Benzene
AWB04001AV	AWB04501AV	5/31/2005	USGS-123	Benzene	1	U		UG/L	GRAB	Benzene
AWB10101AV	AWB10602AV	9/14/2005	USGS-123	Benzene	1	U		UG/L	FIELD DUPLICATE	Benzene
AWB10101AV	AWB10601AV	9/14/2005	USGS-123	Benzene	1	U		UG/L	GRAB	Benzene
SEMN0201AV	SEMN0202AV	6/24/2003	ICPP-1782	Bromodichloromethane	1	U		UG/L	FIELD DUPLICATE	Bromodichloromethane
SEMN0201AV	SEMN0201AV	6/24/2003	ICPP-1782	Bromodichloromethane	1	U		UG/L	GRAB	Bromodichloromethane
SEM10001AV	SEM10102AV	9/23/2003	ICPP-1782	Bromodichloromethane	1	U		UG/L	FIELD DUPLICATE	Bromodichloromethane
SEM10001AV	SEM10101AV	9/23/2003	ICPP-1782	Bromodichloromethane	1	U		UG/L	GRAB	Bromodichloromethane
SEMN7901AV	SEMN7801AV	12/16/2003	ICPP-1782	Bromodichloromethane	1	U		UG/L	GRAB	Bromodichloromethane
AWB00701AV	AWB00801AZ	3/29/2004	ICPP-1782	Bromodichloromethane	1	U		UG/L	GRAB	Bromodichloromethane
AWB01501AZ	AWB01602AV	6/1/2004	ICPP-1782	Bromodichloromethane	1	U		UG/L	FIELD DUPLICATE	Bromodichloromethane
AWB01501AZ	AWB01601AV	6/1/2004	ICPP-1782	Bromodichloromethane	1	U		UG/L	GRAB	Bromodichloromethane
AWB02901AV	AWB02401AV	9/7/2004	ICPP-1782	Bromodichloromethane	1	U		UG/L	GRAB	Bromodichloromethane
AWB03001AV	AWB03101AV	12/21/2004	ICPP-1782	Bromodichloromethane	1	U		UG/L	GRAB	Bromodichloromethane
AWB04001AV	AWB04101AV	6/1/2005	ICPP-1782	Bromodichloromethane	1	U		UG/L	GRAB	Bromodichloromethane
AWB10101AV	AWB10201AV	9/13/2005	ICPP-1782	Bromodichloromethane	1	U		UG/L	GRAB	Bromodichloromethane
SEMN0201AV	SEMN0301AV	6/24/2003	ICPP-1783	Bromodichloromethane	1	U		UG/L	GRAB	Bromodichloromethane
SEM10001AV	SEM10801AV	9/24/2003	ICPP-1783	Bromodichloromethane	1	U		UG/L	GRAB	Bromodichloromethane
SEMN7901AV	SEMN7901AV	12/16/2003	ICPP-1783	Bromodichloromethane	1	U		UG/L	GRAB	Bromodichloromethane
AWB00701AV	AWB00901AV	3/29/2004	ICPP-1783	Bromodichloromethane	1	U		UG/L	GRAB	Bromodichloromethane

Table B-1. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
AWB01501AZ	AWB01701AV	6/2/2004	ICPP-1783	Bromodichloromethane	1	U		UG/L	GRAB	Bromodichloromethane
AWB02901AV	AWB02501AV	9/7/2004	ICPP-1783	Bromodichloromethane	1	U		UG/L	GRAB	Bromodichloromethane
AWB03001AV	AWB03201AV	12/21/2004	ICPP-1783	Bromodichloromethane	1	U		UG/L	GRAB	Bromodichloromethane
AWB04001AV	AWB04201AV	6/1/2005	ICPP-1783	Bromodichloromethane	1	U		UG/L	GRAB	Bromodichloromethane
AWB10101AV	AWB10301AV	9/13/2005	ICPP-1783	Bromodichloromethane	1	U		UG/L	GRAB	Bromodichloromethane
SEMN0201AV	SEMN0401AV	6/24/2003	ICPP-1800	Bromodichloromethane	1	U		UG/L	GRAB	Bromodichloromethane
SEM10001AV	SEM10201AV	9/24/2003	ICPP-1800	Bromodichloromethane	1	U		UG/L	GRAB	Bromodichloromethane
SEMN7901AV	SEMN8001AZ	12/17/2003	ICPP-1800	Bromodichloromethane	1	U		UG/L	GRAB	Bromodichloromethane
AWB00701AV	AWB01001AV	3/29/2004	ICPP-1800	Bromodichloromethane	1	U		UG/L	GRAB	Bromodichloromethane
AWB01501AZ	AWB01801AV	6/1/2004	ICPP-1800	Bromodichloromethane	1	U		UG/L	GRAB	Bromodichloromethane
AWB02901AV	AWB02601AZ	9/8/2004	ICPP-1800	Bromodichloromethane	1	U		UG/L	GRAB	Bromodichloromethane
AWB03001AV	AWB03301AZ	12/21/2004	ICPP-1800	Bromodichloromethane	1	U		UG/L	GRAB	Bromodichloromethane
AWB04001AV	AWB04301AV	5/31/2005	ICPP-1800	Bromodichloromethane	1	U		UG/L	GRAB	Bromodichloromethane
AWB10101AV	AWB10401AV	9/13/2005	ICPP-1800	Bromodichloromethane	1	U		UG/L	GRAB	Bromodichloromethane
SEMN0201AV	SEMN0501AZ	6/25/2003	ICPP-1829	Bromodichloromethane	1	U		UG/L	GRAB	Bromodichloromethane
SEM10001AV	SEM10301AZ	9/24/2003	ICPP-1829	Bromodichloromethane	1	U		UG/L	GRAB	Bromodichloromethane
SEMN7901AV	SEMN8102AV	12/17/2003	ICPP-1829	Bromodichloromethane	1	U		UG/L	FIELD DUPLICATE	Bromodichloromethane
SEMN7901AV	SEMN8101AV	12/17/2003	ICPP-1829	Bromodichloromethane	1	U		UG/L	GRAB	Bromodichloromethane
AWB00701AV	AWB01101AV	3/29/2004	ICPP-1829	Bromodichloromethane	1	U	UJ	UG/L	GRAB	Bromodichloromethane
AWB01501AZ	AWB01901AV	6/2/2004	ICPP-1829	Bromodichloromethane	1	U		UG/L	GRAB	Bromodichloromethane
AWB02901AV	AWB02702AV	9/8/2004	ICPP-1829	Bromodichloromethane	1	U		UG/L	FIELD DUPLICATE	Bromodichloromethane
AWB02901AV	AWB02701AV	9/8/2004	ICPP-1829	Bromodichloromethane	1	U		UG/L	GRAB	Bromodichloromethane
AWB03001AV	AWB03401AV	12/21/2004	ICPP-1829	Bromodichloromethane	1	U		UG/L	GRAB	Bromodichloromethane
AWB04001AV	AWB04401AV	5/31/2005	ICPP-1829	Bromodichloromethane	1	U		UG/L	GRAB	Bromodichloromethane
AWB10101AV	AWB10501AV	9/14/2005	ICPP-1829	Bromodichloromethane	1	U	R	UG/L	GRAB	Bromodichloromethane
SEMN0201AV	SEMN0101AV	6/24/2003	ICPP-1831	Bromodichloromethane	1	U		UG/L	GRAB	Bromodichloromethane
SEM10001AV	SEM10001AV	9/23/2003	ICPP-1831	Bromodichloromethane	1	U		UG/L	GRAB	Bromodichloromethane
SEMN7901AV	SEMN7701AV	12/16/2003	ICPP-1831	Bromodichloromethane	1	U		UG/L	GRAB	Bromodichloromethane
AWB00701AV	AWB00702AV	3/29/2004	ICPP-1831	Bromodichloromethane	1	U		UG/L	FIELD DUPLICATE	Bromodichloromethane
AWB00701AV	AWB00701AV	3/29/2004	ICPP-1831	Bromodichloromethane	1	U		UG/L	GRAB	Bromodichloromethane
AWB01501AZ	AWB01501AZ	6/1/2004	ICPP-1831	Bromodichloromethane	1	U		UG/L	GRAB	Bromodichloromethane
AWB02901AV	AWB02301AV	9/7/2004	ICPP-1831	Bromodichloromethane	1	U		UG/L	GRAB	Bromodichloromethane
AWB03001AV	AWB03001AV	12/21/2004	ICPP-1831	Bromodichloromethane	1	U		UG/L	GRAB	Bromodichloromethane
AWB04001AV	AWB04001AV	6/1/2005	ICPP-1831	Bromodichloromethane	1	U		UG/L	GRAB	Bromodichloromethane
AWB10101AV	AWB10101AV(1)	9/13/2005	ICPP-1831	Bromodichloromethane	1	U		UG/L	GRAB	Bromodichloromethane
SEMN0201AV	SEMN0001AV	6/25/2003	USGS-123	Bromodichloromethane	1	U		UG/L	GRAB	Bromodichloromethane
SEM10001AV	SEM10901AV	9/22/2003	USGS-123	Bromodichloromethane	1	U		UG/L	GRAB	Bromodichloromethane
SEMN7901AV	SEMN7601AV	12/17/2003	USGS-123	Bromodichloromethane	1	U		UG/L	GRAB	Bromodichloromethane
AWB00701AV	AWB01201AV	3/29/2004	USGS-123	Bromodichloromethane	1	U	UJ	UG/L	GRAB	Bromodichloromethane
AWB09901AV	AWB02002AV	6/16/2004	USGS-123	Bromodichloromethane	1	U		UG/L	FIELD DUPLICATE	Bromodichloromethane
AWB09901AV	AWB02001AZ	6/16/2004	USGS-123	Bromodichloromethane	1	U		UG/L	GRAB	Bromodichloromethane
AWB09901AV	AWB02001AV	6/16/2004	USGS-123	Bromodichloromethane	1	U		UG/L	GRAB	Bromodichloromethane
AWB03001AV	AWB03502AV	12/20/2004	USGS-123	Bromodichloromethane	1	U		UG/L	FIELD DUPLICATE	Bromodichloromethane
AWB03001AV	AWB03501AV	12/20/2004	USGS-123	Bromodichloromethane	1	U		UG/L	GRAB	Bromodichloromethane
AWB03901AV	AWB03802AV	3/7/2005	USGS-123	Bromodichloromethane	1	U		UG/L	FIELD DUPLICATE	Bromodichloromethane
AWB03901AV	AWB03801A2	3/7/2005	USGS-123	Bromodichloromethane	1	U		UG/L	GRAB	Bromodichloromethane
AWB03901AV	AWB03801AV	3/7/2005	USGS-123	Bromodichloromethane	1	U		UG/L	GRAB	Bromodichloromethane
AWB04001AV	AWB04502AV	5/31/2005	USGS-123	Bromodichloromethane	1	U		UG/L	FIELD DUPLICATE	Bromodichloromethane
AWB04001AV	AWB04501AV	5/31/2005	USGS-123	Bromodichloromethane	1	U		UG/L	GRAB	Bromodichloromethane
AWB10101AV	AWB10602AV	9/14/2005	USGS-123	Bromodichloromethane	1	U		UG/L	FIELD DUPLICATE	Bromodichloromethane
AWB10101AV	AWB10601AV	9/14/2005	USGS-123	Bromodichloromethane	1	U		UG/L	GRAB	Bromodichloromethane
SEMN0201AV	SEMN0202AV	6/24/2003	ICPP-1782	Bromoform	2	U		UG/L	FIELD DUPLICATE	Bromoform
SEMN0201AV	SEMN0201AV	6/24/2003	ICPP-1782	Bromoform	2	U		UG/L	GRAB	Bromoform
SEM10001AV	SEM10102AV	9/23/2003	ICPP-1782	Bromoform	2	U		UG/L	FIELD DUPLICATE	Bromoform
SEM10001AV	SEM10101AV	9/23/2003	ICPP-1782	Bromoform	2	U		UG/L	GRAB	Bromoform
SEMN7901AV	SEMN7801AV	12/16/2003	ICPP-1782	Bromoform	1	U		UG/L	GRAB	Bromoform

Table B-1. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
AWB00701AV	AWB00801AZ	3/29/2004	ICPP-1782	Bromoform	2	U		UG/L	GRAB	Bromoform
AWB01501AZ	AWB01602AV	6/1/2004	ICPP-1782	Bromoform	2	U		UG/L	FIELD DUPLICATE	Bromoform
AWB01501AZ	AWB01601AV	6/1/2004	ICPP-1782	Bromoform	2	U		UG/L	GRAB	Bromoform
AWB02901AV	AWB02401AV	9/7/2004	ICPP-1782	Bromoform	2	U		UG/L	GRAB	Bromoform
AWB03001AV	AWB03101AV	12/21/2004	ICPP-1782	Bromoform	2	U		UG/L	GRAB	Bromoform
AWB04001AV	AWB04101AV	6/1/2005	ICPP-1782	Bromoform	2	U		UG/L	GRAB	Bromoform
AWB10101AV	AWB10201AV	9/13/2005	ICPP-1782	Bromoform	2	U		UG/L	GRAB	Bromoform
SEMN0201AV	SEMN0301AV	6/24/2003	ICPP-1783	Bromoform	2	U		UG/L	GRAB	Bromoform
SEM10001AV	SEM10801AV	9/24/2003	ICPP-1783	Bromoform	2	U		UG/L	GRAB	Bromoform
SEMN7901AV	SEMN7901AV	12/16/2003	ICPP-1783	Bromoform	1	U		UG/L	GRAB	Bromoform
AWB00701AV	AWB00901AV	3/29/2004	ICPP-1783	Bromoform	2	U		UG/L	GRAB	Bromoform
AWB01501AZ	AWB01701AV	6/2/2004	ICPP-1783	Bromoform	2	U		UG/L	GRAB	Bromoform
AWB02901AV	AWB02501AV	9/7/2004	ICPP-1783	Bromoform	2	U		UG/L	GRAB	Bromoform
AWB03001AV	AWB03201AV	12/21/2004	ICPP-1783	Bromoform	2	U		UG/L	GRAB	Bromoform
AWB04001AV	AWB04201AV	6/1/2005	ICPP-1783	Bromoform	2	U		UG/L	GRAB	Bromoform
AWB10101AV	AWB10301AV	9/13/2005	ICPP-1783	Bromoform	2	U		UG/L	GRAB	Bromoform
SEMN0201AV	SEMN0401AV	6/24/2003	ICPP-1800	Bromoform	2	U		UG/L	GRAB	Bromoform
SEM10001AV	SEM10201AV	9/24/2003	ICPP-1800	Bromoform	2	U		UG/L	GRAB	Bromoform
SEMN7901AV	SEMN8001AZ	12/17/2003	ICPP-1800	Bromoform	1	U		UG/L	GRAB	Bromoform
AWB00701AV	AWB01001AV	3/29/2004	ICPP-1800	Bromoform	2	U		UG/L	GRAB	Bromoform
AWB01501AZ	AWB01801AV	6/1/2004	ICPP-1800	Bromoform	2	U		UG/L	GRAB	Bromoform
AWB02901AV	AWB02601AZ	9/8/2004	ICPP-1800	Bromoform	2	U		UG/L	GRAB	Bromoform
AWB03001AV	AWB03301AZ	12/21/2004	ICPP-1800	Bromoform	2	U		UG/L	GRAB	Bromoform
AWB04001AV	AWB04301AV	5/31/2005	ICPP-1800	Bromoform	2	U		UG/L	GRAB	Bromoform
AWB10101AV	AWB10401AV	9/13/2005	ICPP-1800	Bromoform	2	U		UG/L	GRAB	Bromoform
SEMN0201AV	SEMN0501AZ	6/25/2003	ICPP-1829	Bromoform	2	U		UG/L	GRAB	Bromoform
SEM10001AV	SEM10301AZ	9/24/2003	ICPP-1829	Bromoform	2	U		UG/L	GRAB	Bromoform
SEMN7901AV	SEMN8102AV	12/17/2003	ICPP-1829	Bromoform	1	U		UG/L	FIELD DUPLICATE	Bromoform
SEMN7901AV	SEMN8101AV	12/17/2003	ICPP-1829	Bromoform	1	U		UG/L	GRAB	Bromoform
AWB00701AV	AWB01101AV	3/29/2004	ICPP-1829	Bromoform	2	U	UJ	UG/L	GRAB	Bromoform
AWB01501AZ	AWB01901AV	6/2/2004	ICPP-1829	Bromoform	2	U		UG/L	GRAB	Bromoform
AWB02901AV	AWB02702AV	9/8/2004	ICPP-1829	Bromoform	2	U		UG/L	FIELD DUPLICATE	Bromoform
AWB02901AV	AWB02701AV	9/8/2004	ICPP-1829	Bromoform	2	U		UG/L	GRAB	Bromoform
AWB03001AV	AWB03401AV	12/21/2004	ICPP-1829	Bromoform	2	U		UG/L	GRAB	Bromoform
AWB04001AV	AWB04401AV	5/31/2005	ICPP-1829	Bromoform	2	U		UG/L	GRAB	Bromoform
AWB10101AV	AWB10501AV	9/14/2005	ICPP-1829	Bromoform	2	U		UG/L	GRAB	Bromoform
SEMN0201AV	SEMN0101AV	6/24/2003	ICPP-1831	Bromoform	2	U		UG/L	GRAB	Bromoform
SEM10001AV	SEM10001AV	9/23/2003	ICPP-1831	Bromoform	2	U		UG/L	GRAB	Bromoform
SEMN7901AV	SEMN7701AV	12/16/2003	ICPP-1831	Bromoform	1	U		UG/L	GRAB	Bromoform
AWB00701AV	AWB00702AV	3/29/2004	ICPP-1831	Bromoform	2	U		UG/L	FIELD DUPLICATE	Bromoform
AWB00701AV	AWB00701AV	3/29/2004	ICPP-1831	Bromoform	2	U		UG/L	GRAB	Bromoform
AWB01501AZ	AWB01501AZ	6/1/2004	ICPP-1831	Bromoform	2	U		UG/L	GRAB	Bromoform
AWB02901AV	AWB02301AV	9/7/2004	ICPP-1831	Bromoform	2	U		UG/L	GRAB	Bromoform
AWB03001AV	AWB03001AV	12/21/2004	ICPP-1831	Bromoform	2	U		UG/L	GRAB	Bromoform
AWB04001AV	AWB04001AV	6/1/2005	ICPP-1831	Bromoform	2	U		UG/L	GRAB	Bromoform
AWB10101AV	AWB10101AV(1)	9/13/2005	ICPP-1831	Bromoform	2	U		UG/L	GRAB	Bromoform
SEMN0201AV	SEMN0001AV	6/25/2003	USGS-123	Bromoform	2	U		UG/L	GRAB	Bromoform
SEM10001AV	SEM10901AV	9/22/2003	USGS-123	Bromoform	2	U		UG/L	GRAB	Bromoform
SEMN7901AV	SEMN7601AV	12/17/2003	USGS-123	Bromoform	1	U		UG/L	GRAB	Bromoform
AWB00701AV	AWB01201AV	3/29/2004	USGS-123	Bromoform	2	U	UJ	UG/L	GRAB	Bromoform
AWB09901AV	AWB02002AV	6/16/2004	USGS-123	Bromoform	2	U		UG/L	FIELD DUPLICATE	Bromoform
AWB09901AV	AWB02001AZ	6/16/2004	USGS-123	Bromoform	2	U		UG/L	GRAB	Bromoform
AWB09901AV	AWB02001AV	6/16/2004	USGS-123	Bromoform	2	U		UG/L	GRAB	Bromoform
AWB03001AV	AWB03502AV	12/20/2004	USGS-123	Bromoform	2	U		UG/L	FIELD DUPLICATE	Bromoform
AWB03001AV	AWB03501AV	12/20/2004	USGS-123	Bromoform	2	U		UG/L	GRAB	Bromoform
AWB03901AV	AWB03802AV	3/7/2005	USGS-123	Bromoform	2	U		UG/L	FIELD DUPLICATE	Bromoform
AWB03901AV	AWB03801A2	3/7/2005	USGS-123	Bromoform	2	U		UG/L	GRAB	Bromoform

Table B-1. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
AWB03901AV	AWB03801AV	3/7/2005	USGS-123	Bromoform	2	U		UG/L	GRAB	Bromoform
AWB04001AV	AWB04502AV	5/31/2005	USGS-123	Bromoform	2	U		UG/L	FIELD DUPLICATE	Bromoform
AWB04001AV	AWB04501AV	5/31/2005	USGS-123	Bromoform	2	U		UG/L	GRAB	Bromoform
AWB10101AV	AWB10602AV	9/14/2005	USGS-123	Bromoform	2	U		UG/L	FIELD DUPLICATE	Bromoform
AWB10101AV	AWB10601AV	9/14/2005	USGS-123	Bromoform	2	U		UG/L	GRAB	Bromoform
SEMN0201AV	SEMN0202AV	6/24/2003	ICPP-1782	Bromomethane	1	U		UG/L	FIELD DUPLICATE	Bromomethane
SEMN0201AV	SEMN0201AV	6/24/2003	ICPP-1782	Bromomethane	1	U		UG/L	GRAB	Bromomethane
SEM10001AV	SEM10102AV	9/23/2003	ICPP-1782	Bromomethane	1	U		UG/L	FIELD DUPLICATE	Bromomethane
SEM10001AV	SEM10101AV	9/23/2003	ICPP-1782	Bromomethane	1	U		UG/L	GRAB	Bromomethane
SEMN7901AV	SEMN7801AV	12/16/2003	ICPP-1782	Bromomethane	1	U	UJ	UG/L	GRAB	Bromomethane
AWB00701AV	AWB00801AZ	3/29/2004	ICPP-1782	Bromomethane	1	U	UJ	UG/L	GRAB	Bromomethane
AWB01501AZ	AWB01602AV	6/1/2004	ICPP-1782	Bromomethane	1	U	UJ	UG/L	FIELD DUPLICATE	Bromomethane
AWB01501AZ	AWB01601AV	6/1/2004	ICPP-1782	Bromomethane	1	U	UJ	UG/L	GRAB	Bromomethane
AWB02901AV	AWB02401AV	9/7/2004	ICPP-1782	Bromomethane	1	U		UG/L	GRAB	Bromomethane
AWB03001AV	AWB03101AV	12/21/2004	ICPP-1782	Bromomethane	1.5	B	U	UG/L	GRAB	Bromomethane
AWB04001AV	AWB04101AV	6/1/2005	ICPP-1782	Bromomethane	1	U		UG/L	GRAB	Bromomethane
AWB10101AV	AWB10201AV	9/13/2005	ICPP-1782	Bromomethane	1	U		UG/L	GRAB	Bromomethane
SEMN0201AV	SEMN0301AV	6/24/2003	ICPP-1783	Bromomethane	1	U		UG/L	GRAB	Bromomethane
SEM10001AV	SEM10801AV	9/24/2003	ICPP-1783	Bromomethane	1	U		UG/L	GRAB	Bromomethane
SEMN7901AV	SEMN7901AV	12/16/2003	ICPP-1783	Bromomethane	1	U	UJ	UG/L	GRAB	Bromomethane
AWB00701AV	AWB00901AV	3/29/2004	ICPP-1783	Bromomethane	1.2	B	UJ	UG/L	GRAB	Bromomethane
AWB01501AZ	AWB01701AV	6/2/2004	ICPP-1783	Bromomethane	1		UJ	UG/L	GRAB	Bromomethane
AWB02901AV	AWB02501AV	9/7/2004	ICPP-1783	Bromomethane	1	U		UG/L	GRAB	Bromomethane
AWB03001AV	AWB03201AV	12/21/2004	ICPP-1783	Bromomethane	1.1	B	U	UG/L	GRAB	Bromomethane
AWB04001AV	AWB04201AV	6/1/2005	ICPP-1783	Bromomethane	1	U		UG/L	GRAB	Bromomethane
AWB10101AV	AWB10301AV	9/13/2005	ICPP-1783	Bromomethane	1	U		UG/L	GRAB	Bromomethane
SEMN0201AV	SEMN0401AV	6/24/2003	ICPP-1800	Bromomethane	1	U		UG/L	GRAB	Bromomethane
SEM10001AV	SEM10201AV	9/24/2003	ICPP-1800	Bromomethane	1	U		UG/L	GRAB	Bromomethane
SEMN7901AV	SEMN8001AZ	12/17/2003	ICPP-1800	Bromomethane	1	U	UJ	UG/L	GRAB	Bromomethane
AWB00701AV	AWB01001AV	3/29/2004	ICPP-1800	Bromomethane	1		UJ	UG/L	GRAB	Bromomethane
AWB01501AZ	AWB01801AV	6/1/2004	ICPP-1800	Bromomethane	1	U	UJ	UG/L	GRAB	Bromomethane
AWB02901AV	AWB02601AZ	9/8/2004	ICPP-1800	Bromomethane	1	U		UG/L	GRAB	Bromomethane
AWB03001AV	AWB03301AZ	12/21/2004	ICPP-1800	Bromomethane	1.4	B	U	UG/L	GRAB	Bromomethane
AWB04001AV	AWB04301AV	5/31/2005	ICPP-1800	Bromomethane	1	U		UG/L	GRAB	Bromomethane
AWB10101AV	AWB10401AV	9/13/2005	ICPP-1800	Bromomethane	1	U		UG/L	GRAB	Bromomethane
SEMN0201AV	SEMN0501AZ	6/25/2003	ICPP-1829	Bromomethane	1	U		UG/L	GRAB	Bromomethane
SEM10001AV	SEM10301AZ	9/24/2003	ICPP-1829	Bromomethane	1	U		UG/L	GRAB	Bromomethane
SEMN7901AV	SEMN8102AV	12/17/2003	ICPP-1829	Bromomethane	1	U	UJ	UG/L	FIELD DUPLICATE	Bromomethane
SEMN7901AV	SEMN8101AV	12/17/2003	ICPP-1829	Bromomethane	1	U	UJ	UG/L	GRAB	Bromomethane
AWB00701AV	AWB01101AV	3/29/2004	ICPP-1829	Bromomethane	2.2	B	R	UG/L	GRAB	Bromomethane
AWB01501AZ	AWB01901AV	6/2/2004	ICPP-1829	Bromomethane	1	U	UJ	UG/L	GRAB	Bromomethane
AWB02901AV	AWB02702AV	9/8/2004	ICPP-1829	Bromomethane	1	U		UG/L	FIELD DUPLICATE	Bromomethane
AWB02901AV	AWB02701AV	9/8/2004	ICPP-1829	Bromomethane	1	U		UG/L	GRAB	Bromomethane
AWB03001AV	AWB03401AV	12/21/2004	ICPP-1829	Bromomethane	2	B	U	UG/L	GRAB	Bromomethane
AWB04001AV	AWB04401AV	5/31/2005	ICPP-1829	Bromomethane	1	U		UG/L	GRAB	Bromomethane
AWB10101AV	AWB10501AV	9/14/2005	ICPP-1829	Bromomethane	1	U		UG/L	GRAB	Bromomethane
SEMN0201AV	SEMN0101AV	6/24/2003	ICPP-1831	Bromomethane	1	U		UG/L	GRAB	Bromomethane
SEM10001AV	SEM10001AV	9/23/2003	ICPP-1831	Bromomethane	1	U		UG/L	GRAB	Bromomethane
SEMN7901AV	SEMN7701AV	12/16/2003	ICPP-1831	Bromomethane	1	U	UJ	UG/L	GRAB	Bromomethane
AWB00701AV	AWB00702AV	3/29/2004	ICPP-1831	Bromomethane	1	U	UJ	UG/L	FIELD DUPLICATE	Bromomethane
AWB00701AV	AWB00701AV	3/29/2004	ICPP-1831	Bromomethane	1	U	UJ	UG/L	GRAB	Bromomethane
AWB01501AZ	AWB01501AZ	6/1/2004	ICPP-1831	Bromomethane	1	U	UJ	UG/L	GRAB	Bromomethane
AWB02901AV	AWB02301AV	9/7/2004	ICPP-1831	Bromomethane	1	U		UG/L	GRAB	Bromomethane
AWB03001AV	AWB03001AV	12/21/2004	ICPP-1831	Bromomethane	1.2	B	U	UG/L	GRAB	Bromomethane
AWB04001AV	AWB04001AV	6/1/2005	ICPP-1831	Bromomethane	1	U		UG/L	GRAB	Bromomethane

Table B-1. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
AWB10101AV	AWB10101AV(1)	9/13/2005	ICPP-1831	Bromomethane	1	U		UG/L	GRAB	Bromomethane
SEMN0201AV	SEMN0001AV	6/25/2003	USGS-123	Bromomethane	1	U		UG/L	GRAB	Bromomethane
SEM10001AV	SEM10901AV	9/22/2003	USGS-123	Bromomethane	1	U		UG/L	GRAB	Bromomethane
SEMN7901AV	SEMN7601AV	12/17/2003	USGS-123	Bromomethane	1	U	UJ	UG/L	GRAB	Bromomethane
AWB00701AV	AWB01201AV	3/29/2004	USGS-123	Bromomethane	1.9	B	R	UG/L	GRAB	Bromomethane
AWB09901AV	AWB02002AV	6/16/2004	USGS-123	Bromomethane	1	U		UG/L	FIELD DUPLICATE	Bromomethane
AWB09901AV	AWB02001AZ	6/16/2004	USGS-123	Bromomethane	1		U	UG/L	GRAB	Bromomethane
AWB09901AV	AWB02001AV	6/16/2004	USGS-123	Bromomethane	1		U	UG/L	GRAB	Bromomethane
AWB03001AV	AWB03502AV	12/20/2004	USGS-123	Bromomethane	1.2	B	U	UG/L	FIELD DUPLICATE	Bromomethane
AWB03001AV	AWB03501AV	12/20/2004	USGS-123	Bromomethane	1.1	B	U	UG/L	GRAB	Bromomethane
AWB03901AV	AWB03802AV	3/7/2005	USGS-123	Bromomethane	1	U		UG/L	FIELD DUPLICATE	Bromomethane
AWB03901AV	AWB03801A2	3/7/2005	USGS-123	Bromomethane	1	U		UG/L	GRAB	Bromomethane
AWB03901AV	AWB03801AV	3/7/2005	USGS-123	Bromomethane	1	U		UG/L	GRAB	Bromomethane
AWB04001AV	AWB04502AV	5/31/2005	USGS-123	Bromomethane	1	U		UG/L	FIELD DUPLICATE	Bromomethane
AWB04001AV	AWB04501AV	5/31/2005	USGS-123	Bromomethane	1	U		UG/L	GRAB	Bromomethane
AWB10101AV	AWB10602AV	9/14/2005	USGS-123	Bromomethane	1	U		UG/L	FIELD DUPLICATE	Bromomethane
AWB10101AV	AWB10601AV	9/14/2005	USGS-123	Bromomethane	1	U		UG/L	GRAB	Bromomethane
SEMN0201AV	SEMN0202AV	6/24/2003	ICPP-1782	Carbon Disulfide	5	U		UG/L	FIELD DUPLICATE	Carbon Disulfide
SEMN0201AV	SEMN0201AV	6/24/2003	ICPP-1782	Carbon Disulfide	5	U		UG/L	GRAB	Carbon Disulfide
SEM10001AV	SEM10102AV	9/23/2003	ICPP-1782	Carbon Disulfide	5	U		UG/L	FIELD DUPLICATE	Carbon Disulfide
SEM10001AV	SEM10101AV	9/23/2003	ICPP-1782	Carbon Disulfide	5	U		UG/L	GRAB	Carbon Disulfide
SEMN7901AV	SEMN7801AV	12/16/2003	ICPP-1782	Carbon Disulfide	5	U		UG/L	GRAB	Carbon Disulfide
AWB00701AV	AWB00801AZ	3/29/2004	ICPP-1782	Carbon Disulfide	5	U		UG/L	GRAB	Carbon Disulfide
AWB01501AZ	AWB01602AV	6/1/2004	ICPP-1782	Carbon Disulfide	5	U		UG/L	FIELD DUPLICATE	Carbon Disulfide
AWB01501AZ	AWB01601AV	6/1/2004	ICPP-1782	Carbon Disulfide	5	U		UG/L	GRAB	Carbon Disulfide
AWB02901AV	AWB02401AV	9/7/2004	ICPP-1782	Carbon Disulfide	5	U		UG/L	GRAB	Carbon Disulfide
AWB03001AV	AWB03101AV	12/21/2004	ICPP-1782	Carbon Disulfide	5	U		UG/L	GRAB	Carbon Disulfide
AWB04001AV	AWB04101AV	6/1/2005	ICPP-1782	Carbon Disulfide	5	U		UG/L	GRAB	Carbon Disulfide
AWB10101AV	AWB10201AV	9/13/2005	ICPP-1782	Carbon Disulfide	5	U		UG/L	GRAB	Carbon Disulfide
SEMN0201AV	SEMN0301AV	6/24/2003	ICPP-1783	Carbon Disulfide	5	U		UG/L	GRAB	Carbon Disulfide
SEM10001AV	SEM10801AV	9/24/2003	ICPP-1783	Carbon Disulfide	5	U		UG/L	GRAB	Carbon Disulfide
SEMN7901AV	SEMN7901AV	12/16/2003	ICPP-1783	Carbon Disulfide	5	U		UG/L	GRAB	Carbon Disulfide
AWB00701AV	AWB00901AV	3/29/2004	ICPP-1783	Carbon Disulfide	5	U		UG/L	GRAB	Carbon Disulfide
AWB01501AZ	AWB01701AV	6/2/2004	ICPP-1783	Carbon Disulfide	5	U		UG/L	GRAB	Carbon Disulfide
AWB02901AV	AWB02501AV	9/7/2004	ICPP-1783	Carbon Disulfide	5	U		UG/L	GRAB	Carbon Disulfide
AWB03001AV	AWB03201AV	12/21/2004	ICPP-1783	Carbon Disulfide	5	U		UG/L	GRAB	Carbon Disulfide
AWB04001AV	AWB04201AV	6/1/2005	ICPP-1783	Carbon Disulfide	5	U		UG/L	GRAB	Carbon Disulfide
AWB10101AV	AWB10301AV	9/13/2005	ICPP-1783	Carbon Disulfide	5	U		UG/L	GRAB	Carbon Disulfide
SEMN0201AV	SEMN0401AV	6/24/2003	ICPP-1800	Carbon Disulfide	5	U		UG/L	GRAB	Carbon Disulfide
SEM10001AV	SEM10201AV	9/24/2003	ICPP-1800	Carbon Disulfide	5	U		UG/L	GRAB	Carbon Disulfide
SEMN7901AV	SEMN8001AZ	12/17/2003	ICPP-1800	Carbon Disulfide	5	U		UG/L	GRAB	Carbon Disulfide
AWB00701AV	AWB01001AV	3/29/2004	ICPP-1800	Carbon Disulfide	5	U		UG/L	GRAB	Carbon Disulfide
AWB01501AZ	AWB01801AV	6/1/2004	ICPP-1800	Carbon Disulfide	5	U		UG/L	GRAB	Carbon Disulfide
AWB02901AV	AWB02601AZ	9/8/2004	ICPP-1800	Carbon Disulfide	5	U		UG/L	GRAB	Carbon Disulfide
AWB03001AV	AWB03301AZ	12/21/2004	ICPP-1800	Carbon Disulfide	5	U		UG/L	GRAB	Carbon Disulfide
AWB04001AV	AWB04301AV	5/31/2005	ICPP-1800	Carbon Disulfide	5	U		UG/L	GRAB	Carbon Disulfide
AWB10101AV	AWB10401AV	9/13/2005	ICPP-1800	Carbon Disulfide	5	U		UG/L	GRAB	Carbon Disulfide
SEMN0201AV	SEMN0501AZ	6/25/2003	ICPP-1829	Carbon Disulfide	5	U		UG/L	GRAB	Carbon Disulfide
SEM10001AV	SEM10301AZ	9/24/2003	ICPP-1829	Carbon Disulfide	5	U		UG/L	GRAB	Carbon Disulfide
SEMN7901AV	SEMN8102AV	12/17/2003	ICPP-1829	Carbon Disulfide	5	U		UG/L	FIELD DUPLICATE	Carbon Disulfide
SEMN7901AV	SEMN8101AV	12/17/2003	ICPP-1829	Carbon Disulfide	5	U		UG/L	GRAB	Carbon Disulfide
AWB00701AV	AWB01101AV	3/29/2004	ICPP-1829	Carbon Disulfide	5	U	UJ	UG/L	GRAB	Carbon Disulfide
AWB01501AZ	AWB01901AV	6/2/2004	ICPP-1829	Carbon Disulfide	5	U		UG/L	GRAB	Carbon Disulfide
AWB02901AV	AWB02702AV	9/8/2004	ICPP-1829	Carbon Disulfide	5	U		UG/L	FIELD DUPLICATE	Carbon Disulfide
AWB02901AV	AWB02701AV	9/8/2004	ICPP-1829	Carbon Disulfide	5	U		UG/L	GRAB	Carbon Disulfide
AWB03001AV	AWB03401AV	12/21/2004	ICPP-1829	Carbon Disulfide	5	U		UG/L	GRAB	Carbon Disulfide

Table B-1. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
AWB04001AV	AWB04401AV	5/31/2005	ICPP-1829	Carbon Disulfide	5	U		UG/L	GRAB	Carbon Disulfide
AWB10101AV	AWB10501AV	9/14/2005	ICPP-1829	Carbon Disulfide	5	U		UG/L	GRAB	Carbon Disulfide
SEMN0201AV	SEMN0101AV	6/24/2003	ICPP-1831	Carbon Disulfide	5	U		UG/L	GRAB	Carbon Disulfide
SEM10001AV	SEM10001AV	9/23/2003	ICPP-1831	Carbon Disulfide	5	U		UG/L	GRAB	Carbon Disulfide
SEMN7901AV	SEMN7701AV	12/16/2003	ICPP-1831	Carbon Disulfide	5	U		UG/L	GRAB	Carbon Disulfide
AWB00701AV	AWB00702AV	3/29/2004	ICPP-1831	Carbon Disulfide	5	U		UG/L	FIELD DUPLICATE	Carbon Disulfide
AWB00701AV	AWB00701AV	3/29/2004	ICPP-1831	Carbon Disulfide	5	U		UG/L	GRAB	Carbon Disulfide
AWB01501AZ	AWB01501AZ	6/1/2004	ICPP-1831	Carbon Disulfide	5	U		UG/L	GRAB	Carbon Disulfide
AWB02901AV	AWB02301AV	9/7/2004	ICPP-1831	Carbon Disulfide	5	U		UG/L	GRAB	Carbon Disulfide
AWB03001AV	AWB03001AV	12/21/2004	ICPP-1831	Carbon Disulfide	5	U		UG/L	GRAB	Carbon Disulfide
AWB04001AV	AWB04001AV	6/1/2005	ICPP-1831	Carbon Disulfide	5	U		UG/L	GRAB	Carbon Disulfide
AWB10101AV	AWB10101AV(1)	9/13/2005	ICPP-1831	Carbon Disulfide	5	U		UG/L	GRAB	Carbon Disulfide
SEMN0201AV	SEMN0001AV	6/25/2003	USGS-123	Carbon Disulfide	5	U		UG/L	GRAB	Carbon Disulfide
SEM10001AV	SEM10901AV	9/22/2003	USGS-123	Carbon Disulfide	5	U		UG/L	GRAB	Carbon Disulfide
SEMN7901AV	SEMN7601AV	12/17/2003	USGS-123	Carbon Disulfide	5	U		UG/L	GRAB	Carbon Disulfide
AWB00701AV	AWB01201AV	3/29/2004	USGS-123	Carbon Disulfide	5	U	UJ	UG/L	GRAB	Carbon Disulfide
AWB09901AV	AWB02002AV	6/16/2004	USGS-123	Carbon Disulfide	5	U		UG/L	FIELD DUPLICATE	Carbon Disulfide
AWB09901AV	AWB02001AZ	6/16/2004	USGS-123	Carbon Disulfide	5	U		UG/L	GRAB	Carbon Disulfide
AWB09901AV	AWB02001AV	6/16/2004	USGS-123	Carbon Disulfide	5	U		UG/L	GRAB	Carbon Disulfide
AWB03001AV	AWB03502AV	12/20/2004	USGS-123	Carbon Disulfide	5	U		UG/L	FIELD DUPLICATE	Carbon Disulfide
AWB03001AV	AWB03501AV	12/20/2004	USGS-123	Carbon Disulfide	5	U		UG/L	GRAB	Carbon Disulfide
AWB03901AV	AWB03802AV	3/7/2005	USGS-123	Carbon Disulfide	5	U		UG/L	FIELD DUPLICATE	Carbon Disulfide
AWB03901AV	AWB03801A2	3/7/2005	USGS-123	Carbon Disulfide	5	U		UG/L	GRAB	Carbon Disulfide
AWB03901AV	AWB03801AV	3/7/2005	USGS-123	Carbon Disulfide	5	U		UG/L	GRAB	Carbon Disulfide
AWB04001AV	AWB04502AV	5/31/2005	USGS-123	Carbon Disulfide	5	U		UG/L	FIELD DUPLICATE	Carbon Disulfide
AWB04001AV	AWB04501AV	5/31/2005	USGS-123	Carbon Disulfide	5	U		UG/L	GRAB	Carbon Disulfide
AWB10101AV	AWB10602AV	9/14/2005	USGS-123	Carbon Disulfide	5	U		UG/L	FIELD DUPLICATE	Carbon Disulfide
AWB10101AV	AWB10601AV	9/14/2005	USGS-123	Carbon Disulfide	5	U		UG/L	GRAB	Carbon Disulfide
SEMN0201AV	SEMN0202AV	6/24/2003	ICPP-1782	Carbon Tetrachloride	1	U		UG/L	FIELD DUPLICATE	Carbon Tetrachloride
SEMN0201AV	SEMN0201AV	6/24/2003	ICPP-1782	Carbon Tetrachloride	1	U		UG/L	GRAB	Carbon Tetrachloride
SEM10001AV	SEM10102AV	9/23/2003	ICPP-1782	Carbon Tetrachloride	1	U		UG/L	FIELD DUPLICATE	Carbon Tetrachloride
SEM10001AV	SEM10101AV	9/23/2003	ICPP-1782	Carbon Tetrachloride	1	U		UG/L	GRAB	Carbon Tetrachloride
SEMN7901AV	SEMN7801AV	12/16/2003	ICPP-1782	Carbon Tetrachloride	1	U		UG/L	GRAB	Carbon Tetrachloride
AWB00701AV	AWB00801AZ	3/29/2004	ICPP-1782	Carbon Tetrachloride	1	U		UG/L	GRAB	Carbon Tetrachloride
AWB01501AZ	AWB01602AV	6/1/2004	ICPP-1782	Carbon Tetrachloride	1	U	UJ	UG/L	FIELD DUPLICATE	Carbon Tetrachloride
AWB01501AZ	AWB01601AV	6/1/2004	ICPP-1782	Carbon Tetrachloride	1	U	UJ	UG/L	GRAB	Carbon Tetrachloride
AWB02901AV	AWB02401AV	9/7/2004	ICPP-1782	Carbon Tetrachloride	1	U		UG/L	GRAB	Carbon Tetrachloride
AWB03001AV	AWB03101AV	12/21/2004	ICPP-1782	Carbon Tetrachloride	1	U		UG/L	GRAB	Carbon Tetrachloride
AWB04001AV	AWB04101AV	6/1/2005	ICPP-1782	Carbon Tetrachloride	1	U		UG/L	GRAB	Carbon Tetrachloride
AWB10101AV	AWB10201AV	9/13/2005	ICPP-1782	Carbon Tetrachloride	1	U		UG/L	GRAB	Carbon Tetrachloride
SEMN0201AV	SEMN0301AV	6/24/2003	ICPP-1783	Carbon Tetrachloride	1	U		UG/L	GRAB	Carbon Tetrachloride
SEM10001AV	SEM10801AV	9/24/2003	ICPP-1783	Carbon Tetrachloride	1	U		UG/L	GRAB	Carbon Tetrachloride
SEMN7901AV	SEMN7901AV	12/16/2003	ICPP-1783	Carbon Tetrachloride	1	U		UG/L	GRAB	Carbon Tetrachloride
AWB00701AV	AWB00901AV	3/29/2004	ICPP-1783	Carbon Tetrachloride	1	U		UG/L	GRAB	Carbon Tetrachloride
AWB01501AZ	AWB01701AV	6/2/2004	ICPP-1783	Carbon Tetrachloride	1	U		UG/L	GRAB	Carbon Tetrachloride
AWB02901AV	AWB02501AV	9/7/2004	ICPP-1783	Carbon Tetrachloride	1	U		UG/L	GRAB	Carbon Tetrachloride
AWB03001AV	AWB03201AV	12/21/2004	ICPP-1783	Carbon Tetrachloride	1	U		UG/L	GRAB	Carbon Tetrachloride
AWB04001AV	AWB04201AV	6/1/2005	ICPP-1783	Carbon Tetrachloride	1	U		UG/L	GRAB	Carbon Tetrachloride
AWB10101AV	AWB10301AV	9/13/2005	ICPP-1783	Carbon Tetrachloride	1	U		UG/L	GRAB	Carbon Tetrachloride
SEMN0201AV	SEMN0401AV	6/24/2003	ICPP-1800	Carbon Tetrachloride	1	U		UG/L	GRAB	Carbon Tetrachloride
SEM10001AV	SEM10201AV	9/24/2003	ICPP-1800	Carbon Tetrachloride	1	U		UG/L	GRAB	Carbon Tetrachloride
SEMN7901AV	SEMN8001AZ	12/17/2003	ICPP-1800	Carbon Tetrachloride	1	U		UG/L	GRAB	Carbon Tetrachloride
AWB00701AV	AWB01001AV	3/29/2004	ICPP-1800	Carbon Tetrachloride	1	U		UG/L	GRAB	Carbon Tetrachloride
AWB01501AZ	AWB01801AV	6/1/2004	ICPP-1800	Carbon Tetrachloride	1	U	UJ	UG/L	GRAB	Carbon Tetrachloride
AWB02901AV	AWB02601AZ	9/8/2004	ICPP-1800	Carbon Tetrachloride	1	U		UG/L	GRAB	Carbon Tetrachloride
AWB03001AV	AWB03301AZ	12/21/2004	ICPP-1800	Carbon Tetrachloride	1	U		UG/L	GRAB	Carbon Tetrachloride

Table B-1. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
AWB04001AV	AWB04301AV	5/31/2005	ICPP-1800	Carbon Tetrachloride	1	U		UG/L	GRAB	Carbon Tetrachloride
AWB10101AV	AWB10401AV	9/13/2005	ICPP-1800	Carbon Tetrachloride	1	U		UG/L	GRAB	Carbon Tetrachloride
SEMN0201AV	SEMN0501AZ	6/25/2003	ICPP-1829	Carbon Tetrachloride	1	U		UG/L	GRAB	Carbon Tetrachloride
SEM10001AV	SEM10301AZ	9/24/2003	ICPP-1829	Carbon Tetrachloride	1	U		UG/L	GRAB	Carbon Tetrachloride
SEMN7901AV	SEMN8102AV	12/17/2003	ICPP-1829	Carbon Tetrachloride	1	U		UG/L	FIELD DUPLICATE	Carbon Tetrachloride
SEMN7901AV	SEMN8101AV	12/17/2003	ICPP-1829	Carbon Tetrachloride	1	U		UG/L	GRAB	Carbon Tetrachloride
AWB00701AV	AWB01101AV	3/29/2004	ICPP-1829	Carbon Tetrachloride	1	U	UJ	UG/L	GRAB	Carbon Tetrachloride
AWB01501AZ	AWB01901AV	6/2/2004	ICPP-1829	Carbon Tetrachloride	1	U		UG/L	GRAB	Carbon Tetrachloride
AWB02901AV	AWB02702AV	9/8/2004	ICPP-1829	Carbon Tetrachloride	1	U		UG/L	FIELD DUPLICATE	Carbon Tetrachloride
AWB02901AV	AWB02701AV	9/8/2004	ICPP-1829	Carbon Tetrachloride	1	U		UG/L	GRAB	Carbon Tetrachloride
AWB03001AV	AWB03401AV	12/21/2004	ICPP-1829	Carbon Tetrachloride	1	U		UG/L	GRAB	Carbon Tetrachloride
AWB04001AV	AWB04401AV	5/31/2005	ICPP-1829	Carbon Tetrachloride	1	U		UG/L	GRAB	Carbon Tetrachloride
AWB10101AV	AWB10501AV	9/14/2005	ICPP-1829	Carbon Tetrachloride	1	U		UG/L	GRAB	Carbon Tetrachloride
SEMN0201AV	SEMN0101AV	6/24/2003	ICPP-1831	Carbon Tetrachloride	1	U		UG/L	GRAB	Carbon Tetrachloride
SEM10001AV	SEM10001AV	9/23/2003	ICPP-1831	Carbon Tetrachloride	1	U		UG/L	GRAB	Carbon Tetrachloride
SEMN7901AV	SEMN7701AV	12/16/2003	ICPP-1831	Carbon Tetrachloride	1	U		UG/L	GRAB	Carbon Tetrachloride
AWB00701AV	AWB00702AV	3/29/2004	ICPP-1831	Carbon Tetrachloride	1	U		UG/L	FIELD DUPLICATE	Carbon Tetrachloride
AWB00701AV	AWB00701AV	3/29/2004	ICPP-1831	Carbon Tetrachloride	1	U		UG/L	GRAB	Carbon Tetrachloride
AWB01501AZ	AWB01501AZ	6/1/2004	ICPP-1831	Carbon Tetrachloride	1	U	UJ	UG/L	GRAB	Carbon Tetrachloride
AWB02901AV	AWB02301AV	9/7/2004	ICPP-1831	Carbon Tetrachloride	1	U		UG/L	GRAB	Carbon Tetrachloride
AWB03001AV	AWB03001AV	12/21/2004	ICPP-1831	Carbon Tetrachloride	1	U		UG/L	GRAB	Carbon Tetrachloride
AWB04001AV	AWB04001AV	6/1/2005	ICPP-1831	Carbon Tetrachloride	1	U		UG/L	GRAB	Carbon Tetrachloride
AWB10101AV	AWB10101AV(1)	9/13/2005	ICPP-1831	Carbon Tetrachloride	1	U		UG/L	GRAB	Carbon Tetrachloride
SEMN0201AV	SEMN0001AV	6/25/2003	USGS-123	Carbon Tetrachloride	1	U		UG/L	GRAB	Carbon Tetrachloride
SEM10001AV	SEM10901AV	9/22/2003	USGS-123	Carbon Tetrachloride	1	U		UG/L	GRAB	Carbon Tetrachloride
SEMN7901AV	SEMN7601AV	12/17/2003	USGS-123	Carbon Tetrachloride	1	U		UG/L	GRAB	Carbon Tetrachloride
AWB00701AV	AWB01201AV	3/29/2004	USGS-123	Carbon Tetrachloride	1	U	UJ	UG/L	GRAB	Carbon Tetrachloride
AWB09901AV	AWB02002AV	6/16/2004	USGS-123	Carbon Tetrachloride	1	U		UG/L	FIELD DUPLICATE	Carbon Tetrachloride
AWB09901AV	AWB02001AZ	6/16/2004	USGS-123	Carbon Tetrachloride	1	U		UG/L	GRAB	Carbon Tetrachloride
AWB09901AV	AWB02001AV	6/16/2004	USGS-123	Carbon Tetrachloride	1	U		UG/L	GRAB	Carbon Tetrachloride
AWB03001AV	AWB03502AV	12/20/2004	USGS-123	Carbon Tetrachloride	1	U		UG/L	FIELD DUPLICATE	Carbon Tetrachloride
AWB03001AV	AWB03501AV	12/20/2004	USGS-123	Carbon Tetrachloride	1	U		UG/L	GRAB	Carbon Tetrachloride
AWB03901AV	AWB03802AV	3/7/2005	USGS-123	Carbon Tetrachloride	1	U		UG/L	FIELD DUPLICATE	Carbon Tetrachloride
AWB03901AV	AWB03801A2	3/7/2005	USGS-123	Carbon Tetrachloride	1	U		UG/L	GRAB	Carbon Tetrachloride
AWB03901AV	AWB03801AV	3/7/2005	USGS-123	Carbon Tetrachloride	1	U		UG/L	GRAB	Carbon Tetrachloride
AWB04001AV	AWB04502AV	5/31/2005	USGS-123	Carbon Tetrachloride	1	U		UG/L	FIELD DUPLICATE	Carbon Tetrachloride
AWB04001AV	AWB04501AV	5/31/2005	USGS-123	Carbon Tetrachloride	1	U		UG/L	GRAB	Carbon Tetrachloride
AWB10101AV	AWB10602AV	9/14/2005	USGS-123	Carbon Tetrachloride	1	U		UG/L	FIELD DUPLICATE	Carbon Tetrachloride
AWB10101AV	AWB10601AV	9/14/2005	USGS-123	Carbon Tetrachloride	1	U		UG/L	GRAB	Carbon Tetrachloride
SEMN0201AV	SEMN0202AV	6/24/2003	ICPP-1782	Chlorobenzene	1	U		UG/L	FIELD DUPLICATE	Chlorobenzene
SEMN0201AV	SEMN0201AV	6/24/2003	ICPP-1782	Chlorobenzene	1	U		UG/L	GRAB	Chlorobenzene
SEM10001AV	SEM10102AV	9/23/2003	ICPP-1782	Chlorobenzene	1	U		UG/L	FIELD DUPLICATE	Chlorobenzene
SEM10001AV	SEM10101AV	9/23/2003	ICPP-1782	Chlorobenzene	1	U		UG/L	GRAB	Chlorobenzene
SEMN7901AV	SEMN7801AV	12/16/2003	ICPP-1782	Chlorobenzene	1	U		UG/L	GRAB	Chlorobenzene
AWB00701AV	AWB00801AZ	3/29/2004	ICPP-1782	Chlorobenzene	1	U		UG/L	GRAB	Chlorobenzene
AWB01501AZ	AWB01602AV	6/1/2004	ICPP-1782	Chlorobenzene	1	U		UG/L	FIELD DUPLICATE	Chlorobenzene
AWB01501AZ	AWB01601AV	6/1/2004	ICPP-1782	Chlorobenzene	1	U		UG/L	GRAB	Chlorobenzene
AWB02901AV	AWB02401AV	9/7/2004	ICPP-1782	Chlorobenzene	1	U		UG/L	GRAB	Chlorobenzene
AWB03001AV	AWB03101AV	12/21/2004	ICPP-1782	Chlorobenzene	1	U		UG/L	GRAB	Chlorobenzene
AWB04001AV	AWB04101AV	6/1/2005	ICPP-1782	Chlorobenzene	1	U		UG/L	GRAB	Chlorobenzene
AWB10101AV	AWB10201AV	9/13/2005	ICPP-1782	Chlorobenzene	1	U		UG/L	GRAB	Chlorobenzene
SEMN0201AV	SEMN0301AV	6/24/2003	ICPP-1783	Chlorobenzene	1	U		UG/L	GRAB	Chlorobenzene
SEM10001AV	SEM10801AV	9/24/2003	ICPP-1783	Chlorobenzene	1	U		UG/L	GRAB	Chlorobenzene
SEMN7901AV	SEMN7901AV	12/16/2003	ICPP-1783	Chlorobenzene	1	U		UG/L	GRAB	Chlorobenzene
AWB00701AV	AWB00901AV	3/29/2004	ICPP-1783	Chlorobenzene	1	U		UG/L	GRAB	Chlorobenzene
AWB01501AZ	AWB01701AV	6/2/2004	ICPP-1783	Chlorobenzene	1	U		UG/L	GRAB	Chlorobenzene

Table B-1. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
AWB02901AV	AWB02501AV	9/7/2004	ICPP-1783	Chlorobenzene	1	U		UG/L	GRAB	Chlorobenzene
AWB03001AV	AWB03201AV	12/21/2004	ICPP-1783	Chlorobenzene	1	U		UG/L	GRAB	Chlorobenzene
AWB04001AV	AWB04201AV	6/1/2005	ICPP-1783	Chlorobenzene	1	U		UG/L	GRAB	Chlorobenzene
AWB10101AV	AWB10301AV	9/13/2005	ICPP-1783	Chlorobenzene	1	U		UG/L	GRAB	Chlorobenzene
SEMN0201AV	SEMN0401AV	6/24/2003	ICPP-1800	Chlorobenzene	1	U		UG/L	GRAB	Chlorobenzene
SEM10001AV	SEM10201AV	9/24/2003	ICPP-1800	Chlorobenzene	1	U		UG/L	GRAB	Chlorobenzene
SEMN7901AV	SEMN8001AZ	12/17/2003	ICPP-1800	Chlorobenzene	1	U		UG/L	GRAB	Chlorobenzene
AWB00701AV	AWB01001AV	3/29/2004	ICPP-1800	Chlorobenzene	1	U		UG/L	GRAB	Chlorobenzene
AWB01501AZ	AWB01801AV	6/1/2004	ICPP-1800	Chlorobenzene	1	U		UG/L	GRAB	Chlorobenzene
AWB02901AV	AWB02601AZ	9/8/2004	ICPP-1800	Chlorobenzene	1	U		UG/L	GRAB	Chlorobenzene
AWB03001AV	AWB03301AZ	12/21/2004	ICPP-1800	Chlorobenzene	1	U		UG/L	GRAB	Chlorobenzene
AWB04001AV	AWB04301AV	5/31/2005	ICPP-1800	Chlorobenzene	1	U		UG/L	GRAB	Chlorobenzene
AWB10101AV	AWB10401AV	9/13/2005	ICPP-1800	Chlorobenzene	1	U		UG/L	GRAB	Chlorobenzene
SEMN0201AV	SEMN0501AZ	6/25/2003	ICPP-1829	Chlorobenzene	1	U		UG/L	GRAB	Chlorobenzene
SEM10001AV	SEM10301AZ	9/24/2003	ICPP-1829	Chlorobenzene	1	U		UG/L	GRAB	Chlorobenzene
SEMN7901AV	SEMN8102AV	12/17/2003	ICPP-1829	Chlorobenzene	1	U		UG/L	FIELD DUPLICATE	Chlorobenzene
SEMN7901AV	SEMN8101AV	12/17/2003	ICPP-1829	Chlorobenzene	1	U		UG/L	GRAB	Chlorobenzene
AWB00701AV	AWB01101AV	3/29/2004	ICPP-1829	Chlorobenzene	1	U	UJ	UG/L	GRAB	Chlorobenzene
AWB01501AZ	AWB01901AV	6/2/2004	ICPP-1829	Chlorobenzene	1	U		UG/L	GRAB	Chlorobenzene
AWB02901AV	AWB02702AV	9/8/2004	ICPP-1829	Chlorobenzene	1	U		UG/L	FIELD DUPLICATE	Chlorobenzene
AWB02901AV	AWB02701AV	9/8/2004	ICPP-1829	Chlorobenzene	1	U		UG/L	GRAB	Chlorobenzene
AWB03001AV	AWB03401AV	12/21/2004	ICPP-1829	Chlorobenzene	1	U		UG/L	GRAB	Chlorobenzene
AWB04001AV	AWB04401AV	5/31/2005	ICPP-1829	Chlorobenzene	1	U		UG/L	GRAB	Chlorobenzene
AWB10101AV	AWB10501AV	9/14/2005	ICPP-1829	Chlorobenzene	1	U		UG/L	GRAB	Chlorobenzene
SEMN0201AV	SEMN0101AV	6/24/2003	ICPP-1831	Chlorobenzene	1	U		UG/L	GRAB	Chlorobenzene
SEM10001AV	SEM10001AV	9/23/2003	ICPP-1831	Chlorobenzene	1	U		UG/L	GRAB	Chlorobenzene
SEMN7901AV	SEMN7701AV	12/16/2003	ICPP-1831	Chlorobenzene	1	U		UG/L	GRAB	Chlorobenzene
AWB00701AV	AWB00702AV	3/29/2004	ICPP-1831	Chlorobenzene	1	U		UG/L	FIELD DUPLICATE	Chlorobenzene
AWB00701AV	AWB00701AV	3/29/2004	ICPP-1831	Chlorobenzene	1	U		UG/L	GRAB	Chlorobenzene
AWB01501AZ	AWB01501AZ	6/1/2004	ICPP-1831	Chlorobenzene	1	U		UG/L	GRAB	Chlorobenzene
AWB02901AV	AWB02301AV	9/7/2004	ICPP-1831	Chlorobenzene	1	U		UG/L	GRAB	Chlorobenzene
AWB03001AV	AWB03001AV	12/21/2004	ICPP-1831	Chlorobenzene	1	U		UG/L	GRAB	Chlorobenzene
AWB04001AV	AWB04001AV	6/1/2005	ICPP-1831	Chlorobenzene	1	U		UG/L	GRAB	Chlorobenzene
AWB10101AV	AWB10101AV(1)	9/13/2005	ICPP-1831	Chlorobenzene	1	U		UG/L	GRAB	Chlorobenzene
SEMN0201AV	SEMN0001AV	6/25/2003	USGS-123	Chlorobenzene	1	U		UG/L	GRAB	Chlorobenzene
SEM10001AV	SEM10901AV	9/22/2003	USGS-123	Chlorobenzene	1	U		UG/L	GRAB	Chlorobenzene
SEMN7901AV	SEMN7601AV	12/17/2003	USGS-123	Chlorobenzene	1	U		UG/L	GRAB	Chlorobenzene
AWB00701AV	AWB01201AV	3/29/2004	USGS-123	Chlorobenzene	1	U	UJ	UG/L	GRAB	Chlorobenzene
AWB09901AV	AWB02002AV	6/16/2004	USGS-123	Chlorobenzene	1	U		UG/L	FIELD DUPLICATE	Chlorobenzene
AWB09901AV	AWB02001AZ	6/16/2004	USGS-123	Chlorobenzene	1	U		UG/L	GRAB	Chlorobenzene
AWB09901AV	AWB02001AV	6/16/2004	USGS-123	Chlorobenzene	1	U		UG/L	GRAB	Chlorobenzene
AWB03001AV	AWB03502AV	12/20/2004	USGS-123	Chlorobenzene	1	U		UG/L	FIELD DUPLICATE	Chlorobenzene
AWB03001AV	AWB03501AV	12/20/2004	USGS-123	Chlorobenzene	1	U		UG/L	GRAB	Chlorobenzene
AWB03901AV	AWB03802AV	3/7/2005	USGS-123	Chlorobenzene	1	U		UG/L	FIELD DUPLICATE	Chlorobenzene
AWB03901AV	AWB03801A2	3/7/2005	USGS-123	Chlorobenzene	1	U		UG/L	GRAB	Chlorobenzene
AWB03901AV	AWB03801AV	3/7/2005	USGS-123	Chlorobenzene	1	U		UG/L	GRAB	Chlorobenzene
AWB04001AV	AWB04502AV	5/31/2005	USGS-123	Chlorobenzene	1	U		UG/L	FIELD DUPLICATE	Chlorobenzene
AWB04001AV	AWB04501AV	5/31/2005	USGS-123	Chlorobenzene	1	U		UG/L	GRAB	Chlorobenzene
AWB10101AV	AWB10602AV	9/14/2005	USGS-123	Chlorobenzene	1	U		UG/L	FIELD DUPLICATE	Chlorobenzene
AWB10101AV	AWB10601AV	9/14/2005	USGS-123	Chlorobenzene	1	U		UG/L	GRAB	Chlorobenzene
SEMN0201AV	SEMN0202AV	6/24/2003	ICPP-1782	Chloroethane	1	U		UG/L	FIELD DUPLICATE	Chloroethane
SEMN0201AV	SEMN0201AV	6/24/2003	ICPP-1782	Chloroethane	1	U		UG/L	GRAB	Chloroethane
SEM10001AV	SEM10102AV	9/23/2003	ICPP-1782	Chloroethane	1	U		UG/L	FIELD DUPLICATE	Chloroethane
SEM10001AV	SEM10101AV	9/23/2003	ICPP-1782	Chloroethane	1	U		UG/L	GRAB	Chloroethane
SEMN7901AV	SEMN7801AV	12/16/2003	ICPP-1782	Chloroethane	1	U		UG/L	GRAB	Chloroethane
AWB00701AV	AWB00801AZ	3/29/2004	ICPP-1782	Chloroethane	1	U	UJ	UG/L	GRAB	Chloroethane

Table B-1. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
AWB01501AZ	AWB01602AV	6/1/2004	ICPP-1782	Chloroethane	1	U		UG/L	FIELD DUPLICATE	Chloroethane
AWB01501AZ	AWB01601AV	6/1/2004	ICPP-1782	Chloroethane	1	U		UG/L	GRAB	Chloroethane
AWB02901AV	AWB02401AV	9/7/2004	ICPP-1782	Chloroethane	1	U		UG/L	GRAB	Chloroethane
AWB03001AV	AWB03101AV	12/21/2004	ICPP-1782	Chloroethane	1	U		UG/L	GRAB	Chloroethane
AWB04001AV	AWB04101AV	6/1/2005	ICPP-1782	Chloroethane	1	U		UG/L	GRAB	Chloroethane
AWB10101AV	AWB10201AV	9/13/2005	ICPP-1782	Chloroethane	1	U		UG/L	GRAB	Chloroethane
SEMN0201AV	SEMN0301AV	6/24/2003	ICPP-1783	Chloroethane	1	U		UG/L	GRAB	Chloroethane
SEM10001AV	SEM10801AV	9/24/2003	ICPP-1783	Chloroethane	1	U		UG/L	GRAB	Chloroethane
SEMN7901AV	SEMN7901AV	12/16/2003	ICPP-1783	Chloroethane	1	U		UG/L	GRAB	Chloroethane
AWB00701AV	AWB00901AV	3/29/2004	ICPP-1783	Chloroethane	1	U	UJ	UG/L	GRAB	Chloroethane
AWB01501AZ	AWB01701AV	6/2/2004	ICPP-1783	Chloroethane	1	U		UG/L	GRAB	Chloroethane
AWB02901AV	AWB02501AV	9/7/2004	ICPP-1783	Chloroethane	1	U		UG/L	GRAB	Chloroethane
AWB03001AV	AWB03201AV	12/21/2004	ICPP-1783	Chloroethane	1	U		UG/L	GRAB	Chloroethane
AWB04001AV	AWB04201AV	6/1/2005	ICPP-1783	Chloroethane	1	U		UG/L	GRAB	Chloroethane
AWB10101AV	AWB10301AV	9/13/2005	ICPP-1783	Chloroethane	1	U		UG/L	GRAB	Chloroethane
SEMN0201AV	SEMN0401AV	6/24/2003	ICPP-1800	Chloroethane	1	U		UG/L	GRAB	Chloroethane
SEM10001AV	SEM10201AV	9/24/2003	ICPP-1800	Chloroethane	1	U		UG/L	GRAB	Chloroethane
SEMN7901AV	SEMN8001AZ	12/17/2003	ICPP-1800	Chloroethane	1	U		UG/L	GRAB	Chloroethane
AWB00701AV	AWB01001AV	3/29/2004	ICPP-1800	Chloroethane	1	U	UJ	UG/L	GRAB	Chloroethane
AWB01501AZ	AWB01801AV	6/1/2004	ICPP-1800	Chloroethane	1	U		UG/L	GRAB	Chloroethane
AWB02901AV	AWB02601AZ	9/8/2004	ICPP-1800	Chloroethane	1	U		UG/L	GRAB	Chloroethane
AWB03001AV	AWB03301AZ	12/21/2004	ICPP-1800	Chloroethane	1	U		UG/L	GRAB	Chloroethane
AWB04001AV	AWB04301AV	5/31/2005	ICPP-1800	Chloroethane	1	U		UG/L	GRAB	Chloroethane
AWB10101AV	AWB10401AV	9/13/2005	ICPP-1800	Chloroethane	1	U		UG/L	GRAB	Chloroethane
SEMN0201AV	SEMN0501AZ	6/25/2003	ICPP-1829	Chloroethane	1	U		UG/L	GRAB	Chloroethane
SEM10001AV	SEM10301AZ	9/24/2003	ICPP-1829	Chloroethane	1	U		UG/L	GRAB	Chloroethane
SEMN7901AV	SEMN8102AV	12/17/2003	ICPP-1829	Chloroethane	1	U		UG/L	FIELD DUPLICATE	Chloroethane
SEMN7901AV	SEMN8101AV	12/17/2003	ICPP-1829	Chloroethane	1	U		UG/L	GRAB	Chloroethane
AWB00701AV	AWB01101AV	3/29/2004	ICPP-1829	Chloroethane	1	U	R	UG/L	GRAB	Chloroethane
AWB01501AZ	AWB01901AV	6/2/2004	ICPP-1829	Chloroethane	1	U		UG/L	GRAB	Chloroethane
AWB02901AV	AWB02702AV	9/8/2004	ICPP-1829	Chloroethane	1	U		UG/L	FIELD DUPLICATE	Chloroethane
AWB02901AV	AWB02701AV	9/8/2004	ICPP-1829	Chloroethane	1	U		UG/L	GRAB	Chloroethane
AWB03001AV	AWB03401AV	12/21/2004	ICPP-1829	Chloroethane	1	U		UG/L	GRAB	Chloroethane
AWB04001AV	AWB04401AV	5/31/2005	ICPP-1829	Chloroethane	1	U		UG/L	GRAB	Chloroethane
AWB10101AV	AWB10501AV	9/14/2005	ICPP-1829	Chloroethane	1	U		UG/L	GRAB	Chloroethane
SEMN0201AV	SEMN0101AV	6/24/2003	ICPP-1831	Chloroethane	1	U		UG/L	GRAB	Chloroethane
SEM10001AV	SEM10001AV	9/23/2003	ICPP-1831	Chloroethane	1	U		UG/L	GRAB	Chloroethane
SEMN7901AV	SEMN7701AV	12/16/2003	ICPP-1831	Chloroethane	1	U		UG/L	GRAB	Chloroethane
AWB00701AV	AWB00702AV	3/29/2004	ICPP-1831	Chloroethane	1	U	UJ	UG/L	FIELD DUPLICATE	Chloroethane
AWB00701AV	AWB00701AV	3/29/2004	ICPP-1831	Chloroethane	1	U	UJ	UG/L	GRAB	Chloroethane
AWB01501AZ	AWB01501AZ	6/1/2004	ICPP-1831	Chloroethane	1	U		UG/L	GRAB	Chloroethane
AWB02901AV	AWB02301AV	9/7/2004	ICPP-1831	Chloroethane	1	U		UG/L	GRAB	Chloroethane
AWB03001AV	AWB03001AV	12/21/2004	ICPP-1831	Chloroethane	1	U		UG/L	GRAB	Chloroethane
AWB04001AV	AWB04001AV	6/1/2005	ICPP-1831	Chloroethane	1	U		UG/L	GRAB	Chloroethane
AWB10101AV	AWB10101AV(1)	9/13/2005	ICPP-1831	Chloroethane	1	U		UG/L	GRAB	Chloroethane
SEMN0201AV	SEMN0001AV	6/25/2003	USGS-123	Chloroethane	1	U		UG/L	GRAB	Chloroethane
SEM10001AV	SEM10901AV	9/22/2003	USGS-123	Chloroethane	1	U		UG/L	GRAB	Chloroethane
SEMN7901AV	SEMN7601AV	12/17/2003	USGS-123	Chloroethane	1	U		UG/L	GRAB	Chloroethane
AWB00701AV	AWB01201AV	3/29/2004	USGS-123	Chloroethane	1	U	R	UG/L	GRAB	Chloroethane
AWB09901AV	AWB02002AV	6/16/2004	USGS-123	Chloroethane	1	U		UG/L	FIELD DUPLICATE	Chloroethane
AWB09901AV	AWB02001AZ	6/16/2004	USGS-123	Chloroethane	1	U		UG/L	GRAB	Chloroethane
AWB09901AV	AWB02001AV	6/16/2004	USGS-123	Chloroethane	1	U		UG/L	GRAB	Chloroethane
AWB03001AV	AWB03502AV	12/20/2004	USGS-123	Chloroethane	1	U		UG/L	FIELD DUPLICATE	Chloroethane
AWB03001AV	AWB03501AV	12/20/2004	USGS-123	Chloroethane	1	U		UG/L	GRAB	Chloroethane
AWB03901AV	AWB03802AV	3/7/2005	USGS-123	Chloroethane	1	U		UG/L	FIELD DUPLICATE	Chloroethane
AWB03901AV	AWB03801A2	3/7/2005	USGS-123	Chloroethane	1	U		UG/L	GRAB	Chloroethane
AWB03901AV	AWB03801AV	3/7/2005	USGS-123	Chloroethane	1	U		UG/L	GRAB	Chloroethane

Table B-1. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
AWB04001AV	AWB04502AV	5/31/2005	USGS-123	Chloroethane	1	U		UG/L	FIELD DUPLICATE	Chloroethane
AWB04001AV	AWB04501AV	5/31/2005	USGS-123	Chloroethane	1	U		UG/L	GRAB	Chloroethane
AWB10101AV	AWB10602AV	9/14/2005	USGS-123	Chloroethane	1	U		UG/L	FIELD DUPLICATE	Chloroethane
AWB10101AV	AWB10601AV	9/14/2005	USGS-123	Chloroethane	1	U		UG/L	GRAB	Chloroethane
SEMN0201AV	SEMN0202AV	6/24/2003	ICPP-1782	Chloroform	1	U		UG/L	FIELD DUPLICATE	Chloroform
SEMN0201AV	SEMN0201AV	6/24/2003	ICPP-1782	Chloroform	1	U		UG/L	GRAB	Chloroform
SEM10001AV	SEM10102AV	9/23/2003	ICPP-1782	Chloroform	1	U		UG/L	FIELD DUPLICATE	Chloroform
SEM10001AV	SEM10101AV	9/23/2003	ICPP-1782	Chloroform	1	U		UG/L	GRAB	Chloroform
SEMN7901AV	SEMN7801AV	12/16/2003	ICPP-1782	Chloroform	1	U		UG/L	GRAB	Chloroform
AWB00701AV	AWB00801AZ	3/29/2004	ICPP-1782	Chloroform	1	U		UG/L	GRAB	Chloroform
AWB01501AZ	AWB01602AV	6/1/2004	ICPP-1782	Chloroform	1	U		UG/L	FIELD DUPLICATE	Chloroform
AWB01501AZ	AWB01601AV	6/1/2004	ICPP-1782	Chloroform	1	U		UG/L	GRAB	Chloroform
AWB02901AV	AWB02401AV	9/7/2004	ICPP-1782	Chloroform	1	U		UG/L	GRAB	Chloroform
AWB03001AV	AWB03101AV	12/21/2004	ICPP-1782	Chloroform	1	U		UG/L	GRAB	Chloroform
AWB04001AV	AWB04101AV	6/1/2005	ICPP-1782	Chloroform	1	U		UG/L	GRAB	Chloroform
AWB10101AV	AWB10201AV	9/13/2005	ICPP-1782	Chloroform	1	U		UG/L	GRAB	Chloroform
SEMN0201AV	SEMN0301AV	6/24/2003	ICPP-1783	Chloroform	1	U		UG/L	GRAB	Chloroform
SEM10001AV	SEM10801AV	9/24/2003	ICPP-1783	Chloroform	1	U		UG/L	GRAB	Chloroform
SEMN7901AV	SEMN7901AV	12/16/2003	ICPP-1783	Chloroform	1	U		UG/L	GRAB	Chloroform
AWB00701AV	AWB00901AV	3/29/2004	ICPP-1783	Chloroform	1	U		UG/L	GRAB	Chloroform
AWB01501AZ	AWB01701AV	6/2/2004	ICPP-1783	Chloroform	1	U		UG/L	GRAB	Chloroform
AWB02901AV	AWB02501AV	9/7/2004	ICPP-1783	Chloroform	1	U		UG/L	GRAB	Chloroform
AWB03001AV	AWB03201AV	12/21/2004	ICPP-1783	Chloroform	1	U		UG/L	GRAB	Chloroform
AWB04001AV	AWB04201AV	6/1/2005	ICPP-1783	Chloroform	1	U		UG/L	GRAB	Chloroform
AWB10101AV	AWB10301AV	9/13/2005	ICPP-1783	Chloroform	1	U		UG/L	GRAB	Chloroform
SEMN0201AV	SEMN0401AV	6/24/2003	ICPP-1800	Chloroform	1	U		UG/L	GRAB	Chloroform
SEM10001AV	SEM10201AV	9/24/2003	ICPP-1800	Chloroform	1	U		UG/L	GRAB	Chloroform
SEMN7901AV	SEMN8001AZ	12/17/2003	ICPP-1800	Chloroform	1	U		UG/L	GRAB	Chloroform
AWB00701AV	AWB01001AV	3/29/2004	ICPP-1800	Chloroform	1	U		UG/L	GRAB	Chloroform
AWB01501AZ	AWB01801AV	6/1/2004	ICPP-1800	Chloroform	1	U		UG/L	GRAB	Chloroform
AWB02901AV	AWB02601AZ	9/8/2004	ICPP-1800	Chloroform	1	U		UG/L	GRAB	Chloroform
AWB03001AV	AWB03301AZ	12/21/2004	ICPP-1800	Chloroform	1	U		UG/L	GRAB	Chloroform
AWB04001AV	AWB04301AV	5/31/2005	ICPP-1800	Chloroform	1	U		UG/L	GRAB	Chloroform
AWB10101AV	AWB10401AV	9/13/2005	ICPP-1800	Chloroform	1	U		UG/L	GRAB	Chloroform
SEMN0201AV	SEMN0501AZ	6/25/2003	ICPP-1829	Chloroform	1	U		UG/L	GRAB	Chloroform
SEM10001AV	SEM10301AZ	9/24/2003	ICPP-1829	Chloroform	1	U		UG/L	GRAB	Chloroform
SEMN7901AV	SEMN8102AV	12/17/2003	ICPP-1829	Chloroform	1	U		UG/L	FIELD DUPLICATE	Chloroform
SEMN7901AV	SEMN8101AV	12/17/2003	ICPP-1829	Chloroform	1	U		UG/L	GRAB	Chloroform
AWB00701AV	AWB01101AV	3/29/2004	ICPP-1829	Chloroform	1	U		UG/L	GRAB	Chloroform
AWB01501AZ	AWB01901AV	6/2/2004	ICPP-1829	Chloroform	1	U		UG/L	GRAB	Chloroform
AWB02901AV	AWB02702AV	9/8/2004	ICPP-1829	Chloroform	1	U		UG/L	FIELD DUPLICATE	Chloroform
AWB02901AV	AWB02701AV	9/8/2004	ICPP-1829	Chloroform	1	U		UG/L	GRAB	Chloroform
AWB03001AV	AWB03401AV	12/21/2004	ICPP-1829	Chloroform	1	U		UG/L	GRAB	Chloroform
AWB04001AV	AWB04401AV	5/31/2005	ICPP-1829	Chloroform	1	U		UG/L	GRAB	Chloroform
AWB10101AV	AWB10501AV	9/14/2005	ICPP-1829	Chloroform	1	U		UG/L	GRAB	Chloroform
SEMN0201AV	SEMN0101AV	6/24/2003	ICPP-1831	Chloroform	1	U		UG/L	GRAB	Chloroform
SEM10001AV	SEM10001AV	9/23/2003	ICPP-1831	Chloroform	1	U		UG/L	GRAB	Chloroform
SEMN7901AV	SEMN7701AV	12/16/2003	ICPP-1831	Chloroform	1	U		UG/L	GRAB	Chloroform
AWB00701AV	AWB00702AV	3/29/2004	ICPP-1831	Chloroform	1	U		UG/L	FIELD DUPLICATE	Chloroform
AWB00701AV	AWB00701AV	3/29/2004	ICPP-1831	Chloroform	1	U		UG/L	GRAB	Chloroform
AWB01501AZ	AWB01501AZ	6/1/2004	ICPP-1831	Chloroform	1	U		UG/L	GRAB	Chloroform
AWB02901AV	AWB02301AV	9/7/2004	ICPP-1831	Chloroform	1	U		UG/L	GRAB	Chloroform
AWB03001AV	AWB03001AV	12/21/2004	ICPP-1831	Chloroform	1	U		UG/L	GRAB	Chloroform
AWB04001AV	AWB04001AV	6/1/2005	ICPP-1831	Chloroform	1	U		UG/L	GRAB	Chloroform
AWB10101AV	AWB10101AV(1)	9/13/2005	ICPP-1831	Chloroform	1	U		UG/L	GRAB	Chloroform
SEMN0201AV	SEMN0001AV	6/25/2003	USGS-123	Chloroform	1	U		UG/L	GRAB	Chloroform

Table B-1. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
SEM10001AV	SEM10901AV	9/22/2003	USGS-123	Chloroform	1	U		UG/L	GRAB	Chloroform
SEMN7901AV	SEMN7601AV	12/17/2003	USGS-123	Chloroform	1	U		UG/L	GRAB	Chloroform
AWB00701AV	AWB01201AV	3/29/2004	USGS-123	Chloroform	1	U		UG/L	GRAB	Chloroform
AWB09901AV	AWB02002AV	6/16/2004	USGS-123	Chloroform	1	U		UG/L	FIELD DUPLICATE	Chloroform
AWB09901AV	AWB02001AZ	6/16/2004	USGS-123	Chloroform	1	U		UG/L	GRAB	Chloroform
AWB09901AV	AWB02001AV	6/16/2004	USGS-123	Chloroform	1	U		UG/L	GRAB	Chloroform
AWB03001AV	AWB03502AV	12/20/2004	USGS-123	Chloroform	1	U		UG/L	FIELD DUPLICATE	Chloroform
AWB03001AV	AWB03501AV	12/20/2004	USGS-123	Chloroform	1	U		UG/L	GRAB	Chloroform
AWB03901AV	AWB03802AV	3/7/2005	USGS-123	Chloroform	1	U		UG/L	FIELD DUPLICATE	Chloroform
AWB03901AV	AWB03801A2	3/7/2005	USGS-123	Chloroform	1	U		UG/L	GRAB	Chloroform
AWB03901AV	AWB03801AV	3/7/2005	USGS-123	Chloroform	1	U		UG/L	GRAB	Chloroform
AWB04001AV	AWB04502AV	5/31/2005	USGS-123	Chloroform	1	U		UG/L	FIELD DUPLICATE	Chloroform
AWB04001AV	AWB04501AV	5/31/2005	USGS-123	Chloroform	1	U		UG/L	GRAB	Chloroform
AWB10101AV	AWB10602AV	9/14/2005	USGS-123	Chloroform	1	U		UG/L	FIELD DUPLICATE	Chloroform
AWB10101AV	AWB10601AV	9/14/2005	USGS-123	Chloroform	1	U		UG/L	GRAB	Chloroform
SEMN0201AV	SEMN0202AV	6/24/2003	ICPP-1782	Chloromethane	5	U		UG/L	FIELD DUPLICATE	Chloromethane
SEMN0201AV	SEMN0201AV	6/24/2003	ICPP-1782	Chloromethane	5	U		UG/L	GRAB	Chloromethane
SEM10001AV	SEM10102AV	9/23/2003	ICPP-1782	Chloromethane	5	U		UG/L	FIELD DUPLICATE	Chloromethane
SEM10001AV	SEM10101AV	9/23/2003	ICPP-1782	Chloromethane	5	U		UG/L	GRAB	Chloromethane
SEMN7901AV	SEMN7801AV	12/16/2003	ICPP-1782	Chloromethane	1	U	UJ	UG/L	GRAB	Chloromethane
AWB00701AV	AWB00801AZ	3/29/2004	ICPP-1782	Chloromethane	5	U	UJ	UG/L	GRAB	Chloromethane
AWB01501AZ	AWB01602AV	6/1/2004	ICPP-1782	Chloromethane	5	U	UJ	UG/L	FIELD DUPLICATE	Chloromethane
AWB01501AZ	AWB01601AV	6/1/2004	ICPP-1782	Chloromethane	5	U	UJ	UG/L	GRAB	Chloromethane
AWB02901AV	AWB02401AV	9/7/2004	ICPP-1782	Chloromethane	5	U		UG/L	GRAB	Chloromethane
AWB03001AV	AWB03101AV	12/21/2004	ICPP-1782	Chloromethane	5	U		UG/L	GRAB	Chloromethane
AWB04001AV	AWB04101AV	6/1/2005	ICPP-1782	Chloromethane	5	U		UG/L	GRAB	Chloromethane
AWB10101AV	AWB10201AV	9/13/2005	ICPP-1782	Chloromethane	5	U		UG/L	GRAB	Chloromethane
SEMN0201AV	SEMN0301AV	6/24/2003	ICPP-1783	Chloromethane	5	U		UG/L	GRAB	Chloromethane
SEM10001AV	SEM10801AV	9/24/2003	ICPP-1783	Chloromethane	5	U		UG/L	GRAB	Chloromethane
SEMN7901AV	SEMN7901AV	12/16/2003	ICPP-1783	Chloromethane	1	U	UJ	UG/L	GRAB	Chloromethane
AWB00701AV	AWB00901AV	3/29/2004	ICPP-1783	Chloromethane	5	U	UJ	UG/L	GRAB	Chloromethane
AWB01501AZ	AWB01701AV	6/2/2004	ICPP-1783	Chloromethane	5		UJ	UG/L	GRAB	Chloromethane
AWB02901AV	AWB02501AV	9/7/2004	ICPP-1783	Chloromethane	5	U		UG/L	GRAB	Chloromethane
AWB03001AV	AWB03201AV	12/21/2004	ICPP-1783	Chloromethane	5	U		UG/L	GRAB	Chloromethane
AWB04001AV	AWB04201AV	6/1/2005	ICPP-1783	Chloromethane	5	U		UG/L	GRAB	Chloromethane
AWB10101AV	AWB10301AV	9/13/2005	ICPP-1783	Chloromethane	5	U		UG/L	GRAB	Chloromethane
SEMN0201AV	SEMN0401AV	6/24/2003	ICPP-1800	Chloromethane	5	U		UG/L	GRAB	Chloromethane
SEM10001AV	SEM10201AV	9/24/2003	ICPP-1800	Chloromethane	5	U		UG/L	GRAB	Chloromethane
SEMN7901AV	SEMN8001AZ	12/17/2003	ICPP-1800	Chloromethane	1	U	UJ	UG/L	GRAB	Chloromethane
AWB00701AV	AWB01001AV	3/29/2004	ICPP-1800	Chloromethane	5	U	UJ	UG/L	GRAB	Chloromethane
AWB01501AZ	AWB01801AV	6/1/2004	ICPP-1800	Chloromethane	5	U	UJ	UG/L	GRAB	Chloromethane
AWB02901AV	AWB02601AZ	9/8/2004	ICPP-1800	Chloromethane	5	U		UG/L	GRAB	Chloromethane
AWB03001AV	AWB03301AZ	12/21/2004	ICPP-1800	Chloromethane	5	U		UG/L	GRAB	Chloromethane
AWB04001AV	AWB04301AV	5/31/2005	ICPP-1800	Chloromethane	5	U		UG/L	GRAB	Chloromethane
AWB10101AV	AWB10401AV	9/13/2005	ICPP-1800	Chloromethane	5	U		UG/L	GRAB	Chloromethane
SEMN0201AV	SEMN0501AZ	6/25/2003	ICPP-1829	Chloromethane	5	U		UG/L	GRAB	Chloromethane
SEM10001AV	SEM10301AZ	9/24/2003	ICPP-1829	Chloromethane	5	U		UG/L	GRAB	Chloromethane
SEMN7901AV	SEMN8102AV	12/17/2003	ICPP-1829	Chloromethane	1	U	UJ	UG/L	FIELD DUPLICATE	Chloromethane
SEMN7901AV	SEMN8101AV	12/17/2003	ICPP-1829	Chloromethane	1	U	UJ	UG/L	GRAB	Chloromethane
AWB00701AV	AWB01101AV	3/29/2004	ICPP-1829	Chloromethane	5		UJ	UG/L	GRAB	Chloromethane
AWB01501AZ	AWB01901AV	6/2/2004	ICPP-1829	Chloromethane	5		UJ	UG/L	GRAB	Chloromethane
AWB02901AV	AWB02702AV	9/8/2004	ICPP-1829	Chloromethane	5	U		UG/L	FIELD DUPLICATE	Chloromethane
AWB02901AV	AWB02701AV	9/8/2004	ICPP-1829	Chloromethane	5	U		UG/L	GRAB	Chloromethane
AWB03001AV	AWB03401AV	12/21/2004	ICPP-1829	Chloromethane	5	U		UG/L	GRAB	Chloromethane
AWB04001AV	AWB04401AV	5/31/2005	ICPP-1829	Chloromethane	5	U		UG/L	GRAB	Chloromethane
AWB10101AV	AWB10501AV	9/14/2005	ICPP-1829	Chloromethane	5	U		UG/L	GRAB	Chloromethane

Table B-1. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
SEMN0201AV	SEMN0101AV	6/24/2003	ICPP-1831	Chloromethane	5	U		UG/L	GRAB	Chloromethane
SEM10001AV	SEM10001AV	9/23/2003	ICPP-1831	Chloromethane	5	U		UG/L	GRAB	Chloromethane
SEMN7901AV	SEMN7701AV	12/16/2003	ICPP-1831	Chloromethane	1	U	UJ	UG/L	GRAB	Chloromethane
AWB00701AV	AWB00702AV	3/29/2004	ICPP-1831	Chloromethane	5	U	UJ	UG/L	FIELD DUPLICATE	Chloromethane
AWB00701AV	AWB00701AV	3/29/2004	ICPP-1831	Chloromethane	5	U	UJ	UG/L	GRAB	Chloromethane
AWB01501AZ	AWB01501AZ	6/1/2004	ICPP-1831	Chloromethane	5	U	UJ	UG/L	GRAB	Chloromethane
AWB02901AV	AWB02301AV	9/7/2004	ICPP-1831	Chloromethane	5	U		UG/L	GRAB	Chloromethane
AWB03001AV	AWB03001AV	12/21/2004	ICPP-1831	Chloromethane	5	U		UG/L	GRAB	Chloromethane
AWB04001AV	AWB04001AV	6/1/2005	ICPP-1831	Chloromethane	5	U		UG/L	GRAB	Chloromethane
AWB10101AV	AWB10101AV(1)	9/13/2005	ICPP-1831	Chloromethane	5	U		UG/L	GRAB	Chloromethane
SEMN0201AV	SEMN0001AV	6/25/2003	USGS-123	Chloromethane	5	U		UG/L	GRAB	Chloromethane
SEM10001AV	SEM10901AV	9/22/2003	USGS-123	Chloromethane	5	U		UG/L	GRAB	Chloromethane
SEMN7901AV	SEMN7601AV	12/17/2003	USGS-123	Chloromethane	1	U	UJ	UG/L	GRAB	Chloromethane
AWB00701AV	AWB01201AV	3/29/2004	USGS-123	Chloromethane	5		UJ	UG/L	GRAB	Chloromethane
AWB09901AV	AWB02002AV	6/16/2004	USGS-123	Chloromethane	5	U	UJ	UG/L	FIELD DUPLICATE	Chloromethane
AWB09901AV	AWB02001AZ	6/16/2004	USGS-123	Chloromethane	5		UJ	UG/L	GRAB	Chloromethane
AWB09901AV	AWB02001AV	6/16/2004	USGS-123	Chloromethane	5		UJ	UG/L	GRAB	Chloromethane
AWB03001AV	AWB03502AV	12/20/2004	USGS-123	Chloromethane	5	U		UG/L	FIELD DUPLICATE	Chloromethane
AWB03001AV	AWB03501AV	12/20/2004	USGS-123	Chloromethane	5	U		UG/L	GRAB	Chloromethane
AWB03901AV	AWB03802AV	3/7/2005	USGS-123	Chloromethane	5	U		UG/L	FIELD DUPLICATE	Chloromethane
AWB03901AV	AWB03801A2	3/7/2005	USGS-123	Chloromethane	5	U		UG/L	GRAB	Chloromethane
AWB03901AV	AWB03801AV	3/7/2005	USGS-123	Chloromethane	5	U		UG/L	GRAB	Chloromethane
AWB04001AV	AWB04502AV	5/31/2005	USGS-123	Chloromethane	5	U		UG/L	FIELD DUPLICATE	Chloromethane
AWB04001AV	AWB04501AV	5/31/2005	USGS-123	Chloromethane	5	U		UG/L	GRAB	Chloromethane
AWB10101AV	AWB10602AV	9/14/2005	USGS-123	Chloromethane	5	U		UG/L	FIELD DUPLICATE	Chloromethane
AWB10101AV	AWB10601AV	9/14/2005	USGS-123	Chloromethane	5	U		UG/L	GRAB	Chloromethane
SEMN0201AV	SEMN0202AV	6/24/2003	ICPP-1782	Chloroprene	5	U		UG/L	FIELD DUPLICATE	2-Chloro-1,3-butadiene
SEMN0201AV	SEMN0201AV	6/24/2003	ICPP-1782	Chloroprene	5	U		UG/L	GRAB	2-Chloro-1,3-butadiene
SEM10001AV	SEM10102AV(1)	9/23/2003	ICPP-1782	Chloroprene	5	U		UG/L	FIELD DUPLICATE	2-Chloro-1,3-butadiene
SEM10001AV	SEM10101AV(1)	9/23/2003	ICPP-1782	Chloroprene	5	U		UG/L	GRAB	2-Chloro-1,3-butadiene
SEMN7901AV	SEMN7801AV	12/16/2003	ICPP-1782	Chloroprene	1	U		UG/L	GRAB	2-Chloro-1,3-butadiene
AWB00701AV	AWB00801AZ	3/29/2004	ICPP-1782	Chloroprene	5	U		UG/L	GRAB	Chloroprene
AWB01501AZ	AWB01602AV	6/1/2004	ICPP-1782	Chloroprene	5	U		UG/L	FIELD DUPLICATE	Chloroprene
AWB01501AZ	AWB01601AV	6/1/2004	ICPP-1782	Chloroprene	5	U		UG/L	GRAB	Chloroprene
AWB02901AV	AWB02401AV	9/7/2004	ICPP-1782	Chloroprene	5	U	UJ	UG/L	GRAB	Chloroprene
AWB03001AV	AWB03101AV	12/21/2004	ICPP-1782	Chloroprene	5	U		UG/L	GRAB	Chloroprene
AWB04001AV	AWB04101AV	6/1/2005	ICPP-1782	Chloroprene	5	U		UG/L	GRAB	Chloroprene
AWB10101AV	AWB10201AV	9/13/2005	ICPP-1782	Chloroprene	5	U		UG/L	GRAB	Chloroprene
SEMN0201AV	SEMN0301AV	6/24/2003	ICPP-1783	Chloroprene	5	U		UG/L	GRAB	2-Chloro-1,3-butadiene
SEM10001AV	SEM10801AV(1)	9/24/2003	ICPP-1783	Chloroprene	5	U		UG/L	GRAB	2-Chloro-1,3-butadiene
SEMN7901AV	SEMN7901AV	12/16/2003	ICPP-1783	Chloroprene	1	U		UG/L	GRAB	2-Chloro-1,3-butadiene
AWB00701AV	AWB00901AV	3/29/2004	ICPP-1783	Chloroprene	5	U		UG/L	GRAB	Chloroprene
AWB01501AZ	AWB01701AV	6/2/2004	ICPP-1783	Chloroprene	5	U		UG/L	GRAB	Chloroprene
AWB02901AV	AWB02501AV	9/7/2004	ICPP-1783	Chloroprene	5	U	UJ	UG/L	GRAB	Chloroprene
AWB03001AV	AWB03201AV	12/21/2004	ICPP-1783	Chloroprene	5	U		UG/L	GRAB	Chloroprene
AWB04001AV	AWB04201AV	6/1/2005	ICPP-1783	Chloroprene	5	U		UG/L	GRAB	Chloroprene
AWB10101AV	AWB10301AV	9/13/2005	ICPP-1783	Chloroprene	5	U		UG/L	GRAB	Chloroprene
SEMN0201AV	SEMN0401AV	6/24/2003	ICPP-1800	Chloroprene	5	U		UG/L	GRAB	2-Chloro-1,3-butadiene
SEM10001AV	SEM10201AV(1)	9/24/2003	ICPP-1800	Chloroprene	5	U		UG/L	GRAB	2-Chloro-1,3-butadiene
SEMN7901AV	SEMN8001AZ	12/17/2003	ICPP-1800	Chloroprene	1	U		UG/L	GRAB	2-Chloro-1,3-butadiene
AWB00701AV	AWB01001AV	3/29/2004	ICPP-1800	Chloroprene	5	U		UG/L	GRAB	Chloroprene
AWB01501AZ	AWB01801AV	6/1/2004	ICPP-1800	Chloroprene	5	U		UG/L	GRAB	Chloroprene
AWB02901AV	AWB02601AZ	9/8/2004	ICPP-1800	Chloroprene	5	U	UJ	UG/L	GRAB	Chloroprene
AWB03001AV	AWB03301AZ	12/21/2004	ICPP-1800	Chloroprene	5	U		UG/L	GRAB	Chloroprene
AWB04001AV	AWB04301AV	5/31/2005	ICPP-1800	Chloroprene	5	U		UG/L	GRAB	Chloroprene
AWB10101AV	AWB10401AV	9/13/2005	ICPP-1800	Chloroprene	5	U		UG/L	GRAB	Chloroprene

Table B-1. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
SEMN0201AV	SEMN0501AZ	6/25/2003	ICPP-1829	Chloroprene	5	U		UG/L	GRAB	2-Chloro-1,3-butadiene
SEM10001AV	SEM10301AZ(1)	9/24/2003	ICPP-1829	Chloroprene	5	U		UG/L	GRAB	2-Chloro-1,3-butadiene
SEMN7901AV	SEMN8102AV	12/17/2003	ICPP-1829	Chloroprene	1	U		UG/L	FIELD DUPLICATE	2-Chloro-1,3-butadiene
SEMN7901AV	SEMN8101AV	12/17/2003	ICPP-1829	Chloroprene	1	U		UG/L	GRAB	2-Chloro-1,3-butadiene
AWB00701AV	AWB01101AV	3/29/2004	ICPP-1829	Chloroprene	5	U	UJ	UG/L	GRAB	Chloroprene
AWB01501AZ	AWB01901AV	6/2/2004	ICPP-1829	Chloroprene	5	U		UG/L	GRAB	Chloroprene
AWB02901AV	AWB02702AV	9/8/2004	ICPP-1829	Chloroprene	5	U	UJ	UG/L	FIELD DUPLICATE	Chloroprene
AWB02901AV	AWB02701AV	9/8/2004	ICPP-1829	Chloroprene	5	U	UJ	UG/L	GRAB	Chloroprene
AWB03001AV	AWB03401AV	12/21/2004	ICPP-1829	Chloroprene	5	U		UG/L	GRAB	Chloroprene
AWB04001AV	AWB04401AV	5/31/2005	ICPP-1829	Chloroprene	5	U		UG/L	GRAB	Chloroprene
AWB10101AV	AWB10501AV	9/14/2005	ICPP-1829	Chloroprene	5	U		UG/L	GRAB	Chloroprene
SEMN0201AV	SEMN0101AV	6/24/2003	ICPP-1831	Chloroprene	5	U		UG/L	GRAB	2-Chloro-1,3-butadiene
SEM10001AV	SEM10001AV(1)	9/23/2003	ICPP-1831	Chloroprene	5	U		UG/L	GRAB	2-Chloro-1,3-butadiene
SEMN7901AV	SEMN7701AV	12/16/2003	ICPP-1831	Chloroprene	1	U		UG/L	GRAB	2-Chloro-1,3-butadiene
AWB00701AV	AWB00702AV	3/29/2004	ICPP-1831	Chloroprene	5	U		UG/L	FIELD DUPLICATE	Chloroprene
AWB00701AV	AWB00701AV	3/29/2004	ICPP-1831	Chloroprene	5	U		UG/L	GRAB	Chloroprene
AWB01501AZ	AWB01501AZ	6/1/2004	ICPP-1831	Chloroprene	5	U		UG/L	GRAB	Chloroprene
AWB02901AV	AWB02301AV	9/7/2004	ICPP-1831	Chloroprene	5	U	UJ	UG/L	GRAB	Chloroprene
AWB03001AV	AWB03001AV	12/21/2004	ICPP-1831	Chloroprene	5	U		UG/L	GRAB	Chloroprene
AWB04001AV	AWB04001AV	6/1/2005	ICPP-1831	Chloroprene	5	U		UG/L	GRAB	Chloroprene
AWB10101AV	AWB10101AV(1)	9/13/2005	ICPP-1831	Chloroprene	5	U		UG/L	GRAB	Chloroprene
SEMN0201AV	SEMN0001AV	6/25/2003	USGS-123	Chloroprene	5	U		UG/L	GRAB	2-Chloro-1,3-butadiene
SEM10001AV	SEM10901AV(1)	9/22/2003	USGS-123	Chloroprene	5	U		UG/L	GRAB	2-Chloro-1,3-butadiene
SEMN7901AV	SEMN7601AV	12/17/2003	USGS-123	Chloroprene	1	U		UG/L	GRAB	2-Chloro-1,3-butadiene
AWB00701AV	AWB01201AV	3/29/2004	USGS-123	Chloroprene	5	U	UJ	UG/L	GRAB	Chloroprene
AWB09901AV	AWB02002AV	6/16/2004	USGS-123	Chloroprene	5	U		UG/L	FIELD DUPLICATE	Chloroprene
AWB09901AV	AWB02001AZ	6/16/2004	USGS-123	Chloroprene	5	U		UG/L	GRAB	Chloroprene
AWB09901AV	AWB02001AV	6/16/2004	USGS-123	Chloroprene	5	U		UG/L	GRAB	Chloroprene
AWB03001AV	AWB03502AV	12/20/2004	USGS-123	Chloroprene	5	U		UG/L	FIELD DUPLICATE	Chloroprene
AWB03001AV	AWB03501AV	12/20/2004	USGS-123	Chloroprene	5	U		UG/L	GRAB	Chloroprene
AWB03901AV	AWB03802AV	3/7/2005	USGS-123	Chloroprene	5	U		UG/L	FIELD DUPLICATE	Chloroprene
AWB03901AV	AWB03801A2	3/7/2005	USGS-123	Chloroprene	5	U		UG/L	GRAB	Chloroprene
AWB03901AV	AWB03801AV	3/7/2005	USGS-123	Chloroprene	5	U		UG/L	GRAB	Chloroprene
AWB04001AV	AWB04502AV	5/31/2005	USGS-123	Chloroprene	5	U		UG/L	FIELD DUPLICATE	Chloroprene
AWB04001AV	AWB04501AV	5/31/2005	USGS-123	Chloroprene	5	U		UG/L	GRAB	Chloroprene
AWB10101AV	AWB10602AV	9/14/2005	USGS-123	Chloroprene	5	U		UG/L	FIELD DUPLICATE	Chloroprene
AWB10101AV	AWB10601AV	9/14/2005	USGS-123	Chloroprene	5	U		UG/L	GRAB	Chloroprene
SEMN0201AV	SEMN0202AV	6/24/2003	ICPP-1782	cis-1,2-Dichloroethene	1	U		UG/L	FIELD DUPLICATE	cis-1,2-Dichloroethene
SEMN0201AV	SEMN0201AV	6/24/2003	ICPP-1782	cis-1,2-Dichloroethene	1	U		UG/L	GRAB	cis-1,2-Dichloroethene
SEM10001AV	SEM10102AV	9/23/2003	ICPP-1782	cis-1,2-Dichloroethene	1	U		UG/L	FIELD DUPLICATE	cis-1,2-Dichloroethene
SEM10001AV	SEM10101AV	9/23/2003	ICPP-1782	cis-1,2-Dichloroethene	1	U		UG/L	GRAB	cis-1,2-Dichloroethene
SEMN7901AV	SEMN7801AV	12/16/2003	ICPP-1782	cis-1,2-Dichloroethene	1	U		UG/L	GRAB	Dichloroethylene
AWB00701AV	AWB00801AZ	3/29/2004	ICPP-1782	cis-1,2-Dichloroethene	1	U		UG/L	GRAB	cis-1,2-Dichloroethene
AWB01501AZ	AWB01602AV	6/1/2004	ICPP-1782	cis-1,2-Dichloroethene	1	U		UG/L	FIELD DUPLICATE	cis-1,2-Dichloroethene
AWB01501AZ	AWB01601AV	6/1/2004	ICPP-1782	cis-1,2-Dichloroethene	1	U		UG/L	GRAB	cis-1,2-Dichloroethene
AWB02901AV	AWB02401AV	9/7/2004	ICPP-1782	cis-1,2-Dichloroethene	1	U		UG/L	GRAB	cis-1,2-Dichloroethene
AWB03001AV	AWB03101AV	12/21/2004	ICPP-1782	cis-1,2-Dichloroethene	1	U		UG/L	GRAB	cis-1,2-Dichloroethene
AWB04001AV	AWB04101AV	6/1/2005	ICPP-1782	cis-1,2-Dichloroethene	1	U		UG/L	GRAB	cis-1,2-Dichloroethene
AWB10101AV	AWB10201AV	9/13/2005	ICPP-1782	cis-1,2-Dichloroethene	1	U		UG/L	GRAB	cis-1,2-Dichloroethene
SEMN0201AV	SEMN0301AV	6/24/2003	ICPP-1783	cis-1,2-Dichloroethene	1	U		UG/L	GRAB	cis-1,2-Dichloroethene
SEM10001AV	SEM10801AV	9/24/2003	ICPP-1783	cis-1,2-Dichloroethene	1	U		UG/L	GRAB	cis-1,2-Dichloroethene
SEMN7901AV	SEMN7901AV	12/16/2003	ICPP-1783	cis-1,2-Dichloroethene	1	U		UG/L	GRAB	Dichloroethylene
AWB00701AV	AWB00901AV	3/29/2004	ICPP-1783	cis-1,2-Dichloroethene	1	U		UG/L	GRAB	cis-1,2-Dichloroethene
AWB01501AZ	AWB01701AV	6/2/2004	ICPP-1783	cis-1,2-Dichloroethene	1	U		UG/L	GRAB	cis-1,2-Dichloroethene
AWB02901AV	AWB02501AV	9/7/2004	ICPP-1783	cis-1,2-Dichloroethene	1	U		UG/L	GRAB	cis-1,2-Dichloroethene
AWB03001AV	AWB03201AV	12/21/2004	ICPP-1783	cis-1,2-Dichloroethene	1	U		UG/L	GRAB	cis-1,2-Dichloroethene

Table B-1. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
AWB04001AV	AWB04201AV	6/1/2005	ICPP-1783	cis-1,2-Dichloroethene	1	U		UG/L	GRAB	cis-1,2-Dichloroethene
AWB10101AV	AWB10301AV	9/13/2005	ICPP-1783	cis-1,2-Dichloroethene	1	U		UG/L	GRAB	cis-1,2-Dichloroethene
SEMN0201AV	SEMN0401AV	6/24/2003	ICPP-1800	cis-1,2-Dichloroethene	1	U		UG/L	GRAB	cis-1,2-Dichloroethene
SEM10001AV	SEM10201AV	9/24/2003	ICPP-1800	cis-1,2-Dichloroethene	1	U		UG/L	GRAB	cis-1,2-Dichloroethene
SEMN7901AV	SEMN8001AZ	12/17/2003	ICPP-1800	cis-1,2-Dichloroethene	1	U		UG/L	GRAB	cis-1,2-Dichloroethylene
AWB00701AV	AWB01001AV	3/29/2004	ICPP-1800	cis-1,2-Dichloroethene	1	U		UG/L	GRAB	cis-1,2-Dichloroethene
AWB01501AZ	AWB01801AV	6/1/2004	ICPP-1800	cis-1,2-Dichloroethene	1	U		UG/L	GRAB	cis-1,2-Dichloroethene
AWB02901AV	AWB02601AZ	9/8/2004	ICPP-1800	cis-1,2-Dichloroethene	1	U		UG/L	GRAB	cis-1,2-Dichloroethene
AWB03001AV	AWB03301AZ	12/21/2004	ICPP-1800	cis-1,2-Dichloroethene	1	U		UG/L	GRAB	cis-1,2-Dichloroethene
AWB04001AV	AWB04301AV	5/31/2005	ICPP-1800	cis-1,2-Dichloroethene	1	U		UG/L	GRAB	cis-1,2-Dichloroethene
AWB10101AV	AWB10401AV	9/13/2005	ICPP-1800	cis-1,2-Dichloroethene	1	U		UG/L	GRAB	cis-1,2-Dichloroethene
SEMN0201AV	SEMN0501AZ	6/25/2003	ICPP-1829	cis-1,2-Dichloroethene	1	U		UG/L	GRAB	cis-1,2-Dichloroethene
SEM10001AV	SEM10301AZ	9/24/2003	ICPP-1829	cis-1,2-Dichloroethene	1	U		UG/L	GRAB	cis-1,2-Dichloroethene
SEMN7901AV	SEMN8102AV	12/17/2003	ICPP-1829	cis-1,2-Dichloroethene	1	U		UG/L	FIELD DUPLICATE	cis-1,2-Dichloroethylene
SEMN7901AV	SEMN8101AV	12/17/2003	ICPP-1829	cis-1,2-Dichloroethene	1	U		UG/L	GRAB	cis-1,2-Dichloroethylene
AWB00701AV	AWB01101AV	3/29/2004	ICPP-1829	cis-1,2-Dichloroethene	1	U	UJ	UG/L	GRAB	cis-1,2-Dichloroethene
AWB01501AZ	AWB01901AV	6/2/2004	ICPP-1829	cis-1,2-Dichloroethene	1	U		UG/L	GRAB	cis-1,2-Dichloroethene
AWB02901AV	AWB02702AV	9/8/2004	ICPP-1829	cis-1,2-Dichloroethene	1	U		UG/L	FIELD DUPLICATE	cis-1,2-Dichloroethene
AWB02901AV	AWB02701AV	9/8/2004	ICPP-1829	cis-1,2-Dichloroethene	1	U		UG/L	GRAB	cis-1,2-Dichloroethene
AWB03001AV	AWB03401AV	12/21/2004	ICPP-1829	cis-1,2-Dichloroethene	1	U		UG/L	GRAB	cis-1,2-Dichloroethene
AWB04001AV	AWB04401AV	5/31/2005	ICPP-1829	cis-1,2-Dichloroethene	1	U		UG/L	GRAB	cis-1,2-Dichloroethene
AWB10101AV	AWB10501AV	9/14/2005	ICPP-1829	cis-1,2-Dichloroethene	1	U		UG/L	GRAB	cis-1,2-Dichloroethene
SEMN0201AV	SEMN0101AV	6/24/2003	ICPP-1831	cis-1,2-Dichloroethene	1	U		UG/L	GRAB	cis-1,2-Dichloroethene
SEM10001AV	SEM10001AV	9/23/2003	ICPP-1831	cis-1,2-Dichloroethene	1	U		UG/L	GRAB	cis-1,2-Dichloroethene
SEMN7901AV	SEMN7701AV	12/16/2003	ICPP-1831	cis-1,2-Dichloroethene	1	U		UG/L	GRAB	cis-1,2-Dichloroethylene
AWB00701AV	AWB00702AV	3/29/2004	ICPP-1831	cis-1,2-Dichloroethene	1	U		UG/L	FIELD DUPLICATE	cis-1,2-Dichloroethene
AWB00701AV	AWB00701AV	3/29/2004	ICPP-1831	cis-1,2-Dichloroethene	1	U		UG/L	GRAB	cis-1,2-Dichloroethene
AWB01501AZ	AWB01501AZ	6/1/2004	ICPP-1831	cis-1,2-Dichloroethene	1	U		UG/L	GRAB	cis-1,2-Dichloroethene
AWB02901AV	AWB02301AV	9/7/2004	ICPP-1831	cis-1,2-Dichloroethene	1	U		UG/L	GRAB	cis-1,2-Dichloroethene
AWB03001AV	AWB03001AV	12/21/2004	ICPP-1831	cis-1,2-Dichloroethene	1	U		UG/L	GRAB	cis-1,2-Dichloroethene
AWB04001AV	AWB04001AV	6/1/2005	ICPP-1831	cis-1,2-Dichloroethene	1	U		UG/L	GRAB	cis-1,2-Dichloroethene
AWB10101AV	AWB10101AV(1)	9/13/2005	ICPP-1831	cis-1,2-Dichloroethene	1	U		UG/L	GRAB	cis-1,2-Dichloroethene
SEMN0201AV	SEMN0001AV	6/25/2003	USGS-123	cis-1,2-Dichloroethene	1	U		UG/L	GRAB	cis-1,2-Dichloroethene
SEM10001AV	SEM10901AV	9/22/2003	USGS-123	cis-1,2-Dichloroethene	1	U		UG/L	GRAB	cis-1,2-Dichloroethene
AWB00701AV	AWB01201AV	3/29/2004	USGS-123	cis-1,2-Dichloroethene	1	U	UJ	UG/L	GRAB	cis-1,2-Dichloroethene
AWB09901AV	AWB02002AV	6/16/2004	USGS-123	cis-1,2-Dichloroethene	1	U		UG/L	FIELD DUPLICATE	cis-1,2-Dichloroethene
AWB09901AV	AWB02001AZ	6/16/2004	USGS-123	cis-1,2-Dichloroethene	1	U		UG/L	GRAB	cis-1,2-Dichloroethene
AWB09901AV	AWB02001AV	6/16/2004	USGS-123	cis-1,2-Dichloroethene	1	U		UG/L	GRAB	cis-1,2-Dichloroethene
AWB03001AV	AWB03502AV	12/20/2004	USGS-123	cis-1,2-Dichloroethene	1	U		UG/L	FIELD DUPLICATE	cis-1,2-Dichloroethene
AWB03001AV	AWB03501AV	12/20/2004	USGS-123	cis-1,2-Dichloroethene	1	U		UG/L	GRAB	cis-1,2-Dichloroethene
AWB03901AV	AWB03802AV	3/7/2005	USGS-123	cis-1,2-Dichloroethene	1	U		UG/L	FIELD DUPLICATE	cis-1,2-Dichloroethene
AWB03901AV	AWB03801A2	3/7/2005	USGS-123	cis-1,2-Dichloroethene	1	U		UG/L	GRAB	cis-1,2-Dichloroethene
AWB03901AV	AWB03801AV	3/7/2005	USGS-123	cis-1,2-Dichloroethene	1	U		UG/L	GRAB	cis-1,2-Dichloroethene
AWB04001AV	AWB04502AV	5/31/2005	USGS-123	cis-1,2-Dichloroethene	1	U		UG/L	FIELD DUPLICATE	cis-1,2-Dichloroethene
AWB04001AV	AWB04501AV	5/31/2005	USGS-123	cis-1,2-Dichloroethene	1	U		UG/L	GRAB	cis-1,2-Dichloroethene
AWB10101AV	AWB10602AV	9/14/2005	USGS-123	cis-1,2-Dichloroethene	1	U		UG/L	FIELD DUPLICATE	cis-1,2-Dichloroethene
AWB10101AV	AWB10601AV	9/14/2005	USGS-123	cis-1,2-Dichloroethene	1	U		UG/L	GRAB	cis-1,2-Dichloroethene
SEMN7901AV	SEMN7601AV	12/17/2003	USGS-123	cis-1,2-Dichloroethylene	1	U		UG/L	GRAB	cis-1,2-Dichloroethylene
SEMN0201AV	SEMN0202AV	6/24/2003	ICPP-1782	cis-1,3-Dichloropropene	5	U		UG/L	FIELD DUPLICATE	cis-1,3-Dichloropropene
SEMN0201AV	SEMN0201AV	6/24/2003	ICPP-1782	cis-1,3-Dichloropropene	5	U		UG/L	GRAB	cis-1,3-Dichloropropene
SEM10001AV	SEM10102AV	9/23/2003	ICPP-1782	cis-1,3-Dichloropropene	5	U		UG/L	FIELD DUPLICATE	cis-1,3-Dichloropropene
SEM10001AV	SEM10101AV	9/23/2003	ICPP-1782	cis-1,3-Dichloropropene	5	U		UG/L	GRAB	cis-1,3-Dichloropropene
SEMN7901AV	SEMN7801AV	12/16/2003	ICPP-1782	cis-1,3-Dichloropropene	1	U		UG/L	GRAB	Dichloropropylene
AWB00701AV	AWB00801AZ	3/29/2004	ICPP-1782	cis-1,3-Dichloropropene	1	U		UG/L	GRAB	cis-1,3-Dichloropropene
AWB01501AZ	AWB01602AV	6/1/2004	ICPP-1782	cis-1,3-Dichloropropene	1	U		UG/L	FIELD DUPLICATE	cis-1,3-Dichloropropene
AWB01501AZ	AWB01601AV	6/1/2004	ICPP-1782	cis-1,3-Dichloropropene	1	U		UG/L	GRAB	cis-1,3-Dichloropropene

Table B-1. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
AWB02901AV	AWB02401AV	9/7/2004	ICPP-1782	cis-1,3-Dichloropropene	1	U		UG/L	GRAB	cis-1,3-Dichloropropene
AWB03001AV	AWB03101AV	12/21/2004	ICPP-1782	cis-1,3-Dichloropropene	1	U	UJ	UG/L	GRAB	cis-1,3-Dichloropropene
AWB04001AV	AWB04101AV	6/1/2005	ICPP-1782	cis-1,3-Dichloropropene	1	U		UG/L	GRAB	cis-1,3-Dichloropropene
AWB10101AV	AWB10201AV	9/13/2005	ICPP-1782	cis-1,3-Dichloropropene	1	U		UG/L	GRAB	cis-1,3-Dichloropropene
SEMN0201AV	SEMN0301AV	6/24/2003	ICPP-1783	cis-1,3-Dichloropropene	5	U		UG/L	GRAB	cis-1,3-Dichloropropene
SEM10001AV	SEM10801AV	9/24/2003	ICPP-1783	cis-1,3-Dichloropropene	5	U		UG/L	GRAB	cis-1,3-Dichloropropene
SEMN7901AV	SEMN7901AV	12/16/2003	ICPP-1783	cis-1,3-Dichloropropene	1	U		UG/L	GRAB	cis-1,3-Dichloropropylene
AWB00701AV	AWB00901AV	3/29/2004	ICPP-1783	cis-1,3-Dichloropropene	1	U		UG/L	GRAB	cis-1,3-Dichloropropene
AWB01501AZ	AWB01701AV	6/2/2004	ICPP-1783	cis-1,3-Dichloropropene	1	U		UG/L	GRAB	cis-1,3-Dichloropropene
AWB02901AV	AWB02501AV	9/7/2004	ICPP-1783	cis-1,3-Dichloropropene	1	U		UG/L	GRAB	cis-1,3-Dichloropropene
AWB03001AV	AWB03201AV	12/21/2004	ICPP-1783	cis-1,3-Dichloropropene	1	U	UJ	UG/L	GRAB	cis-1,3-Dichloropropene
AWB04001AV	AWB04201AV	6/1/2005	ICPP-1783	cis-1,3-Dichloropropene	1	U		UG/L	GRAB	cis-1,3-Dichloropropene
AWB10101AV	AWB10301AV	9/13/2005	ICPP-1783	cis-1,3-Dichloropropene	1	U		UG/L	GRAB	cis-1,3-Dichloropropene
SEMN0201AV	SEMN0401AV	6/24/2003	ICPP-1800	cis-1,3-Dichloropropene	5	U		UG/L	GRAB	cis-1,3-Dichloropropene
SEM10001AV	SEM10201AV	9/24/2003	ICPP-1800	cis-1,3-Dichloropropene	5	U		UG/L	GRAB	cis-1,3-Dichloropropene
SEMN7901AV	SEMN8001AZ	12/17/2003	ICPP-1800	cis-1,3-Dichloropropene	1	U		UG/L	GRAB	cis-1,3-Dichloropropylene
AWB00701AV	AWB01001AV	3/29/2004	ICPP-1800	cis-1,3-Dichloropropene	1	U		UG/L	GRAB	cis-1,3-Dichloropropene
AWB01501AZ	AWB01801AV	6/1/2004	ICPP-1800	cis-1,3-Dichloropropene	1	U		UG/L	GRAB	cis-1,3-Dichloropropene
AWB02901AV	AWB02601AZ	9/8/2004	ICPP-1800	cis-1,3-Dichloropropene	1	U		UG/L	GRAB	cis-1,3-Dichloropropene
AWB03001AV	AWB03301AZ	12/21/2004	ICPP-1800	cis-1,3-Dichloropropene	1	U	UJ	UG/L	GRAB	cis-1,3-Dichloropropene
AWB04001AV	AWB04301AV	5/31/2005	ICPP-1800	cis-1,3-Dichloropropene	1	U		UG/L	GRAB	cis-1,3-Dichloropropene
AWB10101AV	AWB10401AV	9/13/2005	ICPP-1800	cis-1,3-Dichloropropene	1	U		UG/L	GRAB	cis-1,3-Dichloropropene
SEMN0201AV	SEMN0501AZ	6/25/2003	ICPP-1829	cis-1,3-Dichloropropene	5	U		UG/L	GRAB	cis-1,3-Dichloropropene
SEM10001AV	SEM10301AZ	9/24/2003	ICPP-1829	cis-1,3-Dichloropropene	5	U		UG/L	GRAB	cis-1,3-Dichloropropene
SEMN7901AV	SEMN8102AV	12/17/2003	ICPP-1829	cis-1,3-Dichloropropene	1	U		UG/L	FIELD DUPLICATE	cis-1,3-Dichloropropylene
SEMN7901AV	SEMN8101AV	12/17/2003	ICPP-1829	cis-1,3-Dichloropropene	1	U		UG/L	GRAB	cis-1,3-Dichloropropylene
AWB00701AV	AWB01101AV	3/29/2004	ICPP-1829	cis-1,3-Dichloropropene	1	U	UJ	UG/L	GRAB	cis-1,3-Dichloropropene
AWB01501AZ	AWB01901AV	6/2/2004	ICPP-1829	cis-1,3-Dichloropropene	1	U		UG/L	GRAB	cis-1,3-Dichloropropene
AWB02901AV	AWB02702AV	9/8/2004	ICPP-1829	cis-1,3-Dichloropropene	1	U		UG/L	FIELD DUPLICATE	cis-1,3-Dichloropropene
AWB02901AV	AWB02701AV	9/8/2004	ICPP-1829	cis-1,3-Dichloropropene	1	U		UG/L	GRAB	cis-1,3-Dichloropropene
AWB03001AV	AWB03401AV	12/21/2004	ICPP-1829	cis-1,3-Dichloropropene	1	U	UJ	UG/L	GRAB	cis-1,3-Dichloropropene
AWB04001AV	AWB04401AV	5/31/2005	ICPP-1829	cis-1,3-Dichloropropene	1	U		UG/L	GRAB	cis-1,3-Dichloropropene
AWB10101AV	AWB10501AV	9/14/2005	ICPP-1829	cis-1,3-Dichloropropene	1	U		UG/L	GRAB	cis-1,3-Dichloropropene
SEMN0201AV	SEMN0101AV	6/24/2003	ICPP-1831	cis-1,3-Dichloropropene	5	U		UG/L	GRAB	cis-1,3-Dichloropropene
SEM10001AV	SEM10001AV	9/23/2003	ICPP-1831	cis-1,3-Dichloropropene	5	U		UG/L	GRAB	cis-1,3-Dichloropropene
SEMN7901AV	SEMN7701AV	12/16/2003	ICPP-1831	cis-1,3-Dichloropropene	1	U		UG/L	GRAB	cis-1,3-Dichloropropylene
AWB00701AV	AWB00702AV	3/29/2004	ICPP-1831	cis-1,3-Dichloropropene	1	U		UG/L	FIELD DUPLICATE	cis-1,3-Dichloropropene
AWB00701AV	AWB00701AV	3/29/2004	ICPP-1831	cis-1,3-Dichloropropene	1	U		UG/L	GRAB	cis-1,3-Dichloropropene
AWB01501AZ	AWB01501AZ	6/1/2004	ICPP-1831	cis-1,3-Dichloropropene	1	U		UG/L	GRAB	cis-1,3-Dichloropropene
AWB02901AV	AWB02301AV	9/7/2004	ICPP-1831	cis-1,3-Dichloropropene	1	U		UG/L	GRAB	cis-1,3-Dichloropropene
AWB03001AV	AWB03001AV	12/21/2004	ICPP-1831	cis-1,3-Dichloropropene	1	U	UJ	UG/L	GRAB	cis-1,3-Dichloropropene
AWB04001AV	AWB04001AV	6/1/2005	ICPP-1831	cis-1,3-Dichloropropene	1	U		UG/L	GRAB	cis-1,3-Dichloropropene
AWB10101AV	AWB10101AV(1)	9/13/2005	ICPP-1831	cis-1,3-Dichloropropene	1	U		UG/L	GRAB	cis-1,3-Dichloropropene
SEMN0201AV	SEMN0001AV	6/25/2003	USGS-123	cis-1,3-Dichloropropene	5	U		UG/L	GRAB	cis-1,3-Dichloropropene
SEM10001AV	SEM10901AV	9/22/2003	USGS-123	cis-1,3-Dichloropropene	5	U		UG/L	GRAB	cis-1,3-Dichloropropene
AWB00701AV	AWB01201AV	3/29/2004	USGS-123	cis-1,3-Dichloropropene	1	U	UJ	UG/L	GRAB	cis-1,3-Dichloropropene
AWB09901AV	AWB02002AV	6/16/2004	USGS-123	cis-1,3-Dichloropropene	1	U		UG/L	FIELD DUPLICATE	cis-1,3-Dichloropropene
AWB09901AV	AWB02001AZ	6/16/2004	USGS-123	cis-1,3-Dichloropropene	1	U		UG/L	GRAB	cis-1,3-Dichloropropene
AWB09901AV	AWB02001AV	6/16/2004	USGS-123	cis-1,3-Dichloropropene	1	U		UG/L	GRAB	cis-1,3-Dichloropropene
AWB03001AV	AWB03502AV	12/20/2004	USGS-123	cis-1,3-Dichloropropene	1	U	UJ	UG/L	FIELD DUPLICATE	cis-1,3-Dichloropropene
AWB03001AV	AWB03501AV	12/20/2004	USGS-123	cis-1,3-Dichloropropene	1	U	UJ	UG/L	GRAB	cis-1,3-Dichloropropene
AWB03901AV	AWB03802AV	3/7/2005	USGS-123	cis-1,3-Dichloropropene	1	U		UG/L	FIELD DUPLICATE	cis-1,3-Dichloropropene
AWB03901AV	AWB03801A2	3/7/2005	USGS-123	cis-1,3-Dichloropropene	1	U		UG/L	GRAB	cis-1,3-Dichloropropene
AWB03901AV	AWB03801AV	3/7/2005	USGS-123	cis-1,3-Dichloropropene	1	U		UG/L	GRAB	cis-1,3-Dichloropropene
AWB04001AV	AWB04502AV	5/31/2005	USGS-123	cis-1,3-Dichloropropene	1	U		UG/L	FIELD DUPLICATE	cis-1,3-Dichloropropene
AWB04001AV	AWB04501AV	5/31/2005	USGS-123	cis-1,3-Dichloropropene	1	U		UG/L	GRAB	cis-1,3-Dichloropropene

Table B-1. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
AWB10101AV	AWB10602AV	9/14/2005	USGS-123	cis-1,3-Dichloropropene	1	U		UG/L	FIELD DUPLICATE	cis-1,3-Dichloropropene
AWB10101AV	AWB10601AV	9/14/2005	USGS-123	cis-1,3-Dichloropropene	1	U		UG/L	GRAB	cis-1,3-Dichloropropene
SEMN7901AV	SEMN7601AV	12/17/2003	USGS-123	cis-1,3-Dichloropropylene	1	U		UG/L	GRAB	cis-1,3-Dichloropropylene
SEMN0201AV	SEMN0202AV	6/24/2003	ICPP-1782	Dibromochloromethane	1	U		UG/L	FIELD DUPLICATE	Dibromochloromethane
SEMN0201AV	SEMN0201AV	6/24/2003	ICPP-1782	Dibromochloromethane	1	U		UG/L	GRAB	Dibromochloromethane
SEM10001AV	SEM10102AV	9/23/2003	ICPP-1782	Dibromochloromethane	1	U		UG/L	FIELD DUPLICATE	Dibromochloromethane
SEM10001AV	SEM10101AV	9/23/2003	ICPP-1782	Dibromochloromethane	1	U		UG/L	GRAB	Dibromochloromethane
SEMN7901AV	SEMN7801AV	12/16/2003	ICPP-1782	Dibromochloromethane	1	U		UG/L	GRAB	Dibromochloromethane
AWB00701AV	AWB00801AZ	3/29/2004	ICPP-1782	Dibromochloromethane	1	U		UG/L	GRAB	Dibromochloromethane
AWB01501AZ	AWB01602AV	6/1/2004	ICPP-1782	Dibromochloromethane	1	U		UG/L	FIELD DUPLICATE	Dibromochloromethane
AWB01501AZ	AWB01601AV	6/1/2004	ICPP-1782	Dibromochloromethane	1	U		UG/L	GRAB	Dibromochloromethane
AWB02901AV	AWB02401AV	9/7/2004	ICPP-1782	Dibromochloromethane	1	U		UG/L	GRAB	Dibromochloromethane
AWB03001AV	AWB03101AV	12/21/2004	ICPP-1782	Dibromochloromethane	1	U		UG/L	GRAB	Dibromochloromethane
AWB04001AV	AWB04101AV	6/1/2005	ICPP-1782	Dibromochloromethane	1	U		UG/L	GRAB	Dibromochloromethane
AWB10101AV	AWB10201AV	9/13/2005	ICPP-1782	Dibromochloromethane	1	U		UG/L	GRAB	Dibromochloromethane
SEMN0201AV	SEMN0301AV	6/24/2003	ICPP-1783	Dibromochloromethane	1	U		UG/L	GRAB	Dibromochloromethane
SEM10001AV	SEM10801AV	9/24/2003	ICPP-1783	Dibromochloromethane	1	U		UG/L	GRAB	Dibromochloromethane
SEMN7901AV	SEMN7901AV	12/16/2003	ICPP-1783	Dibromochloromethane	1	U		UG/L	GRAB	Dibromochloromethane
AWB00701AV	AWB00901AV	3/29/2004	ICPP-1783	Dibromochloromethane	1	U		UG/L	GRAB	Dibromochloromethane
AWB01501AZ	AWB01701AV	6/2/2004	ICPP-1783	Dibromochloromethane	1	U		UG/L	GRAB	Dibromochloromethane
AWB02901AV	AWB02501AV	9/7/2004	ICPP-1783	Dibromochloromethane	1	U		UG/L	GRAB	Dibromochloromethane
AWB03001AV	AWB03201AV	12/21/2004	ICPP-1783	Dibromochloromethane	1	U		UG/L	GRAB	Dibromochloromethane
AWB04001AV	AWB04201AV	6/1/2005	ICPP-1783	Dibromochloromethane	1	U		UG/L	GRAB	Dibromochloromethane
AWB10101AV	AWB10301AV	9/13/2005	ICPP-1783	Dibromochloromethane	1	U		UG/L	GRAB	Dibromochloromethane
SEMN0201AV	SEMN0401AV	6/24/2003	ICPP-1800	Dibromochloromethane	1	U		UG/L	GRAB	Dibromochloromethane
SEM10001AV	SEM10201AV	9/24/2003	ICPP-1800	Dibromochloromethane	1	U		UG/L	GRAB	Dibromochloromethane
SEMN7901AV	SEMN8001AZ	12/17/2003	ICPP-1800	Dibromochloromethane	1	U		UG/L	GRAB	Dibromochloromethane
AWB00701AV	AWB01001AV	3/29/2004	ICPP-1800	Dibromochloromethane	1	U		UG/L	GRAB	Dibromochloromethane
AWB01501AZ	AWB01801AV	6/1/2004	ICPP-1800	Dibromochloromethane	1	U		UG/L	GRAB	Dibromochloromethane
AWB02901AV	AWB02601AZ	9/8/2004	ICPP-1800	Dibromochloromethane	1	U		UG/L	GRAB	Dibromochloromethane
AWB03001AV	AWB03301AZ	12/21/2004	ICPP-1800	Dibromochloromethane	1	U		UG/L	GRAB	Dibromochloromethane
AWB04001AV	AWB04301AV	5/31/2005	ICPP-1800	Dibromochloromethane	1	U		UG/L	GRAB	Dibromochloromethane
AWB10101AV	AWB10401AV	9/13/2005	ICPP-1800	Dibromochloromethane	1	U		UG/L	GRAB	Dibromochloromethane
SEMN0201AV	SEMN0501AZ	6/25/2003	ICPP-1829	Dibromochloromethane	1	U		UG/L	GRAB	Dibromochloromethane
SEM10001AV	SEM10301AZ	9/24/2003	ICPP-1829	Dibromochloromethane	1	U		UG/L	GRAB	Dibromochloromethane
SEMN7901AV	SEMN8102AV	12/17/2003	ICPP-1829	Dibromochloromethane	1	U		UG/L	FIELD DUPLICATE	Dibromochloromethane
SEMN7901AV	SEMN8101AV	12/17/2003	ICPP-1829	Dibromochloromethane	1	U		UG/L	GRAB	Dibromochloromethane
AWB00701AV	AWB01101AV	3/29/2004	ICPP-1829	Dibromochloromethane	1	U	UJ	UG/L	GRAB	Dibromochloromethane
AWB01501AZ	AWB01901AV	6/2/2004	ICPP-1829	Dibromochloromethane	1	U		UG/L	GRAB	Dibromochloromethane
AWB02901AV	AWB02702AV	9/8/2004	ICPP-1829	Dibromochloromethane	1	U		UG/L	FIELD DUPLICATE	Dibromochloromethane
AWB02901AV	AWB02701AV	9/8/2004	ICPP-1829	Dibromochloromethane	1	U		UG/L	GRAB	Dibromochloromethane
AWB03001AV	AWB03401AV	12/21/2004	ICPP-1829	Dibromochloromethane	1	U		UG/L	GRAB	Dibromochloromethane
AWB04001AV	AWB04401AV	5/31/2005	ICPP-1829	Dibromochloromethane	1	U		UG/L	GRAB	Dibromochloromethane
AWB10101AV	AWB10501AV	9/14/2005	ICPP-1829	Dibromochloromethane	1	U		UG/L	GRAB	Dibromochloromethane
SEMN0201AV	SEMN0101AV	6/24/2003	ICPP-1831	Dibromochloromethane	1	U		UG/L	GRAB	Dibromochloromethane
SEM10001AV	SEM10001AV	9/23/2003	ICPP-1831	Dibromochloromethane	1	U		UG/L	GRAB	Dibromochloromethane
SEMN7901AV	SEMN7701AV	12/16/2003	ICPP-1831	Dibromochloromethane	1	U		UG/L	GRAB	Dibromochloromethane
AWB00701AV	AWB00702AV	3/29/2004	ICPP-1831	Dibromochloromethane	1	U		UG/L	FIELD DUPLICATE	Dibromochloromethane
AWB00701AV	AWB00701AV	3/29/2004	ICPP-1831	Dibromochloromethane	1	U		UG/L	GRAB	Dibromochloromethane
AWB01501AZ	AWB01501AZ	6/1/2004	ICPP-1831	Dibromochloromethane	1	U		UG/L	GRAB	Dibromochloromethane
AWB02901AV	AWB02301AV	9/7/2004	ICPP-1831	Dibromochloromethane	1	U		UG/L	GRAB	Dibromochloromethane
AWB03001AV	AWB03001AV	12/21/2004	ICPP-1831	Dibromochloromethane	1	U		UG/L	GRAB	Dibromochloromethane
AWB04001AV	AWB04001AV	6/1/2005	ICPP-1831	Dibromochloromethane	1	U		UG/L	GRAB	Dibromochloromethane
AWB10101AV	AWB10101AV(1)	9/13/2005	ICPP-1831	Dibromochloromethane	1	U		UG/L	GRAB	Dibromochloromethane
SEMN0201AV	SEMN0001AV	6/25/2003	USGS-123	Dibromochloromethane	1	U		UG/L	GRAB	Dibromochloromethane
SEM10001AV	SEM10901AV	9/22/2003	USGS-123	Dibromochloromethane	1	U		UG/L	GRAB	Dibromochloromethane
SEMN7901AV	SEMN7601AV	12/17/2003	USGS-123	Dibromochloromethane	1	U		UG/L	GRAB	Dibromochloromethane

Table B-1. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
AWB00701AV	AWB01201AV	3/29/2004	USGS-123	Dibromochloromethane	1	U	UJ	UG/L	GRAB	Dibromochloromethane
AWB09901AV	AWB02002AV	6/16/2004	USGS-123	Dibromochloromethane	1	U		UG/L	FIELD DUPLICATE	Dibromochloromethane
AWB09901AV	AWB02001AZ	6/16/2004	USGS-123	Dibromochloromethane	1	U		UG/L	GRAB	Dibromochloromethane
AWB09901AV	AWB02001AV	6/16/2004	USGS-123	Dibromochloromethane	1	U		UG/L	GRAB	Dibromochloromethane
AWB03001AV	AWB03502AV	12/20/2004	USGS-123	Dibromochloromethane	1	U		UG/L	FIELD DUPLICATE	Dibromochloromethane
AWB03001AV	AWB03501AV	12/20/2004	USGS-123	Dibromochloromethane	1	U		UG/L	GRAB	Dibromochloromethane
AWB03901AV	AWB03802AV	3/7/2005	USGS-123	Dibromochloromethane	1	U		UG/L	FIELD DUPLICATE	Dibromochloromethane
AWB03901AV	AWB03801A2	3/7/2005	USGS-123	Dibromochloromethane	1	U		UG/L	GRAB	Dibromochloromethane
AWB03901AV	AWB03801AV	3/7/2005	USGS-123	Dibromochloromethane	1	U		UG/L	GRAB	Dibromochloromethane
AWB04001AV	AWB04502AV	5/31/2005	USGS-123	Dibromochloromethane	1	U		UG/L	FIELD DUPLICATE	Dibromochloromethane
AWB04001AV	AWB04501AV	5/31/2005	USGS-123	Dibromochloromethane	1	U		UG/L	GRAB	Dibromochloromethane
AWB10101AV	AWB10602AV	9/14/2005	USGS-123	Dibromochloromethane	1	U		UG/L	FIELD DUPLICATE	Dibromochloromethane
AWB10101AV	AWB10601AV	9/14/2005	USGS-123	Dibromochloromethane	1	U		UG/L	GRAB	Dibromochloromethane
SEMN0201AV	SEMN0202AV	6/24/2003	ICPP-1782	Dibromomethane	1	U		UG/L	FIELD DUPLICATE	Dibromomethane
SEMN0201AV	SEMN0201AV	6/24/2003	ICPP-1782	Dibromomethane	1	U		UG/L	GRAB	Dibromomethane
SEM10001AV	SEM10102AV	9/23/2003	ICPP-1782	Dibromomethane	1	U		UG/L	FIELD DUPLICATE	Dibromomethane
SEM10001AV	SEM10101AV	9/23/2003	ICPP-1782	Dibromomethane	1	U		UG/L	GRAB	Dibromomethane
SEMN7901AV	SEMN7801AV	12/16/2003	ICPP-1782	Dibromomethane	1	U		UG/L	GRAB	Dibromomethane
AWB00701AV	AWB00801AZ	3/29/2004	ICPP-1782	Dibromomethane	1	U		UG/L	GRAB	Dibromomethane
AWB01501AZ	AWB01602AV	6/1/2004	ICPP-1782	Dibromomethane	1	U		UG/L	FIELD DUPLICATE	Dibromomethane
AWB01501AZ	AWB01601AV	6/1/2004	ICPP-1782	Dibromomethane	1	U		UG/L	GRAB	Dibromomethane
AWB02901AV	AWB02401AV	9/7/2004	ICPP-1782	Dibromomethane	1	U		UG/L	GRAB	Dibromomethane
AWB03001AV	AWB03101AV	12/21/2004	ICPP-1782	Dibromomethane	1	U		UG/L	GRAB	Dibromomethane
AWB04001AV	AWB04101AV	6/1/2005	ICPP-1782	Dibromomethane	1	U		UG/L	GRAB	Dibromomethane
AWB10101AV	AWB10201AV	9/13/2005	ICPP-1782	Dibromomethane	1	U		UG/L	GRAB	Dibromomethane
SEMN0201AV	SEMN0301AV	6/24/2003	ICPP-1783	Dibromomethane	1	U		UG/L	GRAB	Dibromomethane
SEM10001AV	SEM10801AV	9/24/2003	ICPP-1783	Dibromomethane	1	U		UG/L	GRAB	Dibromomethane
SEMN7901AV	SEMN7901AV	12/16/2003	ICPP-1783	Dibromomethane	1	U		UG/L	GRAB	Dibromomethane
AWB00701AV	AWB00901AV	3/29/2004	ICPP-1783	Dibromomethane	1	U		UG/L	GRAB	Dibromomethane
AWB01501AZ	AWB01701AV	6/2/2004	ICPP-1783	Dibromomethane	1	U		UG/L	GRAB	Dibromomethane
AWB02901AV	AWB02501AV	9/7/2004	ICPP-1783	Dibromomethane	1	U		UG/L	GRAB	Dibromomethane
AWB03001AV	AWB03201AV	12/21/2004	ICPP-1783	Dibromomethane	1	U		UG/L	GRAB	Dibromomethane
AWB04001AV	AWB04201AV	6/1/2005	ICPP-1783	Dibromomethane	1	U		UG/L	GRAB	Dibromomethane
AWB10101AV	AWB10301AV	9/13/2005	ICPP-1783	Dibromomethane	1	U		UG/L	GRAB	Dibromomethane
SEMN0201AV	SEMN0401AV	6/24/2003	ICPP-1800	Dibromomethane	1	U		UG/L	GRAB	Dibromomethane
SEM10001AV	SEM10201AV	9/24/2003	ICPP-1800	Dibromomethane	1	U		UG/L	GRAB	Dibromomethane
SEMN7901AV	SEMN8001AZ	12/17/2003	ICPP-1800	Dibromomethane	1	U		UG/L	GRAB	Dibromomethane
AWB00701AV	AWB01001AV	3/29/2004	ICPP-1800	Dibromomethane	1	U		UG/L	GRAB	Dibromomethane
AWB01501AZ	AWB01801AV	6/1/2004	ICPP-1800	Dibromomethane	1	U		UG/L	GRAB	Dibromomethane
AWB02901AV	AWB02601AZ	9/8/2004	ICPP-1800	Dibromomethane	1	U		UG/L	GRAB	Dibromomethane
AWB03001AV	AWB03301AZ	12/21/2004	ICPP-1800	Dibromomethane	1	U		UG/L	GRAB	Dibromomethane
AWB04001AV	AWB04301AV	5/31/2005	ICPP-1800	Dibromomethane	1	U		UG/L	GRAB	Dibromomethane
AWB10101AV	AWB10401AV	9/13/2005	ICPP-1800	Dibromomethane	1	U		UG/L	GRAB	Dibromomethane
SEMN0201AV	SEMN0501AZ	6/25/2003	ICPP-1829	Dibromomethane	1	U		UG/L	GRAB	Dibromomethane
SEM10001AV	SEM10301AZ	9/24/2003	ICPP-1829	Dibromomethane	1	U		UG/L	GRAB	Dibromomethane
SEMN7901AV	SEMN8102AV	12/17/2003	ICPP-1829	Dibromomethane	1	U		UG/L	FIELD DUPLICATE	Dibromomethane
SEMN7901AV	SEMN8101AV	12/17/2003	ICPP-1829	Dibromomethane	1	U		UG/L	GRAB	Dibromomethane
AWB00701AV	AWB01101AV	3/29/2004	ICPP-1829	Dibromomethane	1	U	UJ	UG/L	GRAB	Dibromomethane
AWB01501AZ	AWB01901AV	6/2/2004	ICPP-1829	Dibromomethane	1	U		UG/L	GRAB	Dibromomethane
AWB02901AV	AWB02702AV	9/8/2004	ICPP-1829	Dibromomethane	1	U		UG/L	FIELD DUPLICATE	Dibromomethane
AWB02901AV	AWB02701AV	9/8/2004	ICPP-1829	Dibromomethane	1	U		UG/L	GRAB	Dibromomethane
AWB03001AV	AWB03401AV	12/21/2004	ICPP-1829	Dibromomethane	1	U		UG/L	GRAB	Dibromomethane
AWB04001AV	AWB04401AV	5/31/2005	ICPP-1829	Dibromomethane	1	U		UG/L	GRAB	Dibromomethane
AWB10101AV	AWB10501AV	9/14/2005	ICPP-1829	Dibromomethane	1	U		UG/L	GRAB	Dibromomethane
SEMN0201AV	SEMN0101AV	6/24/2003	ICPP-1831	Dibromomethane	1	U		UG/L	GRAB	Dibromomethane
SEM10001AV	SEM10001AV	9/23/2003	ICPP-1831	Dibromomethane	1	U		UG/L	GRAB	Dibromomethane
SEMN7901AV	SEMN7701AV	12/16/2003	ICPP-1831	Dibromomethane	1	U		UG/L	GRAB	Dibromomethane

Table B-1. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
AWB00701AV	AWB00702AV	3/29/2004	ICPP-1831	Dibromomethane	1	U		UG/L	FIELD DUPLICATE	Dibromomethane
AWB00701AV	AWB00701AV	3/29/2004	ICPP-1831	Dibromomethane	1	U		UG/L	GRAB	Dibromomethane
AWB01501AZ	AWB01501AZ	6/1/2004	ICPP-1831	Dibromomethane	1	U		UG/L	GRAB	Dibromomethane
AWB02901AV	AWB02301AV	9/7/2004	ICPP-1831	Dibromomethane	1	U		UG/L	GRAB	Dibromomethane
AWB03001AV	AWB03001AV	12/21/2004	ICPP-1831	Dibromomethane	1	U		UG/L	GRAB	Dibromomethane
AWB04001AV	AWB04001AV	6/1/2005	ICPP-1831	Dibromomethane	1	U		UG/L	GRAB	Dibromomethane
AWB10101AV	AWB10101AV(1)	9/13/2005	ICPP-1831	Dibromomethane	1	U		UG/L	GRAB	Dibromomethane
SEMN0201AV	SEMN0001AV	6/25/2003	USGS-123	Dibromomethane	1	U		UG/L	GRAB	Dibromomethane
SEM10001AV	SEM10901AV	9/22/2003	USGS-123	Dibromomethane	1	U		UG/L	GRAB	Dibromomethane
SEMN7901AV	SEMN7601AV	12/17/2003	USGS-123	Dibromomethane	1	U		UG/L	GRAB	Dibromomethane
AWB00701AV	AWB01201AV	3/29/2004	USGS-123	Dibromomethane	1	U	UJ	UG/L	GRAB	Dibromomethane
AWB09901AV	AWB02002AV	6/16/2004	USGS-123	Dibromomethane	1	U		UG/L	FIELD DUPLICATE	Dibromomethane
AWB09901AV	AWB02001AZ	6/16/2004	USGS-123	Dibromomethane	1	U		UG/L	GRAB	Dibromomethane
AWB09901AV	AWB02001AV	6/16/2004	USGS-123	Dibromomethane	1	U		UG/L	GRAB	Dibromomethane
AWB03001AV	AWB03502AV	12/20/2004	USGS-123	Dibromomethane	1	U		UG/L	FIELD DUPLICATE	Dibromomethane
AWB03001AV	AWB03501AV	12/20/2004	USGS-123	Dibromomethane	1	U		UG/L	GRAB	Dibromomethane
AWB03901AV	AWB03802AV	3/7/2005	USGS-123	Dibromomethane	1	U		UG/L	FIELD DUPLICATE	Dibromomethane
AWB03901AV	AWB03801A2	3/7/2005	USGS-123	Dibromomethane	1	U		UG/L	GRAB	Dibromomethane
AWB03901AV	AWB03801AV	3/7/2005	USGS-123	Dibromomethane	1	U		UG/L	GRAB	Dibromomethane
AWB04001AV	AWB04502AV	5/31/2005	USGS-123	Dibromomethane	1	U		UG/L	FIELD DUPLICATE	Dibromomethane
AWB04001AV	AWB04501AV	5/31/2005	USGS-123	Dibromomethane	1	U		UG/L	GRAB	Dibromomethane
AWB10101AV	AWB10602AV	9/14/2005	USGS-123	Dibromomethane	1	U		UG/L	FIELD DUPLICATE	Dibromomethane
AWB10101AV	AWB10601AV	9/14/2005	USGS-123	Dibromomethane	1	U		UG/L	GRAB	Dibromomethane
SEMN0201AV	SEMN0202AV	6/24/2003	ICPP-1782	Dichlorodifluoromethane	0.1	J		UG/L	FIELD DUPLICATE	Dichlorodifluoromethane
SEMN0201AV	SEMN0201AV	6/24/2003	ICPP-1782	Dichlorodifluoromethane	0.2	J		UG/L	GRAB	Dichlorodifluoromethane
SEM10001AV	SEM10102AV	9/23/2003	ICPP-1782	Dichlorodifluoromethane	5	U		UG/L	FIELD DUPLICATE	Dichlorodifluoromethane
SEM10001AV	SEM10101AV	9/23/2003	ICPP-1782	Dichlorodifluoromethane	5	U		UG/L	GRAB	Dichlorodifluoromethane
SEMN7901AV	SEMN7801AV	12/16/2003	ICPP-1782	Dichlorodifluoromethane	1	U		UG/L	GRAB	Dichlorodifluoromethane
AWB00701AV	AWB00801AZ	3/29/2004	ICPP-1782	Dichlorodifluoromethane	5	U		UG/L	GRAB	Dichlorodifluoromethane
AWB01501AZ	AWB01602AV	6/1/2004	ICPP-1782	Dichlorodifluoromethane	5	U		UG/L	FIELD DUPLICATE	Dichlorodifluoromethane
AWB01501AZ	AWB01601AV	6/1/2004	ICPP-1782	Dichlorodifluoromethane	5	U		UG/L	GRAB	Dichlorodifluoromethane
AWB02901AV	AWB02401AV	9/7/2004	ICPP-1782	Dichlorodifluoromethane	5	U		UG/L	GRAB	Dichlorodifluoromethane
AWB03001AV	AWB03101AV	12/21/2004	ICPP-1782	Dichlorodifluoromethane	5	U		UG/L	GRAB	Dichlorodifluoromethane
AWB04001AV	AWB04101AV	6/1/2005	ICPP-1782	Dichlorodifluoromethane	5	U		UG/L	GRAB	Dichlorodifluoromethane
AWB10101AV	AWB10201AV	9/13/2005	ICPP-1782	Dichlorodifluoromethane	5	U		UG/L	GRAB	Dichlorodifluoromethane
SEMN0201AV	SEMN0301AV	6/24/2003	ICPP-1783	Dichlorodifluoromethane	5	U		UG/L	GRAB	Dichlorodifluoromethane
SEM10001AV	SEM10801AV	9/24/2003	ICPP-1783	Dichlorodifluoromethane	5	U		UG/L	GRAB	Dichlorodifluoromethane
SEMN7901AV	SEMN7901AV	12/16/2003	ICPP-1783	Dichlorodifluoromethane	1	U		UG/L	GRAB	Dichlorodifluoromethane
AWB00701AV	AWB00901AV	3/29/2004	ICPP-1783	Dichlorodifluoromethane	5	U		UG/L	GRAB	Dichlorodifluoromethane
AWB01501AZ	AWB01701AV	6/2/2004	ICPP-1783	Dichlorodifluoromethane	5	U		UG/L	GRAB	Dichlorodifluoromethane
AWB02901AV	AWB02501AV	9/7/2004	ICPP-1783	Dichlorodifluoromethane	5	U		UG/L	GRAB	Dichlorodifluoromethane
AWB03001AV	AWB03201AV	12/21/2004	ICPP-1783	Dichlorodifluoromethane	5	U		UG/L	GRAB	Dichlorodifluoromethane
AWB04001AV	AWB04201AV	6/1/2005	ICPP-1783	Dichlorodifluoromethane	5	U		UG/L	GRAB	Dichlorodifluoromethane
AWB10101AV	AWB10301AV	9/13/2005	ICPP-1783	Dichlorodifluoromethane	5	U		UG/L	GRAB	Dichlorodifluoromethane
SEMN0201AV	SEMN0401AV	6/24/2003	ICPP-1800	Dichlorodifluoromethane	5	U		UG/L	GRAB	Dichlorodifluoromethane
SEM10001AV	SEM10201AV	9/24/2003	ICPP-1800	Dichlorodifluoromethane	5	U		UG/L	GRAB	Dichlorodifluoromethane
SEMN7901AV	SEMN8001AZ	12/17/2003	ICPP-1800	Dichlorodifluoromethane	1	U		UG/L	GRAB	Dichlorodifluoromethane
AWB00701AV	AWB01001AV	3/29/2004	ICPP-1800	Dichlorodifluoromethane	5	U		UG/L	GRAB	Dichlorodifluoromethane
AWB01501AZ	AWB01801AV	6/1/2004	ICPP-1800	Dichlorodifluoromethane	5	U		UG/L	GRAB	Dichlorodifluoromethane
AWB02901AV	AWB02601AZ	9/8/2004	ICPP-1800	Dichlorodifluoromethane	5	U		UG/L	GRAB	Dichlorodifluoromethane
AWB03001AV	AWB03301AZ	12/21/2004	ICPP-1800	Dichlorodifluoromethane	5	U		UG/L	GRAB	Dichlorodifluoromethane
AWB04001AV	AWB04301AV	5/31/2005	ICPP-1800	Dichlorodifluoromethane	5	U		UG/L	GRAB	Dichlorodifluoromethane
AWB10101AV	AWB10401AV	9/13/2005	ICPP-1800	Dichlorodifluoromethane	5	U		UG/L	GRAB	Dichlorodifluoromethane
SEMN0201AV	SEMN0501AZ	6/25/2003	ICPP-1829	Dichlorodifluoromethane	5	U		UG/L	GRAB	Dichlorodifluoromethane
SEM10001AV	SEM10301AZ	9/24/2003	ICPP-1829	Dichlorodifluoromethane	5	U		UG/L	GRAB	Dichlorodifluoromethane
SEMN7901AV	SEMN8102AV	12/17/2003	ICPP-1829	Dichlorodifluoromethane	1	U		UG/L	FIELD DUPLICATE	Dichlorodifluoromethane
SEMN7901AV	SEMN8101AV	12/17/2003	ICPP-1829	Dichlorodifluoromethane	1	U		UG/L	GRAB	Dichlorodifluoromethane
AWB00701AV	AWB01101AV	3/29/2004	ICPP-1829	Dichlorodifluoromethane	5	U	UJ	UG/L	GRAB	Dichlorodifluoromethane
AWB01501AZ	AWB01901AV	6/2/2004	ICPP-1829	Dichlorodifluoromethane	5	U		UG/L	GRAB	Dichlorodifluoromethane

Table B-1. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
AWB02901AV	AWB02702AV	9/8/2004	ICPP-1829	Dichlorodifluoromethane	5	U		UG/L	FIELD DUPLICATE	Dichlorodifluoromethane
AWB02901AV	AWB02701AV	9/8/2004	ICPP-1829	Dichlorodifluoromethane	5	U		UG/L	GRAB	Dichlorodifluoromethane
AWB03001AV	AWB03401AV	12/21/2004	ICPP-1829	Dichlorodifluoromethane	5	U		UG/L	GRAB	Dichlorodifluoromethane
AWB04001AV	AWB04401AV	5/31/2005	ICPP-1829	Dichlorodifluoromethane	5	U		UG/L	GRAB	Dichlorodifluoromethane
AWB10101AV	AWB10501AV	9/14/2005	ICPP-1829	Dichlorodifluoromethane	5	U		UG/L	GRAB	Dichlorodifluoromethane
SEMN0201AV	SEMN0101AV	6/24/2003	ICPP-1831	Dichlorodifluoromethane	5	U		UG/L	GRAB	Dichlorodifluoromethane
SEM10001AV	SEM10001AV	9/23/2003	ICPP-1831	Dichlorodifluoromethane	5	U		UG/L	GRAB	Dichlorodifluoromethane
SEMN7901AV	SEMN7701AV	12/16/2003	ICPP-1831	Dichlorodifluoromethane	1	U		UG/L	GRAB	Dichlorodifluoromethane
AWB00701AV	AWB00702AV	3/29/2004	ICPP-1831	Dichlorodifluoromethane	5	U		UG/L	FIELD DUPLICATE	Dichlorodifluoromethane
AWB00701AV	AWB00701AV	3/29/2004	ICPP-1831	Dichlorodifluoromethane	5	U		UG/L	GRAB	Dichlorodifluoromethane
AWB01501AZ	AWB01501AZ	6/1/2004	ICPP-1831	Dichlorodifluoromethane	5	U		UG/L	GRAB	Dichlorodifluoromethane
AWB02901AV	AWB02301AV	9/7/2004	ICPP-1831	Dichlorodifluoromethane	5	U		UG/L	GRAB	Dichlorodifluoromethane
AWB03001AV	AWB03001AV	12/21/2004	ICPP-1831	Dichlorodifluoromethane	5	U		UG/L	GRAB	Dichlorodifluoromethane
AWB04001AV	AWB04001AV	6/1/2005	ICPP-1831	Dichlorodifluoromethane	5	U		UG/L	GRAB	Dichlorodifluoromethane
AWB10101AV	AWB10101AV(1)	9/13/2005	ICPP-1831	Dichlorodifluoromethane	5	U		UG/L	GRAB	Dichlorodifluoromethane
SEMN0201AV	SEMN0001AV	6/25/2003	USGS-123	Dichlorodifluoromethane	0.1	J		UG/L	GRAB	Dichlorodifluoromethane
SEM10001AV	SEM10901AV	9/22/2003	USGS-123	Dichlorodifluoromethane	5	U		UG/L	GRAB	Dichlorodifluoromethane
SEMN7901AV	SEMN7601AV	12/17/2003	USGS-123	Dichlorodifluoromethane	1	U		UG/L	GRAB	Dichlorodifluoromethane
AWB00701AV	AWB01201AV	3/29/2004	USGS-123	Dichlorodifluoromethane	5	U	UJ	UG/L	GRAB	Dichlorodifluoromethane
AWB09901AV	AWB02002AV	6/16/2004	USGS-123	Dichlorodifluoromethane	5	U		UG/L	FIELD DUPLICATE	Dichlorodifluoromethane
AWB09901AV	AWB02001AZ	6/16/2004	USGS-123	Dichlorodifluoromethane	5	U		UG/L	GRAB	Dichlorodifluoromethane
AWB09901AV	AWB02001AV	6/16/2004	USGS-123	Dichlorodifluoromethane	5	U		UG/L	GRAB	Dichlorodifluoromethane
AWB03001AV	AWB03502AV	12/20/2004	USGS-123	Dichlorodifluoromethane	0.18	J	J	UG/L	FIELD DUPLICATE	Dichlorodifluoromethane
AWB03001AV	AWB03501AV	12/20/2004	USGS-123	Dichlorodifluoromethane	0.19	J	J	UG/L	GRAB	Dichlorodifluoromethane
AWB03901AV	AWB03802AV	3/7/2005	USGS-123	Dichlorodifluoromethane	5	U		UG/L	FIELD DUPLICATE	Dichlorodifluoromethane
AWB03901AV	AWB03801A2	3/7/2005	USGS-123	Dichlorodifluoromethane	5	U		UG/L	GRAB	Dichlorodifluoromethane
AWB03901AV	AWB03801AV	3/7/2005	USGS-123	Dichlorodifluoromethane	5	U		UG/L	GRAB	Dichlorodifluoromethane
AWB04001AV	AWB04502AV	5/31/2005	USGS-123	Dichlorodifluoromethane	5	U		UG/L	FIELD DUPLICATE	Dichlorodifluoromethane
AWB04001AV	AWB04501AV	5/31/2005	USGS-123	Dichlorodifluoromethane	5	U		UG/L	GRAB	Dichlorodifluoromethane
AWB10101AV	AWB10602AV	9/14/2005	USGS-123	Dichlorodifluoromethane	5	U		UG/L	FIELD DUPLICATE	Dichlorodifluoromethane
AWB10101AV	AWB10601AV	9/14/2005	USGS-123	Dichlorodifluoromethane	5	U		UG/L	GRAB	Dichlorodifluoromethane
SEMN0201AV	SEMN0202AV	6/24/2003	ICPP-1782	Ethylbenzene	1	U		UG/L	FIELD DUPLICATE	Ethylbenzene
SEMN0201AV	SEMN0201AV	6/24/2003	ICPP-1782	Ethylbenzene	1	U		UG/L	GRAB	Ethylbenzene
SEM10001AV	SEM10102AV	9/23/2003	ICPP-1782	Ethylbenzene	1	U		UG/L	FIELD DUPLICATE	Ethylbenzene
SEM10001AV	SEM10101AV	9/23/2003	ICPP-1782	Ethylbenzene	1	U		UG/L	GRAB	Ethylbenzene
SEMN7901AV	SEMN7801AV	12/16/2003	ICPP-1782	Ethylbenzene	1	U		UG/L	GRAB	Ethylbenzene
AWB00701AV	AWB00801AZ	3/29/2004	ICPP-1782	Ethylbenzene	1	U		UG/L	GRAB	Ethylbenzene
AWB01501AZ	AWB01602AV	6/1/2004	ICPP-1782	Ethylbenzene	1	U		UG/L	FIELD DUPLICATE	Ethylbenzene
AWB01501AZ	AWB01601AV	6/1/2004	ICPP-1782	Ethylbenzene	1	U		UG/L	GRAB	Ethylbenzene
AWB02901AV	AWB02401AV	9/7/2004	ICPP-1782	Ethylbenzene	1	U		UG/L	GRAB	Ethylbenzene
AWB03001AV	AWB03101AV	12/21/2004	ICPP-1782	Ethylbenzene	1	U		UG/L	GRAB	Ethylbenzene
AWB04001AV	AWB04101AV	6/1/2005	ICPP-1782	Ethylbenzene	1	U		UG/L	GRAB	Ethylbenzene
AWB10101AV	AWB10201AV	9/13/2005	ICPP-1782	Ethylbenzene	1	U		UG/L	GRAB	Ethylbenzene
SEMN0201AV	SEMN0301AV	6/24/2003	ICPP-1783	Ethylbenzene	1	U		UG/L	GRAB	Ethylbenzene
SEM10001AV	SEM10801AV	9/24/2003	ICPP-1783	Ethylbenzene	1	U		UG/L	GRAB	Ethylbenzene
SEMN7901AV	SEMN7901AV	12/16/2003	ICPP-1783	Ethylbenzene	1	U		UG/L	GRAB	Ethylbenzene
AWB00701AV	AWB00901AV	3/29/2004	ICPP-1783	Ethylbenzene	1	U		UG/L	GRAB	Ethylbenzene
AWB01501AZ	AWB01701AV	6/2/2004	ICPP-1783	Ethylbenzene	1	U		UG/L	GRAB	Ethylbenzene
AWB02901AV	AWB02501AV	9/7/2004	ICPP-1783	Ethylbenzene	1	U		UG/L	GRAB	Ethylbenzene
AWB03001AV	AWB03201AV	12/21/2004	ICPP-1783	Ethylbenzene	1	U		UG/L	GRAB	Ethylbenzene
AWB04001AV	AWB04201AV	6/1/2005	ICPP-1783	Ethylbenzene	1	U		UG/L	GRAB	Ethylbenzene
AWB10101AV	AWB10301AV	9/13/2005	ICPP-1783	Ethylbenzene	1	U		UG/L	GRAB	Ethylbenzene
SEMN0201AV	SEMN0401AV	6/24/2003	ICPP-1800	Ethylbenzene	1	U		UG/L	GRAB	Ethylbenzene
SEM10001AV	SEM10201AV	9/24/2003	ICPP-1800	Ethylbenzene	1	U		UG/L	GRAB	Ethylbenzene
SEMN7901AV	SEMN8001AZ	12/17/2003	ICPP-1800	Ethylbenzene	1	U		UG/L	GRAB	Ethylbenzene
AWB00701AV	AWB01001AV	3/29/2004	ICPP-1800	Ethylbenzene	1	U		UG/L	GRAB	Ethylbenzene
AWB01501AZ	AWB01801AV	6/1/2004	ICPP-1800	Ethylbenzene	1	U		UG/L	GRAB	Ethylbenzene

Table B-1. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
AWB02901AV	AWB02601AZ	9/8/2004	ICPP-1800	Ethylbenzene	1	U		UG/L	GRAB	Ethylbenzene
AWB03001AV	AWB03301AZ	12/21/2004	ICPP-1800	Ethylbenzene	1	U		UG/L	GRAB	Ethylbenzene
AWB04001AV	AWB04301AV	5/31/2005	ICPP-1800	Ethylbenzene	1	U		UG/L	GRAB	Ethylbenzene
AWB10101AV	AWB10401AV	9/13/2005	ICPP-1800	Ethylbenzene	1	U		UG/L	GRAB	Ethylbenzene
SEMN0201AV	SEMN0501AZ	6/25/2003	ICPP-1829	Ethylbenzene	1	U		UG/L	GRAB	Ethylbenzene
SEM10001AV	SEM10301AZ	9/24/2003	ICPP-1829	Ethylbenzene	1	U		UG/L	GRAB	Ethylbenzene
SEMN7901AV	SEMN8102AV	12/17/2003	ICPP-1829	Ethylbenzene	1	U		UG/L	FIELD DUPLICATE	Ethylbenzene
SEMN7901AV	SEMN8101AV	12/17/2003	ICPP-1829	Ethylbenzene	1	U		UG/L	GRAB	Ethylbenzene
AWB00701AV	AWB01101AV	3/29/2004	ICPP-1829	Ethylbenzene	1	U	UJ	UG/L	GRAB	Ethylbenzene
AWB01501AZ	AWB01901AV	6/2/2004	ICPP-1829	Ethylbenzene	1	U		UG/L	GRAB	Ethylbenzene
AWB02901AV	AWB02702AV	9/8/2004	ICPP-1829	Ethylbenzene	1	U		UG/L	FIELD DUPLICATE	Ethylbenzene
AWB02901AV	AWB02701AV	9/8/2004	ICPP-1829	Ethylbenzene	1	U		UG/L	GRAB	Ethylbenzene
AWB03001AV	AWB03401AV	12/21/2004	ICPP-1829	Ethylbenzene	1	U		UG/L	GRAB	Ethylbenzene
AWB04001AV	AWB04401AV	5/31/2005	ICPP-1829	Ethylbenzene	1	U		UG/L	GRAB	Ethylbenzene
AWB10101AV	AWB10501AV	9/14/2005	ICPP-1829	Ethylbenzene	1	U		UG/L	GRAB	Ethylbenzene
SEMN0201AV	SEMN0101AV	6/24/2003	ICPP-1831	Ethylbenzene	1	U		UG/L	GRAB	Ethylbenzene
SEM10001AV	SEM10001AV	9/23/2003	ICPP-1831	Ethylbenzene	1	U		UG/L	GRAB	Ethylbenzene
SEMN7901AV	SEMN7701AV	12/16/2003	ICPP-1831	Ethylbenzene	1	U		UG/L	GRAB	Ethylbenzene
AWB00701AV	AWB00702AV	3/29/2004	ICPP-1831	Ethylbenzene	1	U		UG/L	FIELD DUPLICATE	Ethylbenzene
AWB00701AV	AWB00701AV	3/29/2004	ICPP-1831	Ethylbenzene	1	U		UG/L	GRAB	Ethylbenzene
AWB01501AZ	AWB01501AZ	6/1/2004	ICPP-1831	Ethylbenzene	1	U		UG/L	GRAB	Ethylbenzene
AWB02901AV	AWB02301AV	9/7/2004	ICPP-1831	Ethylbenzene	1	U		UG/L	GRAB	Ethylbenzene
AWB03001AV	AWB03001AV	12/21/2004	ICPP-1831	Ethylbenzene	1	U		UG/L	GRAB	Ethylbenzene
AWB04001AV	AWB04001AV	6/1/2005	ICPP-1831	Ethylbenzene	1	U		UG/L	GRAB	Ethylbenzene
AWB10101AV	AWB10101AV(1)	9/13/2005	ICPP-1831	Ethylbenzene	1	U		UG/L	GRAB	Ethylbenzene
SEMN0201AV	SEMN0001AV	6/25/2003	USGS-123	Ethylbenzene	1	U		UG/L	GRAB	Ethylbenzene
SEM10001AV	SEM10901AV	9/22/2003	USGS-123	Ethylbenzene	1	U		UG/L	GRAB	Ethylbenzene
SEMN7901AV	SEMN7601AV	12/17/2003	USGS-123	Ethylbenzene	1	U		UG/L	GRAB	Ethylbenzene
AWB00701AV	AWB01201AV	3/29/2004	USGS-123	Ethylbenzene	1	U	UJ	UG/L	GRAB	Ethylbenzene
AWB09901AV	AWB02002AV	6/16/2004	USGS-123	Ethylbenzene	1	U		UG/L	FIELD DUPLICATE	Ethylbenzene
AWB09901AV	AWB02001AZ	6/16/2004	USGS-123	Ethylbenzene	1	U		UG/L	GRAB	Ethylbenzene
AWB09901AV	AWB02001AV	6/16/2004	USGS-123	Ethylbenzene	1	U		UG/L	GRAB	Ethylbenzene
AWB03001AV	AWB03502AV	12/20/2004	USGS-123	Ethylbenzene	1	U		UG/L	FIELD DUPLICATE	Ethylbenzene
AWB03001AV	AWB03501AV	12/20/2004	USGS-123	Ethylbenzene	1	U		UG/L	GRAB	Ethylbenzene
AWB03901AV	AWB03802AV	3/7/2005	USGS-123	Ethylbenzene	1	U		UG/L	FIELD DUPLICATE	Ethylbenzene
AWB03901AV	AWB03801A2	3/7/2005	USGS-123	Ethylbenzene	1	U		UG/L	GRAB	Ethylbenzene
AWB03901AV	AWB03801AV	3/7/2005	USGS-123	Ethylbenzene	1	U		UG/L	GRAB	Ethylbenzene
AWB04001AV	AWB04502AV	5/31/2005	USGS-123	Ethylbenzene	1	U		UG/L	FIELD DUPLICATE	Ethylbenzene
AWB04001AV	AWB04501AV	5/31/2005	USGS-123	Ethylbenzene	1	U		UG/L	GRAB	Ethylbenzene
AWB10101AV	AWB10602AV	9/14/2005	USGS-123	Ethylbenzene	1	U		UG/L	FIELD DUPLICATE	Ethylbenzene
AWB10101AV	AWB10601AV	9/14/2005	USGS-123	Ethylbenzene	1	U		UG/L	GRAB	Ethylbenzene
SEMN0201AV	SEMN0001AV	6/25/2003	USGS-123	Iodomethane	5	U		UG/L	GRAB	Iodomethane
SEM10001AV	SEM10901AV(1)	9/22/2003	USGS-123	Iodomethane	5	U		UG/L	GRAB	Iodomethane
SEMN7901AV	SEMN7601AV	12/17/2003	USGS-123	Iodomethane	5	U		UG/L	GRAB	Iodomethane
SEMN0201AV	SEMN0202AV	6/24/2003	ICPP-1782	Isobutyl alcohol	10	U	R	UG/L	FIELD DUPLICATE	Isobutyl alcohol
SEMN0201AV	SEMN0201AV	6/24/2003	ICPP-1782	Isobutyl alcohol	10	U	R	UG/L	GRAB	Isobutyl alcohol
SEM10001AV	SEM10102AV(1)	9/23/2003	ICPP-1782	Isobutyl alcohol	10	U		UG/L	FIELD DUPLICATE	Isobutyl alcohol
SEM10001AV	SEM10101AV(1)	9/23/2003	ICPP-1782	Isobutyl alcohol	10	U		UG/L	GRAB	Isobutyl alcohol
SEMN7901AV	SEMN7801AV	12/16/2003	ICPP-1782	Isobutyl alcohol	50	U	R	UG/L	GRAB	Isobutyl alcohol
AWB00701AV	AWB00801AZ	3/29/2004	ICPP-1782	Isobutyl alcohol	10	U	R	UG/L	GRAB	Isobutyl alcohol
AWB01501AZ	AWB01602AV	6/1/2004	ICPP-1782	Isobutyl alcohol	10	U	R	UG/L	FIELD DUPLICATE	Isobutyl alcohol
AWB01501AZ	AWB01601AV	6/1/2004	ICPP-1782	Isobutyl alcohol	10	U	R	UG/L	GRAB	Isobutyl alcohol
AWB02901AV	AWB02401AV	9/7/2004	ICPP-1782	Isobutyl alcohol	10	U	R	UG/L	GRAB	Isobutyl alcohol
AWB03001AV	AWB03101AV	12/21/2004	ICPP-1782	Isobutyl alcohol	10	U	R	UG/L	GRAB	Isobutyl alcohol
AWB04001AV	AWB04101AV	6/1/2005	ICPP-1782	Isobutyl alcohol	10	U	R	UG/L	GRAB	Isobutyl alcohol
AWB10101AV	AWB10201AV	9/13/2005	ICPP-1782	Isobutyl alcohol	10	U		UG/L	GRAB	Isobutyl alcohol
SEMN0201AV	SEMN0301AV	6/24/2003	ICPP-1783	Isobutyl alcohol	10	U	R	UG/L	GRAB	Isobutyl alcohol
SEM10001AV	SEM10801AV(1)	9/24/2003	ICPP-1783	Isobutyl alcohol	10	U		UG/L	GRAB	Isobutyl alcohol
SEMN7901AV	SEMN7901AV	12/16/2003	ICPP-1783	Isobutyl alcohol	50	U	R	UG/L	GRAB	Isobutyl alcohol

Table B-1. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
AWB00701AV	AWB00901AV	3/29/2004	ICPP-1783	Isobutyl alcohol	10	U	R	UG/L	GRAB	Isobutyl alcohol
AWB01501AZ	AWB01701AV	6/2/2004	ICPP-1783	Isobutyl alcohol	10	U	R	UG/L	GRAB	Isobutyl alcohol
AWB02901AV	AWB02501AV	9/7/2004	ICPP-1783	Isobutyl alcohol	10	U	R	UG/L	GRAB	Isobutyl alcohol
AWB03001AV	AWB03201AV	12/21/2004	ICPP-1783	Isobutyl alcohol	10	U	R	UG/L	GRAB	Isobutyl alcohol
AWB04001AV	AWB04201AV	6/1/2005	ICPP-1783	Isobutyl alcohol	10	U	R	UG/L	GRAB	Isobutyl alcohol
AWB10101AV	AWB10301AV	9/13/2005	ICPP-1783	Isobutyl alcohol	10	U		UG/L	GRAB	Isobutyl alcohol
SEMN0201AV	SEMN0401AV	6/24/2003	ICPP-1800	Isobutyl alcohol	10	U	R	UG/L	GRAB	Isobutyl alcohol
SEM10001AV	SEM10201AV(1)	9/24/2003	ICPP-1800	Isobutyl alcohol	10	U		UG/L	GRAB	Isobutyl alcohol
SEMN7901AV	SEMN8001AZ	12/17/2003	ICPP-1800	Isobutyl alcohol	50	U	R	UG/L	GRAB	Isobutyl alcohol
AWB00701AV	AWB01001AV	3/29/2004	ICPP-1800	Isobutyl alcohol	10	U	R	UG/L	GRAB	Isobutyl alcohol
AWB01501AZ	AWB01801AV	6/1/2004	ICPP-1800	Isobutyl alcohol	10	U	R	UG/L	GRAB	Isobutyl alcohol
AWB02901AV	AWB02601AZ	9/8/2004	ICPP-1800	Isobutyl alcohol	10	U	R	UG/L	GRAB	Isobutyl alcohol
AWB03001AV	AWB03301AZ	12/21/2004	ICPP-1800	Isobutyl alcohol	10	U	R	UG/L	GRAB	Isobutyl alcohol
AWB04001AV	AWB04301AV	5/31/2005	ICPP-1800	Isobutyl alcohol	10	U	R	UG/L	GRAB	Isobutyl alcohol
AWB10101AV	AWB10401AV	9/13/2005	ICPP-1800	Isobutyl alcohol	10	U		UG/L	GRAB	Isobutyl alcohol
SEMN0201AV	SEMN0501AZ	6/25/2003	ICPP-1829	Isobutyl alcohol	10	U	R	UG/L	GRAB	Isobutyl alcohol
SEM10001AV	SEM10301AZ(1)	9/24/2003	ICPP-1829	Isobutyl alcohol	10	U		UG/L	GRAB	Isobutyl alcohol
SEMN7901AV	SEMN8102AV	12/17/2003	ICPP-1829	Isobutyl alcohol	50	U	R	UG/L	FIELD DUPLICATE	Isobutyl alcohol
SEMN7901AV	SEMN8101AV	12/17/2003	ICPP-1829	Isobutyl alcohol	50	U	R	UG/L	GRAB	Isobutyl alcohol
AWB00701AV	AWB01101AV	3/29/2004	ICPP-1829	Isobutyl alcohol	10	U	R	UG/L	GRAB	Isobutyl alcohol
AWB01501AZ	AWB01901AV	6/2/2004	ICPP-1829	Isobutyl alcohol	10	U	R	UG/L	GRAB	Isobutyl alcohol
AWB02901AV	AWB02702AV	9/8/2004	ICPP-1829	Isobutyl alcohol	10	U	R	UG/L	FIELD DUPLICATE	Isobutyl alcohol
AWB02901AV	AWB02701AV	9/8/2004	ICPP-1829	Isobutyl alcohol	10	U	R	UG/L	GRAB	Isobutyl alcohol
AWB03001AV	AWB03401AV	12/21/2004	ICPP-1829	Isobutyl alcohol	10	U	R	UG/L	GRAB	Isobutyl alcohol
AWB04001AV	AWB04401AV	5/31/2005	ICPP-1829	Isobutyl alcohol	10	U	R	UG/L	GRAB	Isobutyl alcohol
AWB10101AV	AWB10501AV	9/14/2005	ICPP-1829	Isobutyl alcohol	10	U		UG/L	GRAB	Isobutyl alcohol
SEMN0201AV	SEMN0101AV	6/24/2003	ICPP-1831	Isobutyl alcohol	10	U	R	UG/L	GRAB	Isobutyl alcohol
SEM10001AV	SEM10001AV(1)	9/23/2003	ICPP-1831	Isobutyl alcohol	10	U		UG/L	GRAB	Isobutyl alcohol
SEMN7901AV	SEMN7701AV	12/16/2003	ICPP-1831	Isobutyl alcohol	50	U	R	UG/L	GRAB	Isobutyl alcohol
AWB00701AV	AWB00702AV	3/29/2004	ICPP-1831	Isobutyl alcohol	10	U	R	UG/L	FIELD DUPLICATE	Isobutyl alcohol
AWB00701AV	AWB00701AV	3/29/2004	ICPP-1831	Isobutyl alcohol	10	U	R	UG/L	GRAB	Isobutyl alcohol
AWB01501AZ	AWB01501AZ	6/1/2004	ICPP-1831	Isobutyl alcohol	10	U	R	UG/L	GRAB	Isobutyl alcohol
AWB02901AV	AWB02301AV	9/7/2004	ICPP-1831	Isobutyl alcohol	10	U	R	UG/L	GRAB	Isobutyl alcohol
AWB03001AV	AWB03001AV	12/21/2004	ICPP-1831	Isobutyl alcohol	10	U	R	UG/L	GRAB	Isobutyl alcohol
AWB04001AV	AWB04001AV	6/1/2005	ICPP-1831	Isobutyl alcohol	10	U	R	UG/L	GRAB	Isobutyl alcohol
AWB10101AV	AWB10101AV(1)	9/13/2005	ICPP-1831	Isobutyl alcohol	10	U		UG/L	GRAB	Isobutyl alcohol
SEMN0201AV	SEMN0001AV	6/25/2003	USGS-123	Isobutyl alcohol	10	U	R	UG/L	GRAB	Isobutyl alcohol
SEM10001AV	SEM10901AV(1)	9/22/2003	USGS-123	Isobutyl alcohol	10	U		UG/L	GRAB	Isobutyl alcohol
SEMN7901AV	SEMN7601AV	12/17/2003	USGS-123	Isobutyl alcohol	50	U	R	UG/L	GRAB	Isobutyl alcohol
AWB00701AV	AWB01201AV	3/29/2004	USGS-123	Isobutyl alcohol	10	U	R	UG/L	GRAB	Isobutyl alcohol
AWB09901AV	AWB02002AV	6/16/2004	USGS-123	Isobutyl alcohol	10	U	R	UG/L	FIELD DUPLICATE	Isobutyl alcohol
AWB09901AV	AWB02001AZ	6/16/2004	USGS-123	Isobutyl alcohol	10	U	R	UG/L	GRAB	Isobutyl alcohol
AWB09901AV	AWB02001AV	6/16/2004	USGS-123	Isobutyl alcohol	10	U	R	UG/L	GRAB	Isobutyl alcohol
AWB03001AV	AWB03502AV	12/20/2004	USGS-123	Isobutyl alcohol	10	U	R	UG/L	FIELD DUPLICATE	Isobutyl alcohol
AWB03001AV	AWB03501AV	12/20/2004	USGS-123	Isobutyl alcohol	10	U	R	UG/L	GRAB	Isobutyl alcohol
AWB03901AV	AWB03802AV	3/7/2005	USGS-123	Isobutyl alcohol	10	U	R	UG/L	FIELD DUPLICATE	Isobutyl alcohol
AWB03901AV	AWB03801A2	3/7/2005	USGS-123	Isobutyl alcohol	10	U	R	UG/L	GRAB	Isobutyl alcohol
AWB03901AV	AWB03801AV	3/7/2005	USGS-123	Isobutyl alcohol	10	U	R	UG/L	GRAB	Isobutyl alcohol
AWB04001AV	AWB04502AV	5/31/2005	USGS-123	Isobutyl alcohol	10	U	R	UG/L	FIELD DUPLICATE	Isobutyl alcohol
AWB04001AV	AWB04501AV	5/31/2005	USGS-123	Isobutyl alcohol	10	U	R	UG/L	GRAB	Isobutyl alcohol
AWB10101AV	AWB10602AV	9/14/2005	USGS-123	Isobutyl alcohol	10	U		UG/L	FIELD DUPLICATE	Isobutyl alcohol
AWB10101AV	AWB10601AV	9/14/2005	USGS-123	Isobutyl alcohol	10	U		UG/L	GRAB	Isobutyl alcohol
AWB00701AV	AWB01201AV	3/29/2004	USGS-123	Methacrylonitrile	1	U	R	UG/L	GRAB	Methacrylonitrile
AWB03901AV	AWB03802AV	3/7/2005	USGS-123	Methyl acrylonitrile	1	U	R	UG/L	FIELD DUPLICATE	Methyl acrylonitrile
AWB03901AV	AWB03801A2	3/7/2005	USGS-123	Methyl acrylonitrile	1	U	R	UG/L	GRAB	Methyl acrylonitrile
AWB03901AV	AWB03801AV	3/7/2005	USGS-123	Methyl acrylonitrile	1	U	R	UG/L	GRAB	Methyl acrylonitrile

Table B-1. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
SEMN0201AV	SEMN0202AV	6/24/2003	ICPP-1782	Methyl iodide	5	U		UG/L	FIELD DUPLICATE	Iodomethane
SEMN0201AV	SEMN0201AV	6/24/2003	ICPP-1782	Methyl iodide	5	U		UG/L	GRAB	Iodomethane
SEM10001AV	SEM10102AV(1)	9/23/2003	ICPP-1782	Methyl iodide	5	U		UG/L	FIELD DUPLICATE	Iodomethane
SEM10001AV	SEM10101AV(1)	9/23/2003	ICPP-1782	Methyl iodide	5	U		UG/L	GRAB	Iodomethane
SEMN7901AV	SEMN7801AV	12/16/2003	ICPP-1782	Methyl iodide	5	U		UG/L	GRAB	Iodomethane
AWB00701AV	AWB00801AZ	3/29/2004	ICPP-1782	Methyl iodide	5	U	UJ	UG/L	GRAB	Methyl iodide
AWB01501AZ	AWB01602AV	6/1/2004	ICPP-1782	Methyl iodide	5	U	UJ	UG/L	FIELD DUPLICATE	Methyl iodide
AWB01501AZ	AWB01601AV	6/1/2004	ICPP-1782	Methyl iodide	5	U	UJ	UG/L	GRAB	Methyl iodide
AWB02901AV	AWB02401AV	9/7/2004	ICPP-1782	Methyl iodide	5	U		UG/L	GRAB	Methyl iodide
AWB03001AV	AWB03101AV	12/21/2004	ICPP-1782	Methyl iodide	5		U	UG/L	GRAB	Methyl iodide
AWB04001AV	AWB04101AV	6/1/2005	ICPP-1782	Methyl iodide	5	U		UG/L	GRAB	Methyl iodide
AWB10101AV	AWB10201AV	9/13/2005	ICPP-1782	Methyl iodide	5	U		UG/L	GRAB	Methyl iodide
SEMN0201AV	SEMN0301AV	6/24/2003	ICPP-1783	Methyl iodide	5	U		UG/L	GRAB	Iodomethane
SEM10001AV	SEM10801AV(1)	9/24/2003	ICPP-1783	Methyl iodide	5	U		UG/L	GRAB	Iodomethane
SEMN7901AV	SEMN7901AV	12/16/2003	ICPP-1783	Methyl iodide	5	U		UG/L	GRAB	Iodomethane
AWB00701AV	AWB00901AV	3/29/2004	ICPP-1783	Methyl iodide	5	U	UJ	UG/L	GRAB	Methyl iodide
AWB01501AZ	AWB01701AV	6/2/2004	ICPP-1783	Methyl iodide	5	U	UJ	UG/L	GRAB	Methyl iodide
AWB02901AV	AWB02501AV	9/7/2004	ICPP-1783	Methyl iodide	5	U		UG/L	GRAB	Methyl iodide
AWB03001AV	AWB03201AV	12/21/2004	ICPP-1783	Methyl iodide	5		U	UG/L	GRAB	Methyl iodide
AWB04001AV	AWB04201AV	6/1/2005	ICPP-1783	Methyl iodide	5	U		UG/L	GRAB	Methyl iodide
AWB10101AV	AWB10301AV	9/13/2005	ICPP-1783	Methyl iodide	5	U		UG/L	GRAB	Methyl iodide
SEMN0201AV	SEMN0401AV	6/24/2003	ICPP-1800	Methyl iodide	5	U		UG/L	GRAB	Iodomethane
SEM10001AV	SEM10201AV(1)	9/24/2003	ICPP-1800	Methyl iodide	5	U		UG/L	GRAB	Iodomethane
SEMN7901AV	SEMN8001AZ	12/17/2003	ICPP-1800	Methyl iodide	5	U		UG/L	GRAB	Iodomethane
AWB00701AV	AWB01001AV	3/29/2004	ICPP-1800	Methyl iodide	5	U	UJ	UG/L	GRAB	Methyl iodide
AWB01501AZ	AWB01801AV	6/1/2004	ICPP-1800	Methyl iodide	5	U	UJ	UG/L	GRAB	Methyl iodide
AWB02901AV	AWB02601AZ	9/8/2004	ICPP-1800	Methyl iodide	5	U		UG/L	GRAB	Methyl iodide
AWB03001AV	AWB03301AZ	12/21/2004	ICPP-1800	Methyl iodide	5		U	UG/L	GRAB	Methyl iodide
AWB04001AV	AWB04301AV	5/31/2005	ICPP-1800	Methyl iodide	5	U		UG/L	GRAB	Methyl iodide
AWB10101AV	AWB10401AV	9/13/2005	ICPP-1800	Methyl iodide	5	U		UG/L	GRAB	Methyl iodide
SEMN0201AV	SEMN0501AZ	6/25/2003	ICPP-1829	Methyl iodide	5	U		UG/L	GRAB	Iodomethane
SEM10001AV	SEM10301AZ(1)	9/24/2003	ICPP-1829	Methyl iodide	5	U		UG/L	GRAB	Iodomethane
SEMN7901AV	SEMN8102AV	12/17/2003	ICPP-1829	Methyl iodide	5	U		UG/L	FIELD DUPLICATE	Iodomethane
SEMN7901AV	SEMN8101AV	12/17/2003	ICPP-1829	Methyl iodide	5	U		UG/L	GRAB	Iodomethane
AWB00701AV	AWB01101AV	3/29/2004	ICPP-1829	Methyl iodide	5	U	UJ	UG/L	GRAB	Methyl iodide
AWB01501AZ	AWB01901AV	6/2/2004	ICPP-1829	Methyl iodide	5	U	UJ	UG/L	GRAB	Methyl iodide
AWB02901AV	AWB02702AV	9/8/2004	ICPP-1829	Methyl iodide	5	U		UG/L	FIELD DUPLICATE	Methyl iodide
AWB02901AV	AWB02701AV	9/8/2004	ICPP-1829	Methyl iodide	5	U		UG/L	GRAB	Methyl iodide
AWB03001AV	AWB03401AV	12/21/2004	ICPP-1829	Methyl iodide	5		U	UG/L	GRAB	Methyl iodide
AWB04001AV	AWB04401AV	5/31/2005	ICPP-1829	Methyl iodide	5	U		UG/L	GRAB	Methyl iodide
AWB10101AV	AWB10501AV	9/14/2005	ICPP-1829	Methyl iodide	5	U		UG/L	GRAB	Methyl iodide
SEMN0201AV	SEMN0101AV	6/24/2003	ICPP-1831	Methyl iodide	5	U		UG/L	GRAB	Iodomethane
SEM10001AV	SEM10001AV(1)	9/23/2003	ICPP-1831	Methyl iodide	5	U		UG/L	GRAB	Iodomethane
SEMN7901AV	SEMN7701AV	12/16/2003	ICPP-1831	Methyl iodide	5	U		UG/L	GRAB	Iodomethane
AWB00701AV	AWB00702AV	3/29/2004	ICPP-1831	Methyl iodide	5	U	UJ	UG/L	FIELD DUPLICATE	Methyl iodide
AWB00701AV	AWB00701AV	3/29/2004	ICPP-1831	Methyl iodide	5	U	UJ	UG/L	GRAB	Methyl iodide
AWB01501AZ	AWB01501AZ	6/1/2004	ICPP-1831	Methyl iodide	5	U	UJ	UG/L	GRAB	Methyl iodide
AWB02901AV	AWB02301AV	9/7/2004	ICPP-1831	Methyl iodide	5	U		UG/L	GRAB	Methyl iodide
AWB03001AV	AWB03001AV	12/21/2004	ICPP-1831	Methyl iodide	5		U	UG/L	GRAB	Methyl iodide
AWB04001AV	AWB04001AV	6/1/2005	ICPP-1831	Methyl iodide	5	U		UG/L	GRAB	Methyl iodide
AWB10101AV	AWB10101AV(1)	9/13/2005	ICPP-1831	Methyl iodide	5	U		UG/L	GRAB	Methyl iodide
AWB00701AV	AWB01201AV	3/29/2004	USGS-123	Methyl iodide	5	U	UJ	UG/L	GRAB	Methyl iodide
AWB09901AV	AWB02002AV	6/16/2004	USGS-123	Methyl iodide	5	U	UJ	UG/L	FIELD DUPLICATE	Methyl iodide
AWB09901AV	AWB02001AZ	6/16/2004	USGS-123	Methyl iodide	5	U	UJ	UG/L	GRAB	Methyl iodide
AWB09901AV	AWB02001AV	6/16/2004	USGS-123	Methyl iodide	5	U	UJ	UG/L	GRAB	Methyl iodide
AWB03001AV	AWB03502AV	12/20/2004	USGS-123	Methyl iodide	5		U	UG/L	FIELD DUPLICATE	Methyl iodide

Table B-1. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
AWB03001AV	AWB03501AV	12/20/2004	USGS-123	Methyl iodide	5		U	UG/L	GRAB	Methyl iodide
AWB03901AV	AWB03802AV	3/7/2005	USGS-123	Methyl iodide	5	U	UJ	UG/L	FIELD DUPLICATE	Methyl iodide
AWB03901AV	AWB03801A2	3/7/2005	USGS-123	Methyl iodide	5	U	UJ	UG/L	GRAB	Methyl iodide
AWB03901AV	AWB03801AV	3/7/2005	USGS-123	Methyl iodide	5	U	UJ	UG/L	GRAB	Methyl iodide
AWB04001AV	AWB04502AV	5/31/2005	USGS-123	Methyl iodide	5	U		UG/L	FIELD DUPLICATE	Methyl iodide
AWB04001AV	AWB04501AV	5/31/2005	USGS-123	Methyl iodide	5	U		UG/L	GRAB	Methyl iodide
AWB10101AV	AWB10602AV	9/14/2005	USGS-123	Methyl iodide	5	U		UG/L	FIELD DUPLICATE	Methyl iodide
AWB10101AV	AWB10601AV	9/14/2005	USGS-123	Methyl iodide	5	U		UG/L	GRAB	Methyl iodide
SEMN0201AV	SEMN0202AV	6/24/2003	ICPP-1782	Methylacrylonitrile	1	U	R	UG/L	FIELD DUPLICATE	Methacrylonitrile
SEMN0201AV	SEMN0201AV	6/24/2003	ICPP-1782	Methylacrylonitrile	1	U	R	UG/L	GRAB	Methacrylonitrile
SEM10001AV	SEM10102AV(1)	9/23/2003	ICPP-1782	Methylacrylonitrile	1	U		UG/L	FIELD DUPLICATE	Methacrylonitrile
SEM10001AV	SEM10101AV(1)	9/23/2003	ICPP-1782	Methylacrylonitrile	1	U		UG/L	GRAB	Methacrylonitrile
SEMN7901AV	SEMN7801AV	12/16/2003	ICPP-1782	Methylacrylonitrile	5	U		UG/L	GRAB	Methacrylonitrile
AWB00701AV	AWB00801AZ	3/29/2004	ICPP-1782	Methylacrylonitrile	1	U	R	UG/L	GRAB	Methacrylonitrile
AWB01501AZ	AWB01602AV	6/1/2004	ICPP-1782	Methylacrylonitrile	1	U		UG/L	FIELD DUPLICATE	Methacrylonitrile
AWB01501AZ	AWB01601AV	6/1/2004	ICPP-1782	Methylacrylonitrile	1	U		UG/L	GRAB	Methacrylonitrile
AWB02901AV	AWB02401AV	9/7/2004	ICPP-1782	Methylacrylonitrile	1	U	R	UG/L	GRAB	Methacrylonitrile
AWB03001AV	AWB03101AV	12/21/2004	ICPP-1782	Methylacrylonitrile	1	U		UG/L	GRAB	Methyl acrylonitrile
AWB04001AV	AWB04101AV	6/1/2005	ICPP-1782	Methylacrylonitrile	1	U	R	UG/L	GRAB	Methyl acrylonitrile
AWB10101AV	AWB10201AV	9/13/2005	ICPP-1782	Methylacrylonitrile	1	U		UG/L	GRAB	Methyl acrylonitrile
SEMN0201AV	SEMN0301AV	6/24/2003	ICPP-1783	Methylacrylonitrile	1	U	R	UG/L	GRAB	Methacrylonitrile
SEM10001AV	SEM10801AV(1)	9/24/2003	ICPP-1783	Methylacrylonitrile	1	U		UG/L	GRAB	Methacrylonitrile
SEMN7901AV	SEMN7901AV	12/16/2003	ICPP-1783	Methylacrylonitrile	5	U		UG/L	GRAB	Methacrylonitrile
AWB00701AV	AWB00901AV	3/29/2004	ICPP-1783	Methylacrylonitrile	1	U	R	UG/L	GRAB	Methacrylonitrile
AWB01501AZ	AWB01701AV	6/2/2004	ICPP-1783	Methylacrylonitrile	1	U		UG/L	GRAB	Methacrylonitrile
AWB02901AV	AWB02501AV	9/7/2004	ICPP-1783	Methylacrylonitrile	1	U	R	UG/L	GRAB	Methacrylonitrile
AWB03001AV	AWB03201AV	12/21/2004	ICPP-1783	Methylacrylonitrile	1	U		UG/L	GRAB	Methyl acrylonitrile
AWB04001AV	AWB04201AV	6/1/2005	ICPP-1783	Methylacrylonitrile	1	U	R	UG/L	GRAB	Methyl acrylonitrile
AWB10101AV	AWB10301AV	9/13/2005	ICPP-1783	Methylacrylonitrile	1	U		UG/L	GRAB	Methyl acrylonitrile
SEMN0201AV	SEMN0401AV	6/24/2003	ICPP-1800	Methylacrylonitrile	1	U	R	UG/L	GRAB	Methacrylonitrile
SEM10001AV	SEM10201AV(1)	9/24/2003	ICPP-1800	Methylacrylonitrile	1	U		UG/L	GRAB	Methacrylonitrile
SEMN7901AV	SEMN8001AZ	12/17/2003	ICPP-1800	Methylacrylonitrile	5	U		UG/L	GRAB	Methacrylonitrile
AWB00701AV	AWB01001AV	3/29/2004	ICPP-1800	Methylacrylonitrile	1	U	R	UG/L	GRAB	Methacrylonitrile
AWB01501AZ	AWB01801AV	6/1/2004	ICPP-1800	Methylacrylonitrile	1	U		UG/L	GRAB	Methacrylonitrile
AWB02901AV	AWB02601AZ	9/8/2004	ICPP-1800	Methylacrylonitrile	1	U	R	UG/L	GRAB	Methacrylonitrile
AWB03001AV	AWB03301AZ	12/21/2004	ICPP-1800	Methylacrylonitrile	1	U		UG/L	GRAB	Methyl acrylonitrile
AWB04001AV	AWB04301AV	5/31/2005	ICPP-1800	Methylacrylonitrile	1	U	R	UG/L	GRAB	Methyl acrylonitrile
AWB10101AV	AWB10401AV	9/13/2005	ICPP-1800	Methylacrylonitrile	1	U		UG/L	GRAB	Methyl acrylonitrile
SEMN0201AV	SEMN0501AZ	6/25/2003	ICPP-1829	Methylacrylonitrile	1	U	R	UG/L	GRAB	Methacrylonitrile
SEM10001AV	SEM10301AZ(1)	9/24/2003	ICPP-1829	Methylacrylonitrile	1	U		UG/L	GRAB	Methacrylonitrile
SEMN7901AV	SEMN8102AV	12/17/2003	ICPP-1829	Methylacrylonitrile	5	U		UG/L	FIELD DUPLICATE	Methacrylonitrile
SEMN7901AV	SEMN8101AV	12/17/2003	ICPP-1829	Methylacrylonitrile	5	U		UG/L	GRAB	Methacrylonitrile
AWB00701AV	AWB01101AV	3/29/2004	ICPP-1829	Methylacrylonitrile	1	U	R	UG/L	GRAB	Methacrylonitrile
AWB01501AZ	AWB01901AV	6/2/2004	ICPP-1829	Methylacrylonitrile	1	U		UG/L	GRAB	Methacrylonitrile
AWB02901AV	AWB02702AV	9/8/2004	ICPP-1829	Methylacrylonitrile	1	U	R	UG/L	FIELD DUPLICATE	Methacrylonitrile
AWB02901AV	AWB02701AV	9/8/2004	ICPP-1829	Methylacrylonitrile	1	U	R	UG/L	GRAB	Methacrylonitrile
AWB03001AV	AWB03401AV	12/21/2004	ICPP-1829	Methylacrylonitrile	1	U		UG/L	GRAB	Methyl acrylonitrile
AWB04001AV	AWB04401AV	5/31/2005	ICPP-1829	Methylacrylonitrile	1	U	R	UG/L	GRAB	Methyl acrylonitrile
AWB10101AV	AWB10501AV	9/14/2005	ICPP-1829	Methylacrylonitrile	1	U		UG/L	GRAB	Methyl acrylonitrile
SEMN0201AV	SEMN0101AV	6/24/2003	ICPP-1831	Methylacrylonitrile	1	U	R	UG/L	GRAB	Methacrylonitrile
SEM10001AV	SEM10001AV(1)	9/23/2003	ICPP-1831	Methylacrylonitrile	1	U		UG/L	GRAB	Methacrylonitrile
SEMN7901AV	SEMN7701AV	12/16/2003	ICPP-1831	Methylacrylonitrile	5	U		UG/L	GRAB	Methacrylonitrile
AWB00701AV	AWB00702AV	3/29/2004	ICPP-1831	Methylacrylonitrile	1	U	R	UG/L	FIELD DUPLICATE	Methacrylonitrile
AWB00701AV	AWB00701AV	3/29/2004	ICPP-1831	Methylacrylonitrile	1	U	R	UG/L	GRAB	Methacrylonitrile
AWB01501AZ	AWB01501AZ	6/1/2004	ICPP-1831	Methylacrylonitrile	1	U		UG/L	GRAB	Methacrylonitrile
AWB02901AV	AWB02301AV	9/7/2004	ICPP-1831	Methylacrylonitrile	1	U	R	UG/L	GRAB	Methacrylonitrile

Table B-1. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
AWB03001AV	AWB03001AV	12/21/2004	ICPP-1831	Methylacrylonitrile	1	U		UG/L	GRAB	Methyl acrylonitrile
AWB04001AV	AWB04001AV	6/1/2005	ICPP-1831	Methylacrylonitrile	1	U	R	UG/L	GRAB	Methyl acrylonitrile
AWB10101AV	AWB10101AV(1)	9/13/2005	ICPP-1831	Methylacrylonitrile	1	U		UG/L	GRAB	Methyl acrylonitrile
SEMN0201AV	SEMN0001AV	6/25/2003	USGS-123	Methylacrylonitrile	1	U	R	UG/L	GRAB	Methacrylonitrile
SEM10001AV	SEM10901AV(1)	9/22/2003	USGS-123	Methylacrylonitrile	1	U		UG/L	GRAB	Methacrylonitrile
SEMN7901AV	SEMN7601AV	12/17/2003	USGS-123	Methylacrylonitrile	5	U		UG/L	GRAB	Methacrylonitrile
AWB09901AV	AWB02002AV	6/16/2004	USGS-123	Methylacrylonitrile	1	U		UG/L	FIELD DUPLICATE	Methacrylonitrile
AWB09901AV	AWB02001AZ	6/16/2004	USGS-123	Methylacrylonitrile	1	U		UG/L	GRAB	Methacrylonitrile
AWB09901AV	AWB02001AV	6/16/2004	USGS-123	Methylacrylonitrile	1	U		UG/L	GRAB	Methacrylonitrile
AWB03001AV	AWB03502AV	12/20/2004	USGS-123	Methylacrylonitrile	1	U		UG/L	FIELD DUPLICATE	Methyl acrylonitrile
AWB03001AV	AWB03501AV	12/20/2004	USGS-123	Methylacrylonitrile	1	U		UG/L	GRAB	Methyl acrylonitrile
AWB04001AV	AWB04502AV	5/31/2005	USGS-123	Methylacrylonitrile	1	U	R	UG/L	FIELD DUPLICATE	Methyl acrylonitrile
AWB04001AV	AWB04501AV	5/31/2005	USGS-123	Methylacrylonitrile	1	U	R	UG/L	GRAB	Methyl acrylonitrile
AWB10101AV	AWB10602AV	9/14/2005	USGS-123	Methylacrylonitrile	1	U		UG/L	FIELD DUPLICATE	Methyl acrylonitrile
AWB10101AV	AWB10601AV	9/14/2005	USGS-123	Methylacrylonitrile	1	U		UG/L	GRAB	Methyl acrylonitrile
SEMN0201AV	SEMN0202AV	6/24/2003	ICPP-1782	Methylene Chloride	1	U		UG/L	FIELD DUPLICATE	Methylene Chloride
SEMN0201AV	SEMN0201AV	6/24/2003	ICPP-1782	Methylene Chloride	1	U		UG/L	GRAB	Methylene Chloride
SEM10001AV	SEM10102AV	9/23/2003	ICPP-1782	Methylene Chloride	1	U		UG/L	FIELD DUPLICATE	Methylene Chloride
SEM10001AV	SEM10101AV	9/23/2003	ICPP-1782	Methylene Chloride	1	U		UG/L	GRAB	Methylene Chloride
SEMN7901AV	SEMN7801AV	12/16/2003	ICPP-1782	Methylene Chloride	5	U		UG/L	GRAB	Methylene Chloride
AWB00701AV	AWB00801AZ	3/29/2004	ICPP-1782	Methylene Chloride	1	U	UJ	UG/L	GRAB	Methylene Chloride
AWB01501AZ	AWB01602AV	6/1/2004	ICPP-1782	Methylene Chloride	1	U		UG/L	FIELD DUPLICATE	Methylene Chloride
AWB01501AZ	AWB01601AV	6/1/2004	ICPP-1782	Methylene Chloride	1	U		UG/L	GRAB	Methylene Chloride
AWB02901AV	AWB02401AV	9/7/2004	ICPP-1782	Methylene Chloride	1	U		UG/L	GRAB	Methylene Chloride
AWB03001AV	AWB03101AV	12/21/2004	ICPP-1782	Methylene Chloride	1	U		UG/L	GRAB	Methylene Chloride
AWB04001AV	AWB04101AV	6/1/2005	ICPP-1782	Methylene Chloride	1	U		UG/L	GRAB	Methylene Chloride
AWB10101AV	AWB10201AV	9/13/2005	ICPP-1782	Methylene Chloride	1	U		UG/L	GRAB	Methylene Chloride
SEMN0201AV	SEMN0301AV	6/24/2003	ICPP-1783	Methylene Chloride	1	U		UG/L	GRAB	Methylene Chloride
SEM10001AV	SEM10801AV	9/24/2003	ICPP-1783	Methylene Chloride	1	U		UG/L	GRAB	Methylene Chloride
SEMN7901AV	SEMN7901AV	12/16/2003	ICPP-1783	Methylene Chloride	5	U		UG/L	GRAB	Methylene Chloride
AWB00701AV	AWB00901AV	3/29/2004	ICPP-1783	Methylene Chloride	1	U	UJ	UG/L	GRAB	Methylene Chloride
AWB01501AZ	AWB01701AV	6/2/2004	ICPP-1783	Methylene Chloride	1	U		UG/L	GRAB	Methylene Chloride
AWB02901AV	AWB02501AV	9/7/2004	ICPP-1783	Methylene Chloride	1	U		UG/L	GRAB	Methylene Chloride
AWB03001AV	AWB03201AV	12/21/2004	ICPP-1783	Methylene Chloride	1	U		UG/L	GRAB	Methylene Chloride
AWB04001AV	AWB04201AV	6/1/2005	ICPP-1783	Methylene Chloride	1	U		UG/L	GRAB	Methylene Chloride
AWB10101AV	AWB10301AV	9/13/2005	ICPP-1783	Methylene Chloride	1	U		UG/L	GRAB	Methylene Chloride
SEMN0201AV	SEMN0401AV	6/24/2003	ICPP-1800	Methylene Chloride	1	U		UG/L	GRAB	Methylene Chloride
SEM10001AV	SEM10201AV	9/24/2003	ICPP-1800	Methylene Chloride	1	U		UG/L	GRAB	Methylene Chloride
SEMN7901AV	SEMN8001AZ	12/17/2003	ICPP-1800	Methylene Chloride	5	U		UG/L	GRAB	Methylene Chloride
AWB00701AV	AWB01001AV	3/29/2004	ICPP-1800	Methylene Chloride	1	U	UJ	UG/L	GRAB	Methylene Chloride
AWB01501AZ	AWB01801AV	6/1/2004	ICPP-1800	Methylene Chloride	1	U		UG/L	GRAB	Methylene Chloride
AWB02901AV	AWB02601AZ	9/8/2004	ICPP-1800	Methylene Chloride	1	U		UG/L	GRAB	Methylene Chloride
AWB03001AV	AWB03301AZ	12/21/2004	ICPP-1800	Methylene Chloride	1	U		UG/L	GRAB	Methylene Chloride
AWB04001AV	AWB04301AV	5/31/2005	ICPP-1800	Methylene Chloride	1	U		UG/L	GRAB	Methylene Chloride
AWB10101AV	AWB10401AV	9/13/2005	ICPP-1800	Methylene Chloride	1	U		UG/L	GRAB	Methylene Chloride
SEMN0201AV	SEMN0501AZ	6/25/2003	ICPP-1829	Methylene Chloride	1	U		UG/L	GRAB	Methylene Chloride
SEM10001AV	SEM10301AZ	9/24/2003	ICPP-1829	Methylene Chloride	1	U		UG/L	GRAB	Methylene Chloride
SEMN7901AV	SEMN8102AV	12/17/2003	ICPP-1829	Methylene Chloride	5	U		UG/L	FIELD DUPLICATE	Methylene Chloride
SEMN7901AV	SEMN8101AV	12/17/2003	ICPP-1829	Methylene Chloride	5	U		UG/L	GRAB	Methylene Chloride
AWB00701AV	AWB01101AV	3/29/2004	ICPP-1829	Methylene Chloride	1	U	UJ	UG/L	GRAB	Methylene Chloride
AWB01501AZ	AWB01901AV	6/2/2004	ICPP-1829	Methylene Chloride	1	U		UG/L	GRAB	Methylene Chloride
AWB02901AV	AWB02702AV	9/8/2004	ICPP-1829	Methylene Chloride	1	U		UG/L	FIELD DUPLICATE	Methylene Chloride
AWB02901AV	AWB02701AV	9/8/2004	ICPP-1829	Methylene Chloride	1	U		UG/L	GRAB	Methylene Chloride
AWB03001AV	AWB03401AV	12/21/2004	ICPP-1829	Methylene Chloride	1	U		UG/L	GRAB	Methylene Chloride
AWB04001AV	AWB04401AV	5/31/2005	ICPP-1829	Methylene Chloride	1	U		UG/L	GRAB	Methylene Chloride
AWB10101AV	AWB10501AV	9/14/2005	ICPP-1829	Methylene Chloride	1	U		UG/L	GRAB	Methylene Chloride

Table B-1. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
SEMN0201AV	SEMN0101AV	6/24/2003	ICPP-1831	Methylene Chloride	1	U		UG/L	GRAB	Methylene Chloride
SEM10001AV	SEM10001AV	9/23/2003	ICPP-1831	Methylene Chloride	1	U		UG/L	GRAB	Methylene Chloride
SEMN7901AV	SEMN7701AV	12/16/2003	ICPP-1831	Methylene Chloride	5	U		UG/L	GRAB	Methylene Chloride
AWB00701AV	AWB00702AV	3/29/2004	ICPP-1831	Methylene Chloride	1	U	UJ	UG/L	FIELD DUPLICATE	Methylene Chloride
AWB00701AV	AWB00701AV	3/29/2004	ICPP-1831	Methylene Chloride	1	U	UJ	UG/L	GRAB	Methylene Chloride
AWB01501AZ	AWB01501AZ	6/1/2004	ICPP-1831	Methylene Chloride	1	U		UG/L	GRAB	Methylene Chloride
AWB02901AV	AWB02301AV	9/7/2004	ICPP-1831	Methylene Chloride	1	U		UG/L	GRAB	Methylene Chloride
AWB03001AV	AWB03001AV	12/21/2004	ICPP-1831	Methylene Chloride	1	U		UG/L	GRAB	Methylene Chloride
AWB04001AV	AWB04001AV	6/1/2005	ICPP-1831	Methylene Chloride	1	U		UG/L	GRAB	Methylene Chloride
AWB10101AV	AWB10101AV(1)	9/13/2005	ICPP-1831	Methylene Chloride	1	U		UG/L	GRAB	Methylene Chloride
SEMN0201AV	SEMN0001AV	6/25/2003	USGS-123	Methylene Chloride	1	U		UG/L	GRAB	Methylene Chloride
SEM10001AV	SEM10901AV	9/22/2003	USGS-123	Methylene chloride	1	U		UG/L	GRAB	Methylene Chloride
SEMN7901AV	SEMN7601AV	12/17/2003	USGS-123	Methylene Chloride	5	U		UG/L	GRAB	Methylene Chloride
AWB00701AV	AWB01201AV	3/29/2004	USGS-123	Methylene Chloride	1	U	UJ	UG/L	GRAB	Methylene Chloride
AWB09901AV	AWB02002AV	6/16/2004	USGS-123	Methylene Chloride	1	U		UG/L	FIELD DUPLICATE	Methylene Chloride
AWB09901AV	AWB02001AZ	6/16/2004	USGS-123	Methylene Chloride	1	U		UG/L	GRAB	Methylene Chloride
AWB09901AV	AWB02001AV	6/16/2004	USGS-123	Methylene Chloride	1	U		UG/L	GRAB	Methylene Chloride
AWB03001AV	AWB03502AV	12/20/2004	USGS-123	Methylene Chloride	1	U		UG/L	FIELD DUPLICATE	Methylene Chloride
AWB03001AV	AWB03501AV	12/20/2004	USGS-123	Methylene Chloride	1	U		UG/L	GRAB	Methylene Chloride
AWB03901AV	AWB03802AV	3/7/2005	USGS-123	Methylene Chloride	1	U	UJ	UG/L	FIELD DUPLICATE	Methylene Chloride
AWB03901AV	AWB03801A2	3/7/2005	USGS-123	Methylene Chloride	1	U	UJ	UG/L	GRAB	Methylene Chloride
AWB03901AV	AWB03801AV	3/7/2005	USGS-123	Methylene Chloride	1	U	UJ	UG/L	GRAB	Methylene Chloride
AWB04001AV	AWB04502AV	5/31/2005	USGS-123	Methylene Chloride	1	U		UG/L	FIELD DUPLICATE	Methylene Chloride
AWB04001AV	AWB04501AV	5/31/2005	USGS-123	Methylene Chloride	1	U		UG/L	GRAB	Methylene Chloride
AWB10101AV	AWB10602AV	9/14/2005	USGS-123	Methylene chloride	1	U		UG/L	FIELD DUPLICATE	Methylene Chloride
AWB10101AV	AWB10601AV	9/14/2005	USGS-123	Methylene chloride	1	U		UG/L	GRAB	Methylene Chloride
SEMN0201AV	SEMN0202AV	6/24/2003	ICPP-1782	Propionitrile	5	U	R	UG/L	FIELD DUPLICATE	Propionitrile
SEMN0201AV	SEMN0201AV	6/24/2003	ICPP-1782	Propionitrile	5	U	R	UG/L	GRAB	Propionitrile
SEM10001AV	SEM10102AV(1)	9/23/2003	ICPP-1782	Propionitrile	5	U		UG/L	FIELD DUPLICATE	Propionitrile
SEM10001AV	SEM10101AV(1)	9/23/2003	ICPP-1782	Propionitrile	5	U		UG/L	GRAB	Propionitrile
SEMN7901AV	SEMN7801AV	12/16/2003	ICPP-1782	Propionitrile	5	U	R	UG/L	GRAB	Propionitrile
AWB00701AV	AWB00801AZ	3/29/2004	ICPP-1782	Propionitrile	5	U	R	UG/L	GRAB	Propionitrile
AWB01501AZ	AWB01602AV	6/1/2004	ICPP-1782	Propionitrile	5	U		UG/L	FIELD DUPLICATE	Propionitrile
AWB01501AZ	AWB01601AV	6/1/2004	ICPP-1782	Propionitrile	5	U		UG/L	GRAB	Propionitrile
AWB02901AV	AWB02401AV	9/7/2004	ICPP-1782	Propionitrile	5	U	R	UG/L	GRAB	Propionitrile
AWB03001AV	AWB03101AV	12/21/2004	ICPP-1782	Propionitrile	5	U	R	UG/L	GRAB	Propionitrile
AWB04001AV	AWB04101AV	6/1/2005	ICPP-1782	Propionitrile	5	U	R	UG/L	GRAB	Propionitrile
AWB10101AV	AWB10201AV	9/13/2005	ICPP-1782	Propionitrile	5	U	R	UG/L	GRAB	Propionitrile
SEMN0201AV	SEMN0301AV	6/24/2003	ICPP-1783	Propionitrile	5	U	R	UG/L	GRAB	Propionitrile
SEM10001AV	SEM10801AV(1)	9/24/2003	ICPP-1783	Propionitrile	5	U	R	UG/L	GRAB	Propionitrile
SEMN7901AV	SEMN7901AV	12/16/2003	ICPP-1783	Propionitrile	5	U	R	UG/L	GRAB	Propionitrile
AWB00701AV	AWB00901AV	3/29/2004	ICPP-1783	Propionitrile	5	U	R	UG/L	GRAB	Propionitrile
AWB01501AZ	AWB01701AV	6/2/2004	ICPP-1783	Propionitrile	5	U		UG/L	GRAB	Propionitrile
AWB02901AV	AWB02501AV	9/7/2004	ICPP-1783	Propionitrile	5	U	R	UG/L	GRAB	Propionitrile
AWB03001AV	AWB03201AV	12/21/2004	ICPP-1783	Propionitrile	5	U	R	UG/L	GRAB	Propionitrile
AWB04001AV	AWB04201AV	6/1/2005	ICPP-1783	Propionitrile	5	U	R	UG/L	GRAB	Propionitrile
AWB10101AV	AWB10301AV	9/13/2005	ICPP-1783	Propionitrile	5	U	R	UG/L	GRAB	Propionitrile
SEMN0201AV	SEMN0401AV	6/24/2003	ICPP-1800	Propionitrile	5	U	R	UG/L	GRAB	Propionitrile
SEM10001AV	SEM10201AV(1)	9/24/2003	ICPP-1800	Propionitrile	5	U	R	UG/L	GRAB	Propionitrile
SEMN7901AV	SEMN8001AZ	12/17/2003	ICPP-1800	Propionitrile	5	U	R	UG/L	GRAB	Propionitrile
AWB00701AV	AWB01001AV	3/29/2004	ICPP-1800	Propionitrile	5	U	R	UG/L	GRAB	Propionitrile
AWB01501AZ	AWB01801AV	6/1/2004	ICPP-1800	Propionitrile	5	U		UG/L	GRAB	Propionitrile
AWB02901AV	AWB02601AZ	9/8/2004	ICPP-1800	Propionitrile	5	U	R	UG/L	GRAB	Propionitrile
AWB03001AV	AWB03301AZ	12/21/2004	ICPP-1800	Propionitrile	5	U	R	UG/L	GRAB	Propionitrile
AWB04001AV	AWB04301AV	5/31/2005	ICPP-1800	Propionitrile	5	U	R	UG/L	GRAB	Propionitrile
AWB10101AV	AWB10401AV	9/13/2005	ICPP-1800	Propionitrile	5	U	R	UG/L	GRAB	Propionitrile

Table B-1. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
SEMN0201AV	SEMN0501AZ	6/25/2003	ICPP-1829	Propionitrile	5	U	R	UG/L	GRAB	Propionitrile
SEM10001AV	SEM10301AZ(1)	9/24/2003	ICPP-1829	Propionitrile	5	U		UG/L	GRAB	Propionitrile
SEMN7901AV	SEMN8102AV	12/17/2003	ICPP-1829	Propionitrile	5	U	R	UG/L	FIELD DUPLICATE	Propionitrile
SEMN7901AV	SEMN8101AV	12/17/2003	ICPP-1829	Propionitrile	5	U	R	UG/L	GRAB	Propionitrile
AWB00701AV	AWB01101AV	3/29/2004	ICPP-1829	Propionitrile	5	U	R	UG/L	GRAB	Propionitrile
AWB01501AZ	AWB01901AV	6/2/2004	ICPP-1829	Propionitrile	5	U		UG/L	GRAB	Propionitrile
AWB02901AV	AWB02702AV	9/8/2004	ICPP-1829	Propionitrile	5	U	R	UG/L	FIELD DUPLICATE	Propionitrile
AWB02901AV	AWB02701AV	9/8/2004	ICPP-1829	Propionitrile	5	U	R	UG/L	GRAB	Propionitrile
AWB03001AV	AWB03401AV	12/21/2004	ICPP-1829	Propionitrile	5	U	R	UG/L	GRAB	Propionitrile
AWB04001AV	AWB04401AV	5/31/2005	ICPP-1829	Propionitrile	5	U	R	UG/L	GRAB	Propionitrile
AWB10101AV	AWB10501AV	9/14/2005	ICPP-1829	Propionitrile	5	U	R	UG/L	GRAB	Propionitrile
SEMN0201AV	SEMN0101AV	6/24/2003	ICPP-1831	Propionitrile	5	U	R	UG/L	GRAB	Propionitrile
SEM10001AV	SEM10001AV(1)	9/23/2003	ICPP-1831	Propionitrile	5	U	R	UG/L	GRAB	Propionitrile
SEMN7901AV	SEMN7701AV	12/16/2003	ICPP-1831	Propionitrile	5	U	R	UG/L	GRAB	Propionitrile
AWB00701AV	AWB00702AV	3/29/2004	ICPP-1831	Propionitrile	5	U	R	UG/L	FIELD DUPLICATE	Propionitrile
AWB00701AV	AWB00701AV	3/29/2004	ICPP-1831	Propionitrile	5	U	R	UG/L	GRAB	Propionitrile
AWB01501AZ	AWB01501AZ	6/1/2004	ICPP-1831	Propionitrile	5	U		UG/L	GRAB	Propionitrile
AWB02901AV	AWB02301AV	9/7/2004	ICPP-1831	Propionitrile	5	U	R	UG/L	GRAB	Propionitrile
AWB03001AV	AWB03001AV	12/21/2004	ICPP-1831	Propionitrile	5	U	R	UG/L	GRAB	Propionitrile
AWB04001AV	AWB04001AV	6/1/2005	ICPP-1831	Propionitrile	5	U	R	UG/L	GRAB	Propionitrile
AWB10101AV	AWB10101AV(1)	9/13/2005	ICPP-1831	Propionitrile	5	U	R	UG/L	GRAB	Propionitrile
SEMN0201AV	SEMN0001AV	6/25/2003	USGS-123	Propionitrile	5	U	R	UG/L	GRAB	Propionitrile
SEM10001AV	SEM10901AV(1)	9/22/2003	USGS-123	Propionitrile	5	U	R	UG/L	GRAB	Propionitrile
SEMN7901AV	SEMN7601AV	12/17/2003	USGS-123	Propionitrile	5	U	R	UG/L	GRAB	Propionitrile
AWB00701AV	AWB01201AV	3/29/2004	USGS-123	Propionitrile	5	U	R	UG/L	GRAB	Propionitrile
AWB09901AV	AWB02002AV	6/16/2004	USGS-123	Propionitrile	5	U	R	UG/L	FIELD DUPLICATE	Propionitrile
AWB09901AV	AWB02001AZ	6/16/2004	USGS-123	Propionitrile	5	U	R	UG/L	GRAB	Propionitrile
AWB09901AV	AWB02001AV	6/16/2004	USGS-123	Propionitrile	5	U	R	UG/L	GRAB	Propionitrile
AWB03001AV	AWB03502AV	12/20/2004	USGS-123	Propionitrile	5	U	R	UG/L	FIELD DUPLICATE	Propionitrile
AWB03001AV	AWB03501AV	12/20/2004	USGS-123	Propionitrile	5	U	R	UG/L	GRAB	Propionitrile
AWB03901AV	AWB03802AV	3/7/2005	USGS-123	Propionitrile	5	U	R	UG/L	FIELD DUPLICATE	Propionitrile
AWB03901AV	AWB03801A2	3/7/2005	USGS-123	Propionitrile	5	U	R	UG/L	GRAB	Propionitrile
AWB03901AV	AWB03801AV	3/7/2005	USGS-123	Propionitrile	5	U	R	UG/L	GRAB	Propionitrile
AWB04001AV	AWB04502AV	5/31/2005	USGS-123	Propionitrile	5	U	R	UG/L	FIELD DUPLICATE	Propionitrile
AWB04001AV	AWB04501AV	5/31/2005	USGS-123	Propionitrile	5	U	R	UG/L	GRAB	Propionitrile
AWB10101AV	AWB10602AV	9/14/2005	USGS-123	Propionitrile	5	U	R	UG/L	FIELD DUPLICATE	Propionitrile
AWB10101AV	AWB10601AV	9/14/2005	USGS-123	Propionitrile	5	U	R	UG/L	GRAB	Propionitrile
SEMN0201AV	SEMN0202AV	6/24/2003	ICPP-1782	Styrene	1	U		UG/L	FIELD DUPLICATE	Styrene
SEMN0201AV	SEMN0201AV	6/24/2003	ICPP-1782	Styrene	1	U		UG/L	GRAB	Styrene
SEM10001AV	SEM10102AV	9/23/2003	ICPP-1782	Styrene	1	U		UG/L	FIELD DUPLICATE	Styrene
SEM10001AV	SEM10101AV	9/23/2003	ICPP-1782	Styrene	1	U		UG/L	GRAB	Styrene
SEMN7901AV	SEMN7801AV	12/16/2003	ICPP-1782	Styrene	1	U		UG/L	GRAB	Styrene
AWB00701AV	AWB00801AZ	3/29/2004	ICPP-1782	Styrene	1	U		UG/L	GRAB	Styrene
AWB01501AZ	AWB01602AV	6/1/2004	ICPP-1782	Styrene	1	U		UG/L	FIELD DUPLICATE	Styrene
AWB01501AZ	AWB01601AV	6/1/2004	ICPP-1782	Styrene	1	U		UG/L	GRAB	Styrene
AWB02901AV	AWB02401AV	9/7/2004	ICPP-1782	Styrene	1	U		UG/L	GRAB	Styrene
AWB03001AV	AWB03101AV	12/21/2004	ICPP-1782	Styrene	1	U		UG/L	GRAB	Styrene
AWB04001AV	AWB04101AV	6/1/2005	ICPP-1782	Styrene	1	U		UG/L	GRAB	Styrene
AWB10101AV	AWB10201AV	9/13/2005	ICPP-1782	Styrene	1	U		UG/L	GRAB	Styrene
SEMN0201AV	SEMN0301AV	6/24/2003	ICPP-1783	Styrene	1	U		UG/L	GRAB	Styrene
SEM10001AV	SEM10801AV	9/24/2003	ICPP-1783	Styrene	1	U		UG/L	GRAB	Styrene
SEMN7901AV	SEMN7901AV	12/16/2003	ICPP-1783	Styrene	1	U		UG/L	GRAB	Styrene
AWB00701AV	AWB00901AV	3/29/2004	ICPP-1783	Styrene	1	U		UG/L	GRAB	Styrene
AWB01501AZ	AWB01701AV	6/2/2004	ICPP-1783	Styrene	1	U		UG/L	GRAB	Styrene

Table B-1. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
AWB02901AV	AWB02501AV	9/7/2004	ICPP-1783	Styrene	1	U		UG/L	GRAB	Styrene
AWB03001AV	AWB03201AV	12/21/2004	ICPP-1783	Styrene	1	U		UG/L	GRAB	Styrene
AWB04001AV	AWB04201AV	6/1/2005	ICPP-1783	Styrene	1	U		UG/L	GRAB	Styrene
AWB10101AV	AWB10301AV	9/13/2005	ICPP-1783	Styrene	1	U		UG/L	GRAB	Styrene
SEMN0201AV	SEMN0401AV	6/24/2003	ICPP-1800	Styrene	1	U		UG/L	GRAB	Styrene
SEM10001AV	SEM10201AV	9/24/2003	ICPP-1800	Styrene	1	U		UG/L	GRAB	Styrene
SEMN7901AV	SEMN8001AZ	12/17/2003	ICPP-1800	Styrene	1	U		UG/L	GRAB	Styrene
AWB00701AV	AWB01001AV	3/29/2004	ICPP-1800	Styrene	1	U		UG/L	GRAB	Styrene
AWB01501AZ	AWB01801AV	6/1/2004	ICPP-1800	Styrene	1	U		UG/L	GRAB	Styrene
AWB02901AV	AWB02601AZ	9/8/2004	ICPP-1800	Styrene	1	U		UG/L	GRAB	Styrene
AWB03001AV	AWB03301AZ	12/21/2004	ICPP-1800	Styrene	1	U		UG/L	GRAB	Styrene
AWB04001AV	AWB04301AV	5/31/2005	ICPP-1800	Styrene	1	U		UG/L	GRAB	Styrene
AWB10101AV	AWB10401AV	9/13/2005	ICPP-1800	Styrene	1	U		UG/L	GRAB	Styrene
SEMN0201AV	SEMN0501AZ	6/25/2003	ICPP-1829	Styrene	1	U		UG/L	GRAB	Styrene
SEM10001AV	SEM10301AZ	9/24/2003	ICPP-1829	Styrene	1	U		UG/L	GRAB	Styrene
SEMN7901AV	SEMN8102AV	12/17/2003	ICPP-1829	Styrene	1	U		UG/L	FIELD DUPLICATE	Styrene
SEMN7901AV	SEMN8101AV	12/17/2003	ICPP-1829	Styrene	1	U		UG/L	GRAB	Styrene
AWB00701AV	AWB01101AV	3/29/2004	ICPP-1829	Styrene	1	U	UJ	UG/L	GRAB	Styrene
AWB01501AZ	AWB01901AV	6/2/2004	ICPP-1829	Styrene	1	U		UG/L	GRAB	Styrene
AWB02901AV	AWB02702AV	9/8/2004	ICPP-1829	Styrene	1	U		UG/L	FIELD DUPLICATE	Styrene
AWB02901AV	AWB02701AV	9/8/2004	ICPP-1829	Styrene	1	U		UG/L	GRAB	Styrene
AWB03001AV	AWB03401AV	12/21/2004	ICPP-1829	Styrene	1	U		UG/L	GRAB	Styrene
AWB04001AV	AWB04401AV	5/31/2005	ICPP-1829	Styrene	1	U		UG/L	GRAB	Styrene
AWB10101AV	AWB10501AV	9/14/2005	ICPP-1829	Styrene	1	U		UG/L	GRAB	Styrene
SEMN0201AV	SEMN0101AV	6/24/2003	ICPP-1831	Styrene	1	U		UG/L	GRAB	Styrene
SEM10001AV	SEM10001AV	9/23/2003	ICPP-1831	Styrene	1	U		UG/L	GRAB	Styrene
SEMN7901AV	SEMN7701AV	12/16/2003	ICPP-1831	Styrene	1	U		UG/L	GRAB	Styrene
AWB00701AV	AWB00702AV	3/29/2004	ICPP-1831	Styrene	1	U		UG/L	FIELD DUPLICATE	Styrene
AWB00701AV	AWB00701AV	3/29/2004	ICPP-1831	Styrene	1	U		UG/L	GRAB	Styrene
AWB01501AZ	AWB01501AZ	6/1/2004	ICPP-1831	Styrene	1	U		UG/L	GRAB	Styrene
AWB02901AV	AWB02301AV	9/7/2004	ICPP-1831	Styrene	1	U		UG/L	GRAB	Styrene
AWB03001AV	AWB03001AV	12/21/2004	ICPP-1831	Styrene	1	U		UG/L	GRAB	Styrene
AWB04001AV	AWB04001AV	6/1/2005	ICPP-1831	Styrene	1	U		UG/L	GRAB	Styrene
AWB10101AV	AWB10101AV(1)	9/13/2005	ICPP-1831	Styrene	1	U		UG/L	GRAB	Styrene
SEMN0201AV	SEMN0001AV	6/25/2003	USGS-123	Styrene	1	U		UG/L	GRAB	Styrene
SEM10001AV	SEM10901AV	9/22/2003	USGS-123	Styrene	1	U		UG/L	GRAB	Styrene
SEMN7901AV	SEMN7601AV	12/17/2003	USGS-123	Styrene	1	U		UG/L	GRAB	Styrene
AWB00701AV	AWB01201AV	3/29/2004	USGS-123	Styrene	1	U	UJ	UG/L	GRAB	Styrene
AWB09901AV	AWB02002AV	6/16/2004	USGS-123	Styrene	1	U		UG/L	FIELD DUPLICATE	Styrene
AWB09901AV	AWB02001AZ	6/16/2004	USGS-123	Styrene	1	U		UG/L	GRAB	Styrene
AWB09901AV	AWB02001AV	6/16/2004	USGS-123	Styrene	1	U		UG/L	GRAB	Styrene
AWB03001AV	AWB03502AV	12/20/2004	USGS-123	Styrene	1	U		UG/L	FIELD DUPLICATE	Styrene
AWB03001AV	AWB03501AV	12/20/2004	USGS-123	Styrene	1	U		UG/L	GRAB	Styrene
AWB03901AV	AWB03802AV	3/7/2005	USGS-123	Styrene	1	U		UG/L	FIELD DUPLICATE	Styrene
AWB03901AV	AWB03801A2	3/7/2005	USGS-123	Styrene	1	U		UG/L	GRAB	Styrene
AWB03901AV	AWB03801AV	3/7/2005	USGS-123	Styrene	1	U		UG/L	GRAB	Styrene
AWB04001AV	AWB04502AV	5/31/2005	USGS-123	Styrene	1	U		UG/L	FIELD DUPLICATE	Styrene
AWB04001AV	AWB04501AV	5/31/2005	USGS-123	Styrene	1	U		UG/L	GRAB	Styrene
AWB10101AV	AWB10602AV	9/14/2005	USGS-123	Styrene	1	U		UG/L	FIELD DUPLICATE	Styrene
AWB10101AV	AWB10601AV	9/14/2005	USGS-123	Styrene	1	U		UG/L	GRAB	Styrene
SEMN0201AV	SEMN0202AV	6/24/2003	ICPP-1782	Tetrachloroethene	1	U		UG/L	FIELD DUPLICATE	Tetrachloroethene
SEMN0201AV	SEMN0201AV	6/24/2003	ICPP-1782	Tetrachloroethene	1	U		UG/L	GRAB	Tetrachloroethene
SEM10001AV	SEM10102AV	9/23/2003	ICPP-1782	Tetrachloroethene	1	U		UG/L	FIELD DUPLICATE	Tetrachloroethene
SEM10001AV	SEM10101AV	9/23/2003	ICPP-1782	Tetrachloroethene	1	U		UG/L	GRAB	Tetrachloroethene
SEMN7901AV	SEMN7801AV	12/16/2003	ICPP-1782	Tetrachloroethene	1	U		UG/L	GRAB	Tetrachloroethylene
AWB00701AV	AWB00801AZ	3/29/2004	ICPP-1782	Tetrachloroethene	1	U		UG/L	GRAB	Tetrachloroethene

Table B-1. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
AWB01501AZ	AWB01602AV	6/1/2004	ICPP-1782	Tetrachloroethene	1	U		UG/L	FIELD DUPLICATE	Tetrachloroethene
AWB01501AZ	AWB01601AV	6/1/2004	ICPP-1782	Tetrachloroethene	1	U		UG/L	GRAB	Tetrachloroethene
AWB02901AV	AWB02401AV	9/7/2004	ICPP-1782	Tetrachloroethene	1	U	UJ	UG/L	GRAB	Tetrachloroethene
AWB03001AV	AWB03101AV	12/21/2004	ICPP-1782	Tetrachloroethene	1	U		UG/L	GRAB	Tetrachloroethene
AWB04001AV	AWB04101AV	6/1/2005	ICPP-1782	Tetrachloroethene	1	U		UG/L	GRAB	Tetrachloroethene
AWB10101AV	AWB10201AV	9/13/2005	ICPP-1782	Tetrachloroethene	1	U		UG/L	GRAB	Tetrachloroethene
SEMN0201AV	SEMN0301AV	6/24/2003	ICPP-1783	Tetrachloroethene	1	U		UG/L	GRAB	Tetrachloroethene
SEM10001AV	SEM10801AV	9/24/2003	ICPP-1783	Tetrachloroethene	1	U		UG/L	GRAB	Tetrachloroethene
SEMN7901AV	SEMN7901AV	12/16/2003	ICPP-1783	Tetrachloroethene	1	U		UG/L	GRAB	Tetrachloroethylene
AWB00701AV	AWB00901AV	3/29/2004	ICPP-1783	Tetrachloroethene	1	U		UG/L	GRAB	Tetrachloroethene
AWB01501AZ	AWB01701AV	6/2/2004	ICPP-1783	Tetrachloroethene	1	U		UG/L	GRAB	Tetrachloroethene
AWB02901AV	AWB02501AV	9/7/2004	ICPP-1783	Tetrachloroethene	1	U	UJ	UG/L	GRAB	Tetrachloroethene
AWB03001AV	AWB03201AV	12/21/2004	ICPP-1783	Tetrachloroethene	1	U		UG/L	GRAB	Tetrachloroethene
AWB04001AV	AWB04201AV	6/1/2005	ICPP-1783	Tetrachloroethene	1	U		UG/L	GRAB	Tetrachloroethene
AWB10101AV	AWB10301AV	9/13/2005	ICPP-1783	Tetrachloroethene	1	U		UG/L	GRAB	Tetrachloroethene
SEMN0201AV	SEMN0401AV	6/24/2003	ICPP-1800	Tetrachloroethene	1	U		UG/L	GRAB	Tetrachloroethene
SEM10001AV	SEM10201AV	9/24/2003	ICPP-1800	Tetrachloroethene	1	U		UG/L	GRAB	Tetrachloroethene
SEMN7901AV	SEMN8001AZ	12/17/2003	ICPP-1800	Tetrachloroethene	1	U		UG/L	GRAB	Tetrachloroethylene
AWB00701AV	AWB01001AV	3/29/2004	ICPP-1800	Tetrachloroethene	1	U		UG/L	GRAB	Tetrachloroethene
AWB01501AZ	AWB01801AV	6/1/2004	ICPP-1800	Tetrachloroethene	1	U		UG/L	GRAB	Tetrachloroethene
AWB02901AV	AWB02601AZ	9/8/2004	ICPP-1800	Tetrachloroethene	1	U	UJ	UG/L	GRAB	Tetrachloroethene
AWB03001AV	AWB03301AZ	12/21/2004	ICPP-1800	Tetrachloroethene	1	U		UG/L	GRAB	Tetrachloroethene
AWB04001AV	AWB04301AV	5/31/2005	ICPP-1800	Tetrachloroethene	1	U		UG/L	GRAB	Tetrachloroethene
AWB10101AV	AWB10401AV	9/13/2005	ICPP-1800	Tetrachloroethene	1	U		UG/L	GRAB	Tetrachloroethene
SEMN0201AV	SEMN0501AZ	6/25/2003	ICPP-1829	Tetrachloroethene	1	U		UG/L	GRAB	Tetrachloroethene
SEM10001AV	SEM10301AZ	9/24/2003	ICPP-1829	Tetrachloroethene	1	U		UG/L	GRAB	Tetrachloroethene
SEMN7901AV	SEMN8102AV	12/17/2003	ICPP-1829	Tetrachloroethene	1	U		UG/L	FIELD DUPLICATE	Tetrachloroethylene
SEMN7901AV	SEMN8101AV	12/17/2003	ICPP-1829	Tetrachloroethene	1	U		UG/L	GRAB	Tetrachloroethylene
AWB00701AV	AWB01101AV	3/29/2004	ICPP-1829	Tetrachloroethene	1	U	UJ	UG/L	GRAB	Tetrachloroethene
AWB01501AZ	AWB01901AV	6/2/2004	ICPP-1829	Tetrachloroethene	1	U		UG/L	GRAB	Tetrachloroethene
AWB02901AV	AWB02702AV	9/8/2004	ICPP-1829	Tetrachloroethene	1	U	UJ	UG/L	FIELD DUPLICATE	Tetrachloroethene
AWB02901AV	AWB02701AV	9/8/2004	ICPP-1829	Tetrachloroethene	1	U	UJ	UG/L	GRAB	Tetrachloroethene
AWB03001AV	AWB03401AV	12/21/2004	ICPP-1829	Tetrachloroethene	1	U		UG/L	GRAB	Tetrachloroethene
AWB04001AV	AWB04401AV	5/31/2005	ICPP-1829	Tetrachloroethene	1	U		UG/L	GRAB	Tetrachloroethene
AWB10101AV	AWB10501AV	9/14/2005	ICPP-1829	Tetrachloroethene	1	U		UG/L	GRAB	Tetrachloroethene
SEMN0201AV	SEMN0101AV	6/24/2003	ICPP-1831	Tetrachloroethene	1	U		UG/L	GRAB	Tetrachloroethene
SEM10001AV	SEM10001AV	9/23/2003	ICPP-1831	Tetrachloroethene	1	U		UG/L	GRAB	Tetrachloroethene
SEMN7901AV	SEMN7701AV	12/16/2003	ICPP-1831	Tetrachloroethene	1	U		UG/L	GRAB	Tetrachloroethylene
AWB00701AV	AWB00702AV	3/29/2004	ICPP-1831	Tetrachloroethene	1	U		UG/L	FIELD DUPLICATE	Tetrachloroethene
AWB00701AV	AWB00701AV	3/29/2004	ICPP-1831	Tetrachloroethene	1	U		UG/L	GRAB	Tetrachloroethene
AWB01501AZ	AWB01501AZ	6/1/2004	ICPP-1831	Tetrachloroethene	1	U		UG/L	GRAB	Tetrachloroethene
AWB02901AV	AWB02301AV	9/7/2004	ICPP-1831	Tetrachloroethene	1	U	UJ	UG/L	GRAB	Tetrachloroethene
AWB03001AV	AWB03001AV	12/21/2004	ICPP-1831	Tetrachloroethene	1	U		UG/L	GRAB	Tetrachloroethene
AWB04001AV	AWB04001AV	6/1/2005	ICPP-1831	Tetrachloroethene	1	U		UG/L	GRAB	Tetrachloroethene
AWB10101AV	AWB10101AV(1)	9/13/2005	ICPP-1831	Tetrachloroethene	1	U		UG/L	GRAB	Tetrachloroethene
SEMN0201AV	SEMN0001AV	6/25/2003	USGS-123	Tetrachloroethene	1	U		UG/L	GRAB	Tetrachloroethene
SEM10001AV	SEM10901AV	9/22/2003	USGS-123	Tetrachloroethene	1	U		UG/L	GRAB	Tetrachloroethene
AWB00701AV	AWB01201AV	3/29/2004	USGS-123	Tetrachloroethene	1	U	UJ	UG/L	GRAB	Tetrachloroethene
AWB09901AV	AWB02002AV	6/16/2004	USGS-123	Tetrachloroethene	1	U		UG/L	FIELD DUPLICATE	Tetrachloroethene
AWB09901AV	AWB02001AZ	6/16/2004	USGS-123	Tetrachloroethene	1	U		UG/L	GRAB	Tetrachloroethene
AWB09901AV	AWB02001AV	6/16/2004	USGS-123	Tetrachloroethene	1	U		UG/L	GRAB	Tetrachloroethene
AWB03001AV	AWB03502AV	12/20/2004	USGS-123	Tetrachloroethene	1	U		UG/L	FIELD DUPLICATE	Tetrachloroethene
AWB03001AV	AWB03501AV	12/20/2004	USGS-123	Tetrachloroethene	1	U		UG/L	GRAB	Tetrachloroethene
AWB03901AV	AWB03802AV	3/7/2005	USGS-123	Tetrachloroethene	1	U		UG/L	FIELD DUPLICATE	Tetrachloroethene
AWB03901AV	AWB03801A2	3/7/2005	USGS-123	Tetrachloroethene	1	U		UG/L	GRAB	Tetrachloroethene
AWB03901AV	AWB03801AV	3/7/2005	USGS-123	Tetrachloroethene	1	U		UG/L	GRAB	Tetrachloroethene

Table B-1. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
AWB04001AV	AWB04502AV	5/31/2005	USGS-123	Tetrachloroethene	1	U		UG/L	FIELD DUPLICATE	Tetrachloroethene
AWB04001AV	AWB04501AV	5/31/2005	USGS-123	Tetrachloroethene	1	U		UG/L	GRAB	Tetrachloroethene
AWB10101AV	AWB10602AV	9/14/2005	USGS-123	Tetrachloroethene	1	U		UG/L	FIELD DUPLICATE	Tetrachloroethene
AWB10101AV	AWB10601AV	9/14/2005	USGS-123	Tetrachloroethene	1	U		UG/L	GRAB	Tetrachloroethene
SEMN7901AV	SEMN7601AV	12/17/2003	USGS-123	Tetrachloroethylene	1	U		UG/L	GRAB	Tetrachloroethylene
SEMN0201AV	SEMN0202AV	6/24/2003	ICPP-1782	Toluene	0.4	J		UG/L	FIELD DUPLICATE	Toluene
SEMN0201AV	SEMN0201AV	6/24/2003	ICPP-1782	Toluene	0.4	J		UG/L	GRAB	Toluene
SEM10001AV	SEM10102AV	9/23/2003	ICPP-1782	Toluene	1	U		UG/L	FIELD DUPLICATE	Toluene
SEM10001AV	SEM10101AV	9/23/2003	ICPP-1782	Toluene	1	U		UG/L	GRAB	Toluene
SEMN7901AV	SEMN7801AV	12/16/2003	ICPP-1782	Toluene	1	U		UG/L	GRAB	Toluene
AWB00701AV	AWB00801AZ	3/29/2004	ICPP-1782	Toluene	1	U		UG/L	GRAB	Toluene
AWB01501AZ	AWB01602AV	6/1/2004	ICPP-1782	Toluene	1	U		UG/L	FIELD DUPLICATE	Toluene
AWB01501AZ	AWB01601AV	6/1/2004	ICPP-1782	Toluene	1	U		UG/L	GRAB	Toluene
AWB02901AV	AWB02401AV	9/7/2004	ICPP-1782	Toluene	1	U		UG/L	GRAB	Toluene
AWB03001AV	AWB03101AV	12/21/2004	ICPP-1782	Toluene	1	U		UG/L	GRAB	Toluene
AWB04001AV	AWB04101AV	6/1/2005	ICPP-1782	Toluene	1	U		UG/L	GRAB	Toluene
AWB10101AV	AWB10201AV	9/13/2005	ICPP-1782	Toluene	1	U		UG/L	GRAB	Toluene
SEMN0201AV	SEMN0301AV	6/24/2003	ICPP-1783	Toluene	1	U		UG/L	GRAB	Toluene
SEM10001AV	SEM10801AV	9/24/2003	ICPP-1783	Toluene	1	U		UG/L	GRAB	Toluene
SEMN7901AV	SEMN7901AV	12/16/2003	ICPP-1783	Toluene	1	U		UG/L	GRAB	Toluene
AWB00701AV	AWB00901AV	3/29/2004	ICPP-1783	Toluene	1	U		UG/L	GRAB	Toluene
AWB01501AZ	AWB01701AV	6/2/2004	ICPP-1783	Toluene	1	U		UG/L	GRAB	Toluene
AWB02901AV	AWB02501AV	9/7/2004	ICPP-1783	Toluene	1	U		UG/L	GRAB	Toluene
AWB03001AV	AWB03201AV	12/21/2004	ICPP-1783	Toluene	1	U		UG/L	GRAB	Toluene
AWB04001AV	AWB04201AV	6/1/2005	ICPP-1783	Toluene	1	U		UG/L	GRAB	Toluene
AWB10101AV	AWB10301AV	9/13/2005	ICPP-1783	Toluene	1	U		UG/L	GRAB	Toluene
SEMN0201AV	SEMN0401AV	6/24/2003	ICPP-1800	Toluene	6			UG/L	GRAB	Toluene
SEM10001AV	SEM10201AV	9/24/2003	ICPP-1800	Toluene	3		J	UG/L	GRAB	Toluene
SEMN7901AV	SEMN8001AZ	12/17/2003	ICPP-1800	Toluene	1.3			UG/L	GRAB	Toluene
AWB00701AV	AWB01001AV	3/29/2004	ICPP-1800	Toluene	1.7			UG/L	GRAB	Toluene
AWB01501AZ	AWB01801AV	6/1/2004	ICPP-1800	Toluene	2.5			UG/L	GRAB	Toluene
AWB02901AV	AWB02601AZ	9/8/2004	ICPP-1800	Toluene	0.68	J		UG/L	GRAB	Toluene
AWB03001AV	AWB03301AZ	12/21/2004	ICPP-1800	Toluene	0.49	J	J	UG/L	GRAB	Toluene
AWB04001AV	AWB04301AV	5/31/2005	ICPP-1800	Toluene	0.7	J	J	UG/L	GRAB	Toluene
AWB10101AV	AWB10401AV	9/13/2005	ICPP-1800	Toluene	0.6	J	J	UG/L	GRAB	Toluene
SEMN0201AV	SEMN0501AZ	6/25/2003	ICPP-1829	Toluene	1	U		UG/L	GRAB	Toluene
SEM10001AV	SEM10301AZ	9/24/2003	ICPP-1829	Toluene	1	U		UG/L	GRAB	Toluene
SEMN7901AV	SEMN8102AV	12/17/2003	ICPP-1829	Toluene	1	U		UG/L	FIELD DUPLICATE	Toluene
SEMN7901AV	SEMN8101AV	12/17/2003	ICPP-1829	Toluene	1	U		UG/L	GRAB	Toluene
AWB00701AV	AWB01101AV	3/29/2004	ICPP-1829	Toluene	1	U		UG/L	GRAB	Toluene
AWB01501AZ	AWB01901AV	6/2/2004	ICPP-1829	Toluene	1	U		UG/L	GRAB	Toluene
AWB02901AV	AWB02702AV	9/8/2004	ICPP-1829	Toluene	1	U		UG/L	FIELD DUPLICATE	Toluene
AWB02901AV	AWB02701AV	9/8/2004	ICPP-1829	Toluene	1	U		UG/L	GRAB	Toluene
AWB03001AV	AWB03401AV	12/21/2004	ICPP-1829	Toluene	1	U		UG/L	GRAB	Toluene
AWB04001AV	AWB04401AV	5/31/2005	ICPP-1829	Toluene	1	U		UG/L	GRAB	Toluene
AWB10101AV	AWB10501AV	9/14/2005	ICPP-1829	Toluene	1	U		UG/L	GRAB	Toluene
SEMN0201AV	SEMN0101AV	6/24/2003	ICPP-1831	Toluene	1	U		UG/L	GRAB	Toluene
SEM10001AV	SEM10001AV	9/23/2003	ICPP-1831	Toluene	1	U		UG/L	GRAB	Toluene
SEMN7901AV	SEMN7701AV	12/16/2003	ICPP-1831	Toluene	1	U		UG/L	GRAB	Toluene
AWB00701AV	AWB00702AV	3/29/2004	ICPP-1831	Toluene	1	U		UG/L	FIELD DUPLICATE	Toluene
AWB00701AV	AWB00701AV	3/29/2004	ICPP-1831	Toluene	1	U		UG/L	GRAB	Toluene
AWB01501AZ	AWB01501AZ	6/1/2004	ICPP-1831	Toluene	1	U		UG/L	GRAB	Toluene
AWB02901AV	AWB02301AV	9/7/2004	ICPP-1831	Toluene	1	U		UG/L	GRAB	Toluene
AWB03001AV	AWB03001AV	12/21/2004	ICPP-1831	Toluene	1	U		UG/L	GRAB	Toluene
AWB04001AV	AWB04001AV	6/1/2005	ICPP-1831	Toluene	1	U		UG/L	GRAB	Toluene
AWB10101AV	AWB10101AV(1)	9/13/2005	ICPP-1831	Toluene	1	U		UG/L	GRAB	Toluene
SEMN0201AV	SEMN0001AV	6/25/2003	USGS-123	Toluene	1	U		UG/L	GRAB	Toluene

Table B-1. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
SEM10001AV	SEM10901AV	9/22/2003	USGS-123	Toluene	5		J	UG/L	GRAB	Toluene
SEMN7901AV	SEMN7601AV	12/17/2003	USGS-123	Toluene	4			UG/L	GRAB	Toluene
AWB00701AV	AWB01201AV	3/29/2004	USGS-123	Toluene	0.43	J	J	UG/L	GRAB	Toluene
AWB09901AV	AWB02002AV	6/16/2004	USGS-123	Toluene	0.73	J	J	UG/L	FIELD DUPLICATE	Toluene
AWB09901AV	AWB02001AZ	6/16/2004	USGS-123	Toluene	0.66	J	J	UG/L	GRAB	Toluene
AWB09901AV	AWB02001AV	6/16/2004	USGS-123	Toluene	0.67	J	J	UG/L	GRAB	Toluene
AWB03001AV	AWB03502AV	12/20/2004	USGS-123	Toluene	1	U		UG/L	FIELD DUPLICATE	Toluene
AWB03001AV	AWB03501AV	12/20/2004	USGS-123	Toluene	1	U		UG/L	GRAB	Toluene
AWB03901AV	AWB03802AV	3/7/2005	USGS-123	Toluene	1	U		UG/L	FIELD DUPLICATE	Toluene
AWB03901AV	AWB03801A2	3/7/2005	USGS-123	Toluene	1	U		UG/L	GRAB	Toluene
AWB03901AV	AWB03801AV	3/7/2005	USGS-123	Toluene	1	U		UG/L	GRAB	Toluene
AWB04001AV	AWB04502AV	5/31/2005	USGS-123	Toluene	1	U		UG/L	FIELD DUPLICATE	Toluene
AWB04001AV	AWB04501AV	5/31/2005	USGS-123	Toluene	1	U		UG/L	GRAB	Toluene
AWB10101AV	AWB10602AV	9/14/2005	USGS-123	Toluene	1	U		UG/L	FIELD DUPLICATE	Toluene
AWB10101AV	AWB10601AV	9/14/2005	USGS-123	Toluene	1	U		UG/L	GRAB	Toluene
SEMN0201AV	SEMN0202AV	6/24/2003	ICPP-1782	trans-1,2-Dichloroethene	1	U		UG/L	FIELD DUPLICATE	trans-1,2-Dichloroethene
SEMN0201AV	SEMN0201AV	6/24/2003	ICPP-1782	trans-1,2-Dichloroethene	1	U		UG/L	GRAB	trans-1,2-Dichloroethene
SEM10001AV	SEM10102AV	9/23/2003	ICPP-1782	trans-1,2-Dichloroethene	1	U		UG/L	FIELD DUPLICATE	trans-1,2-Dichloroethene
SEM10001AV	SEM10101AV	9/23/2003	ICPP-1782	trans-1,2-Dichloroethene	1	U		UG/L	GRAB	trans-1,2-Dichloroethene
SEMN7901AV	SEMN7801AV	12/16/2003	ICPP-1782	trans-1,2-Dichloroethene	1	U		UG/L	GRAB	trans-1,2-Dichloroethylene
AWB00701AV	AWB00801AZ	3/29/2004	ICPP-1782	trans-1,2-Dichloroethene	1	U		UG/L	GRAB	trans-1,2-Dichloroethene
AWB01501AZ	AWB01602AV	6/1/2004	ICPP-1782	trans-1,2-Dichloroethene	1	U		UG/L	FIELD DUPLICATE	trans-1,2-Dichloroethene
AWB01501AZ	AWB01601AV	6/1/2004	ICPP-1782	trans-1,2-Dichloroethene	1	U		UG/L	GRAB	trans-1,2-Dichloroethene
AWB02901AV	AWB02401AV	9/7/2004	ICPP-1782	trans-1,2-Dichloroethene	1	U		UG/L	GRAB	trans-1,2-Dichloroethene
AWB03001AV	AWB03101AV	12/21/2004	ICPP-1782	trans-1,2-Dichloroethene	1	U		UG/L	GRAB	trans-1,2-Dichloroethene
AWB04001AV	AWB04101AV	6/1/2005	ICPP-1782	trans-1,2-Dichloroethene	1	U		UG/L	GRAB	trans-1,2-Dichloroethene
AWB10101AV	AWB10201AV	9/13/2005	ICPP-1782	trans-1,2-Dichloroethene	1	U		UG/L	GRAB	trans-1,2-Dichloroethene
SEMN0201AV	SEMN0301AV	6/24/2003	ICPP-1783	trans-1,2-Dichloroethene	1	U		UG/L	GRAB	trans-1,2-Dichloroethene
SEM10001AV	SEM10801AV	9/24/2003	ICPP-1783	trans-1,2-Dichloroethene	1	U		UG/L	GRAB	trans-1,2-Dichloroethene
SEMN7901AV	SEMN7901AV	12/16/2003	ICPP-1783	trans-1,2-Dichloroethene	1	U		UG/L	GRAB	trans-1,2-Dichloroethylene
AWB00701AV	AWB00901AV	3/29/2004	ICPP-1783	trans-1,2-Dichloroethene	1	U		UG/L	GRAB	trans-1,2-Dichloroethene
AWB01501AZ	AWB01701AV	6/2/2004	ICPP-1783	trans-1,2-Dichloroethene	1	U		UG/L	GRAB	trans-1,2-Dichloroethene
AWB02901AV	AWB02501AV	9/7/2004	ICPP-1783	trans-1,2-Dichloroethene	1	U		UG/L	GRAB	trans-1,2-Dichloroethene
AWB03001AV	AWB03201AV	12/21/2004	ICPP-1783	trans-1,2-Dichloroethene	1	U		UG/L	GRAB	trans-1,2-Dichloroethene
AWB04001AV	AWB04201AV	6/1/2005	ICPP-1783	trans-1,2-Dichloroethene	1	U		UG/L	GRAB	trans-1,2-Dichloroethene
AWB10101AV	AWB10301AV	9/13/2005	ICPP-1783	trans-1,2-Dichloroethene	1	U		UG/L	GRAB	trans-1,2-Dichloroethene
SEMN0201AV	SEMN0401AV	6/24/2003	ICPP-1800	trans-1,2-Dichloroethene	1	U		UG/L	GRAB	trans-1,2-Dichloroethene
SEM10001AV	SEM10201AV	9/24/2003	ICPP-1800	trans-1,2-Dichloroethene	1	U		UG/L	GRAB	trans-1,2-Dichloroethene
SEMN7901AV	SEMN8001AZ	12/17/2003	ICPP-1800	trans-1,2-Dichloroethene	1	U		UG/L	GRAB	trans-1,2-Dichloroethylene
AWB00701AV	AWB01001AV	3/29/2004	ICPP-1800	trans-1,2-Dichloroethene	1	U		UG/L	GRAB	trans-1,2-Dichloroethene
AWB01501AZ	AWB01801AV	6/1/2004	ICPP-1800	trans-1,2-Dichloroethene	1	U		UG/L	GRAB	trans-1,2-Dichloroethene
AWB02901AV	AWB02601AZ	9/8/2004	ICPP-1800	trans-1,2-Dichloroethene	1	U		UG/L	GRAB	trans-1,2-Dichloroethene
AWB03001AV	AWB03301AZ	12/21/2004	ICPP-1800	trans-1,2-Dichloroethene	1	U		UG/L	GRAB	trans-1,2-Dichloroethene
AWB04001AV	AWB04301AV	5/31/2005	ICPP-1800	trans-1,2-Dichloroethene	1	U		UG/L	GRAB	trans-1,2-Dichloroethene
AWB10101AV	AWB10401AV	9/13/2005	ICPP-1800	trans-1,2-Dichloroethene	1	U		UG/L	GRAB	trans-1,2-Dichloroethene
SEMN0201AV	SEMN0501AZ	6/25/2003	ICPP-1829	trans-1,2-Dichloroethene	1	U		UG/L	GRAB	trans-1,2-Dichloroethene
SEM10001AV	SEM10301AZ	9/24/2003	ICPP-1829	trans-1,2-Dichloroethene	1	U		UG/L	GRAB	trans-1,2-Dichloroethene
SEMN7901AV	SEMN8102AV	12/17/2003	ICPP-1829	trans-1,2-Dichloroethene	1	U		UG/L	FIELD DUPLICATE	trans-1,2-Dichloroethylene
SEMN7901AV	SEMN8101AV	12/17/2003	ICPP-1829	trans-1,2-Dichloroethene	1	U		UG/L	GRAB	trans-1,2-Dichloroethylene
AWB00701AV	AWB01101AV	3/29/2004	ICPP-1829	trans-1,2-Dichloroethene	1	U	UJ	UG/L	GRAB	trans-1,2-Dichloroethene
AWB01501AZ	AWB01901AV	6/2/2004	ICPP-1829	trans-1,2-Dichloroethene	1	U		UG/L	GRAB	trans-1,2-Dichloroethene
AWB02901AV	AWB02702AV	9/8/2004	ICPP-1829	trans-1,2-Dichloroethene	1	U		UG/L	FIELD DUPLICATE	trans-1,2-Dichloroethene
AWB02901AV	AWB02701AV	9/8/2004	ICPP-1829	trans-1,2-Dichloroethene	1	U		UG/L	GRAB	trans-1,2-Dichloroethene
AWB03001AV	AWB03401AV	12/21/2004	ICPP-1829	trans-1,2-Dichloroethene	1	U		UG/L	GRAB	trans-1,2-Dichloroethene
AWB04001AV	AWB04401AV	5/31/2005	ICPP-1829	trans-1,2-Dichloroethene	1	U		UG/L	GRAB	trans-1,2-Dichloroethene
AWB10101AV	AWB10501AV	9/14/2005	ICPP-1829	trans-1,2-Dichloroethene	1	U		UG/L	GRAB	trans-1,2-Dichloroethene

Table B-1. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
SEMN0201AV	SEMN0101AV	6/24/2003	ICPP-1831	trans-1,2-Dichloroethene	1	U		UG/L	GRAB	trans-1,2-Dichloroethene
SEM10001AV	SEM10001AV	9/23/2003	ICPP-1831	trans-1,2-Dichloroethene	1	U		UG/L	GRAB	trans-1,2-Dichloroethene
SEMN7901AV	SEMN7701AV	12/16/2003	ICPP-1831	trans-1,2-Dichloroethene	1	U		UG/L	GRAB	trans-1,2-Dichloroethylene
AWB00701AV	AWB00702AV	3/29/2004	ICPP-1831	trans-1,2-Dichloroethene	1	U		UG/L	FIELD DUPLICATE	trans-1,2-Dichloroethene
AWB00701AV	AWB00701AV	3/29/2004	ICPP-1831	trans-1,2-Dichloroethene	1	U		UG/L	GRAB	trans-1,2-Dichloroethene
AWB01501AZ	AWB01501AZ	6/1/2004	ICPP-1831	trans-1,2-Dichloroethene	1	U		UG/L	GRAB	trans-1,2-Dichloroethene
AWB02901AV	AWB02301AV	9/7/2004	ICPP-1831	trans-1,2-Dichloroethene	1	U		UG/L	GRAB	trans-1,2-Dichloroethene
AWB03001AV	AWB03001AV	12/21/2004	ICPP-1831	trans-1,2-Dichloroethene	1	U		UG/L	GRAB	trans-1,2-Dichloroethene
AWB04001AV	AWB04001AV	6/1/2005	ICPP-1831	trans-1,2-Dichloroethene	1	U		UG/L	GRAB	trans-1,2-Dichloroethene
AWB10101AV	AWB10101AV(1)	9/13/2005	ICPP-1831	trans-1,2-Dichloroethene	1	U		UG/L	GRAB	trans-1,2-Dichloroethene
SEMN0201AV	SEMN0001AV	6/25/2003	USGS-123	trans-1,2-Dichloroethene	1	U		UG/L	GRAB	trans-1,2-Dichloroethene
SEM10001AV	SEM10901AV	9/22/2003	USGS-123	trans-1,2-Dichloroethene	1	U		UG/L	GRAB	trans-1,2-Dichloroethene
AWB00701AV	AWB01201AV	3/29/2004	USGS-123	trans-1,2-Dichloroethene	1	U	UJ	UG/L	GRAB	trans-1,2-Dichloroethene
AWB09901AV	AWB02002AV	6/16/2004	USGS-123	trans-1,2-Dichloroethene	1	U		UG/L	FIELD DUPLICATE	trans-1,2-Dichloroethene
AWB09901AV	AWB02001AZ	6/16/2004	USGS-123	trans-1,2-Dichloroethene	1	U		UG/L	GRAB	trans-1,2-Dichloroethene
AWB09901AV	AWB02001AV	6/16/2004	USGS-123	trans-1,2-Dichloroethene	1	U		UG/L	GRAB	trans-1,2-Dichloroethene
AWB03001AV	AWB03502AV	12/20/2004	USGS-123	trans-1,2-Dichloroethene	1	U		UG/L	FIELD DUPLICATE	trans-1,2-Dichloroethene
AWB03001AV	AWB03501AV	12/20/2004	USGS-123	trans-1,2-Dichloroethene	1	U		UG/L	GRAB	trans-1,2-Dichloroethene
AWB03901AV	AWB03802AV	3/7/2005	USGS-123	trans-1,2-Dichloroethene	1	U		UG/L	FIELD DUPLICATE	trans-1,2-Dichloroethene
AWB03901AV	AWB03801A2	3/7/2005	USGS-123	trans-1,2-Dichloroethene	1	U		UG/L	GRAB	trans-1,2-Dichloroethene
AWB03901AV	AWB03801AV	3/7/2005	USGS-123	trans-1,2-Dichloroethene	1	U		UG/L	GRAB	trans-1,2-Dichloroethene
AWB04001AV	AWB04502AV	5/31/2005	USGS-123	trans-1,2-Dichloroethene	1	U		UG/L	FIELD DUPLICATE	trans-1,2-Dichloroethene
AWB04001AV	AWB04501AV	5/31/2005	USGS-123	trans-1,2-Dichloroethene	1	U		UG/L	GRAB	trans-1,2-Dichloroethene
AWB10101AV	AWB10602AV	9/14/2005	USGS-123	trans-1,2-Dichloroethene	1	U		UG/L	FIELD DUPLICATE	trans-1,2-Dichloroethene
AWB10101AV	AWB10601AV	9/14/2005	USGS-123	trans-1,2-Dichloroethene	1	U		UG/L	GRAB	trans-1,2-Dichloroethene
SEMN7901AV	SEMN7601AV	12/17/2003	USGS-123	trans-1,2-Dichloroethylene	1	U		UG/L	GRAB	trans-1,2-Dichloroethylene
SEMN0201AV	SEMN0202AV	6/24/2003	ICPP-1782	trans-1,3-Dichloropropene	5	U		UG/L	FIELD DUPLICATE	trans-1,3-Dichloropropene
SEMN0201AV	SEMN0201AV	6/24/2003	ICPP-1782	trans-1,3-Dichloropropene	5	U		UG/L	GRAB	trans-1,3-Dichloropropene
SEM10001AV	SEM10102AV	9/23/2003	ICPP-1782	trans-1,3-Dichloropropene	5	U		UG/L	FIELD DUPLICATE	trans-1,3-Dichloropropene
SEM10001AV	SEM10101AV	9/23/2003	ICPP-1782	trans-1,3-Dichloropropene	5	U		UG/L	GRAB	trans-1,3-Dichloropropene
SEMN7901AV	SEMN7801AV	12/16/2003	ICPP-1782	trans-1,3-Dichloropropene	1	U		UG/L	GRAB	trans-1,3-Dichloropropylene
AWB00701AV	AWB00801AZ	3/29/2004	ICPP-1782	trans-1,3-Dichloropropene	1	U		UG/L	GRAB	trans-1,3-Dichloropropene
AWB01501AZ	AWB01602AV	6/1/2004	ICPP-1782	trans-1,3-Dichloropropene	1	U	UJ	UG/L	FIELD DUPLICATE	trans-1,3-Dichloropropene
AWB01501AZ	AWB01601AV	6/1/2004	ICPP-1782	trans-1,3-Dichloropropene	1	U	UJ	UG/L	GRAB	trans-1,3-Dichloropropene
AWB02901AV	AWB02401AV	9/7/2004	ICPP-1782	trans-1,3-Dichloropropene	1	U		UG/L	GRAB	trans-1,3-Dichloropropene
AWB03001AV	AWB03101AV	12/21/2004	ICPP-1782	trans-1,3-Dichloropropene	1	U	UJ	UG/L	GRAB	trans-1,3-Dichloropropene
AWB04001AV	AWB04101AV	6/1/2005	ICPP-1782	trans-1,3-Dichloropropene	1	U		UG/L	GRAB	trans-1,3-Dichloropropene
AWB10101AV	AWB10201AV	9/13/2005	ICPP-1782	trans-1,3-Dichloropropene	1	U		UG/L	GRAB	trans-1,3-Dichloropropene
SEMN0201AV	SEMN0301AV	6/24/2003	ICPP-1783	trans-1,3-Dichloropropene	5	U		UG/L	GRAB	trans-1,3-Dichloropropene
SEM10001AV	SEM10801AV	9/24/2003	ICPP-1783	trans-1,3-Dichloropropene	5	U		UG/L	GRAB	trans-1,3-Dichloropropene
SEMN7901AV	SEMN7901AV	12/16/2003	ICPP-1783	trans-1,3-Dichloropropene	1	U		UG/L	GRAB	trans-1,3-Dichloropropylene
AWB00701AV	AWB00901AV	3/29/2004	ICPP-1783	trans-1,3-Dichloropropene	0.06	J	J	UG/L	GRAB	trans-1,3-Dichloropropene
AWB01501AZ	AWB01701AV	6/2/2004	ICPP-1783	trans-1,3-Dichloropropene	1	U		UG/L	GRAB	trans-1,3-Dichloropropene
AWB02901AV	AWB02501AV	9/7/2004	ICPP-1783	trans-1,3-Dichloropropene	1	U		UG/L	GRAB	trans-1,3-Dichloropropene
AWB03001AV	AWB03201AV	12/21/2004	ICPP-1783	trans-1,3-Dichloropropene	1	U	UJ	UG/L	GRAB	trans-1,3-Dichloropropene
AWB04001AV	AWB04201AV	6/1/2005	ICPP-1783	trans-1,3-Dichloropropene	1	U		UG/L	GRAB	trans-1,3-Dichloropropene
AWB10101AV	AWB10301AV	9/13/2005	ICPP-1783	trans-1,3-Dichloropropene	1	U		UG/L	GRAB	trans-1,3-Dichloropropene
SEMN0201AV	SEMN0401AV	6/24/2003	ICPP-1800	trans-1,3-Dichloropropene	5	U		UG/L	GRAB	trans-1,3-Dichloropropene
SEM10001AV	SEM10201AV	9/24/2003	ICPP-1800	trans-1,3-Dichloropropene	5	U		UG/L	GRAB	trans-1,3-Dichloropropene
SEMN7901AV	SEMN8001AZ	12/17/2003	ICPP-1800	trans-1,3-Dichloropropene	1	U		UG/L	GRAB	trans-1,3-Dichloropropylene
AWB00701AV	AWB01001AV	3/29/2004	ICPP-1800	trans-1,3-Dichloropropene	1	U		UG/L	GRAB	trans-1,3-Dichloropropene
AWB01501AZ	AWB01801AV	6/1/2004	ICPP-1800	trans-1,3-Dichloropropene	1	U	UJ	UG/L	GRAB	trans-1,3-Dichloropropene
AWB02901AV	AWB02601AZ	9/8/2004	ICPP-1800	trans-1,3-Dichloropropene	1	U		UG/L	GRAB	trans-1,3-Dichloropropene
AWB03001AV	AWB03301AZ	12/21/2004	ICPP-1800	trans-1,3-Dichloropropene	1	U	UJ	UG/L	GRAB	trans-1,3-Dichloropropene
AWB04001AV	AWB04301AV	5/31/2005	ICPP-1800	trans-1,3-Dichloropropene	1	U		UG/L	GRAB	trans-1,3-Dichloropropene
AWB10101AV	AWB10401AV	9/13/2005	ICPP-1800	trans-1,3-Dichloropropene	1	U		UG/L	GRAB	trans-1,3-Dichloropropene

Table B-1. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
SEMN0201AV	SEMN0501AZ	6/25/2003	ICPP-1829	trans-1,3-Dichloropropene	5	U		UG/L	GRAB	trans-1,3-Dichloropropene
SEM10001AV	SEM10301AZ	9/24/2003	ICPP-1829	trans-1,3-Dichloropropene	5	U		UG/L	GRAB	trans-1,3-Dichloropropene
SEMN7901AV	SEMN8102AV	12/17/2003	ICPP-1829	trans-1,3-Dichloropropene	1	U		UG/L	FIELD DUPLICATE	trans-1,3-Dichloropropylene
SEMN7901AV	SEMN8101AV	12/17/2003	ICPP-1829	trans-1,3-Dichloropropene	1	U		UG/L	GRAB	trans-1,3-Dichloropropylene
AWB00701AV	AWB01101AV	3/29/2004	ICPP-1829	trans-1,3-Dichloropropene	1	U	UJ	UG/L	GRAB	trans-1,3-Dichloropropene
AWB01501AZ	AWB01901AV	6/2/2004	ICPP-1829	trans-1,3-Dichloropropene	1	U		UG/L	GRAB	trans-1,3-Dichloropropene
AWB02901AV	AWB02702AV	9/8/2004	ICPP-1829	trans-1,3-Dichloropropene	1	U		UG/L	FIELD DUPLICATE	trans-1,3-Dichloropropene
AWB02901AV	AWB02701AV	9/8/2004	ICPP-1829	trans-1,3-Dichloropropene	1	U		UG/L	GRAB	trans-1,3-Dichloropropene
AWB03001AV	AWB03401AV	12/21/2004	ICPP-1829	trans-1,3-Dichloropropene	1	U	UJ	UG/L	GRAB	trans-1,3-Dichloropropene
AWB04001AV	AWB04401AV	5/31/2005	ICPP-1829	trans-1,3-Dichloropropene	1	U		UG/L	GRAB	trans-1,3-Dichloropropene
AWB10101AV	AWB10501AV	9/14/2005	ICPP-1829	trans-1,3-Dichloropropene	1	U		UG/L	GRAB	trans-1,3-Dichloropropene
SEMN0201AV	SEMN0101AV	6/24/2003	ICPP-1831	trans-1,3-Dichloropropene	5	U		UG/L	GRAB	trans-1,3-Dichloropropene
SEM10001AV	SEM10001AV	9/23/2003	ICPP-1831	trans-1,3-Dichloropropene	5	U		UG/L	GRAB	trans-1,3-Dichloropropene
SEMN7901AV	SEMN7701AV	12/16/2003	ICPP-1831	trans-1,3-Dichloropropene	1	U		UG/L	GRAB	trans-1,3-Dichloropropylene
AWB00701AV	AWB00702AV	3/29/2004	ICPP-1831	trans-1,3-Dichloropropene	1	U		UG/L	FIELD DUPLICATE	trans-1,3-Dichloropropene
AWB00701AV	AWB00701AV	3/29/2004	ICPP-1831	trans-1,3-Dichloropropene	0.054	J	J	UG/L	GRAB	trans-1,3-Dichloropropene
AWB01501AZ	AWB01501AZ	6/1/2004	ICPP-1831	trans-1,3-Dichloropropene	1	U	UJ	UG/L	GRAB	trans-1,3-Dichloropropene
AWB02901AV	AWB02301AV	9/7/2004	ICPP-1831	trans-1,3-Dichloropropene	1	U		UG/L	GRAB	trans-1,3-Dichloropropene
AWB03001AV	AWB03001AV	12/21/2004	ICPP-1831	trans-1,3-Dichloropropene	1	U	UJ	UG/L	GRAB	trans-1,3-Dichloropropene
AWB04001AV	AWB04001AV	6/1/2005	ICPP-1831	trans-1,3-Dichloropropene	1	U		UG/L	GRAB	trans-1,3-Dichloropropene
AWB10101AV	AWB10101AV(1)	9/13/2005	ICPP-1831	trans-1,3-Dichloropropene	1	U		UG/L	GRAB	trans-1,3-Dichloropropene
SEMN0201AV	SEMN0001AV	6/25/2003	USGS-123	trans-1,3-Dichloropropene	5	U		UG/L	GRAB	trans-1,3-Dichloropropene
SEM10001AV	SEM10901AV	9/22/2003	USGS-123	trans-1,3-Dichloropropene	5	U		UG/L	GRAB	trans-1,3-Dichloropropene
AWB00701AV	AWB01201AV	3/29/2004	USGS-123	trans-1,3-Dichloropropene	1	U	UJ	UG/L	GRAB	trans-1,3-Dichloropropene
AWB09901AV	AWB02002AV	6/16/2004	USGS-123	trans-1,3-Dichloropropene	1	U		UG/L	FIELD DUPLICATE	trans-1,3-Dichloropropene
AWB09901AV	AWB02001AZ	6/16/2004	USGS-123	trans-1,3-Dichloropropene	1	U		UG/L	GRAB	trans-1,3-Dichloropropene
AWB09901AV	AWB02001AV	6/16/2004	USGS-123	trans-1,3-Dichloropropene	1	U		UG/L	GRAB	trans-1,3-Dichloropropene
AWB03001AV	AWB03502AV	12/20/2004	USGS-123	trans-1,3-Dichloropropene	1	U	UJ	UG/L	FIELD DUPLICATE	trans-1,3-Dichloropropene
AWB03001AV	AWB03501AV	12/20/2004	USGS-123	trans-1,3-Dichloropropene	1	U	UJ	UG/L	GRAB	trans-1,3-Dichloropropene
AWB03901AV	AWB03802AV	3/7/2005	USGS-123	trans-1,3-Dichloropropene	1	U		UG/L	FIELD DUPLICATE	trans-1,3-Dichloropropene
AWB03901AV	AWB03801A2	3/7/2005	USGS-123	trans-1,3-Dichloropropene	1	U		UG/L	GRAB	trans-1,3-Dichloropropene
AWB03901AV	AWB03801AV	3/7/2005	USGS-123	trans-1,3-Dichloropropene	1	U		UG/L	GRAB	trans-1,3-Dichloropropene
AWB04001AV	AWB04502AV	5/31/2005	USGS-123	trans-1,3-Dichloropropene	1	U		UG/L	FIELD DUPLICATE	trans-1,3-Dichloropropene
AWB04001AV	AWB04501AV	5/31/2005	USGS-123	trans-1,3-Dichloropropene	1	U		UG/L	GRAB	trans-1,3-Dichloropropene
AWB10101AV	AWB10602AV	9/14/2005	USGS-123	trans-1,3-Dichloropropene	1	U		UG/L	FIELD DUPLICATE	trans-1,3-Dichloropropene
AWB10101AV	AWB10601AV	9/14/2005	USGS-123	trans-1,3-Dichloropropene	1	U		UG/L	GRAB	trans-1,3-Dichloropropene
SEMN7901AV	SEMN7601AV	12/17/2003	USGS-123	trans-1,3-Dichloropropylene	1	U		UG/L	GRAB	trans-1,3-Dichloropropylene
SEMN0201AV	SEMN0202AV	6/24/2003	ICPP-1782	trans-1,4-Dichloro-2-butene	5	U	R	UG/L	FIELD DUPLICATE	trans-1,4-Dichloro-2-butene
SEMN0201AV	SEMN0201AV	6/24/2003	ICPP-1782	trans-1,4-Dichloro-2-butene	5	U	R	UG/L	GRAB	trans-1,4-Dichloro-2-butene
SEM10001AV	SEM10102AV(1)	9/23/2003	ICPP-1782	trans-1,4-Dichloro-2-butene	5	U	R	UG/L	FIELD DUPLICATE	trans-1,4-Dichloro-2-butene
SEM10001AV	SEM10101AV(1)	9/23/2003	ICPP-1782	trans-1,4-Dichloro-2-butene	5	U	R	UG/L	GRAB	trans-1,4-Dichloro-2-butene
SEMN7901AV	SEMN7801AV	12/16/2003	ICPP-1782	trans-1,4-Dichloro-2-butene	5	U		UG/L	GRAB	trans-1,4-Dichloro-2-butene
AWB00701AV	AWB00801AZ	3/29/2004	ICPP-1782	trans-1,4-Dichloro-2-butene	1	U		UG/L	GRAB	trans-1,4-Dichloro-2-butene
AWB01501AZ	AWB01602AV	6/1/2004	ICPP-1782	trans-1,4-Dichloro-2-butene	1	U		UG/L	FIELD DUPLICATE	trans-1,4-Dichloro-2-butene
AWB01501AZ	AWB01601AV	6/1/2004	ICPP-1782	trans-1,4-Dichloro-2-butene	1	U		UG/L	GRAB	trans-1,4-Dichloro-2-butene
AWB02901AV	AWB02401AV	9/7/2004	ICPP-1782	trans-1,4-Dichloro-2-butene	2	U	UJ	UG/L	GRAB	trans-1,4-Dichloro-2-butene
AWB03001AV	AWB03101AV	12/21/2004	ICPP-1782	trans-1,4-Dichloro-2-butene	2	U	R	UG/L	GRAB	trans-1,4-Dichloro-2-butene
AWB04001AV	AWB04101AV	6/1/2005	ICPP-1782	trans-1,4-Dichloro-2-butene	1	U		UG/L	GRAB	trans-1,4-Dichloro-2-butene
AWB10101AV	AWB10201AV	9/13/2005	ICPP-1782	trans-1,4-Dichloro-2-butene	1	U		UG/L	GRAB	trans-1,4-Dichloro-2-butene
SEMN0201AV	SEMN0301AV	6/24/2003	ICPP-1783	trans-1,4-Dichloro-2-butene	5	U	R	UG/L	GRAB	trans-1,4-Dichloro-2-butene
SEM10001AV	SEM10801AV(1)	9/24/2003	ICPP-1783	trans-1,4-Dichloro-2-butene	5	U	R	UG/L	GRAB	trans-1,4-Dichloro-2-butene
SEMN7901AV	SEMN7901AV	12/16/2003	ICPP-1783	trans-1,4-Dichloro-2-butene	5	U		UG/L	GRAB	trans-1,4-Dichloro-2-butene
AWB00701AV	AWB00901AV	3/29/2004	ICPP-1783	trans-1,4-Dichloro-2-butene	1	U		UG/L	GRAB	trans-1,4-Dichloro-2-butene
AWB01501AZ	AWB01701AV	6/2/2004	ICPP-1783	trans-1,4-Dichloro-2-butene	1	U		UG/L	GRAB	trans-1,4-Dichloro-2-butene
AWB02901AV	AWB02501AV	9/7/2004	ICPP-1783	trans-1,4-Dichloro-2-butene	2	U	UJ	UG/L	GRAB	trans-1,4-Dichloro-2-butene
AWB03001AV	AWB03201AV	12/21/2004	ICPP-1783	trans-1,4-Dichloro-2-butene	2	U	R	UG/L	GRAB	trans-1,4-Dichloro-2-butene

Table B-1. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
AWB04001AV	AWB04201AV	6/1/2005	ICPP-1783	trans-1,4-Dichloro-2-butene	1	U		UG/L	GRAB	trans-1,4-Dichloro-2-butene
AWB10101AV	AWB10301AV	9/13/2005	ICPP-1783	trans-1,4-Dichloro-2-butene	1	U		UG/L	GRAB	trans-1,4-Dichloro-2-butene
SEMN0201AV	SEMN0401AV	6/24/2003	ICPP-1800	trans-1,4-Dichloro-2-butene	5	U	R	UG/L	GRAB	trans-1,4-Dichloro-2-butene
SEM10001AV	SEM10201AV(1)	9/24/2003	ICPP-1800	trans-1,4-Dichloro-2-butene	5	U	R	UG/L	GRAB	trans-1,4-Dichloro-2-butene
SEMN7901AV	SEMN8001AZ	12/17/2003	ICPP-1800	trans-1,4-Dichloro-2-butene	5	U		UG/L	GRAB	trans-1,4-Dichloro-2-butene
AWB00701AV	AWB01001AV	3/29/2004	ICPP-1800	trans-1,4-Dichloro-2-butene	1	U		UG/L	GRAB	trans-1,4-Dichloro-2-butene
AWB01501AZ	AWB01801AV	6/1/2004	ICPP-1800	trans-1,4-Dichloro-2-butene	1	U		UG/L	GRAB	trans-1,4-Dichloro-2-butene
AWB02901AV	AWB02601AZ	9/8/2004	ICPP-1800	trans-1,4-Dichloro-2-butene	2	U	UJ	UG/L	GRAB	trans-1,4-Dichloro-2-butene
AWB03001AV	AWB03301AZ	12/21/2004	ICPP-1800	trans-1,4-Dichloro-2-butene	2	U	R	UG/L	GRAB	trans-1,4-Dichloro-2-butene
AWB04001AV	AWB04301AV	5/31/2005	ICPP-1800	trans-1,4-Dichloro-2-butene	1	U		UG/L	GRAB	trans-1,4-Dichloro-2-butene
AWB10101AV	AWB10401AV	9/13/2005	ICPP-1800	trans-1,4-Dichloro-2-butene	1	U		UG/L	GRAB	trans-1,4-Dichloro-2-butene
SEMN0201AV	SEMN0501AZ	6/25/2003	ICPP-1829	trans-1,4-Dichloro-2-butene	5	U	R	UG/L	GRAB	trans-1,4-Dichloro-2-butene
SEM10001AV	SEM10301AZ(1)	9/24/2003	ICPP-1829	trans-1,4-Dichloro-2-butene	5	U	R	UG/L	GRAB	trans-1,4-Dichloro-2-butene
SEMN7901AV	SEMN8102AV	12/17/2003	ICPP-1829	trans-1,4-Dichloro-2-butene	5	U		UG/L	FIELD DUPLICATE	trans-1,4-Dichloro-2-butene
SEMN7901AV	SEMN8101AV	12/17/2003	ICPP-1829	trans-1,4-Dichloro-2-butene	5	U		UG/L	GRAB	trans-1,4-Dichloro-2-butene
AWB00701AV	AWB01101AV	3/29/2004	ICPP-1829	trans-1,4-Dichloro-2-butene	1	U	UJ	UG/L	GRAB	trans-1,4-Dichloro-2-butene
AWB01501AZ	AWB01901AV	6/2/2004	ICPP-1829	trans-1,4-Dichloro-2-butene	1	U		UG/L	GRAB	trans-1,4-Dichloro-2-butene
AWB02901AV	AWB02702AV	9/8/2004	ICPP-1829	trans-1,4-Dichloro-2-butene	2	U	UJ	UG/L	FIELD DUPLICATE	trans-1,4-Dichloro-2-butene
AWB02901AV	AWB02701AV	9/8/2004	ICPP-1829	trans-1,4-Dichloro-2-butene	2	U	UJ	UG/L	GRAB	trans-1,4-Dichloro-2-butene
AWB03001AV	AWB03401AV	12/21/2004	ICPP-1829	trans-1,4-Dichloro-2-butene	2	U	R	UG/L	GRAB	trans-1,4-Dichloro-2-butene
AWB04001AV	AWB04401AV	5/31/2005	ICPP-1829	trans-1,4-Dichloro-2-butene	1	U		UG/L	GRAB	trans-1,4-Dichloro-2-butene
AWB10101AV	AWB10501AV	9/14/2005	ICPP-1829	trans-1,4-Dichloro-2-butene	1	U		UG/L	GRAB	trans-1,4-Dichloro-2-butene
SEMN0201AV	SEMN0101AV	6/24/2003	ICPP-1831	trans-1,4-Dichloro-2-butene	5	U	R	UG/L	GRAB	trans-1,4-Dichloro-2-butene
SEM10001AV	SEM10001AV(1)	9/23/2003	ICPP-1831	trans-1,4-Dichloro-2-butene	5	U	R	UG/L	GRAB	trans-1,4-Dichloro-2-butene
SEMN7901AV	SEMN7701AV	12/16/2003	ICPP-1831	trans-1,4-Dichloro-2-butene	5	U		UG/L	GRAB	trans-1,4-Dichloro-2-butene
AWB00701AV	AWB00702AV	3/29/2004	ICPP-1831	trans-1,4-Dichloro-2-butene	1	U		UG/L	FIELD DUPLICATE	trans-1,4-Dichloro-2-butene
AWB00701AV	AWB00701AV	3/29/2004	ICPP-1831	trans-1,4-Dichloro-2-butene	1	U		UG/L	GRAB	trans-1,4-Dichloro-2-butene
AWB01501AZ	AWB01501AZ	6/1/2004	ICPP-1831	trans-1,4-Dichloro-2-butene	1	U		UG/L	GRAB	trans-1,4-Dichloro-2-butene
AWB02901AV	AWB02301AV	9/7/2004	ICPP-1831	trans-1,4-Dichloro-2-butene	2	U	UJ	UG/L	GRAB	trans-1,4-Dichloro-2-butene
AWB03001AV	AWB03001AV	12/21/2004	ICPP-1831	trans-1,4-Dichloro-2-butene	2	U	R	UG/L	GRAB	trans-1,4-Dichloro-2-butene
AWB04001AV	AWB04001AV	6/1/2005	ICPP-1831	trans-1,4-Dichloro-2-butene	1	U		UG/L	GRAB	trans-1,4-Dichloro-2-butene
AWB10101AV	AWB10101AV(1)	9/13/2005	ICPP-1831	trans-1,4-Dichloro-2-butene	1	U		UG/L	GRAB	trans-1,4-Dichloro-2-butene
SEMN0201AV	SEMN0001AV	6/25/2003	USGS-123	trans-1,4-Dichloro-2-butene	5	U	R	UG/L	GRAB	trans-1,4-Dichloro-2-butene
SEM10001AV	SEM10901AV(1)	9/22/2003	USGS-123	trans-1,4-Dichloro-2-butene	5	U	R	UG/L	GRAB	trans-1,4-Dichloro-2-butene
SEMN7901AV	SEMN7601AV	12/17/2003	USGS-123	trans-1,4-Dichloro-2-butene	5	U		UG/L	GRAB	trans-1,4-Dichloro-2-butene
AWB00701AV	AWB01201AV	3/29/2004	USGS-123	trans-1,4-Dichloro-2-butene	1	U	UJ	UG/L	GRAB	trans-1,4-Dichloro-2-butene
AWB09901AV	AWB02002AV	6/16/2004	USGS-123	trans-1,4-Dichloro-2-butene	1	U		UG/L	FIELD DUPLICATE	trans-1,4-Dichloro-2-butene
AWB09901AV	AWB02001AZ	6/16/2004	USGS-123	trans-1,4-Dichloro-2-butene	1	U		UG/L	GRAB	trans-1,4-Dichloro-2-butene
AWB09901AV	AWB02001AV	6/16/2004	USGS-123	trans-1,4-Dichloro-2-butene	1	U		UG/L	GRAB	trans-1,4-Dichloro-2-butene
AWB03001AV	AWB03502AV	12/20/2004	USGS-123	trans-1,4-Dichloro-2-butene	2	U	R	UG/L	FIELD DUPLICATE	trans-1,4-Dichloro-2-butene
AWB03001AV	AWB03501AV	12/20/2004	USGS-123	trans-1,4-Dichloro-2-butene	2	U	R	UG/L	GRAB	trans-1,4-Dichloro-2-butene
AWB03901AV	AWB03802AV	3/7/2005	USGS-123	trans-1,4-Dichloro-2-butene	1	U		UG/L	FIELD DUPLICATE	trans-1,4-Dichloro-2-butene
AWB03901AV	AWB03801A2	3/7/2005	USGS-123	trans-1,4-Dichloro-2-butene	1	U		UG/L	GRAB	trans-1,4-Dichloro-2-butene
AWB03901AV	AWB03801AV	3/7/2005	USGS-123	trans-1,4-Dichloro-2-butene	1	U		UG/L	GRAB	trans-1,4-Dichloro-2-butene
AWB04001AV	AWB04502AV	5/31/2005	USGS-123	trans-1,4-Dichloro-2-butene	1	U		UG/L	FIELD DUPLICATE	trans-1,4-Dichloro-2-butene
AWB04001AV	AWB04501AV	5/31/2005	USGS-123	trans-1,4-Dichloro-2-butene	1	U		UG/L	GRAB	trans-1,4-Dichloro-2-butene
AWB10101AV	AWB10602AV	9/14/2005	USGS-123	trans-1,4-Dichloro-2-butene	1	U		UG/L	FIELD DUPLICATE	trans-1,4-Dichloro-2-butene
AWB10101AV	AWB10601AV	9/14/2005	USGS-123	trans-1,4-Dichloro-2-butene	1	U		UG/L	GRAB	trans-1,4-Dichloro-2-butene
SEMN0201AV	SEMN0202AV	6/24/2003	ICPP-1782	Trichloroethene	1	U		UG/L	FIELD DUPLICATE	Trichloroethene
SEMN0201AV	SEMN0201AV	6/24/2003	ICPP-1782	Trichloroethene	1	U		UG/L	GRAB	Trichloroethene
SEM10001AV	SEM10102AV	9/23/2003	ICPP-1782	Trichloroethene	1	U		UG/L	FIELD DUPLICATE	Trichloroethene
SEM10001AV	SEM10101AV	9/23/2003	ICPP-1782	Trichloroethene	1	U		UG/L	GRAB	Trichloroethene
SEMN7901AV	SEMN7801AV	12/16/2003	ICPP-1782	Trichloroethene	1	U		UG/L	GRAB	Trichloroethylene
AWB00701AV	AWB00801AZ	3/29/2004	ICPP-1782	Trichloroethene	1	U		UG/L	GRAB	Trichloroethene
AWB01501AZ	AWB01602AV	6/1/2004	ICPP-1782	Trichloroethene	1	U		UG/L	FIELD DUPLICATE	Trichloroethene
AWB01501AZ	AWB01601AV	6/1/2004	ICPP-1782	Trichloroethene	1	U		UG/L	GRAB	Trichloroethene

Table B-1. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
AWB02901AV	AWB02401AV	9/7/2004	ICPP-1782	Trichloroethene	1	U		UG/L	GRAB	Trichloroethene
AWB03001AV	AWB03101AV	12/21/2004	ICPP-1782	Trichloroethene	1	U		UG/L	GRAB	Trichloroethene
AWB04001AV	AWB04101AV	6/1/2005	ICPP-1782	Trichloroethene	1	U		UG/L	GRAB	Trichloroethene
AWB10101AV	AWB10201AV	9/13/2005	ICPP-1782	Trichloroethene	1	U		UG/L	GRAB	Trichloroethene
SEMN0201AV	SEMN0301AV	6/24/2003	ICPP-1783	Trichloroethene	1	U		UG/L	GRAB	Trichloroethene
SEM10001AV	SEM10801AV	9/24/2003	ICPP-1783	Trichloroethene	1	U		UG/L	GRAB	Trichloroethene
SEMN7901AV	SEMN7901AV	12/16/2003	ICPP-1783	Trichloroethene	1	U		UG/L	GRAB	Trichloroethylene
AWB00701AV	AWB00901AV	3/29/2004	ICPP-1783	Trichloroethene	1	U		UG/L	GRAB	Trichloroethene
AWB01501AZ	AWB01701AV	6/2/2004	ICPP-1783	Trichloroethene	1	U		UG/L	GRAB	Trichloroethene
AWB02901AV	AWB02501AV	9/7/2004	ICPP-1783	Trichloroethene	1	U		UG/L	GRAB	Trichloroethene
AWB03001AV	AWB03201AV	12/21/2004	ICPP-1783	Trichloroethene	1	U		UG/L	GRAB	Trichloroethene
AWB04001AV	AWB04201AV	6/1/2005	ICPP-1783	Trichloroethene	1	U		UG/L	GRAB	Trichloroethene
AWB10101AV	AWB10301AV	9/13/2005	ICPP-1783	Trichloroethene	1	U		UG/L	GRAB	Trichloroethene
SEMN0201AV	SEMN0401AV	6/24/2003	ICPP-1800	Trichloroethene	1	U		UG/L	GRAB	Trichloroethene
SEM10001AV	SEM10201AV	9/24/2003	ICPP-1800	Trichloroethene	1	U		UG/L	GRAB	Trichloroethene
SEMN7901AV	SEMN8001AZ	12/17/2003	ICPP-1800	Trichloroethene	1	U		UG/L	GRAB	Trichloroethylene
AWB00701AV	AWB01001AV	3/29/2004	ICPP-1800	Trichloroethene	1	U		UG/L	GRAB	Trichloroethene
AWB01501AZ	AWB01801AV	6/1/2004	ICPP-1800	Trichloroethene	1	U		UG/L	GRAB	Trichloroethene
AWB02901AV	AWB02601AZ	9/8/2004	ICPP-1800	Trichloroethene	1	U		UG/L	GRAB	Trichloroethene
AWB03001AV	AWB03301AZ	12/21/2004	ICPP-1800	Trichloroethene	1	U		UG/L	GRAB	Trichloroethene
AWB04001AV	AWB04301AV	5/31/2005	ICPP-1800	Trichloroethene	1	U		UG/L	GRAB	Trichloroethene
AWB10101AV	AWB10401AV	9/13/2005	ICPP-1800	Trichloroethene	1	U		UG/L	GRAB	Trichloroethene
SEMN0201AV	SEMN0501AZ	6/25/2003	ICPP-1829	Trichloroethene	1	U		UG/L	GRAB	Trichloroethene
SEM10001AV	SEM10301AZ	9/24/2003	ICPP-1829	Trichloroethene	1	U		UG/L	GRAB	Trichloroethene
SEMN7901AV	SEMN8102AV	12/17/2003	ICPP-1829	Trichloroethene	1	U		UG/L	FIELD DUPLICATE	Trichloroethylene
SEMN7901AV	SEMN8101AV	12/17/2003	ICPP-1829	Trichloroethene	1	U		UG/L	GRAB	Trichloroethylene
AWB00701AV	AWB01101AV	3/29/2004	ICPP-1829	Trichloroethene	1	U	UJ	UG/L	GRAB	Trichloroethene
AWB01501AZ	AWB01901AV	6/2/2004	ICPP-1829	Trichloroethene	1	U		UG/L	GRAB	Trichloroethene
AWB02901AV	AWB02702AV	9/8/2004	ICPP-1829	Trichloroethene	1	U		UG/L	FIELD DUPLICATE	Trichloroethene
AWB02901AV	AWB02701AV	9/8/2004	ICPP-1829	Trichloroethene	1	U		UG/L	GRAB	Trichloroethene
AWB03001AV	AWB03401AV	12/21/2004	ICPP-1829	Trichloroethene	1	U		UG/L	GRAB	Trichloroethene
AWB04001AV	AWB04401AV	5/31/2005	ICPP-1829	Trichloroethene	1	U		UG/L	GRAB	Trichloroethene
AWB10101AV	AWB10501AV	9/14/2005	ICPP-1829	Trichloroethene	1	U		UG/L	GRAB	Trichloroethene
SEMN0201AV	SEMN0101AV	6/24/2003	ICPP-1831	Trichloroethene	1	U		UG/L	GRAB	Trichloroethene
SEM10001AV	SEM10001AV	9/23/2003	ICPP-1831	Trichloroethene	1	U		UG/L	GRAB	Trichloroethene
SEMN7901AV	SEMN7701AV	12/16/2003	ICPP-1831	Trichloroethene	1	U		UG/L	GRAB	Trichloroethylene
AWB00701AV	AWB00702AV	3/29/2004	ICPP-1831	Trichloroethene	1	U		UG/L	FIELD DUPLICATE	Trichloroethene
AWB00701AV	AWB00701AV	3/29/2004	ICPP-1831	Trichloroethene	1	U		UG/L	GRAB	Trichloroethene
AWB01501AZ	AWB01501AZ	6/1/2004	ICPP-1831	Trichloroethene	1	U		UG/L	GRAB	Trichloroethene
AWB02901AV	AWB02301AV	9/7/2004	ICPP-1831	Trichloroethene	1	U		UG/L	GRAB	Trichloroethene
AWB03001AV	AWB03001AV	12/21/2004	ICPP-1831	Trichloroethene	1	U		UG/L	GRAB	Trichloroethene
AWB04001AV	AWB04001AV	6/1/2005	ICPP-1831	Trichloroethene	1	U		UG/L	GRAB	Trichloroethene
AWB10101AV	AWB10101AV(1)	9/13/2005	ICPP-1831	Trichloroethene	1	U		UG/L	GRAB	Trichloroethene
SEMN0201AV	SEMN0001AV	6/25/2003	USGS-123	Trichloroethene	1	U		UG/L	GRAB	Trichloroethene
SEM10001AV	SEM10901AV	9/22/2003	USGS-123	Trichloroethene	1	U		UG/L	GRAB	Trichloroethene
AWB00701AV	AWB01201AV	3/29/2004	USGS-123	Trichloroethene	1	U	UJ	UG/L	GRAB	Trichloroethene
AWB09901AV	AWB02002AV	6/16/2004	USGS-123	Trichloroethene	1	U		UG/L	FIELD DUPLICATE	Trichloroethene
AWB09901AV	AWB02001AZ	6/16/2004	USGS-123	Trichloroethene	1	U		UG/L	GRAB	Trichloroethene
AWB09901AV	AWB02001AV	6/16/2004	USGS-123	Trichloroethene	1	U		UG/L	GRAB	Trichloroethene
AWB03001AV	AWB03502AV	12/20/2004	USGS-123	Trichloroethene	1	U		UG/L	FIELD DUPLICATE	Trichloroethene
AWB03001AV	AWB03501AV	12/20/2004	USGS-123	Trichloroethene	1	U		UG/L	GRAB	Trichloroethene
AWB03901AV	AWB03802AV	3/7/2005	USGS-123	Trichloroethene	1	U		UG/L	FIELD DUPLICATE	Trichloroethene
AWB03901AV	AWB03801A2	3/7/2005	USGS-123	Trichloroethene	1	U		UG/L	GRAB	Trichloroethene
AWB03901AV	AWB03801AV	3/7/2005	USGS-123	Trichloroethene	1	U		UG/L	GRAB	Trichloroethene
AWB04001AV	AWB04502AV	5/31/2005	USGS-123	Trichloroethene	1	U		UG/L	FIELD DUPLICATE	Trichloroethene
AWB04001AV	AWB04501AV	5/31/2005	USGS-123	Trichloroethene	1	U		UG/L	GRAB	Trichloroethene

Table B-1. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
AWB10101AV	AWB10602AV	9/14/2005	USGS-123	Trichloroethene	1	U		UG/L	FIELD DUPLICATE	Trichloroethene
AWB10101AV	AWB10601AV	9/14/2005	USGS-123	Trichloroethene	1	U		UG/L	GRAB	Trichloroethene
SEMN7901AV	SEMN7601AV	12/17/2003	USGS-123	Trichloroethylene	1	U		UG/L	GRAB	Trichloroethylene
SEMN0201AV	SEMN0202AV	6/24/2003	ICPP-1782	Trichlorofluoromethane	1	U		UG/L	FIELD DUPLICATE	Trichlorofluoromethane
SEMN0201AV	SEMN0201AV	6/24/2003	ICPP-1782	Trichlorofluoromethane	1	U		UG/L	GRAB	Trichlorofluoromethane
SEM10001AV	SEM10102AV	9/23/2003	ICPP-1782	Trichlorofluoromethane	1	U		UG/L	FIELD DUPLICATE	Trichlorofluoromethane
SEM10001AV	SEM10101AV	9/23/2003	ICPP-1782	Trichlorofluoromethane	1	U		UG/L	GRAB	Trichlorofluoromethane
SEMN7901AV	SEMN7801AV	12/16/2003	ICPP-1782	Trichlorofluoromethane	1	U		UG/L	GRAB	Trichlorofluoromethane
AWB00701AV	AWB00801AZ	3/29/2004	ICPP-1782	Trichlorofluoromethane	1	U		UG/L	GRAB	Trichlorofluoromethane
AWB01501AZ	AWB01602AV	6/1/2004	ICPP-1782	Trichlorofluoromethane	1	U		UG/L	FIELD DUPLICATE	Trichlorofluoromethane
AWB01501AZ	AWB01601AV	6/1/2004	ICPP-1782	Trichlorofluoromethane	1	U		UG/L	GRAB	Trichlorofluoromethane
AWB02901AV	AWB02401AV	9/7/2004	ICPP-1782	Trichlorofluoromethane	1	U		UG/L	GRAB	Trichlorofluoromethane
AWB03001AV	AWB03101AV	12/21/2004	ICPP-1782	Trichlorofluoromethane	1	U		UG/L	GRAB	Trichlorofluoromethane
AWB04001AV	AWB04101AV	6/1/2005	ICPP-1782	Trichlorofluoromethane	1	U		UG/L	GRAB	Trichlorofluoromethane
AWB10101AV	AWB10201AV	9/13/2005	ICPP-1782	Trichlorofluoromethane	1	U		UG/L	GRAB	Trichlorofluoromethane
SEMN0201AV	SEMN0301AV	6/24/2003	ICPP-1783	Trichlorofluoromethane	1	U		UG/L	GRAB	Trichlorofluoromethane
SEM10001AV	SEM10801AV	9/24/2003	ICPP-1783	Trichlorofluoromethane	1	U		UG/L	GRAB	Trichlorofluoromethane
SEMN7901AV	SEMN7901AV	12/16/2003	ICPP-1783	Trichlorofluoromethane	1	U		UG/L	GRAB	Trichlorofluoromethane
AWB00701AV	AWB00901AV	3/29/2004	ICPP-1783	Trichlorofluoromethane	1	U		UG/L	GRAB	Trichlorofluoromethane
AWB01501AZ	AWB01701AV	6/2/2004	ICPP-1783	Trichlorofluoromethane	1	U		UG/L	GRAB	Trichlorofluoromethane
AWB02901AV	AWB02501AV	9/7/2004	ICPP-1783	Trichlorofluoromethane	1	U		UG/L	GRAB	Trichlorofluoromethane
AWB03001AV	AWB03201AV	12/21/2004	ICPP-1783	Trichlorofluoromethane	1	U		UG/L	GRAB	Trichlorofluoromethane
AWB04001AV	AWB04201AV	6/1/2005	ICPP-1783	Trichlorofluoromethane	1	U		UG/L	GRAB	Trichlorofluoromethane
AWB10101AV	AWB10301AV	9/13/2005	ICPP-1783	Trichlorofluoromethane	1	U		UG/L	GRAB	Trichlorofluoromethane
SEMN0201AV	SEMN0401AV	6/24/2003	ICPP-1800	Trichlorofluoromethane	1	U		UG/L	GRAB	Trichlorofluoromethane
SEM10001AV	SEM10201AV	9/24/2003	ICPP-1800	Trichlorofluoromethane	1	U		UG/L	GRAB	Trichlorofluoromethane
SEMN7901AV	SEMN8001AZ	12/17/2003	ICPP-1800	Trichlorofluoromethane	1	U		UG/L	GRAB	Trichlorofluoromethane
AWB00701AV	AWB01001AV	3/29/2004	ICPP-1800	Trichlorofluoromethane	1	U		UG/L	GRAB	Trichlorofluoromethane
AWB01501AZ	AWB01801AV	6/1/2004	ICPP-1800	Trichlorofluoromethane	1	U		UG/L	GRAB	Trichlorofluoromethane
AWB02901AV	AWB02601AZ	9/8/2004	ICPP-1800	Trichlorofluoromethane	1	U		UG/L	GRAB	Trichlorofluoromethane
AWB03001AV	AWB03301AZ	12/21/2004	ICPP-1800	Trichlorofluoromethane	1	U		UG/L	GRAB	Trichlorofluoromethane
AWB04001AV	AWB04301AV	5/31/2005	ICPP-1800	Trichlorofluoromethane	1	U		UG/L	GRAB	Trichlorofluoromethane
AWB10101AV	AWB10401AV	9/13/2005	ICPP-1800	Trichlorofluoromethane	1	U		UG/L	GRAB	Trichlorofluoromethane
SEMN0201AV	SEMN0501AZ	6/25/2003	ICPP-1829	Trichlorofluoromethane	1	U		UG/L	GRAB	Trichlorofluoromethane
SEM10001AV	SEM10301AZ	9/24/2003	ICPP-1829	Trichlorofluoromethane	1	U		UG/L	GRAB	Trichlorofluoromethane
SEMN7901AV	SEMN8102AV	12/17/2003	ICPP-1829	Trichlorofluoromethane	1	U		UG/L	FIELD DUPLICATE	Trichlorofluoromethane
SEMN7901AV	SEMN8101AV	12/17/2003	ICPP-1829	Trichlorofluoromethane	1	U		UG/L	GRAB	Trichlorofluoromethane
AWB00701AV	AWB01101AV	3/29/2004	ICPP-1829	Trichlorofluoromethane	1	U	UJ	UG/L	GRAB	Trichlorofluoromethane
AWB01501AZ	AWB01901AV	6/2/2004	ICPP-1829	Trichlorofluoromethane	1	U		UG/L	GRAB	Trichlorofluoromethane
AWB02901AV	AWB02702AV	9/8/2004	ICPP-1829	Trichlorofluoromethane	1	U		UG/L	FIELD DUPLICATE	Trichlorofluoromethane
AWB02901AV	AWB02701AV	9/8/2004	ICPP-1829	Trichlorofluoromethane	1	U		UG/L	GRAB	Trichlorofluoromethane
AWB03001AV	AWB03401AV	12/21/2004	ICPP-1829	Trichlorofluoromethane	1	U		UG/L	GRAB	Trichlorofluoromethane
AWB04001AV	AWB04401AV	5/31/2005	ICPP-1829	Trichlorofluoromethane	1	U		UG/L	GRAB	Trichlorofluoromethane
AWB10101AV	AWB10501AV	9/14/2005	ICPP-1829	Trichlorofluoromethane	1	U		UG/L	GRAB	Trichlorofluoromethane
SEMN0201AV	SEMN0101AV	6/24/2003	ICPP-1831	Trichlorofluoromethane	1	U		UG/L	GRAB	Trichlorofluoromethane
SEM10001AV	SEM10001AV	9/23/2003	ICPP-1831	Trichlorofluoromethane	1	U		UG/L	GRAB	Trichlorofluoromethane
SEMN7901AV	SEMN7701AV	12/16/2003	ICPP-1831	Trichlorofluoromethane	1	U		UG/L	GRAB	Trichlorofluoromethane
AWB00701AV	AWB00702AV	3/29/2004	ICPP-1831	Trichlorofluoromethane	1	U		UG/L	FIELD DUPLICATE	Trichlorofluoromethane
AWB00701AV	AWB00701AV	3/29/2004	ICPP-1831	Trichlorofluoromethane	1	U		UG/L	GRAB	Trichlorofluoromethane
AWB01501AZ	AWB01501AZ	6/1/2004	ICPP-1831	Trichlorofluoromethane	1	U		UG/L	GRAB	Trichlorofluoromethane
AWB02901AV	AWB02301AV	9/7/2004	ICPP-1831	Trichlorofluoromethane	1	U		UG/L	GRAB	Trichlorofluoromethane
AWB03001AV	AWB03001AV	12/21/2004	ICPP-1831	Trichlorofluoromethane	1	U		UG/L	GRAB	Trichlorofluoromethane
AWB04001AV	AWB04001AV	6/1/2005	ICPP-1831	Trichlorofluoromethane	1	U		UG/L	GRAB	Trichlorofluoromethane
AWB10101AV	AWB10101AV(1)	9/13/2005	ICPP-1831	Trichlorofluoromethane	1	U		UG/L	GRAB	Trichlorofluoromethane
SEMN0201AV	SEMN0001AV	6/25/2003	USGS-123	Trichlorofluoromethane	1	U		UG/L	GRAB	Trichlorofluoromethane
SEM10001AV	SEM10901AV	9/22/2003	USGS-123	Trichlorofluoromethane	1	U		UG/L	GRAB	Trichlorofluoromethane

Table B-1. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
SEMN7901AV	SEMN7601AV	12/17/2003	USGS-123	Trichlorofluoromethane	1	U		UG/L	GRAB	Trichlorofluoromethane
AWB00701AV	AWB01201AV	3/29/2004	USGS-123	Trichlorofluoromethane	1	U	UJ	UG/L	GRAB	Trichlorofluoromethane
AWB09901AV	AWB02002AV	6/16/2004	USGS-123	Trichlorofluoromethane	1	U		UG/L	FIELD DUPLICATE	Trichlorofluoromethane
AWB09901AV	AWB02001AZ	6/16/2004	USGS-123	Trichlorofluoromethane	1	U		UG/L	GRAB	Trichlorofluoromethane
AWB09901AV	AWB02001AV	6/16/2004	USGS-123	Trichlorofluoromethane	1	U		UG/L	GRAB	Trichlorofluoromethane
AWB03001AV	AWB03502AV	12/20/2004	USGS-123	Trichlorofluoromethane	1	U		UG/L	FIELD DUPLICATE	Trichlorofluoromethane
AWB03001AV	AWB03501AV	12/20/2004	USGS-123	Trichlorofluoromethane	1	U		UG/L	GRAB	Trichlorofluoromethane
AWB03901AV	AWB03802AV	3/7/2005	USGS-123	Trichlorofluoromethane	1	U		UG/L	FIELD DUPLICATE	Trichlorofluoromethane
AWB03901AV	AWB03801A2	3/7/2005	USGS-123	Trichlorofluoromethane	1	U		UG/L	GRAB	Trichlorofluoromethane
AWB03901AV	AWB03801AV	3/7/2005	USGS-123	Trichlorofluoromethane	1	U		UG/L	GRAB	Trichlorofluoromethane
AWB04001AV	AWB04502AV	5/31/2005	USGS-123	Trichlorofluoromethane	1	U		UG/L	FIELD DUPLICATE	Trichlorofluoromethane
AWB04001AV	AWB04501AV	5/31/2005	USGS-123	Trichlorofluoromethane	1	U		UG/L	GRAB	Trichlorofluoromethane
AWB10101AV	AWB10602AV	9/14/2005	USGS-123	Trichlorofluoromethane	1	U		UG/L	FIELD DUPLICATE	Trichlorofluoromethane
AWB10101AV	AWB10601AV	9/14/2005	USGS-123	Trichlorofluoromethane	1	U		UG/L	GRAB	Trichlorofluoromethane
SEMN0201AV	SEMN0202AV	6/24/2003	ICPP-1782	Vinyl Acetate	5	U	R	UG/L	FIELD DUPLICATE	Vinyl Acetate
SEMN0201AV	SEMN0201AV	6/24/2003	ICPP-1782	Vinyl Acetate	5	U	R	UG/L	GRAB	Vinyl Acetate
SEM10001AV	SEM10102AV	9/23/2003	ICPP-1782	Vinyl Acetate	5	U		UG/L	FIELD DUPLICATE	Vinyl Acetate
SEM10001AV	SEM10101AV	9/23/2003	ICPP-1782	Vinyl Acetate	5	U		UG/L	GRAB	Vinyl Acetate
SEMN7901AV	SEMN7801AV	12/16/2003	ICPP-1782	Vinyl Acetate	5	U		UG/L	GRAB	Vinyl Acetate
AWB00701AV	AWB00801AZ	3/29/2004	ICPP-1782	Vinyl Acetate	5	U		UG/L	GRAB	Vinyl Acetate
AWB01501AZ	AWB01602AV	6/1/2004	ICPP-1782	Vinyl Acetate	5	U		UG/L	FIELD DUPLICATE	Vinyl Acetate
AWB01501AZ	AWB01601AV	6/1/2004	ICPP-1782	Vinyl Acetate	5	U		UG/L	GRAB	Vinyl Acetate
AWB02901AV	AWB02401AV	9/7/2004	ICPP-1782	Vinyl Acetate	5	U		UG/L	GRAB	Vinyl Acetate
AWB03001AV	AWB03101AV	12/21/2004	ICPP-1782	Vinyl Acetate	5	U		UG/L	GRAB	Vinyl Acetate
AWB04001AV	AWB04101AV	6/1/2005	ICPP-1782	Vinyl Acetate	5	U		UG/L	GRAB	Vinyl Acetate
AWB10101AV	AWB10201AV	9/13/2005	ICPP-1782	Vinyl Acetate	5	U		UG/L	GRAB	Vinyl Acetate
SEMN0201AV	SEMN0301AV	6/24/2003	ICPP-1783	Vinyl Acetate	5	U	R	UG/L	GRAB	Vinyl Acetate
SEM10001AV	SEM10801AV	9/24/2003	ICPP-1783	Vinyl Acetate	5	U		UG/L	GRAB	Vinyl Acetate
SEMN7901AV	SEMN7901AV	12/16/2003	ICPP-1783	Vinyl Acetate	5	U		UG/L	GRAB	Vinyl Acetate
AWB00701AV	AWB00901AV	3/29/2004	ICPP-1783	Vinyl Acetate	5	U		UG/L	GRAB	Vinyl Acetate
AWB01501AZ	AWB01701AV	6/2/2004	ICPP-1783	Vinyl Acetate	5	U		UG/L	GRAB	Vinyl Acetate
AWB02901AV	AWB02501AV	9/7/2004	ICPP-1783	Vinyl Acetate	5	U		UG/L	GRAB	Vinyl Acetate
AWB03001AV	AWB03201AV	12/21/2004	ICPP-1783	Vinyl Acetate	5	U		UG/L	GRAB	Vinyl Acetate
AWB04001AV	AWB04201AV	6/1/2005	ICPP-1783	Vinyl Acetate	5	U		UG/L	GRAB	Vinyl Acetate
AWB10101AV	AWB10301AV	9/13/2005	ICPP-1783	Vinyl Acetate	5	U		UG/L	GRAB	Vinyl Acetate
SEMN0201AV	SEMN0401AV	6/24/2003	ICPP-1800	Vinyl Acetate	5	U	R	UG/L	GRAB	Vinyl Acetate
SEM10001AV	SEM10201AV	9/24/2003	ICPP-1800	Vinyl Acetate	5	U		UG/L	GRAB	Vinyl Acetate
SEMN7901AV	SEMN8001AZ	12/17/2003	ICPP-1800	Vinyl Acetate	5	U		UG/L	GRAB	Vinyl Acetate
AWB00701AV	AWB01001AV	3/29/2004	ICPP-1800	Vinyl Acetate	5	U		UG/L	GRAB	Vinyl Acetate
AWB01501AZ	AWB01801AV	6/1/2004	ICPP-1800	Vinyl Acetate	5	U		UG/L	GRAB	Vinyl Acetate
AWB02901AV	AWB02601AZ	9/8/2004	ICPP-1800	Vinyl Acetate	5	U		UG/L	GRAB	Vinyl Acetate
AWB03001AV	AWB03301AZ	12/21/2004	ICPP-1800	Vinyl Acetate	5	U		UG/L	GRAB	Vinyl Acetate
AWB04001AV	AWB04301AV	5/31/2005	ICPP-1800	Vinyl Acetate	5	U		UG/L	GRAB	Vinyl Acetate
AWB10101AV	AWB10401AV	9/13/2005	ICPP-1800	Vinyl Acetate	5	U		UG/L	GRAB	Vinyl Acetate
SEMN0201AV	SEMN0501AZ	6/25/2003	ICPP-1829	Vinyl Acetate	5	U	R	UG/L	GRAB	Vinyl Acetate
SEM10001AV	SEM10301AZ	9/24/2003	ICPP-1829	Vinyl Acetate	5	U		UG/L	GRAB	Vinyl Acetate
SEMN7901AV	SEMN8102AV	12/17/2003	ICPP-1829	Vinyl Acetate	5	U		UG/L	FIELD DUPLICATE	Vinyl Acetate
SEMN7901AV	SEMN8101AV	12/17/2003	ICPP-1829	Vinyl Acetate	5	U		UG/L	GRAB	Vinyl Acetate
AWB00701AV	AWB01101AV	3/29/2004	ICPP-1829	Vinyl Acetate	5	U	UJ	UG/L	GRAB	Vinyl Acetate
AWB01501AZ	AWB01901AV	6/2/2004	ICPP-1829	Vinyl Acetate	5	U		UG/L	GRAB	Vinyl Acetate
AWB02901AV	AWB02702AV	9/8/2004	ICPP-1829	Vinyl Acetate	5	U		UG/L	FIELD DUPLICATE	Vinyl Acetate
AWB02901AV	AWB02701AV	9/8/2004	ICPP-1829	Vinyl Acetate	5	U		UG/L	GRAB	Vinyl Acetate
AWB03001AV	AWB03401AV	12/21/2004	ICPP-1829	Vinyl Acetate	5	U		UG/L	GRAB	Vinyl Acetate
AWB04001AV	AWB04401AV	5/31/2005	ICPP-1829	Vinyl Acetate	5	U		UG/L	GRAB	Vinyl Acetate
AWB10101AV	AWB10501AV	9/14/2005	ICPP-1829	Vinyl Acetate	5	U		UG/L	GRAB	Vinyl Acetate
SEMN0201AV	SEMN0101AV	6/24/2003	ICPP-1831	Vinyl Acetate	5	U	R	UG/L	GRAB	Vinyl Acetate

Table B-1. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
SEM10001AV	SEM10001AV	9/23/2003	ICPP-1831	Vinyl Acetate	5	U		UG/L	GRAB	Vinyl Acetate
SEMN7901AV	SEMN7701AV	12/16/2003	ICPP-1831	Vinyl Acetate	5	U		UG/L	GRAB	Vinyl Acetate
AWB00701AV	AWB00702AV	3/29/2004	ICPP-1831	Vinyl Acetate	5	U		UG/L	FIELD DUPLICATE	Vinyl Acetate
AWB00701AV	AWB00701AV	3/29/2004	ICPP-1831	Vinyl Acetate	5	U		UG/L	GRAB	Vinyl Acetate
AWB01501AZ	AWB01501AZ	6/1/2004	ICPP-1831	Vinyl Acetate	5	U		UG/L	GRAB	Vinyl Acetate
AWB02901AV	AWB02301AV	9/7/2004	ICPP-1831	Vinyl Acetate	5	U		UG/L	GRAB	Vinyl Acetate
AWB03001AV	AWB03001AV	12/21/2004	ICPP-1831	Vinyl Acetate	5	U		UG/L	GRAB	Vinyl Acetate
AWB04001AV	AWB04001AV	6/1/2005	ICPP-1831	Vinyl Acetate	5	U		UG/L	GRAB	Vinyl Acetate
AWB10101AV	AWB10101AV(1)	9/13/2005	ICPP-1831	Vinyl Acetate	5	U		UG/L	GRAB	Vinyl Acetate
SEMN0201AV	SEMN0001AV	6/25/2003	USGS-123	Vinyl Acetate	5	U	R	UG/L	GRAB	Vinyl Acetate
SEM10001AV	SEM10901AV	9/22/2003	USGS-123	Vinyl Acetate	5	U		UG/L	GRAB	Vinyl Acetate
SEMN7901AV	SEMN7601AV	12/17/2003	USGS-123	Vinyl Acetate	5	U		UG/L	GRAB	Vinyl Acetate
AWB00701AV	AWB01201AV	3/29/2004	USGS-123	Vinyl Acetate	5	U	UJ	UG/L	GRAB	Vinyl Acetate
AWB09901AV	AWB02002AV	6/16/2004	USGS-123	Vinyl Acetate	5	U		UG/L	FIELD DUPLICATE	Vinyl Acetate
AWB09901AV	AWB02001AZ	6/16/2004	USGS-123	Vinyl Acetate	5	U		UG/L	GRAB	Vinyl Acetate
AWB09901AV	AWB02001AV	6/16/2004	USGS-123	Vinyl Acetate	5	U		UG/L	GRAB	Vinyl Acetate
AWB03001AV	AWB03502AV	12/20/2004	USGS-123	Vinyl Acetate	5	U		UG/L	FIELD DUPLICATE	Vinyl Acetate
AWB03001AV	AWB03501AV	12/20/2004	USGS-123	Vinyl Acetate	5	U		UG/L	GRAB	Vinyl Acetate
AWB03901AV	AWB03802AV	3/7/2005	USGS-123	Vinyl Acetate	5	U	UJ	UG/L	FIELD DUPLICATE	Vinyl Acetate
AWB03901AV	AWB03801A2	3/7/2005	USGS-123	Vinyl Acetate	5	U	UJ	UG/L	GRAB	Vinyl Acetate
AWB03901AV	AWB03801AV	3/7/2005	USGS-123	Vinyl Acetate	5	U	UJ	UG/L	GRAB	Vinyl Acetate
AWB04001AV	AWB04502AV	5/31/2005	USGS-123	Vinyl Acetate	5	U		UG/L	FIELD DUPLICATE	Vinyl Acetate
AWB04001AV	AWB04501AV	5/31/2005	USGS-123	Vinyl Acetate	5	U		UG/L	GRAB	Vinyl Acetate
AWB10101AV	AWB10602AV	9/14/2005	USGS-123	Vinyl Acetate	5	U		UG/L	FIELD DUPLICATE	Vinyl Acetate
AWB10101AV	AWB10601AV	9/14/2005	USGS-123	Vinyl Acetate	5	U		UG/L	GRAB	Vinyl Acetate
SEMN0201AV	SEMN0202AV	6/24/2003	ICPP-1782	Vinyl Chloride	1	U		UG/L	FIELD DUPLICATE	Vinyl Chloride
SEMN0201AV	SEMN0201AV	6/24/2003	ICPP-1782	Vinyl Chloride	1	U		UG/L	GRAB	Vinyl Chloride
SEM10001AV	SEM10102AV	9/23/2003	ICPP-1782	Vinyl Chloride	1	U		UG/L	FIELD DUPLICATE	Vinyl Chloride
SEM10001AV	SEM10101AV	9/23/2003	ICPP-1782	Vinyl Chloride	1	U		UG/L	GRAB	Vinyl Chloride
SEMN7901AV	SEMN7801AV	12/16/2003	ICPP-1782	Vinyl Chloride	1	U		UG/L	GRAB	Vinyl Chloride
AWB00701AV	AWB00801AZ	3/29/2004	ICPP-1782	Vinyl Chloride	1	U		UG/L	GRAB	Vinyl Chloride
AWB01501AZ	AWB01602AV	6/1/2004	ICPP-1782	Vinyl Chloride	1	U		UG/L	FIELD DUPLICATE	Vinyl Chloride
AWB01501AZ	AWB01601AV	6/1/2004	ICPP-1782	Vinyl Chloride	1	U		UG/L	GRAB	Vinyl Chloride
AWB02901AV	AWB02401AV	9/7/2004	ICPP-1782	Vinyl Chloride	1	U		UG/L	GRAB	Vinyl Chloride
AWB03001AV	AWB03101AV	12/21/2004	ICPP-1782	Vinyl Chloride	1	U		UG/L	GRAB	Vinyl Chloride
AWB04001AV	AWB04101AV	6/1/2005	ICPP-1782	Vinyl Chloride	1	U		UG/L	GRAB	Vinyl Chloride
AWB10101AV	AWB10201AV	9/13/2005	ICPP-1782	Vinyl Chloride	1	U		UG/L	GRAB	Vinyl Chloride
SEMN0201AV	SEMN0301AV	6/24/2003	ICPP-1783	Vinyl Chloride	1	U		UG/L	GRAB	Vinyl Chloride
SEM10001AV	SEM10801AV	9/24/2003	ICPP-1783	Vinyl Chloride	1	U		UG/L	GRAB	Vinyl Chloride
SEMN7901AV	SEMN7901AV	12/16/2003	ICPP-1783	Vinyl Chloride	1	U		UG/L	GRAB	Vinyl Chloride
AWB00701AV	AWB00901AV	3/29/2004	ICPP-1783	Vinyl Chloride	1	U		UG/L	GRAB	Vinyl Chloride
AWB01501AZ	AWB01701AV	6/2/2004	ICPP-1783	Vinyl Chloride	1	U		UG/L	GRAB	Vinyl Chloride
AWB02901AV	AWB02501AV	9/7/2004	ICPP-1783	Vinyl Chloride	1	U		UG/L	GRAB	Vinyl Chloride
AWB03001AV	AWB03201AV	12/21/2004	ICPP-1783	Vinyl Chloride	1	U		UG/L	GRAB	Vinyl Chloride
AWB04001AV	AWB04201AV	6/1/2005	ICPP-1783	Vinyl Chloride	1	U		UG/L	GRAB	Vinyl Chloride
AWB10101AV	AWB10301AV	9/13/2005	ICPP-1783	Vinyl Chloride	1	U		UG/L	GRAB	Vinyl Chloride
SEMN0201AV	SEMN0401AV	6/24/2003	ICPP-1800	Vinyl Chloride	1	U		UG/L	GRAB	Vinyl Chloride
SEM10001AV	SEM10201AV	9/24/2003	ICPP-1800	Vinyl Chloride	1	U		UG/L	GRAB	Vinyl Chloride
SEMN7901AV	SEMN8001AZ	12/17/2003	ICPP-1800	Vinyl Chloride	1	U		UG/L	GRAB	Vinyl Chloride
AWB00701AV	AWB01001AV	3/29/2004	ICPP-1800	Vinyl Chloride	1	U		UG/L	GRAB	Vinyl Chloride
AWB01501AZ	AWB01801AV	6/1/2004	ICPP-1800	Vinyl Chloride	1	U		UG/L	GRAB	Vinyl Chloride
AWB02901AV	AWB02601AZ	9/8/2004	ICPP-1800	Vinyl Chloride	1	U		UG/L	GRAB	Vinyl Chloride
AWB03001AV	AWB03301AZ	12/21/2004	ICPP-1800	Vinyl Chloride	1	U		UG/L	GRAB	Vinyl Chloride
AWB04001AV	AWB04301AV	5/31/2005	ICPP-1800	Vinyl Chloride	1	U		UG/L	GRAB	Vinyl Chloride
AWB10101AV	AWB10401AV	9/13/2005	ICPP-1800	Vinyl Chloride	1	U		UG/L	GRAB	Vinyl Chloride
SEMN0201AV	SEMN0501AZ	6/25/2003	ICPP-1829	Vinyl Chloride	1	U		UG/L	GRAB	Vinyl Chloride

Table B-1. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
SEM10001AV	SEM10301AZ	9/24/2003	ICPP-1829	Vinyl Chloride	1	U		UG/L	GRAB	Vinyl Chloride
SEMN7901AV	SEMN8102AV	12/17/2003	ICPP-1829	Vinyl Chloride	1	U		UG/L	FIELD DUPLICATE	Vinyl Chloride
SEMN7901AV	SEMN8101AV	12/17/2003	ICPP-1829	Vinyl Chloride	1	U		UG/L	GRAB	Vinyl Chloride
AWB00701AV	AWB01101AV	3/29/2004	ICPP-1829	Vinyl Chloride	1	U		UG/L	GRAB	Vinyl Chloride
AWB01501AZ	AWB01901AV	6/2/2004	ICPP-1829	Vinyl Chloride	1	U		UG/L	GRAB	Vinyl Chloride
AWB02901AV	AWB02702AV	9/8/2004	ICPP-1829	Vinyl Chloride	1	U		UG/L	FIELD DUPLICATE	Vinyl Chloride
AWB02901AV	AWB02701AV	9/8/2004	ICPP-1829	Vinyl Chloride	1	U		UG/L	GRAB	Vinyl Chloride
AWB03001AV	AWB03401AV	12/21/2004	ICPP-1829	Vinyl Chloride	1	U		UG/L	GRAB	Vinyl Chloride
AWB04001AV	AWB04401AV	5/31/2005	ICPP-1829	Vinyl Chloride	1	U		UG/L	GRAB	Vinyl Chloride
AWB10101AV	AWB10501AV	9/14/2005	ICPP-1829	Vinyl Chloride	1	U		UG/L	GRAB	Vinyl Chloride
SEMN0201AV	SEMN0101AV	6/24/2003	ICPP-1831	Vinyl Chloride	1	U		UG/L	GRAB	Vinyl Chloride
SEM10001AV	SEM10001AV	9/23/2003	ICPP-1831	Vinyl Chloride	1	U		UG/L	GRAB	Vinyl Chloride
SEMN7901AV	SEMN7701AV	12/16/2003	ICPP-1831	Vinyl Chloride	1	U		UG/L	GRAB	Vinyl Chloride
AWB00701AV	AWB00702AV	3/29/2004	ICPP-1831	Vinyl Chloride	1	U		UG/L	FIELD DUPLICATE	Vinyl Chloride
AWB00701AV	AWB00701AV	3/29/2004	ICPP-1831	Vinyl Chloride	1	U		UG/L	GRAB	Vinyl Chloride
AWB01501AZ	AWB01501AZ	6/1/2004	ICPP-1831	Vinyl Chloride	1	U		UG/L	GRAB	Vinyl Chloride
AWB02901AV	AWB02301AV	9/7/2004	ICPP-1831	Vinyl Chloride	1	U		UG/L	GRAB	Vinyl Chloride
AWB03001AV	AWB03001AV	12/21/2004	ICPP-1831	Vinyl Chloride	1	U		UG/L	GRAB	Vinyl Chloride
AWB04001AV	AWB04001AV	6/1/2005	ICPP-1831	Vinyl Chloride	1	U		UG/L	GRAB	Vinyl Chloride
AWB10101AV	AWB10101AV(1)	9/13/2005	ICPP-1831	Vinyl Chloride	1	U		UG/L	GRAB	Vinyl Chloride
SEMN0201AV	SEMN0001AV	6/25/2003	USGS-123	Vinyl Chloride	1	U		UG/L	GRAB	Vinyl Chloride
SEM10001AV	SEM10901AV	9/22/2003	USGS-123	Vinyl Chloride	1	U		UG/L	GRAB	Vinyl Chloride
SEMN7901AV	SEMN7601AV	12/17/2003	USGS-123	Vinyl Chloride	1	U		UG/L	GRAB	Vinyl Chloride
AWB00701AV	AWB01201AV	3/29/2004	USGS-123	Vinyl Chloride	1	U		UG/L	GRAB	Vinyl Chloride
AWB09901AV	AWB02002AV	6/16/2004	USGS-123	Vinyl Chloride	1	U		UG/L	FIELD DUPLICATE	Vinyl Chloride
AWB09901AV	AWB02001AZ	6/16/2004	USGS-123	Vinyl Chloride	1	U		UG/L	GRAB	Vinyl Chloride
AWB09901AV	AWB02001AV	6/16/2004	USGS-123	Vinyl Chloride	1	U		UG/L	GRAB	Vinyl Chloride
AWB03001AV	AWB03502AV	12/20/2004	USGS-123	Vinyl Chloride	1	U		UG/L	FIELD DUPLICATE	Vinyl Chloride
AWB03001AV	AWB03501AV	12/20/2004	USGS-123	Vinyl Chloride	1	U		UG/L	GRAB	Vinyl Chloride
AWB03901AV	AWB03802AV	3/7/2005	USGS-123	Vinyl Chloride	1	U		UG/L	FIELD DUPLICATE	Vinyl Chloride
AWB03901AV	AWB03801A2	3/7/2005	USGS-123	Vinyl Chloride	1	U		UG/L	GRAB	Vinyl Chloride
AWB03901AV	AWB03801AV	3/7/2005	USGS-123	Vinyl Chloride	1	U		UG/L	GRAB	Vinyl Chloride
AWB04001AV	AWB04502AV	5/31/2005	USGS-123	Vinyl Chloride	1	U		UG/L	FIELD DUPLICATE	Vinyl Chloride
AWB04001AV	AWB04501AV	5/31/2005	USGS-123	Vinyl Chloride	1	U		UG/L	GRAB	Vinyl Chloride
AWB10101AV	AWB10602AV	9/14/2005	USGS-123	Vinyl Chloride	1	U		UG/L	FIELD DUPLICATE	Vinyl Chloride
AWB10101AV	AWB10601AV	9/14/2005	USGS-123	Vinyl Chloride	1	U		UG/L	GRAB	Vinyl Chloride
SEMN0201AV	SEMN0202AV	6/24/2003	ICPP-1782	Xylene (Total)	1	U		UG/L	FIELD DUPLICATE	Xylene (Total)
SEMN0201AV	SEMN0201AV	6/24/2003	ICPP-1782	Xylene (Total)	1	U		UG/L	GRAB	Xylene (Total)
SEM10001AV	SEM10102AV	9/23/2003	ICPP-1782	Xylene (Total)	1	U		UG/L	FIELD DUPLICATE	Xylene (Total)
SEM10001AV	SEM10101AV	9/23/2003	ICPP-1782	Xylene (Total)	1	U		UG/L	GRAB	Xylene (Total)
SEMN7901AV	SEMN7801AV	12/16/2003	ICPP-1782	Xylene (Total)	1	U		UG/L	GRAB	Xylene (Total)
AWB00701AV	AWB00801AZ	3/29/2004	ICPP-1782	Xylene (Total)	1	U		UG/L	GRAB	Xylene (Total)
AWB01501AZ	AWB01602AV	6/1/2004	ICPP-1782	Xylene (Total)	1	U	UJ	UG/L	FIELD DUPLICATE	Xylene (Total)
AWB01501AZ	AWB01601AV	6/1/2004	ICPP-1782	Xylene (Total)	1	U	UJ	UG/L	GRAB	Xylene (Total)
AWB02901AV	AWB02401AV	9/7/2004	ICPP-1782	Xylene (Total)	1	U	UJ	UG/L	GRAB	Xylene (Total)
AWB03001AV	AWB03101AV	12/21/2004	ICPP-1782	Xylene (Total)	1	U		UG/L	GRAB	Xylene (Total)
AWB04001AV	AWB04101AV	6/1/2005	ICPP-1782	Xylene (Total)	1	U		UG/L	GRAB	Xylene (Total)
AWB10101AV	AWB10201AV	9/13/2005	ICPP-1782	Xylene (Total)	1	U		UG/L	GRAB	Xylene (Total)
SEMN0201AV	SEMN0301AV	6/24/2003	ICPP-1783	Xylene (Total)	1	U		UG/L	GRAB	Xylene (Total)
SEM10001AV	SEM10801AV	9/24/2003	ICPP-1783	Xylene (Total)	0.4	J	J	UG/L	GRAB	Xylene (Total)
SEMN7901AV	SEMN7901AV	12/16/2003	ICPP-1783	Xylene (Total)	1	U		UG/L	GRAB	Xylene (Total)
AWB00701AV	AWB00901AV	3/29/2004	ICPP-1783	Xylene (Total)	1	U		UG/L	GRAB	Xylene (Total)
AWB01501AZ	AWB01701AV	6/2/2004	ICPP-1783	Xylene (Total)	1	U		UG/L	GRAB	Xylene (Total)
AWB02901AV	AWB02501AV	9/7/2004	ICPP-1783	Xylene (Total)	1	U	UJ	UG/L	GRAB	Xylene (Total)
AWB03001AV	AWB03201AV	12/21/2004	ICPP-1783	Xylene (Total)	1	U		UG/L	GRAB	Xylene (Total)
AWB04001AV	AWB04201AV	6/1/2005	ICPP-1783	Xylene (Total)	1	U		UG/L	GRAB	Xylene (Total)

Table B-1. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
AWB10101AV	AWB10301AV	9/13/2005	ICPP-1783	Xylene (Total)	1	U		UG/L	GRAB	Xylene (Total)
SEMN0201AV	SEMN0401AV	6/24/2003	ICPP-1800	Xylene (Total)	1	U		UG/L	GRAB	Xylene (Total)
SEM10001AV	SEM10201AV	9/24/2003	ICPP-1800	Xylene (Total)	1	U		UG/L	GRAB	Xylene (Total)
SEMN7901AV	SEMN8001AZ	12/17/2003	ICPP-1800	Xylene (Total)	1	U		UG/L	GRAB	Xylene (Total)
AWB00701AV	AWB01001AV	3/29/2004	ICPP-1800	Xylene (Total)	1	U		UG/L	GRAB	Xylene (Total)
AWB01501AZ	AWB01801AV	6/1/2004	ICPP-1800	Xylene (Total)	1	U	UJ	UG/L	GRAB	Xylene (Total)
AWB02901AV	AWB02601AZ	9/8/2004	ICPP-1800	Xylene (Total)	1	U	UJ	UG/L	GRAB	Xylene (Total)
AWB03001AV	AWB03301AZ	12/21/2004	ICPP-1800	Xylene (Total)	1	U		UG/L	GRAB	Xylene (Total)
AWB04001AV	AWB04301AV	5/31/2005	ICPP-1800	Xylene (Total)	1	U		UG/L	GRAB	Xylene (Total)
AWB10101AV	AWB10401AV	9/13/2005	ICPP-1800	Xylene (Total)	1	U		UG/L	GRAB	Xylene (Total)
SEMN0201AV	SEMN0501AZ	6/25/2003	ICPP-1829	Xylene (Total)	1	U		UG/L	GRAB	Xylene (Total)
SEM10001AV	SEM10301AZ	9/24/2003	ICPP-1829	Xylene (Total)	1	U		UG/L	GRAB	Xylene (Total)
SEMN7901AV	SEMN8102AV	12/17/2003	ICPP-1829	Xylene (Total)	1	U		UG/L	FIELD DUPLICATE	Xylene (Total)
SEMN7901AV	SEMN8101AV	12/17/2003	ICPP-1829	Xylene (Total)	1	U		UG/L	GRAB	Xylene (Total)
AWB00701AV	AWB01101AV	3/29/2004	ICPP-1829	Xylene (Total)	1	U	UJ	UG/L	GRAB	Xylene (Total)
AWB01501AZ	AWB01901AV	6/2/2004	ICPP-1829	Xylene (Total)	1	U		UG/L	GRAB	Xylene (Total)
AWB02901AV	AWB02702AV	9/8/2004	ICPP-1829	Xylene (Total)	1	U	UJ	UG/L	FIELD DUPLICATE	Xylene (Total)
AWB02901AV	AWB02701AV	9/8/2004	ICPP-1829	Xylene (Total)	1	U	UJ	UG/L	GRAB	Xylene (Total)
AWB03001AV	AWB03401AV	12/21/2004	ICPP-1829	Xylene (Total)	1	U		UG/L	GRAB	Xylene (Total)
AWB04001AV	AWB04401AV	5/31/2005	ICPP-1829	Xylene (Total)	1	U		UG/L	GRAB	Xylene (Total)
AWB10101AV	AWB10501AV	9/14/2005	ICPP-1829	Xylene (Total)	0.92	J	J	UG/L	GRAB	Xylene (Total)
SEMN0201AV	SEMN0101AV	6/24/2003	ICPP-1831	Xylene (Total)	1	U		UG/L	GRAB	Xylene (Total)
SEM10001AV	SEM10001AV	9/23/2003	ICPP-1831	Xylene (Total)	1	U		UG/L	GRAB	Xylene (Total)
SEMN7901AV	SEMN7701AV	12/16/2003	ICPP-1831	Xylene (Total)	1	U		UG/L	GRAB	Xylene (Total)
AWB00701AV	AWB00702AV	3/29/2004	ICPP-1831	Xylene (Total)	1	U		UG/L	FIELD DUPLICATE	Xylene (Total)
AWB00701AV	AWB00701AV	3/29/2004	ICPP-1831	Xylene (Total)	1	U		UG/L	GRAB	Xylene (Total)
AWB01501AZ	AWB01501AZ	6/1/2004	ICPP-1831	Xylene (Total)	1	U	UJ	UG/L	GRAB	Xylene (Total)
AWB02901AV	AWB02301AV	9/7/2004	ICPP-1831	Xylene (Total)	1	U	UJ	UG/L	GRAB	Xylene (Total)
AWB03001AV	AWB03001AV	12/21/2004	ICPP-1831	Xylene (Total)	1	U		UG/L	GRAB	Xylene (Total)
AWB04001AV	AWB04001AV	6/1/2005	ICPP-1831	Xylene (Total)	1	U		UG/L	GRAB	Xylene (Total)
AWB10101AV	AWB10101AV(1)	9/13/2005	ICPP-1831	Xylene (Total)	1	U		UG/L	GRAB	Xylene (Total)
SEMN0201AV	SEMN0001AV	6/25/2003	USGS-123	Xylene (Total)	1	U		UG/L	GRAB	Xylene (Total)
SEM10001AV	SEM10901AV	9/22/2003	USGS-123	Xylene (Total)	1	U		UG/L	GRAB	Xylene (Total)
SEMN7901AV	SEMN7601AV	12/17/2003	USGS-123	Xylene (Total)	1	U		UG/L	GRAB	Xylene (Total)
AWB00701AV	AWB01201AV	3/29/2004	USGS-123	Xylene (Total)	1	U	UJ	UG/L	GRAB	Xylene (Total)
AWB09901AV	AWB02002AV	6/16/2004	USGS-123	Xylene (Total)	1	U		UG/L	FIELD DUPLICATE	Xylene (Total)
AWB09901AV	AWB02001AZ	6/16/2004	USGS-123	Xylene (Total)	1	U		UG/L	GRAB	Xylene (Total)
AWB09901AV	AWB02001AV	6/16/2004	USGS-123	Xylene (Total)	1	U		UG/L	GRAB	Xylene (Total)
AWB03001AV	AWB03502AV	12/20/2004	USGS-123	Xylene (Total)	1	U		UG/L	FIELD DUPLICATE	Xylene (Total)
AWB03001AV	AWB03501AV	12/20/2004	USGS-123	Xylene (Total)	1	U		UG/L	GRAB	Xylene (Total)
AWB03901AV	AWB03802AV	3/7/2005	USGS-123	Xylene (Total)	1	U		UG/L	FIELD DUPLICATE	Xylene (Total)
AWB03901AV	AWB03801A2	3/7/2005	USGS-123	Xylene (Total)	1	U		UG/L	GRAB	Xylene (Total)
AWB03901AV	AWB03801AV	3/7/2005	USGS-123	Xylene (Total)	1	U		UG/L	GRAB	Xylene (Total)
AWB04001AV	AWB04502AV	5/31/2005	USGS-123	Xylene (Total)	1	U		UG/L	FIELD DUPLICATE	Xylene (Total)
AWB04001AV	AWB04501AV	5/31/2005	USGS-123	Xylene (Total)	1	U		UG/L	GRAB	Xylene (Total)
AWB10101AV	AWB10602AV	9/14/2005	USGS-123	Xylene (Total)	0.91	J	J	UG/L	FIELD DUPLICATE	Xylene (Total)
AWB10101AV	AWB10601AV	9/14/2005	USGS-123	Xylene (Total)	0.91	J	J	UG/L	GRAB	Xylene (Total)

Table B-2. Analytical results for target Appendix IX semivolatile organic compounds.

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
AWB00001HN	AWB001011X	6/24/2003	ICPP-1782	1,2,4,5-Tetrachlorobenzene	10	U	UJ	UG/L	GRAB	1,2,4,5-Tetrachlorobenzene
AWB00701HN	AWB008011X	3/29/2004	ICPP-1782	1,2,4,5-Tetrachlorobenzene	10	U		UG/L	GRAB	1,2,4,5-Tetrachlorobenzene
AWB015011X	AWB01602HN	6/1/2004	ICPP-1782	1,2,4,5-Tetrachlorobenzene	10	U		UG/L	FIELD DUPLICATE	1,2,4,5-Tetrachlorobenzene
AWB015011X	AWB01601HN	6/1/2004	ICPP-1782	1,2,4,5-Tetrachlorobenzene	10	U		UG/L	GRAB	1,2,4,5-Tetrachlorobenzene
AWB02501HN	AWB02401HN	9/7/2004	ICPP-1782	1,2,4,5-Tetrachlorobenzene	10	U		UG/L	GRAB	1,2,4,5-Tetrachlorobenzene
AWB00001HN	AWB00202HN	6/24/2003	ICPP-1783	1,2,4,5-Tetrachlorobenzene	10	U	UJ	UG/L	FIELD DUPLICATE	1,2,4,5-Tetrachlorobenzene
AWB00001HN	AWB00201HN	6/24/2003	ICPP-1783	1,2,4,5-Tetrachlorobenzene	10	U	UJ	UG/L	GRAB	1,2,4,5-Tetrachlorobenzene
AWB00701HN	AWB00901HN	3/29/2004	ICPP-1783	1,2,4,5-Tetrachlorobenzene	10	U		UG/L	GRAB	1,2,4,5-Tetrachlorobenzene
AWB015011X	AWB01701HN	6/2/2004	ICPP-1783	1,2,4,5-Tetrachlorobenzene	10	U		UG/L	GRAB	1,2,4,5-Tetrachlorobenzene
AWB02501HN	AWB02501HN	9/7/2004	ICPP-1783	1,2,4,5-Tetrachlorobenzene	10	U		UG/L	GRAB	1,2,4,5-Tetrachlorobenzene
AWB00001HN	AWB00301HN	6/24/2003	ICPP-1800	1,2,4,5-Tetrachlorobenzene	10	U	UJ	UG/L	GRAB	1,2,4,5-Tetrachlorobenzene
AWB00701HN	AWB01001HN	3/29/2004	ICPP-1800	1,2,4,5-Tetrachlorobenzene	10	U		UG/L	GRAB	1,2,4,5-Tetrachlorobenzene
AWB015011X	AWB01801HN	6/1/2004	ICPP-1800	1,2,4,5-Tetrachlorobenzene	10	U		UG/L	GRAB	1,2,4,5-Tetrachlorobenzene
AWB02501HN	AWB026011X	9/8/2004	ICPP-1800	1,2,4,5-Tetrachlorobenzene	10	U		UG/L	GRAB	1,2,4,5-Tetrachlorobenzene
AWB00001HN	AWB00401HN	6/25/2003	ICPP-1829	1,2,4,5-Tetrachlorobenzene	10	U	UJ	UG/L	GRAB	1,2,4,5-Tetrachlorobenzene
AWB00701HN	AWB01101HN	3/29/2004	ICPP-1829	1,2,4,5-Tetrachlorobenzene	10	U		UG/L	GRAB	1,2,4,5-Tetrachlorobenzene
AWB015011X	AWB01901HN	6/2/2004	ICPP-1829	1,2,4,5-Tetrachlorobenzene	10	U		UG/L	GRAB	1,2,4,5-Tetrachlorobenzene
AWB02501HN	AWB02702HN	9/8/2004	ICPP-1829	1,2,4,5-Tetrachlorobenzene	10	U		UG/L	FIELD DUPLICATE	1,2,4,5-Tetrachlorobenzene
AWB02501HN	AWB02701HN	9/8/2004	ICPP-1829	1,2,4,5-Tetrachlorobenzene	10	U		UG/L	GRAB	1,2,4,5-Tetrachlorobenzene
AWB00001HN	AWB00001HN	6/24/2003	ICPP-1831	1,2,4,5-Tetrachlorobenzene	10	U	UJ	UG/L	GRAB	1,2,4,5-Tetrachlorobenzene
AWB00701HN	AWB00702HN	3/29/2004	ICPP-1831	1,2,4,5-Tetrachlorobenzene	10	U		UG/L	FIELD DUPLICATE	1,2,4,5-Tetrachlorobenzene
AWB00701HN	AWB00701HN	3/29/2004	ICPP-1831	1,2,4,5-Tetrachlorobenzene	10	U		UG/L	GRAB	1,2,4,5-Tetrachlorobenzene
AWB015011X	AWB015011X	6/1/2004	ICPP-1831	1,2,4,5-Tetrachlorobenzene	10	U		UG/L	GRAB	1,2,4,5-Tetrachlorobenzene
AWB02501HN	AWB02301HN	9/7/2004	ICPP-1831	1,2,4,5-Tetrachlorobenzene	10	U		UG/L	GRAB	1,2,4,5-Tetrachlorobenzene
AWB035011X	AWB03502HN	12/20/2004	USGS-123	1,2,4,5-Tetrachlorobenzene	10	U		UG/L	FIELD DUPLICATE	1,2,4,5-Tetrachlorobenzene
AWB035011X	AWB03501HN	12/20/2004	USGS-123	1,2,4,5-Tetrachlorobenzene	10	U		UG/L	GRAB	1,2,4,5-Tetrachlorobenzene
AWB035011X	AWB035011X	12/20/2004	USGS-123	1,2,4,5-Tetrachlorobenzene	10	U		UG/L	GRAB	1,2,4,5-Tetrachlorobenzene
AWB03901HN	AWB03802HN	3/7/2005	USGS-123	1,2,4,5-Tetrachlorobenzene	10	U		UG/L	FIELD DUPLICATE	1,2,4,5-Tetrachlorobenzene
AWB04501HN	AWB04502HN	5/31/2005	USGS-123	1,2,4,5-Tetrachlorobenzene	10	U		UG/L	FIELD DUPLICATE	1,2,4,5-Tetrachlorobenzene
AWB04501HN	AWB04501HN	5/31/2005	USGS-123	1,2,4,5-Tetrachlorobenzene	10	U		UG/L	GRAB	1,2,4,5-Tetrachlorobenzene
AWB10601HN	AWB10602HN	9/14/2005	USGS-123	1,2,4,5-Tetrachlorobenzene	10	U		UG/L	FIELD DUPLICATE	1,2,4,5-Tetrachlorobenzene
AWB10601HN	AWB10601HN	9/14/2005	USGS-123	1,2,4,5-Tetrachlorobenzene	10	U		UG/L	GRAB	1,2,4,5-Tetrachlorobenzene
AWB00001HN	AWB001011X	6/24/2003	ICPP-1782	1,2,4-Trichlorobenzene	10	U		UG/L	GRAB	1,2,4-Trichlorobenzene
AWB00701HN	AWB008011X	3/29/2004	ICPP-1782	1,2,4-Trichlorobenzene	10	U		UG/L	GRAB	1,2,4-Trichlorobenzene
AWB015011X	AWB01602HN	6/1/2004	ICPP-1782	1,2,4-Trichlorobenzene	10	U		UG/L	FIELD DUPLICATE	1,2,4-Trichlorobenzene
AWB015011X	AWB01601HN	6/1/2004	ICPP-1782	1,2,4-Trichlorobenzene	10	U		UG/L	GRAB	1,2,4-Trichlorobenzene
AWB02501HN	AWB02401HN	9/7/2004	ICPP-1782	1,2,4-Trichlorobenzene	10	U		UG/L	GRAB	1,2,4-Trichlorobenzene
AWB00001HN	AWB00202HN	6/24/2003	ICPP-1783	1,2,4-Trichlorobenzene	10	U		UG/L	FIELD DUPLICATE	1,2,4-Trichlorobenzene
AWB00001HN	AWB00201HN	6/24/2003	ICPP-1783	1,2,4-Trichlorobenzene	10	U		UG/L	GRAB	1,2,4-Trichlorobenzene
AWB00701HN	AWB00901HN	3/29/2004	ICPP-1783	1,2,4-Trichlorobenzene	10	U		UG/L	GRAB	1,2,4-Trichlorobenzene
AWB015011X	AWB01701HN	6/2/2004	ICPP-1783	1,2,4-Trichlorobenzene	10	U		UG/L	GRAB	1,2,4-Trichlorobenzene
AWB02501HN	AWB02501HN	9/7/2004	ICPP-1783	1,2,4-Trichlorobenzene	10	U		UG/L	GRAB	1,2,4-Trichlorobenzene
AWB00001HN	AWB00301HN	6/24/2003	ICPP-1800	1,2,4-Trichlorobenzene	10	U		UG/L	GRAB	1,2,4-Trichlorobenzene
AWB00701HN	AWB01001HN	3/29/2004	ICPP-1800	1,2,4-Trichlorobenzene	10	U		UG/L	GRAB	1,2,4-Trichlorobenzene
AWB015011X	AWB01801HN	6/1/2004	ICPP-1800	1,2,4-Trichlorobenzene	10	U		UG/L	GRAB	1,2,4-Trichlorobenzene
AWB02501HN	AWB026011X	9/8/2004	ICPP-1800	1,2,4-Trichlorobenzene	10	U		UG/L	GRAB	1,2,4-Trichlorobenzene
AWB04001AV	AWB04301AV	5/31/2005	ICPP-1800	1,2,4-Trichlorobenzene	1	U		UG/L	GRAB	1,2,4-Trichlorobenzene
AWB00001HN	AWB00401HN	6/25/2003	ICPP-1829	1,2,4-Trichlorobenzene	10	U		UG/L	GRAB	1,2,4-Trichlorobenzene
AWB00701HN	AWB01101HN	3/29/2004	ICPP-1829	1,2,4-Trichlorobenzene	10	U		UG/L	GRAB	1,2,4-Trichlorobenzene
AWB015011X	AWB01901HN	6/2/2004	ICPP-1829	1,2,4-Trichlorobenzene	10	U		UG/L	GRAB	1,2,4-Trichlorobenzene
AWB02501HN	AWB02702HN	9/8/2004	ICPP-1829	1,2,4-Trichlorobenzene	10	U		UG/L	FIELD DUPLICATE	1,2,4-Trichlorobenzene
AWB02501HN	AWB02701HN	9/8/2004	ICPP-1829	1,2,4-Trichlorobenzene	10	U		UG/L	GRAB	1,2,4-Trichlorobenzene
AWB00001HN	AWB00001HN	6/24/2003	ICPP-1831	1,2,4-Trichlorobenzene	10	U		UG/L	GRAB	1,2,4-Trichlorobenzene
AWB00701HN	AWB00702HN	3/29/2004	ICPP-1831	1,2,4-Trichlorobenzene	10	U		UG/L	FIELD DUPLICATE	1,2,4-Trichlorobenzene
AWB00701HN	AWB00701HN	3/29/2004	ICPP-1831	1,2,4-Trichlorobenzene	10	U		UG/L	GRAB	1,2,4-Trichlorobenzene
AWB015011X	AWB015011X	6/1/2004	ICPP-1831	1,2,4-Trichlorobenzene	10	U		UG/L	GRAB	1,2,4-Trichlorobenzene
AWB035011X	AWB03502HN	12/20/2004	USGS-123	1,2,4-Trichlorobenzene	10	U		UG/L	FIELD DUPLICATE	1,2,4-Trichlorobenzene
AWB035011X	AWB03501HN	12/20/2004	USGS-123	1,2,4-Trichlorobenzene	10	U		UG/L	GRAB	1,2,4-Trichlorobenzene
AWB035011X	AWB035011X	12/20/2004	USGS-123	1,2,4-Trichlorobenzene	10	U		UG/L	GRAB	1,2,4-Trichlorobenzene
AWB03901HN	AWB03802HN	3/7/2005	USGS-123	1,2,4-Trichlorobenzene	10	U		UG/L	FIELD DUPLICATE	1,2,4-Trichlorobenzene
AWB04501HN	AWB04502HN	5/31/2005	USGS-123	1,2,4-Trichlorobenzene	10	U		UG/L	FIELD DUPLICATE	1,2,4-Trichlorobenzene
AWB04501HN	AWB04501HN	5/31/2005	USGS-123	1,2,4-Trichlorobenzene	10	U		UG/L	GRAB	1,2,4-Trichlorobenzene
AWB10601HN	AWB10602HN	9/14/2005	USGS-123	1,2,4-Trichlorobenzene	10	U		UG/L	FIELD DUPLICATE	1,2,4-Trichlorobenzene

Table B-2. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
AWB10601HN	AWB10601HN	9/14/2005	USGS-123	1,2,4-Trichlorobenzene	10	U		UG/L	GRAB	1,2,4-Trichlorobenzene
AWB00001HN	AWB001011X	6/24/2003	ICPP-1782	1,4-Naphthoquinone	10	U	UJ	UG/L	GRAB	1,4-Naphthoquinone
AWB00701HN	AWB008011X	3/29/2004	ICPP-1782	1,4-Naphthoquinone	50	U	UJ	UG/L	GRAB	1,4-Naphthoquinone
AWB015011X	AWB01602HN	6/1/2004	ICPP-1782	1,4-Naphthoquinone	50	U	UJ	UG/L	FIELD DUPLICATE	1,4-Naphthoquinone
AWB015011X	AWB01601HN	6/1/2004	ICPP-1782	1,4-Naphthoquinone	50	U	UJ	UG/L	GRAB	1,4-Naphthoquinone
AWB02501HN	AWB02401HN	9/7/2004	ICPP-1782	1,4-Naphthoquinone	50	U	UJ	UG/L	GRAB	1,4-Naphthoquinone
AWB00001HN	AWB00202HN	6/24/2003	ICPP-1783	1,4-Naphthoquinone	10	U	UJ	UG/L	FIELD DUPLICATE	1,4-Naphthoquinone
AWB00001HN	AWB00201HN	6/24/2003	ICPP-1783	1,4-Naphthoquinone	10	U	UJ	UG/L	GRAB	1,4-Naphthoquinone
AWB00701HN	AWB00901HN	3/29/2004	ICPP-1783	1,4-Naphthoquinone	50	U	UJ	UG/L	GRAB	1,4-Naphthoquinone
AWB015011X	AWB01701HN	6/2/2004	ICPP-1783	1,4-Naphthoquinone	50	U	UJ	UG/L	GRAB	1,4-Naphthoquinone
AWB02501HN	AWB02501HN	9/7/2004	ICPP-1783	1,4-Naphthoquinone	50	U	UJ	UG/L	GRAB	1,4-Naphthoquinone
AWB00001HN	AWB00301HN	6/24/2003	ICPP-1800	1,4-Naphthoquinone	10	U	UJ	UG/L	GRAB	1,4-Naphthoquinone
AWB00701HN	AWB01001HN	3/29/2004	ICPP-1800	1,4-Naphthoquinone	50	U	UJ	UG/L	GRAB	1,4-Naphthoquinone
AWB015011X	AWB01801HN	6/1/2004	ICPP-1800	1,4-Naphthoquinone	50	U	UJ	UG/L	GRAB	1,4-Naphthoquinone
AWB02501HN	AWB026011X	9/8/2004	ICPP-1800	1,4-Naphthoquinone	50	U	UJ	UG/L	GRAB	1,4-Naphthoquinone
AWB00001HN	AWB00401HN	6/25/2003	ICPP-1829	1,4-Naphthoquinone	10	U	UJ	UG/L	GRAB	1,4-Naphthoquinone
AWB00701HN	AWB01101HN	3/29/2004	ICPP-1829	1,4-Naphthoquinone	50	U	UJ	UG/L	GRAB	1,4-Naphthoquinone
AWB015011X	AWB01901HN	6/2/2004	ICPP-1829	1,4-Naphthoquinone	50	U	UJ	UG/L	GRAB	1,4-Naphthoquinone
AWB02501HN	AWB02702HN	9/8/2004	ICPP-1829	1,4-Naphthoquinone	50	U	UJ	UG/L	FIELD DUPLICATE	1,4-Naphthoquinone
AWB02501HN	AWB02701HN	9/8/2004	ICPP-1829	1,4-Naphthoquinone	50	U	UJ	UG/L	GRAB	1,4-Naphthoquinone
AWB00001HN	AWB00001HN	6/24/2003	ICPP-1831	1,4-Naphthoquinone	10	U	UJ	UG/L	GRAB	1,4-Naphthoquinone
AWB00701HN	AWB00702HN	3/29/2004	ICPP-1831	1,4-Naphthoquinone	50	U	UJ	UG/L	FIELD DUPLICATE	1,4-Naphthoquinone
AWB00701HN	AWB00701HN	3/29/2004	ICPP-1831	1,4-Naphthoquinone	50	U	UJ	UG/L	GRAB	1,4-Naphthoquinone
AWB015011X	AWB015011X	6/1/2004	ICPP-1831	1,4-Naphthoquinone	50	U	UJ	UG/L	GRAB	1,4-Naphthoquinone
AWB02501HN	AWB02301HN	9/7/2004	ICPP-1831	1,4-Naphthoquinone	50	U	UJ	UG/L	GRAB	1,4-Naphthoquinone
AWB035011X	AWB03502HN	12/20/2004	USGS-123	1,4-Naphthoquinone	50	U	UJ	UG/L	FIELD DUPLICATE	1,4-Naphthoquinone
AWB035011X	AWB03501HN	12/20/2004	USGS-123	1,4-Naphthoquinone	50	U	UJ	UG/L	GRAB	1,4-Naphthoquinone
AWB035011X	AWB035011X	12/20/2004	USGS-123	1,4-Naphthoquinone	50	U	UJ	UG/L	GRAB	1,4-Naphthoquinone
AWB03901HN	AWB03802HN	3/7/2005	USGS-123	1,4-Naphthoquinone	50	U	UJ	UG/L	FIELD DUPLICATE	1,4-Naphthoquinone
AWB04501HN	AWB04502HN	5/31/2005	USGS-123	1,4-Naphthoquinone	50	U		UG/L	FIELD DUPLICATE	1,4-Naphthoquinone
AWB04501HN	AWB04501HN	5/31/2005	USGS-123	1,4-Naphthoquinone	50	U		UG/L	GRAB	1,4-Naphthoquinone
AWB10601HN	AWB10602HN	9/14/2005	USGS-123	1,4-Naphthoquinone	10	U	UJ	UG/L	FIELD DUPLICATE	1,4-Naphthoquinone
AWB10601HN	AWB10601HN	9/14/2005	USGS-123	1,4-Naphthoquinone	10	U	UJ	UG/L	GRAB	1,4-Naphthoquinone
AWB00001HN	AWB001011X	6/24/2003	ICPP-1782	1-Naphthylamine	10	U		UG/L	GRAB	1-Naphthylamine
AWB00701HN	AWB008011X	3/29/2004	ICPP-1782	1-Naphthylamine	10	U		UG/L	GRAB	1-Naphthylamine
AWB015011X	AWB01602HN	6/1/2004	ICPP-1782	1-Naphthylamine	10	U		UG/L	FIELD DUPLICATE	1-Naphthylamine
AWB015011X	AWB01601HN	6/1/2004	ICPP-1782	1-Naphthylamine	10	U		UG/L	GRAB	1-Naphthylamine
AWB02501HN	AWB02401HN	9/7/2004	ICPP-1782	1-Naphthylamine	10	U		UG/L	GRAB	1-Naphthylamine
AWB00001HN	AWB00202HN	6/24/2003	ICPP-1783	1-Naphthylamine	10	U		UG/L	FIELD DUPLICATE	1-Naphthylamine
AWB00001HN	AWB00201HN	6/24/2003	ICPP-1783	1-Naphthylamine	10	U		UG/L	GRAB	1-Naphthylamine
AWB00701HN	AWB00901HN	3/29/2004	ICPP-1783	1-Naphthylamine	10	U		UG/L	GRAB	1-Naphthylamine
AWB015011X	AWB01701HN	6/2/2004	ICPP-1783	1-Naphthylamine	10	U		UG/L	GRAB	1-Naphthylamine
AWB02501HN	AWB02501HN	9/7/2004	ICPP-1783	1-Naphthylamine	10	U		UG/L	GRAB	1-Naphthylamine
AWB00001HN	AWB00301HN	6/24/2003	ICPP-1800	1-Naphthylamine	10	U		UG/L	GRAB	1-Naphthylamine
AWB00701HN	AWB01001HN	3/29/2004	ICPP-1800	1-Naphthylamine	10	U		UG/L	GRAB	1-Naphthylamine
AWB015011X	AWB01801HN	6/1/2004	ICPP-1800	1-Naphthylamine	10	U		UG/L	GRAB	1-Naphthylamine
AWB02501HN	AWB026011X	9/8/2004	ICPP-1800	1-Naphthylamine	10	U		UG/L	GRAB	1-Naphthylamine
AWB00001HN	AWB00401HN	6/25/2003	ICPP-1829	1-Naphthylamine	10	U		UG/L	GRAB	1-Naphthylamine
AWB00701HN	AWB01101HN	3/29/2004	ICPP-1829	1-Naphthylamine	10	U		UG/L	GRAB	1-Naphthylamine
AWB015011X	AWB01901HN	6/2/2004	ICPP-1829	1-Naphthylamine	10	U		UG/L	GRAB	1-Naphthylamine
AWB02501HN	AWB02702HN	9/8/2004	ICPP-1829	1-Naphthylamine	10	U		UG/L	FIELD DUPLICATE	1-Naphthylamine
AWB02501HN	AWB02701HN	9/8/2004	ICPP-1829	1-Naphthylamine	10	U		UG/L	GRAB	1-Naphthylamine
AWB00001HN	AWB00001HN	6/24/2003	ICPP-1831	1-Naphthylamine	10	U		UG/L	GRAB	1-Naphthylamine
AWB00701HN	AWB00702HN	3/29/2004	ICPP-1831	1-Naphthylamine	10	U		UG/L	FIELD DUPLICATE	1-Naphthylamine
AWB00701HN	AWB00701HN	3/29/2004	ICPP-1831	1-Naphthylamine	10	U		UG/L	GRAB	1-Naphthylamine
AWB015011X	AWB015011X	6/1/2004	ICPP-1831	1-Naphthylamine	10	U		UG/L	GRAB	1-Naphthylamine
AWB02501HN	AWB02301HN	9/7/2004	ICPP-1831	1-Naphthylamine	10	U		UG/L	GRAB	1-Naphthylamine
AWB035011X	AWB03502HN	12/20/2004	USGS-123	1-Naphthylamine	10	U		UG/L	FIELD DUPLICATE	1-Naphthylamine
AWB035011X	AWB03501HN	12/20/2004	USGS-123	1-Naphthylamine	10	U		UG/L	GRAB	1-Naphthylamine
AWB035011X	AWB035011X	12/20/2004	USGS-123	1-Naphthylamine	10	U		UG/L	GRAB	1-Naphthylamine
AWB03901HN	AWB03802HN	3/7/2005	USGS-123	1-Naphthylamine	10	U		UG/L	FIELD DUPLICATE	1-Naphthylamine
AWB04501HN	AWB04502HN	5/31/2005	USGS-123	1-Naphthylamine	10	U		UG/L	FIELD DUPLICATE	1-Naphthylamine
AWB04501HN	AWB04501HN	5/31/2005	USGS-123	1-Naphthylamine	10	U		UG/L	GRAB	1-Naphthylamine
AWB10601HN	AWB10602HN	9/14/2005	USGS-123	1-Naphthylamine	10	U		UG/L	FIELD DUPLICATE	1-Naphthylamine

Table B-2. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
AWB10601HN	AWB10601HN	9/14/2005	USGS-123	1-Naphthylamine	10	U		UG/L	GRAB	1-Naphthylamine
AWB00001HN	AWB001011X	6/24/2003	ICPP-1782	2,3,4,6-Tetrachlorophenol	10	U	R	UG/L	GRAB	2,3,4,6-Tetrachlorophenol
AWB00701HN	AWB008011X	3/29/2004	ICPP-1782	2,3,4,6-Tetrachlorophenol	50	U	R	UG/L	GRAB	2,3,4,6-Tetrachlorophenol
AWB015011X	AWB01602HN	6/1/2004	ICPP-1782	2,3,4,6-Tetrachlorophenol	50	U		UG/L	FIELD DUPLICATE	2,3,4,6-Tetrachlorophenol
AWB015011X	AWB01601HN	6/1/2004	ICPP-1782	2,3,4,6-Tetrachlorophenol	50	U		UG/L	GRAB	2,3,4,6-Tetrachlorophenol
AWB02501HN	AWB02401HN	9/7/2004	ICPP-1782	2,3,4,6-Tetrachlorophenol	50	U	UJ	UG/L	GRAB	2,3,4,6-Tetrachlorophenol
AWB00001HN	AWB00202HN	6/24/2003	ICPP-1783	2,3,4,6-Tetrachlorophenol	10	U	R	UG/L	FIELD DUPLICATE	2,3,4,6-Tetrachlorophenol
AWB00001HN	AWB00201HN	6/24/2003	ICPP-1783	2,3,4,6-Tetrachlorophenol	10	U	R	UG/L	GRAB	2,3,4,6-Tetrachlorophenol
AWB00701HN	AWB00901HN	3/29/2004	ICPP-1783	2,3,4,6-Tetrachlorophenol	50	U	R	UG/L	GRAB	2,3,4,6-Tetrachlorophenol
AWB015011X	AWB01701HN	6/2/2004	ICPP-1783	2,3,4,6-Tetrachlorophenol	50	U		UG/L	GRAB	2,3,4,6-Tetrachlorophenol
AWB02501HN	AWB02501HN	9/7/2004	ICPP-1783	2,3,4,6-Tetrachlorophenol	50	U	UJ	UG/L	GRAB	2,3,4,6-Tetrachlorophenol
AWB00001HN	AWB00301HN	6/24/2003	ICPP-1800	2,3,4,6-Tetrachlorophenol	10	U	R	UG/L	GRAB	2,3,4,6-Tetrachlorophenol
AWB00701HN	AWB01001HN	3/29/2004	ICPP-1800	2,3,4,6-Tetrachlorophenol	50	U	R	UG/L	GRAB	2,3,4,6-Tetrachlorophenol
AWB015011X	AWB01801HN	6/1/2004	ICPP-1800	2,3,4,6-Tetrachlorophenol	50	U		UG/L	GRAB	2,3,4,6-Tetrachlorophenol
AWB02501HN	AWB026011X	9/8/2004	ICPP-1800	2,3,4,6-Tetrachlorophenol	50	U	UJ	UG/L	GRAB	2,3,4,6-Tetrachlorophenol
AWB00001HN	AWB00401HN	6/25/2003	ICPP-1829	2,3,4,6-Tetrachlorophenol	10	U	R	UG/L	GRAB	2,3,4,6-Tetrachlorophenol
AWB00701HN	AWB01101HN	3/29/2004	ICPP-1829	2,3,4,6-Tetrachlorophenol	50	U	R	UG/L	GRAB	2,3,4,6-Tetrachlorophenol
AWB015011X	AWB01901HN	6/2/2004	ICPP-1829	2,3,4,6-Tetrachlorophenol	50	U		UG/L	GRAB	2,3,4,6-Tetrachlorophenol
AWB02501HN	AWB02702HN	9/8/2004	ICPP-1829	2,3,4,6-Tetrachlorophenol	50	U	UJ	UG/L	FIELD DUPLICATE	2,3,4,6-Tetrachlorophenol
AWB02501HN	AWB02701HN	9/8/2004	ICPP-1829	2,3,4,6-Tetrachlorophenol	50	U	UJ	UG/L	GRAB	2,3,4,6-Tetrachlorophenol
AWB00001HN	AWB00001HN	6/24/2003	ICPP-1831	2,3,4,6-Tetrachlorophenol	10	U		UG/L	GRAB	2,3,4,6-Tetrachlorophenol
AWB00701HN	AWB00702HN	3/29/2004	ICPP-1831	2,3,4,6-Tetrachlorophenol	50	U	R	UG/L	FIELD DUPLICATE	2,3,4,6-Tetrachlorophenol
AWB00701HN	AWB00701HN	3/29/2004	ICPP-1831	2,3,4,6-Tetrachlorophenol	50	U	R	UG/L	GRAB	2,3,4,6-Tetrachlorophenol
AWB015011X	AWB015011X	6/1/2004	ICPP-1831	2,3,4,6-Tetrachlorophenol	50	U		UG/L	GRAB	2,3,4,6-Tetrachlorophenol
AWB02501HN	AWB02301HN	9/7/2004	ICPP-1831	2,3,4,6-Tetrachlorophenol	50	U	UJ	UG/L	GRAB	2,3,4,6-Tetrachlorophenol
AWB035011X	AWB03502HN	12/20/2004	USGS-123	2,3,4,6-Tetrachlorophenol	50	U	UJ	UG/L	FIELD DUPLICATE	2,3,4,6-Tetrachlorophenol
AWB035011X	AWB03501HN	12/20/2004	USGS-123	2,3,4,6-Tetrachlorophenol	50	U	UJ	UG/L	GRAB	2,3,4,6-Tetrachlorophenol
AWB035011X	AWB035011X	12/20/2004	USGS-123	2,3,4,6-Tetrachlorophenol	50	U	UJ	UG/L	GRAB	2,3,4,6-Tetrachlorophenol
AWB03901HN	AWB03802HN	3/7/2005	USGS-123	2,3,4,6-Tetrachlorophenol	50	U		UG/L	FIELD DUPLICATE	2,3,4,6-Tetrachlorophenol
AWB04501HN	AWB04502HN	5/31/2005	USGS-123	2,3,4,6-Tetrachlorophenol	50	U	UJ	UG/L	FIELD DUPLICATE	2,3,4,6-Tetrachlorophenol
AWB04501HN	AWB04501HN	5/31/2005	USGS-123	2,3,4,6-Tetrachlorophenol	50	U	UJ	UG/L	GRAB	2,3,4,6-Tetrachlorophenol
AWB10601HN	AWB10602HN	9/14/2005	USGS-123	2,3,4,6-Tetrachlorophenol	40	U		UG/L	FIELD DUPLICATE	2,3,4,6-Tetrachlorophenol
AWB10601HN	AWB10601HN	9/14/2005	USGS-123	2,3,4,6-Tetrachlorophenol	40	U		UG/L	GRAB	2,3,4,6-Tetrachlorophenol
AWB00001HN	AWB001011X	6/24/2003	ICPP-1782	2,4,5-Trichlorophenol	10	U	R	UG/L	GRAB	2,4,5-Trichlorophenol
AWB00701HN	AWB008011X	3/29/2004	ICPP-1782	2,4,5-Trichlorophenol	10	U	R	UG/L	GRAB	2,4,5-Trichlorophenol
AWB015011X	AWB01602HN	6/1/2004	ICPP-1782	2,4,5-Trichlorophenol	10	U		UG/L	FIELD DUPLICATE	2,4,5-Trichlorophenol
AWB015011X	AWB01601HN	6/1/2004	ICPP-1782	2,4,5-Trichlorophenol	10	U		UG/L	GRAB	2,4,5-Trichlorophenol
AWB02501HN	AWB02401HN	9/7/2004	ICPP-1782	2,4,5-Trichlorophenol	10	U		UG/L	GRAB	2,4,5-Trichlorophenol
AWB00001HN	AWB00202HN	6/24/2003	ICPP-1783	2,4,5-Trichlorophenol	10	U	R	UG/L	FIELD DUPLICATE	2,4,5-Trichlorophenol
AWB00001HN	AWB00201HN	6/24/2003	ICPP-1783	2,4,5-Trichlorophenol	10	U	R	UG/L	GRAB	2,4,5-Trichlorophenol
AWB00701HN	AWB00901HN	3/29/2004	ICPP-1783	2,4,5-Trichlorophenol	10	U	R	UG/L	GRAB	2,4,5-Trichlorophenol
AWB015011X	AWB01701HN	6/2/2004	ICPP-1783	2,4,5-Trichlorophenol	10	U		UG/L	GRAB	2,4,5-Trichlorophenol
AWB00001HN	AWB00301HN	6/24/2003	ICPP-1800	2,4,5-Trichlorophenol	10	U	R	UG/L	GRAB	2,4,5-Trichlorophenol
AWB00701HN	AWB01001HN	3/29/2004	ICPP-1800	2,4,5-Trichlorophenol	10	U	R	UG/L	GRAB	2,4,5-Trichlorophenol
AWB015011X	AWB01801HN	6/1/2004	ICPP-1800	2,4,5-Trichlorophenol	10	U		UG/L	GRAB	2,4,5-Trichlorophenol
AWB02501HN	AWB026011X	9/8/2004	ICPP-1800	2,4,5-Trichlorophenol	10	U		UG/L	GRAB	2,4,5-Trichlorophenol
AWB00001HN	AWB00401HN	6/25/2003	ICPP-1829	2,4,5-Trichlorophenol	10	U	R	UG/L	GRAB	2,4,5-Trichlorophenol
AWB00701HN	AWB01101HN	3/29/2004	ICPP-1829	2,4,5-Trichlorophenol	10	U	R	UG/L	GRAB	2,4,5-Trichlorophenol
AWB015011X	AWB01901HN	6/2/2004	ICPP-1829	2,4,5-Trichlorophenol	10	U		UG/L	GRAB	2,4,5-Trichlorophenol
AWB02501HN	AWB02702HN	9/8/2004	ICPP-1829	2,4,5-Trichlorophenol	10	U		UG/L	FIELD DUPLICATE	2,4,5-Trichlorophenol
AWB02501HN	AWB02701HN	9/8/2004	ICPP-1829	2,4,5-Trichlorophenol	10	U		UG/L	GRAB	2,4,5-Trichlorophenol
AWB00001HN	AWB00001HN	6/24/2003	ICPP-1831	2,4,5-Trichlorophenol	10	U		UG/L	GRAB	2,4,5-Trichlorophenol
AWB00701HN	AWB00702HN	3/29/2004	ICPP-1831	2,4,5-Trichlorophenol	10	U	R	UG/L	FIELD DUPLICATE	2,4,5-Trichlorophenol
AWB00701HN	AWB00701HN	3/29/2004	ICPP-1831	2,4,5-Trichlorophenol	10	U	R	UG/L	GRAB	2,4,5-Trichlorophenol
AWB015011X	AWB015011X	6/1/2004	ICPP-1831	2,4,5-Trichlorophenol	10	U		UG/L	GRAB	2,4,5-Trichlorophenol
AWB02501HN	AWB02301HN	9/7/2004	ICPP-1831	2,4,5-Trichlorophenol	10	U		UG/L	GRAB	2,4,5-Trichlorophenol
AWB035011X	AWB03502HN	12/20/2004	USGS-123	2,4,5-Trichlorophenol	10	U		UG/L	FIELD DUPLICATE	2,4,5-Trichlorophenol
AWB035011X	AWB03501HN	12/20/2004	USGS-123	2,4,5-Trichlorophenol	10	U		UG/L	GRAB	2,4,5-Trichlorophenol
AWB035011X	AWB035011X	12/20/2004	USGS-123	2,4,5-Trichlorophenol	10	U		UG/L	GRAB	2,4,5-Trichlorophenol
AWB03901HN	AWB03802HN	3/7/2005	USGS-123	2,4,5-Trichlorophenol	10	U		UG/L	FIELD DUPLICATE	2,4,5-Trichlorophenol
AWB04501HN	AWB04502HN	5/31/2005	USGS-123	2,4,5-Trichlorophenol	10	U		UG/L	FIELD DUPLICATE	2,4,5-Trichlorophenol
AWB04501HN	AWB04501HN	5/31/2005	USGS-123	2,4,5-Trichlorophenol	10	U		UG/L	GRAB	2,4,5-Trichlorophenol
AWB10601HN	AWB10602HN	9/14/2005	USGS-123	2,4,5-Trichlorophenol	10	U		UG/L	FIELD DUPLICATE	2,4,5-Trichlorophenol

Table B-2. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
AWB10601HN	AWB10601HN	9/14/2005	USGS-123	2,4,5-Trichlorophenol	10	U		UG/L	GRAB	2,4,5-Trichlorophenol
AWB00001HN	AWB001011X	6/24/2003	ICPP-1782	2,4,6-Trichlorophenol	10	U	R	UG/L	GRAB	2,4,6-Trichlorophenol
AWB00701HN	AWB008011X	3/29/2004	ICPP-1782	2,4,6-Trichlorophenol	10	U	R	UG/L	GRAB	2,4,6-Trichlorophenol
AWB015011X	AWB01602HN	6/1/2004	ICPP-1782	2,4,6-Trichlorophenol	10	U		UG/L	FIELD DUPLICATE	2,4,6-Trichlorophenol
AWB015011X	AWB01601HN	6/1/2004	ICPP-1782	2,4,6-Trichlorophenol	10	U		UG/L	GRAB	2,4,6-Trichlorophenol
AWB02501HN	AWB02401HN	9/7/2004	ICPP-1782	2,4,6-Trichlorophenol	10	U		UG/L	GRAB	2,4,6-Trichlorophenol
AWB00001HN	AWB00202HN	6/24/2003	ICPP-1783	2,4,6-Trichlorophenol	10	U	R	UG/L	FIELD DUPLICATE	2,4,6-Trichlorophenol
AWB00001HN	AWB00201HN	6/24/2003	ICPP-1783	2,4,6-Trichlorophenol	10	U	R	UG/L	GRAB	2,4,6-Trichlorophenol
AWB00701HN	AWB00901HN	3/29/2004	ICPP-1783	2,4,6-Trichlorophenol	10	U	R	UG/L	GRAB	2,4,6-Trichlorophenol
AWB015011X	AWB01701HN	6/2/2004	ICPP-1783	2,4,6-Trichlorophenol	10	U		UG/L	GRAB	2,4,6-Trichlorophenol
AWB02501HN	AWB02501HN	9/7/2004	ICPP-1783	2,4,6-Trichlorophenol	10	U		UG/L	GRAB	2,4,6-Trichlorophenol
AWB00001HN	AWB00301HN	6/24/2003	ICPP-1800	2,4,6-Trichlorophenol	10	U	R	UG/L	GRAB	2,4,6-Trichlorophenol
AWB00701HN	AWB01001HN	3/29/2004	ICPP-1800	2,4,6-Trichlorophenol	10	U	R	UG/L	GRAB	2,4,6-Trichlorophenol
AWB015011X	AWB01801HN	6/1/2004	ICPP-1800	2,4,6-Trichlorophenol	10	U		UG/L	GRAB	2,4,6-Trichlorophenol
AWB02501HN	AWB026011X	9/8/2004	ICPP-1800	2,4,6-Trichlorophenol	10	U		UG/L	GRAB	2,4,6-Trichlorophenol
AWB00001HN	AWB00401HN	6/25/2003	ICPP-1829	2,4,6-Trichlorophenol	10	U	R	UG/L	GRAB	2,4,6-Trichlorophenol
AWB00701HN	AWB01101HN	3/29/2004	ICPP-1829	2,4,6-Trichlorophenol	10	U	R	UG/L	GRAB	2,4,6-Trichlorophenol
AWB015011X	AWB01901HN	6/2/2004	ICPP-1829	2,4,6-Trichlorophenol	10	U		UG/L	GRAB	2,4,6-Trichlorophenol
AWB02501HN	AWB02702HN	9/8/2004	ICPP-1829	2,4,6-Trichlorophenol	10	U		UG/L	FIELD DUPLICATE	2,4,6-Trichlorophenol
AWB02501HN	AWB02701HN	9/8/2004	ICPP-1829	2,4,6-Trichlorophenol	10	U		UG/L	GRAB	2,4,6-Trichlorophenol
AWB00001HN	AWB00001HN	6/24/2003	ICPP-1831	2,4,6-Trichlorophenol	10	U	R	UG/L	GRAB	2,4,6-Trichlorophenol
AWB00701HN	AWB00702HN	3/29/2004	ICPP-1831	2,4,6-Trichlorophenol	10	U	R	UG/L	FIELD DUPLICATE	2,4,6-Trichlorophenol
AWB00701HN	AWB00701HN	3/29/2004	ICPP-1831	2,4,6-Trichlorophenol	10	U	R	UG/L	GRAB	2,4,6-Trichlorophenol
AWB015011X	AWB015011X	6/1/2004	ICPP-1831	2,4,6-Trichlorophenol	10	U		UG/L	GRAB	2,4,6-Trichlorophenol
AWB02501HN	AWB02301HN	9/7/2004	ICPP-1831	2,4,6-Trichlorophenol	10	U		UG/L	GRAB	2,4,6-Trichlorophenol
AWB035011X	AWB03502HN	12/20/2004	USGS-123	2,4,6-Trichlorophenol	10	U		UG/L	FIELD DUPLICATE	2,4,6-Trichlorophenol
AWB035011X	AWB03501HN	12/20/2004	USGS-123	2,4,6-Trichlorophenol	10	U		UG/L	GRAB	2,4,6-Trichlorophenol
AWB035011X	AWB035011X	12/20/2004	USGS-123	2,4,6-Trichlorophenol	10	U		UG/L	GRAB	2,4,6-Trichlorophenol
AWB03901HN	AWB03802HN	3/7/2005	USGS-123	2,4,6-Trichlorophenol	10	U		UG/L	FIELD DUPLICATE	2,4,6-Trichlorophenol
AWB04501HN	AWB04502HN	5/31/2005	USGS-123	2,4,6-Trichlorophenol	10	U		UG/L	FIELD DUPLICATE	2,4,6-Trichlorophenol
AWB04501HN	AWB04501HN	5/31/2005	USGS-123	2,4,6-Trichlorophenol	10	U		UG/L	GRAB	2,4,6-Trichlorophenol
AWB10601HN	AWB10602HN	9/14/2005	USGS-123	2,4,6-Trichlorophenol	10	U		UG/L	FIELD DUPLICATE	2,4,6-Trichlorophenol
AWB10601HN	AWB10601HN	9/14/2005	USGS-123	2,4,6-Trichlorophenol	10	U		UG/L	GRAB	2,4,6-Trichlorophenol
AWB00001HN	AWB001011X	6/24/2003	ICPP-1782	2,4-Dichlorophenol	10	U	R	UG/L	GRAB	2,4-Dichlorophenol
AWB00701HN	AWB008011X	3/29/2004	ICPP-1782	2,4-Dichlorophenol	10	U	R	UG/L	GRAB	2,4-Dichlorophenol
AWB015011X	AWB01602HN	6/1/2004	ICPP-1782	2,4-Dichlorophenol	10	U		UG/L	FIELD DUPLICATE	2,4-Dichlorophenol
AWB015011X	AWB01601HN	6/1/2004	ICPP-1782	2,4-Dichlorophenol	10	U		UG/L	GRAB	2,4-Dichlorophenol
AWB02501HN	AWB02401HN	9/7/2004	ICPP-1782	2,4-Dichlorophenol	10	U		UG/L	GRAB	2,4-Dichlorophenol
AWB00001HN	AWB00202HN	6/24/2003	ICPP-1783	2,4-Dichlorophenol	10	U	R	UG/L	FIELD DUPLICATE	2,4-Dichlorophenol
AWB00001HN	AWB00201HN	6/24/2003	ICPP-1783	2,4-Dichlorophenol	10	U	R	UG/L	GRAB	2,4-Dichlorophenol
AWB00701HN	AWB00901HN	3/29/2004	ICPP-1783	2,4-Dichlorophenol	10	U	R	UG/L	GRAB	2,4-Dichlorophenol
AWB015011X	AWB01701HN	6/2/2004	ICPP-1783	2,4-Dichlorophenol	10	U		UG/L	GRAB	2,4-Dichlorophenol
AWB02501HN	AWB02501HN	9/7/2004	ICPP-1783	2,4-Dichlorophenol	10	U		UG/L	GRAB	2,4-Dichlorophenol
AWB00001HN	AWB00301HN	6/24/2003	ICPP-1800	2,4-Dichlorophenol	10	U	R	UG/L	GRAB	2,4-Dichlorophenol
AWB00701HN	AWB01001HN	3/29/2004	ICPP-1800	2,4-Dichlorophenol	10	U	R	UG/L	GRAB	2,4-Dichlorophenol
AWB015011X	AWB01801HN	6/1/2004	ICPP-1800	2,4-Dichlorophenol	10	U		UG/L	GRAB	2,4-Dichlorophenol
AWB02501HN	AWB026011X	9/8/2004	ICPP-1800	2,4-Dichlorophenol	10	U		UG/L	GRAB	2,4-Dichlorophenol
AWB00001HN	AWB00401HN	6/25/2003	ICPP-1829	2,4-Dichlorophenol	10	U	R	UG/L	GRAB	2,4-Dichlorophenol
AWB00701HN	AWB01101HN	3/29/2004	ICPP-1829	2,4-Dichlorophenol	10	U	R	UG/L	GRAB	2,4-Dichlorophenol
AWB015011X	AWB01901HN	6/2/2004	ICPP-1829	2,4-Dichlorophenol	10	U		UG/L	GRAB	2,4-Dichlorophenol
AWB02501HN	AWB02702HN	9/8/2004	ICPP-1829	2,4-Dichlorophenol	10	U		UG/L	FIELD DUPLICATE	2,4-Dichlorophenol
AWB02501HN	AWB02701HN	9/8/2004	ICPP-1829	2,4-Dichlorophenol	10	U		UG/L	GRAB	2,4-Dichlorophenol
AWB00001HN	AWB00001HN	6/24/2003	ICPP-1831	2,4-Dichlorophenol	10	U		UG/L	GRAB	2,4-Dichlorophenol
AWB00701HN	AWB00702HN	3/29/2004	ICPP-1831	2,4-Dichlorophenol	10	U	R	UG/L	FIELD DUPLICATE	2,4-Dichlorophenol
AWB00701HN	AWB00701HN	3/29/2004	ICPP-1831	2,4-Dichlorophenol	10	U	R	UG/L	GRAB	2,4-Dichlorophenol
AWB015011X	AWB015011X	6/1/2004	ICPP-1831	2,4-Dichlorophenol	10	U		UG/L	GRAB	2,4-Dichlorophenol
AWB02501HN	AWB02301HN	9/7/2004	ICPP-1831	2,4-Dichlorophenol	10	U		UG/L	GRAB	2,4-Dichlorophenol
AWB035011X	AWB03502HN	12/20/2004	USGS-123	2,4-Dichlorophenol	10	U		UG/L	FIELD DUPLICATE	2,4-Dichlorophenol
AWB035011X	AWB03501HN	12/20/2004	USGS-123	2,4-Dichlorophenol	10	U		UG/L	GRAB	2,4-Dichlorophenol
AWB035011X	AWB035011X	12/20/2004	USGS-123	2,4-Dichlorophenol	10	U		UG/L	GRAB	2,4-Dichlorophenol
AWB03901HN	AWB03802HN	3/7/2005	USGS-123	2,4-Dichlorophenol	10	U		UG/L	FIELD DUPLICATE	2,4-Dichlorophenol
AWB04501HN	AWB04502HN	5/31/2005	USGS-123	2,4-Dichlorophenol	10	U		UG/L	FIELD DUPLICATE	2,4-Dichlorophenol
AWB04501HN	AWB04501HN	5/31/2005	USGS-123	2,4-Dichlorophenol	10	U		UG/L	GRAB	2,4-Dichlorophenol

Table B-2. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
AWB10601HN	AWB10602HN	9/14/2005	USGS-123	2,4-Dichlorophenol	10	U		UG/L	FIELD DUPLICATE	2,4-Dichlorophenol
AWB10601HN	AWB10601HN	9/14/2005	USGS-123	2,4-Dichlorophenol	10	U		UG/L	GRAB	2,4-Dichlorophenol
AWB00001HN	AWB001011X	6/24/2003	ICPP-1782	2,4-Dimethylphenol	10	U	R	UG/L	GRAB	2,4-Dimethylphenol
AWB00701HN	AWB008011X	3/29/2004	ICPP-1782	2,4-Dimethylphenol	10	U	R	UG/L	GRAB	2,4-Dimethylphenol
AWB015011X	AWB01602HN	6/1/2004	ICPP-1782	2,4-Dimethylphenol	10	U		UG/L	FIELD DUPLICATE	2,4-Dimethylphenol
AWB015011X	AWB01601HN	6/1/2004	ICPP-1782	2,4-Dimethylphenol	10	U		UG/L	GRAB	2,4-Dimethylphenol
AWB02501HN	AWB02401HN	9/7/2004	ICPP-1782	2,4-Dimethylphenol	10	U		UG/L	GRAB	2,4-Dimethylphenol
AWB00001HN	AWB00202HN	6/24/2003	ICPP-1783	2,4-Dimethylphenol	10	U	R	UG/L	FIELD DUPLICATE	2,4-Dimethylphenol
AWB00001HN	AWB00201HN	6/24/2003	ICPP-1783	2,4-Dimethylphenol	10	U	R	UG/L	GRAB	2,4-Dimethylphenol
AWB00701HN	AWB00901HN	3/29/2004	ICPP-1783	2,4-Dimethylphenol	10	U	R	UG/L	GRAB	2,4-Dimethylphenol
AWB015011X	AWB01701HN	6/2/2004	ICPP-1783	2,4-Dimethylphenol	10	U		UG/L	GRAB	2,4-Dimethylphenol
AWB02501HN	AWB02501HN	9/7/2004	ICPP-1783	2,4-Dimethylphenol	10	U		UG/L	GRAB	2,4-Dimethylphenol
AWB00001HN	AWB00301HN	6/24/2003	ICPP-1800	2,4-Dimethylphenol	10	U	R	UG/L	GRAB	2,4-Dimethylphenol
AWB00701HN	AWB01001HN	3/29/2004	ICPP-1800	2,4-Dimethylphenol	10	U	R	UG/L	GRAB	2,4-Dimethylphenol
AWB015011X	AWB01801HN	6/1/2004	ICPP-1800	2,4-Dimethylphenol	10	U		UG/L	GRAB	2,4-Dimethylphenol
AWB02501HN	AWB026011X	9/8/2004	ICPP-1800	2,4-Dimethylphenol	10	U		UG/L	GRAB	2,4-Dimethylphenol
AWB00001HN	AWB00401HN	6/25/2003	ICPP-1829	2,4-Dimethylphenol	10	U	R	UG/L	GRAB	2,4-Dimethylphenol
AWB00701HN	AWB01101HN	3/29/2004	ICPP-1829	2,4-Dimethylphenol	10	U	R	UG/L	GRAB	2,4-Dimethylphenol
AWB015011X	AWB01901HN	6/2/2004	ICPP-1829	2,4-Dimethylphenol	10	U		UG/L	GRAB	2,4-Dimethylphenol
AWB02501HN	AWB02702HN	9/8/2004	ICPP-1829	2,4-Dimethylphenol	10	U		UG/L	FIELD DUPLICATE	2,4-Dimethylphenol
AWB02501HN	AWB02701HN	9/8/2004	ICPP-1829	2,4-Dimethylphenol	10	U		UG/L	GRAB	2,4-Dimethylphenol
AWB00001HN	AWB00001HN	6/24/2003	ICPP-1831	2,4-Dimethylphenol	10	U		UG/L	GRAB	2,4-Dimethylphenol
AWB00701HN	AWB00702HN	3/29/2004	ICPP-1831	2,4-Dimethylphenol	10	U	R	UG/L	FIELD DUPLICATE	2,4-Dimethylphenol
AWB00701HN	AWB00701HN	3/29/2004	ICPP-1831	2,4-Dimethylphenol	10	U	R	UG/L	GRAB	2,4-Dimethylphenol
AWB015011X	AWB015011X	6/1/2004	ICPP-1831	2,4-Dimethylphenol	10	U		UG/L	GRAB	2,4-Dimethylphenol
AWB02501HN	AWB02301HN	9/7/2004	ICPP-1831	2,4-Dimethylphenol	10	U		UG/L	GRAB	2,4-Dimethylphenol
AWB035011X	AWB03502HN	12/20/2004	USGS-123	2,4-Dimethylphenol	10	U		UG/L	FIELD DUPLICATE	2,4-Dimethylphenol
AWB035011X	AWB03501HN	12/20/2004	USGS-123	2,4-Dimethylphenol	10	U		UG/L	GRAB	2,4-Dimethylphenol
AWB035011X	AWB035011X	12/20/2004	USGS-123	2,4-Dimethylphenol	10	U		UG/L	GRAB	2,4-Dimethylphenol
AWB03901HN	AWB03802HN	3/7/2005	USGS-123	2,4-Dimethylphenol	10	U		UG/L	FIELD DUPLICATE	2,4-Dimethylphenol
AWB04501HN	AWB04502HN	5/31/2005	USGS-123	2,4-Dimethylphenol	10	U		UG/L	FIELD DUPLICATE	2,4-Dimethylphenol
AWB04501HN	AWB04501HN	5/31/2005	USGS-123	2,4-Dimethylphenol	10	U		UG/L	GRAB	2,4-Dimethylphenol
AWB10601HN	AWB10602HN	9/14/2005	USGS-123	2,4-Dimethylphenol	10	U		UG/L	FIELD DUPLICATE	2,4-Dimethylphenol
AWB10601HN	AWB10601HN	9/14/2005	USGS-123	2,4-Dimethylphenol	10	U		UG/L	GRAB	2,4-Dimethylphenol
AWB00001HN	AWB001011X	6/24/2003	ICPP-1782	2,4-Dinitrophenol	50	U	R	UG/L	GRAB	2,4-Dinitrophenol
AWB00701HN	AWB008011X	3/29/2004	ICPP-1782	2,4-Dinitrophenol	50	U	R	UG/L	GRAB	2,4-Dinitrophenol
AWB015011X	AWB01602HN	6/1/2004	ICPP-1782	2,4-Dinitrophenol	50	U		UG/L	FIELD DUPLICATE	2,4-Dinitrophenol
AWB015011X	AWB01601HN	6/1/2004	ICPP-1782	2,4-Dinitrophenol	50	U		UG/L	GRAB	2,4-Dinitrophenol
AWB02501HN	AWB02401HN	9/7/2004	ICPP-1782	2,4-Dinitrophenol	50	U	UJ	UG/L	GRAB	2,4-Dinitrophenol
AWB00001HN	AWB00202HN	6/24/2003	ICPP-1783	2,4-Dinitrophenol	50	U	R	UG/L	FIELD DUPLICATE	2,4-Dinitrophenol
AWB00001HN	AWB00201HN	6/24/2003	ICPP-1783	2,4-Dinitrophenol	50	U	R	UG/L	GRAB	2,4-Dinitrophenol
AWB00701HN	AWB00901HN	3/29/2004	ICPP-1783	2,4-Dinitrophenol	50	U	R	UG/L	GRAB	2,4-Dinitrophenol
AWB015011X	AWB01701HN	6/2/2004	ICPP-1783	2,4-Dinitrophenol	50	U		UG/L	GRAB	2,4-Dinitrophenol
AWB02501HN	AWB02501HN	9/7/2004	ICPP-1783	2,4-Dinitrophenol	50	U	UJ	UG/L	GRAB	2,4-Dinitrophenol
AWB00001HN	AWB00301HN	6/24/2003	ICPP-1800	2,4-Dinitrophenol	50	U	R	UG/L	GRAB	2,4-Dinitrophenol
AWB00701HN	AWB01001HN	3/29/2004	ICPP-1800	2,4-Dinitrophenol	50	U	R	UG/L	GRAB	2,4-Dinitrophenol
AWB015011X	AWB01801HN	6/1/2004	ICPP-1800	2,4-Dinitrophenol	50	U		UG/L	GRAB	2,4-Dinitrophenol
AWB02501HN	AWB026011X	9/8/2004	ICPP-1800	2,4-Dinitrophenol	50	U	UJ	UG/L	GRAB	2,4-Dinitrophenol
AWB00001HN	AWB00401HN	6/25/2003	ICPP-1829	2,4-Dinitrophenol	50	U	R	UG/L	GRAB	2,4-Dinitrophenol
AWB00701HN	AWB01101HN	3/29/2004	ICPP-1829	2,4-Dinitrophenol	50	U	R	UG/L	GRAB	2,4-Dinitrophenol
AWB015011X	AWB01901HN	6/2/2004	ICPP-1829	2,4-Dinitrophenol	50	U		UG/L	GRAB	2,4-Dinitrophenol
AWB02501HN	AWB02702HN	9/8/2004	ICPP-1829	2,4-Dinitrophenol	50	U	UJ	UG/L	FIELD DUPLICATE	2,4-Dinitrophenol
AWB02501HN	AWB02701HN	9/8/2004	ICPP-1829	2,4-Dinitrophenol	50	U	UJ	UG/L	GRAB	2,4-Dinitrophenol
AWB00001HN	AWB00001HN	6/24/2003	ICPP-1831	2,4-Dinitrophenol	50	U	R	UG/L	GRAB	2,4-Dinitrophenol
AWB00701HN	AWB00702HN	3/29/2004	ICPP-1831	2,4-Dinitrophenol	50	U	R	UG/L	FIELD DUPLICATE	2,4-Dinitrophenol
AWB00701HN	AWB00701HN	3/29/2004	ICPP-1831	2,4-Dinitrophenol	50	U	R	UG/L	GRAB	2,4-Dinitrophenol
AWB015011X	AWB015011X	6/1/2004	ICPP-1831	2,4-Dinitrophenol	50	U		UG/L	GRAB	2,4-Dinitrophenol
AWB02501HN	AWB02301HN	9/7/2004	ICPP-1831	2,4-Dinitrophenol	50	U	UJ	UG/L	GRAB	2,4-Dinitrophenol
AWB035011X	AWB03502HN	12/20/2004	USGS-123	2,4-Dinitrophenol	50	U	UJ	UG/L	FIELD DUPLICATE	2,4-Dinitrophenol
AWB035011X	AWB03501HN	12/20/2004	USGS-123	2,4-Dinitrophenol	50	U	UJ	UG/L	GRAB	2,4-Dinitrophenol
AWB035011X	AWB035011X	12/20/2004	USGS-123	2,4-Dinitrophenol	50	U	UJ	UG/L	GRAB	2,4-Dinitrophenol
AWB03901HN	AWB03802HN	3/7/2005	USGS-123	2,4-Dinitrophenol	50	U	UJ	UG/L	FIELD DUPLICATE	2,4-Dinitrophenol
AWB04501HN	AWB04502HN	5/31/2005	USGS-123	2,4-Dinitrophenol	50	U		UG/L	FIELD DUPLICATE	2,4-Dinitrophenol

Table B-2. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
AWB04501HN	AWB04501HN	5/31/2005	USGS-123	2,4-Dinitrophenol	50	U		UG/L	GRAB	2,4-Dinitrophenol
AWB10601HN	AWB10602HN	9/14/2005	USGS-123	2,4-Dinitrophenol	50	U	UJ	UG/L	FIELD DUPLICATE	2,4-Dinitrophenol
AWB10601HN	AWB10601HN	9/14/2005	USGS-123	2,4-Dinitrophenol	50	U	UJ	UG/L	GRAB	2,4-Dinitrophenol
AWB00001HN	AWB001011X	6/24/2003	ICPP-1782	2,4-Dinitrotoluene	10	U		UG/L	GRAB	2,4-Dinitrotoluene
AWB00701HN	AWB008011X	3/29/2004	ICPP-1782	2,4-Dinitrotoluene	10	U		UG/L	GRAB	2,4-Dinitrotoluene
AWB015011X	AWB01602HN	6/1/2004	ICPP-1782	2,4-Dinitrotoluene	10	U		UG/L	FIELD DUPLICATE	2,4-Dinitrotoluene
AWB015011X	AWB01601HN	6/1/2004	ICPP-1782	2,4-Dinitrotoluene	10	U		UG/L	GRAB	2,4-Dinitrotoluene
AWB02501HN	AWB02401HN	9/7/2004	ICPP-1782	2,4-Dinitrotoluene	10	U	UJ	UG/L	GRAB	2,4-Dinitrotoluene
AWB00001HN	AWB00202HN	6/24/2003	ICPP-1783	2,4-Dinitrotoluene	10	U		UG/L	FIELD DUPLICATE	2,4-Dinitrotoluene
AWB00001HN	AWB00201HN	6/24/2003	ICPP-1783	2,4-Dinitrotoluene	10	U		UG/L	GRAB	2,4-Dinitrotoluene
AWB00701HN	AWB00901HN	3/29/2004	ICPP-1783	2,4-Dinitrotoluene	10	U		UG/L	GRAB	2,4-Dinitrotoluene
AWB015011X	AWB01701HN	6/2/2004	ICPP-1783	2,4-Dinitrotoluene	10	U		UG/L	GRAB	2,4-Dinitrotoluene
AWB02501HN	AWB02501HN	9/7/2004	ICPP-1783	2,4-Dinitrotoluene	10	U	UJ	UG/L	GRAB	2,4-Dinitrotoluene
AWB00001HN	AWB00301HN	6/24/2003	ICPP-1800	2,4-Dinitrotoluene	10	U		UG/L	GRAB	2,4-Dinitrotoluene
AWB00701HN	AWB01001HN	3/29/2004	ICPP-1800	2,4-Dinitrotoluene	10	U		UG/L	GRAB	2,4-Dinitrotoluene
AWB015011X	AWB01801HN	6/1/2004	ICPP-1800	2,4-Dinitrotoluene	10	U		UG/L	GRAB	2,4-Dinitrotoluene
AWB02501HN	AWB026011X	9/8/2004	ICPP-1800	2,4-Dinitrotoluene	10	U	UJ	UG/L	GRAB	2,4-Dinitrotoluene
AWB00001HN	AWB00401HN	6/25/2003	ICPP-1829	2,4-Dinitrotoluene	10	U		UG/L	GRAB	2,4-Dinitrotoluene
AWB00701HN	AWB01101HN	3/29/2004	ICPP-1829	2,4-Dinitrotoluene	10	U		UG/L	GRAB	2,4-Dinitrotoluene
AWB015011X	AWB01901HN	6/2/2004	ICPP-1829	2,4-Dinitrotoluene	10	U		UG/L	GRAB	2,4-Dinitrotoluene
AWB02501HN	AWB02702HN	9/8/2004	ICPP-1829	2,4-Dinitrotoluene	10	U	UJ	UG/L	FIELD DUPLICATE	2,4-Dinitrotoluene
AWB02501HN	AWB02701HN	9/8/2004	ICPP-1829	2,4-Dinitrotoluene	10	U	UJ	UG/L	GRAB	2,4-Dinitrotoluene
AWB00001HN	AWB00001HN	6/24/2003	ICPP-1831	2,4-Dinitrotoluene	10	U		UG/L	GRAB	2,4-Dinitrotoluene
AWB00701HN	AWB00702HN	3/29/2004	ICPP-1831	2,4-Dinitrotoluene	10	U		UG/L	FIELD DUPLICATE	2,4-Dinitrotoluene
AWB00701HN	AWB00701HN	3/29/2004	ICPP-1831	2,4-Dinitrotoluene	10	U		UG/L	GRAB	2,4-Dinitrotoluene
AWB015011X	AWB015011X	6/1/2004	ICPP-1831	2,4-Dinitrotoluene	10	U		UG/L	GRAB	2,4-Dinitrotoluene
AWB02501HN	AWB02301HN	9/7/2004	ICPP-1831	2,4-Dinitrotoluene	10	U	UJ	UG/L	GRAB	2,4-Dinitrotoluene
AWB035011X	AWB03502HN	12/20/2004	USGS-123	2,4-Dinitrotoluene	10	U		UG/L	FIELD DUPLICATE	2,4-Dinitrotoluene
AWB035011X	AWB03501HN	12/20/2004	USGS-123	2,4-Dinitrotoluene	10	U		UG/L	GRAB	2,4-Dinitrotoluene
AWB035011X	AWB035011X	12/20/2004	USGS-123	2,4-Dinitrotoluene	10	U		UG/L	GRAB	2,4-Dinitrotoluene
AWB03901HN	AWB03802HN	3/7/2005	USGS-123	2,4-Dinitrotoluene	10	U	UJ	UG/L	FIELD DUPLICATE	2,4-Dinitrotoluene
AWB04501HN	AWB04502HN	5/31/2005	USGS-123	2,4-Dinitrotoluene	10	U		UG/L	FIELD DUPLICATE	2,4-Dinitrotoluene
AWB04501HN	AWB04501HN	5/31/2005	USGS-123	2,4-Dinitrotoluene	10	U		UG/L	GRAB	2,4-Dinitrotoluene
AWB10601HN	AWB10602HN	9/14/2005	USGS-123	2,4-Dinitrotoluene	10	U		UG/L	FIELD DUPLICATE	2,4-Dinitrotoluene
AWB10601HN	AWB10601HN	9/14/2005	USGS-123	2,4-Dinitrotoluene	10	U		UG/L	GRAB	2,4-Dinitrotoluene
AWB00001HN	AWB001011X	6/24/2003	ICPP-1782	2,6-Dichlorophenol	10	U	R	UG/L	GRAB	2,6-Dichlorophenol
AWB00701HN	AWB008011X	3/29/2004	ICPP-1782	2,6-Dichlorophenol	10	U	R	UG/L	GRAB	2,6-Dichlorophenol
AWB015011X	AWB01602HN	6/1/2004	ICPP-1782	2,6-Dichlorophenol	10	U		UG/L	FIELD DUPLICATE	2,6-Dichlorophenol
AWB015011X	AWB01601HN	6/1/2004	ICPP-1782	2,6-Dichlorophenol	10	U		UG/L	GRAB	2,6-Dichlorophenol
AWB02501HN	AWB02401HN	9/7/2004	ICPP-1782	2,6-Dichlorophenol	10	U		UG/L	GRAB	2,6-Dichlorophenol
AWB00001HN	AWB00202HN	6/24/2003	ICPP-1783	2,6-Dichlorophenol	10	U	R	UG/L	FIELD DUPLICATE	2,6-Dichlorophenol
AWB00001HN	AWB00201HN	6/24/2003	ICPP-1783	2,6-Dichlorophenol	10	U	R	UG/L	GRAB	2,6-Dichlorophenol
AWB00701HN	AWB00901HN	3/29/2004	ICPP-1783	2,6-Dichlorophenol	10	U	R	UG/L	GRAB	2,6-Dichlorophenol
AWB015011X	AWB01701HN	6/2/2004	ICPP-1783	2,6-Dichlorophenol	10	U		UG/L	GRAB	2,6-Dichlorophenol
AWB02501HN	AWB02501HN	9/7/2004	ICPP-1783	2,6-Dichlorophenol	10	U		UG/L	GRAB	2,6-Dichlorophenol
AWB00001HN	AWB00301HN	6/24/2003	ICPP-1800	2,6-Dichlorophenol	10	U	R	UG/L	GRAB	2,6-Dichlorophenol
AWB00701HN	AWB01001HN	3/29/2004	ICPP-1800	2,6-Dichlorophenol	10	U	R	UG/L	GRAB	2,6-Dichlorophenol
AWB015011X	AWB01801HN	6/1/2004	ICPP-1800	2,6-Dichlorophenol	10	U		UG/L	GRAB	2,6-Dichlorophenol
AWB02501HN	AWB026011X	9/8/2004	ICPP-1800	2,6-Dichlorophenol	10	U		UG/L	GRAB	2,6-Dichlorophenol
AWB00001HN	AWB00401HN	6/25/2003	ICPP-1829	2,6-Dichlorophenol	10	U	R	UG/L	GRAB	2,6-Dichlorophenol
AWB00701HN	AWB01101HN	3/29/2004	ICPP-1829	2,6-Dichlorophenol	10	U	R	UG/L	GRAB	2,6-Dichlorophenol
AWB015011X	AWB01901HN	6/2/2004	ICPP-1829	2,6-Dichlorophenol	10	U		UG/L	GRAB	2,6-Dichlorophenol
AWB02501HN	AWB02702HN	9/8/2004	ICPP-1829	2,6-Dichlorophenol	10	U		UG/L	FIELD DUPLICATE	2,6-Dichlorophenol
AWB02501HN	AWB02701HN	9/8/2004	ICPP-1829	2,6-Dichlorophenol	10	U		UG/L	GRAB	2,6-Dichlorophenol
AWB00001HN	AWB00001HN	6/24/2003	ICPP-1831	2,6-Dichlorophenol	10	U		UG/L	GRAB	2,6-Dichlorophenol
AWB00701HN	AWB00702HN	3/29/2004	ICPP-1831	2,6-Dichlorophenol	10	U	R	UG/L	FIELD DUPLICATE	2,6-Dichlorophenol
AWB00701HN	AWB00701HN	3/29/2004	ICPP-1831	2,6-Dichlorophenol	10	U	R	UG/L	GRAB	2,6-Dichlorophenol
AWB015011X	AWB015011X	6/1/2004	ICPP-1831	2,6-Dichlorophenol	10	U		UG/L	GRAB	2,6-Dichlorophenol
AWB02501HN	AWB02301HN	9/7/2004	ICPP-1831	2,6-Dichlorophenol	10	U		UG/L	GRAB	2,6-Dichlorophenol
AWB035011X	AWB03502HN	12/20/2004	USGS-123	2,6-Dichlorophenol	10	U		UG/L	FIELD DUPLICATE	2,6-Dichlorophenol
AWB035011X	AWB03501HN	12/20/2004	USGS-123	2,6-Dichlorophenol	10	U		UG/L	GRAB	2,6-Dichlorophenol
AWB035011X	AWB035011X	12/20/2004	USGS-123	2,6-Dichlorophenol	10	U		UG/L	GRAB	2,6-Dichlorophenol
AWB03901HN	AWB03802HN	3/7/2005	USGS-123	2,6-Dichlorophenol	10	U		UG/L	FIELD DUPLICATE	2,6-Dichlorophenol
AWB04501HN	AWB04502HN	5/31/2005	USGS-123	2,6-Dichlorophenol	10	U		UG/L	FIELD DUPLICATE	2,6-Dichlorophenol

Table B-2. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
AWB04501HN	AWB04501HN	5/31/2005	USGS-123	2,6-Dichlorophenol	10	U		UG/L	GRAB	2,6-Dichlorophenol
AWB10601HN	AWB10602HN	9/14/2005	USGS-123	2,6-Dichlorophenol	10	U		UG/L	FIELD DUPLICATE	2,6-Dichlorophenol
AWB10601HN	AWB10601HN	9/14/2005	USGS-123	2,6-Dichlorophenol	10	U		UG/L	GRAB	2,6-Dichlorophenol
AWB00001HN	AWB001011X	6/24/2003	ICPP-1782	2,6-Dinitrotoluene	10	U		UG/L	GRAB	2,6-Dinitrotoluene
AWB00701HN	AWB008011X	3/29/2004	ICPP-1782	2,6-Dinitrotoluene	10	U		UG/L	GRAB	2,6-Dinitrotoluene
AWB015011X	AWB01602HN	6/1/2004	ICPP-1782	2,6-Dinitrotoluene	10	U		UG/L	FIELD DUPLICATE	2,6-Dinitrotoluene
AWB015011X	AWB01601HN	6/1/2004	ICPP-1782	2,6-Dinitrotoluene	10	U		UG/L	GRAB	2,6-Dinitrotoluene
AWB02501HN	AWB02401HN	9/7/2004	ICPP-1782	2,6-Dinitrotoluene	10	U	UJ	UG/L	GRAB	2,6-Dinitrotoluene
AWB00001HN	AWB00202HN	6/24/2003	ICPP-1783	2,6-Dinitrotoluene	10	U		UG/L	FIELD DUPLICATE	2,6-Dinitrotoluene
AWB00001HN	AWB00201HN	6/24/2003	ICPP-1783	2,6-Dinitrotoluene	10	U		UG/L	GRAB	2,6-Dinitrotoluene
AWB00701HN	AWB00901HN	3/29/2004	ICPP-1783	2,6-Dinitrotoluene	10	U		UG/L	GRAB	2,6-Dinitrotoluene
AWB015011X	AWB01701HN	6/2/2004	ICPP-1783	2,6-Dinitrotoluene	10	U		UG/L	GRAB	2,6-Dinitrotoluene
AWB02501HN	AWB02501HN	9/7/2004	ICPP-1783	2,6-Dinitrotoluene	10	U	UJ	UG/L	GRAB	2,6-Dinitrotoluene
AWB00001HN	AWB00301HN	6/24/2003	ICPP-1800	2,6-Dinitrotoluene	10	U		UG/L	GRAB	2,6-Dinitrotoluene
AWB00701HN	AWB01001HN	3/29/2004	ICPP-1800	2,6-Dinitrotoluene	10	U		UG/L	GRAB	2,6-Dinitrotoluene
AWB015011X	AWB01801HN	6/1/2004	ICPP-1800	2,6-Dinitrotoluene	10	U		UG/L	GRAB	2,6-Dinitrotoluene
AWB02501HN	AWB026011X	9/8/2004	ICPP-1800	2,6-Dinitrotoluene	10	U	UJ	UG/L	GRAB	2,6-Dinitrotoluene
AWB00001HN	AWB00401HN	6/25/2003	ICPP-1829	2,6-Dinitrotoluene	10	U		UG/L	GRAB	2,6-Dinitrotoluene
AWB00701HN	AWB01101HN	3/29/2004	ICPP-1829	2,6-Dinitrotoluene	10	U		UG/L	GRAB	2,6-Dinitrotoluene
AWB015011X	AWB01901HN	6/2/2004	ICPP-1829	2,6-Dinitrotoluene	10	U		UG/L	GRAB	2,6-Dinitrotoluene
AWB02501HN	AWB02702HN	9/8/2004	ICPP-1829	2,6-Dinitrotoluene	10	U	UJ	UG/L	FIELD DUPLICATE	2,6-Dinitrotoluene
AWB02501HN	AWB02701HN	9/8/2004	ICPP-1829	2,6-Dinitrotoluene	10	U	UJ	UG/L	GRAB	2,6-Dinitrotoluene
AWB00001HN	AWB00001HN	6/24/2003	ICPP-1831	2,6-Dinitrotoluene	10	U		UG/L	GRAB	2,6-Dinitrotoluene
AWB00701HN	AWB00702HN	3/29/2004	ICPP-1831	2,6-Dinitrotoluene	10	U		UG/L	FIELD DUPLICATE	2,6-Dinitrotoluene
AWB00701HN	AWB00701HN	3/29/2004	ICPP-1831	2,6-Dinitrotoluene	10	U		UG/L	GRAB	2,6-Dinitrotoluene
AWB015011X	AWB015011X	6/1/2004	ICPP-1831	2,6-Dinitrotoluene	10	U		UG/L	GRAB	2,6-Dinitrotoluene
AWB02501HN	AWB02301HN	9/7/2004	ICPP-1831	2,6-Dinitrotoluene	10	U	UJ	UG/L	GRAB	2,6-Dinitrotoluene
AWB035011X	AWB03502HN	12/20/2004	USGS-123	2,6-Dinitrotoluene	10	U		UG/L	FIELD DUPLICATE	2,6-Dinitrotoluene
AWB035011X	AWB03501HN	12/20/2004	USGS-123	2,6-Dinitrotoluene	10	U		UG/L	GRAB	2,6-Dinitrotoluene
AWB035011X	AWB035011X	12/20/2004	USGS-123	2,6-Dinitrotoluene	10	U		UG/L	GRAB	2,6-Dinitrotoluene
AWB03901HN	AWB03802HN	3/7/2005	USGS-123	2,6-Dinitrotoluene	10	U	UJ	UG/L	FIELD DUPLICATE	2,6-Dinitrotoluene
AWB04501HN	AWB04502HN	5/31/2005	USGS-123	2,6-Dinitrotoluene	10	U		UG/L	FIELD DUPLICATE	2,6-Dinitrotoluene
AWB04501HN	AWB04501HN	5/31/2005	USGS-123	2,6-Dinitrotoluene	10	U		UG/L	GRAB	2,6-Dinitrotoluene
AWB10601HN	AWB10602HN	9/14/2005	USGS-123	2,6-Dinitrotoluene	10	U		UG/L	FIELD DUPLICATE	2,6-Dinitrotoluene
AWB10601HN	AWB10601HN	9/14/2005	USGS-123	2,6-Dinitrotoluene	10	U		UG/L	GRAB	2,6-Dinitrotoluene
AWB00001HN	AWB001011X	6/24/2003	ICPP-1782	2-Acetylaminofluorene	20	U		UG/L	GRAB	2-Acetylaminofluorene
AWB00701HN	AWB008011X	3/29/2004	ICPP-1782	2-Acetylaminofluorene	100	U		UG/L	GRAB	2-Acetylaminofluorene
AWB015011X	AWB01602HN	6/1/2004	ICPP-1782	2-Acetylaminofluorene	100	U		UG/L	FIELD DUPLICATE	2-Acetylaminofluorene
AWB015011X	AWB01601HN	6/1/2004	ICPP-1782	2-Acetylaminofluorene	100	U		UG/L	GRAB	2-Acetylaminofluorene
AWB02501HN	AWB02401HN	9/7/2004	ICPP-1782	2-Acetylaminofluorene	100	U	UJ	UG/L	GRAB	2-Acetylaminofluorene
AWB00001HN	AWB00202HN	6/24/2003	ICPP-1783	2-Acetylaminofluorene	20	U		UG/L	FIELD DUPLICATE	2-Acetylaminofluorene
AWB00001HN	AWB00201HN	6/24/2003	ICPP-1783	2-Acetylaminofluorene	20	U		UG/L	GRAB	2-Acetylaminofluorene
AWB00701HN	AWB00901HN	3/29/2004	ICPP-1783	2-Acetylaminofluorene	100	U		UG/L	GRAB	2-Acetylaminofluorene
AWB015011X	AWB01701HN	6/2/2004	ICPP-1783	2-Acetylaminofluorene	100	U		UG/L	GRAB	2-Acetylaminofluorene
AWB02501HN	AWB02501HN	9/7/2004	ICPP-1783	2-Acetylaminofluorene	100	U	UJ	UG/L	GRAB	2-Acetylaminofluorene
AWB00001HN	AWB00301HN	6/24/2003	ICPP-1800	2-Acetylaminofluorene	20	U		UG/L	GRAB	2-Acetylaminofluorene
AWB00701HN	AWB01001HN	3/29/2004	ICPP-1800	2-Acetylaminofluorene	100	U		UG/L	GRAB	2-Acetylaminofluorene
AWB015011X	AWB01801HN	6/1/2004	ICPP-1800	2-Acetylaminofluorene	100	U		UG/L	GRAB	2-Acetylaminofluorene
AWB02501HN	AWB026011X	9/8/2004	ICPP-1800	2-Acetylaminofluorene	100	U	UJ	UG/L	GRAB	2-Acetylaminofluorene
AWB00001HN	AWB00401HN	6/25/2003	ICPP-1829	2-Acetylaminofluorene	20	U		UG/L	GRAB	2-Acetylaminofluorene
AWB00701HN	AWB01101HN	3/29/2004	ICPP-1829	2-Acetylaminofluorene	100	U		UG/L	GRAB	2-Acetylaminofluorene
AWB015011X	AWB01901HN	6/2/2004	ICPP-1829	2-Acetylaminofluorene	100	U		UG/L	GRAB	2-Acetylaminofluorene
AWB02501HN	AWB02702HN	9/8/2004	ICPP-1829	2-Acetylaminofluorene	100	U	UJ	UG/L	FIELD DUPLICATE	2-Acetylaminofluorene
AWB02501HN	AWB02701HN	9/8/2004	ICPP-1829	2-Acetylaminofluorene	100	U	UJ	UG/L	GRAB	2-Acetylaminofluorene
AWB00001HN	AWB00001HN	6/24/2003	ICPP-1831	2-Acetylaminofluorene	20	U		UG/L	GRAB	2-Acetylaminofluorene
AWB00701HN	AWB00702HN	3/29/2004	ICPP-1831	2-Acetylaminofluorene	100	U		UG/L	FIELD DUPLICATE	2-Acetylaminofluorene
AWB00701HN	AWB00701HN	3/29/2004	ICPP-1831	2-Acetylaminofluorene	100	U		UG/L	GRAB	2-Acetylaminofluorene
AWB015011X	AWB015011X	6/1/2004	ICPP-1831	2-Acetylaminofluorene	100	U		UG/L	GRAB	2-Acetylaminofluorene
AWB02501HN	AWB02301HN	9/7/2004	ICPP-1831	2-Acetylaminofluorene	100	U	UJ	UG/L	GRAB	2-Acetylaminofluorene
AWB035011X	AWB03502HN	12/20/2004	USGS-123	2-Acetylaminofluorene	100	U	UJ	UG/L	FIELD DUPLICATE	2-Acetylaminofluorene
AWB035011X	AWB03501HN	12/20/2004	USGS-123	2-Acetylaminofluorene	100	U	UJ	UG/L	GRAB	2-Acetylaminofluorene
AWB035011X	AWB035011X	12/20/2004	USGS-123	2-Acetylaminofluorene	100	U	UJ	UG/L	GRAB	2-Acetylaminofluorene
AWB03901HN	AWB03802HN	3/7/2005	USGS-123	2-Acetylaminofluorene	100	U		UG/L	FIELD DUPLICATE	2-Acetylaminofluorene

Table B-2. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
AWB04501HN	AWB04502HN	5/31/2005	USGS-123	2-Acetylaminofluorene	100	U		UG/L	FIELD DUPLICATE	2-Acetylaminofluorene
AWB04501HN	AWB04501HN	5/31/2005	USGS-123	2-Acetylaminofluorene	100	U		UG/L	GRAB	2-Acetylaminofluorene
AWB10601HN	AWB10602HN	9/14/2005	USGS-123	2-Acetylaminofluorene	20	U		UG/L	FIELD DUPLICATE	2-Acetylaminofluorene
AWB10601HN	AWB10601HN	9/14/2005	USGS-123	2-Acetylaminofluorene	20	U		UG/L	GRAB	2-Acetylaminofluorene
AWB00001HN	AWB001011X	6/24/2003	ICPP-1782	2-Chloronaphthalene	10	U		UG/L	GRAB	2-Chloronaphthalene
AWB00701HN	AWB008011X	3/29/2004	ICPP-1782	2-Chloronaphthalene	10	U		UG/L	GRAB	2-Chloronaphthalene
AWB015011X	AWB01602HN	6/1/2004	ICPP-1782	2-Chloronaphthalene	10	U		UG/L	FIELD DUPLICATE	2-Chloronaphthalene
AWB015011X	AWB01601HN	6/1/2004	ICPP-1782	2-Chloronaphthalene	10	U		UG/L	GRAB	2-Chloronaphthalene
AWB02501HN	AWB02401HN	9/7/2004	ICPP-1782	2-Chloronaphthalene	10	U		UG/L	GRAB	2-Chloronaphthalene
AWB00001HN	AWB00202HN	6/24/2003	ICPP-1783	2-Chloronaphthalene	10	U		UG/L	FIELD DUPLICATE	2-Chloronaphthalene
AWB00001HN	AWB00201HN	6/24/2003	ICPP-1783	2-Chloronaphthalene	10	U		UG/L	GRAB	2-Chloronaphthalene
AWB00701HN	AWB00901HN	3/29/2004	ICPP-1783	2-Chloronaphthalene	10	U		UG/L	GRAB	2-Chloronaphthalene
AWB015011X	AWB01701HN	6/2/2004	ICPP-1783	2-Chloronaphthalene	10	U		UG/L	GRAB	2-Chloronaphthalene
AWB02501HN	AWB02501HN	9/7/2004	ICPP-1783	2-Chloronaphthalene	10	U		UG/L	GRAB	2-Chloronaphthalene
AWB00001HN	AWB00301HN	6/24/2003	ICPP-1800	2-Chloronaphthalene	10	U		UG/L	GRAB	2-Chloronaphthalene
AWB00701HN	AWB01001HN	3/29/2004	ICPP-1800	2-Chloronaphthalene	10	U		UG/L	GRAB	2-Chloronaphthalene
AWB015011X	AWB01801HN	6/1/2004	ICPP-1800	2-Chloronaphthalene	10	U		UG/L	GRAB	2-Chloronaphthalene
AWB02501HN	AWB026011X	9/8/2004	ICPP-1800	2-Chloronaphthalene	10	U		UG/L	GRAB	2-Chloronaphthalene
AWB00001HN	AWB00401HN	6/25/2003	ICPP-1829	2-Chloronaphthalene	10	U		UG/L	GRAB	2-Chloronaphthalene
AWB00701HN	AWB01101HN	3/29/2004	ICPP-1829	2-Chloronaphthalene	10	U		UG/L	GRAB	2-Chloronaphthalene
AWB015011X	AWB01901HN	6/2/2004	ICPP-1829	2-Chloronaphthalene	10	U		UG/L	GRAB	2-Chloronaphthalene
AWB02501HN	AWB02702HN	9/8/2004	ICPP-1829	2-Chloronaphthalene	10	U		UG/L	FIELD DUPLICATE	2-Chloronaphthalene
AWB02501HN	AWB02701HN	9/8/2004	ICPP-1829	2-Chloronaphthalene	10	U		UG/L	GRAB	2-Chloronaphthalene
AWB00001HN	AWB00001HN	6/24/2003	ICPP-1831	2-Chloronaphthalene	10	U		UG/L	GRAB	2-Chloronaphthalene
AWB00701HN	AWB00702HN	3/29/2004	ICPP-1831	2-Chloronaphthalene	10	U		UG/L	FIELD DUPLICATE	2-Chloronaphthalene
AWB00701HN	AWB00701HN	3/29/2004	ICPP-1831	2-Chloronaphthalene	10	U		UG/L	GRAB	2-Chloronaphthalene
AWB015011X	AWB015011X	6/1/2004	ICPP-1831	2-Chloronaphthalene	10	U		UG/L	GRAB	2-Chloronaphthalene
AWB02501HN	AWB02301HN	9/7/2004	ICPP-1831	2-Chloronaphthalene	10	U		UG/L	GRAB	2-Chloronaphthalene
AWB035011X	AWB03502HN	12/20/2004	USGS-123	2-Chloronaphthalene	10	U		UG/L	FIELD DUPLICATE	2-Chloronaphthalene
AWB035011X	AWB03501HN	12/20/2004	USGS-123	2-Chloronaphthalene	10	U		UG/L	GRAB	2-Chloronaphthalene
AWB035011X	AWB035011X	12/20/2004	USGS-123	2-Chloronaphthalene	10	U		UG/L	GRAB	2-Chloronaphthalene
AWB03901HN	AWB03802HN	3/7/2005	USGS-123	2-Chloronaphthalene	10	U		UG/L	FIELD DUPLICATE	2-Chloronaphthalene
AWB04501HN	AWB04502HN	5/31/2005	USGS-123	2-Chloronaphthalene	10	U		UG/L	FIELD DUPLICATE	2-Chloronaphthalene
AWB04501HN	AWB04501HN	5/31/2005	USGS-123	2-Chloronaphthalene	10	U		UG/L	GRAB	2-Chloronaphthalene
AWB10601HN	AWB10602HN	9/14/2005	USGS-123	2-Chloronaphthalene	10	U		UG/L	FIELD DUPLICATE	2-Chloronaphthalene
AWB10601HN	AWB10601HN	9/14/2005	USGS-123	2-Chloronaphthalene	10	U		UG/L	GRAB	2-Chloronaphthalene
AWB00001HN	AWB001011X	6/24/2003	ICPP-1782	2-Chlorophenol	10	U	R	UG/L	GRAB	2-Chlorophenol
AWB00701HN	AWB008011X	3/29/2004	ICPP-1782	2-Chlorophenol	10	U	R	UG/L	GRAB	2-Chlorophenol
AWB015011X	AWB01602HN	6/1/2004	ICPP-1782	2-Chlorophenol	10	U		UG/L	FIELD DUPLICATE	2-Chlorophenol
AWB015011X	AWB01601HN	6/1/2004	ICPP-1782	2-Chlorophenol	10	U		UG/L	GRAB	2-Chlorophenol
AWB02501HN	AWB02401HN	9/7/2004	ICPP-1782	2-Chlorophenol	10	U		UG/L	GRAB	2-Chlorophenol
AWB00001HN	AWB00202HN	6/24/2003	ICPP-1783	2-Chlorophenol	10	U	R	UG/L	FIELD DUPLICATE	2-Chlorophenol
AWB00001HN	AWB00201HN	6/24/2003	ICPP-1783	2-Chlorophenol	10	U	R	UG/L	GRAB	2-Chlorophenol
AWB00701HN	AWB00901HN	3/29/2004	ICPP-1783	2-Chlorophenol	10	U	R	UG/L	GRAB	2-Chlorophenol
AWB015011X	AWB01701HN	6/2/2004	ICPP-1783	2-Chlorophenol	10	U		UG/L	GRAB	2-Chlorophenol
AWB02501HN	AWB02501HN	9/7/2004	ICPP-1783	2-Chlorophenol	10	U		UG/L	GRAB	2-Chlorophenol
AWB00001HN	AWB00301HN	6/24/2003	ICPP-1800	2-Chlorophenol	10	U	R	UG/L	GRAB	2-Chlorophenol
AWB00701HN	AWB01001HN	3/29/2004	ICPP-1800	2-Chlorophenol	10	U	R	UG/L	GRAB	2-Chlorophenol
AWB015011X	AWB01801HN	6/1/2004	ICPP-1800	2-Chlorophenol	10	U		UG/L	GRAB	2-Chlorophenol
AWB02501HN	AWB026011X	9/8/2004	ICPP-1800	2-Chlorophenol	10	U		UG/L	GRAB	2-Chlorophenol
AWB00001HN	AWB00401HN	6/25/2003	ICPP-1829	2-Chlorophenol	10	U	R	UG/L	GRAB	2-Chlorophenol
AWB00701HN	AWB01101HN	3/29/2004	ICPP-1829	2-Chlorophenol	10	U	R	UG/L	GRAB	2-Chlorophenol
AWB015011X	AWB01901HN	6/2/2004	ICPP-1829	2-Chlorophenol	10	U		UG/L	GRAB	2-Chlorophenol
AWB02501HN	AWB02702HN	9/8/2004	ICPP-1829	2-Chlorophenol	10	U		UG/L	FIELD DUPLICATE	2-Chlorophenol
AWB02501HN	AWB02701HN	9/8/2004	ICPP-1829	2-Chlorophenol	10	U		UG/L	GRAB	2-Chlorophenol
AWB00001HN	AWB00001HN	6/24/2003	ICPP-1831	2-Chlorophenol	10	U		UG/L	GRAB	2-Chlorophenol
AWB00701HN	AWB00702HN	3/29/2004	ICPP-1831	2-Chlorophenol	10	U	R	UG/L	FIELD DUPLICATE	2-Chlorophenol
AWB00701HN	AWB00701HN	3/29/2004	ICPP-1831	2-Chlorophenol	10	U	R	UG/L	GRAB	2-Chlorophenol
AWB015011X	AWB015011X	6/1/2004	ICPP-1831	2-Chlorophenol	10	U		UG/L	GRAB	2-Chlorophenol
AWB02501HN	AWB02301HN	9/7/2004	ICPP-1831	2-Chlorophenol	10	U		UG/L	GRAB	2-Chlorophenol
AWB035011X	AWB03502HN	12/20/2004	USGS-123	2-Chlorophenol	10	U		UG/L	FIELD DUPLICATE	2-Chlorophenol
AWB035011X	AWB03501HN	12/20/2004	USGS-123	2-Chlorophenol	10	U		UG/L	GRAB	2-Chlorophenol
AWB035011X	AWB035011X	12/20/2004	USGS-123	2-Chlorophenol	10	U		UG/L	GRAB	2-Chlorophenol
AWB03901HN	AWB03802HN	3/7/2005	USGS-123	2-Chlorophenol	10	U		UG/L	FIELD DUPLICATE	2-Chlorophenol

Table B-2. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
AWB04501HN	AWB04502HN	5/31/2005	USGS-123	2-Chlorophenol	10	U		UG/L	FIELD DUPLICATE	2-Chlorophenol
AWB04501HN	AWB04501HN	5/31/2005	USGS-123	2-Chlorophenol	10	U		UG/L	GRAB	2-Chlorophenol
AWB10601HN	AWB10602HN	9/14/2005	USGS-123	2-Chlorophenol	10	U		UG/L	FIELD DUPLICATE	2-Chlorophenol
AWB10601HN	AWB10601HN	9/14/2005	USGS-123	2-Chlorophenol	10	U		UG/L	GRAB	2-Chlorophenol
AWB04001AV	AWB04301AV	5/31/2005	ICPP-1800	2-Chlorotoluene	1	U		UG/L	GRAB	2-Chlorotoluene
AWB00001HN	AWB001011X	6/24/2003	ICPP-1782	2-Methylnaphthalene	10	U		UG/L	GRAB	2-Methylnaphthalene
AWB00701HN	AWB008011X	3/29/2004	ICPP-1782	2-Methylnaphthalene	10	U		UG/L	GRAB	2-Methylnaphthalene
AWB015011X	AWB01602HN	6/1/2004	ICPP-1782	2-Methylnaphthalene	10	U		UG/L	FIELD DUPLICATE	2-Methylnaphthalene
AWB015011X	AWB01601HN	6/1/2004	ICPP-1782	2-Methylnaphthalene	10	U		UG/L	GRAB	2-Methylnaphthalene
AWB02501HN	AWB02401HN	9/7/2004	ICPP-1782	2-Methylnaphthalene	10	U		UG/L	GRAB	2-Methylnaphthalene
AWB00001HN	AWB00202HN	6/24/2003	ICPP-1783	2-Methylnaphthalene	10	U		UG/L	FIELD DUPLICATE	2-Methylnaphthalene
AWB00001HN	AWB00201HN	6/24/2003	ICPP-1783	2-Methylnaphthalene	10	U		UG/L	GRAB	2-Methylnaphthalene
AWB00701HN	AWB00901HN	3/29/2004	ICPP-1783	2-Methylnaphthalene	10	U		UG/L	GRAB	2-Methylnaphthalene
AWB015011X	AWB01701HN	6/2/2004	ICPP-1783	2-Methylnaphthalene	10	U		UG/L	GRAB	2-Methylnaphthalene
AWB02501HN	AWB02501HN	9/7/2004	ICPP-1783	2-Methylnaphthalene	10	U		UG/L	GRAB	2-Methylnaphthalene
AWB00001HN	AWB00301HN	6/24/2003	ICPP-1800	2-Methylnaphthalene	10	U		UG/L	GRAB	2-Methylnaphthalene
AWB00701HN	AWB01001HN	3/29/2004	ICPP-1800	2-Methylnaphthalene	10	U		UG/L	GRAB	2-Methylnaphthalene
AWB015011X	AWB01801HN	6/1/2004	ICPP-1800	2-Methylnaphthalene	10	U		UG/L	GRAB	2-Methylnaphthalene
AWB02501HN	AWB026011X	9/8/2004	ICPP-1800	2-Methylnaphthalene	10	U		UG/L	GRAB	2-Methylnaphthalene
AWB00001HN	AWB00401HN	6/25/2003	ICPP-1829	2-Methylnaphthalene	10	U		UG/L	GRAB	2-Methylnaphthalene
AWB00701HN	AWB01101HN	3/29/2004	ICPP-1829	2-Methylnaphthalene	10	U		UG/L	GRAB	2-Methylnaphthalene
AWB015011X	AWB01901HN	6/2/2004	ICPP-1829	2-Methylnaphthalene	10	U		UG/L	GRAB	2-Methylnaphthalene
AWB02501HN	AWB02702HN	9/8/2004	ICPP-1829	2-Methylnaphthalene	10	U		UG/L	FIELD DUPLICATE	2-Methylnaphthalene
AWB02501HN	AWB02701HN	9/8/2004	ICPP-1829	2-Methylnaphthalene	10	U		UG/L	GRAB	2-Methylnaphthalene
AWB00001HN	AWB00001HN	6/24/2003	ICPP-1831	2-Methylnaphthalene	10	U		UG/L	GRAB	2-Methylnaphthalene
AWB00701HN	AWB00702HN	3/29/2004	ICPP-1831	2-Methylnaphthalene	10	U		UG/L	FIELD DUPLICATE	2-Methylnaphthalene
AWB00701HN	AWB00701HN	3/29/2004	ICPP-1831	2-Methylnaphthalene	10	U		UG/L	GRAB	2-Methylnaphthalene
AWB015011X	AWB015011X	6/1/2004	ICPP-1831	2-Methylnaphthalene	10	U		UG/L	GRAB	2-Methylnaphthalene
AWB02501HN	AWB02301HN	9/7/2004	ICPP-1831	2-Methylnaphthalene	10	U		UG/L	GRAB	2-Methylnaphthalene
AWB035011X	AWB03502HN	12/20/2004	USGS-123	2-Methylnaphthalene	10	U		UG/L	FIELD DUPLICATE	2-Methylnaphthalene
AWB035011X	AWB03501HN	12/20/2004	USGS-123	2-Methylnaphthalene	10	U		UG/L	GRAB	2-Methylnaphthalene
AWB035011X	AWB035011X	12/20/2004	USGS-123	2-Methylnaphthalene	10	U		UG/L	GRAB	2-Methylnaphthalene
AWB03901HN	AWB03802HN	3/7/2005	USGS-123	2-Methylnaphthalene	10	U		UG/L	FIELD DUPLICATE	2-Methylnaphthalene
AWB04501HN	AWB04502HN	5/31/2005	USGS-123	2-Methylnaphthalene	10	U		UG/L	FIELD DUPLICATE	2-Methylnaphthalene
AWB04501HN	AWB04501HN	5/31/2005	USGS-123	2-Methylnaphthalene	10	U		UG/L	GRAB	2-Methylnaphthalene
AWB10601HN	AWB10602HN	9/14/2005	USGS-123	2-Methylnaphthalene	10	U		UG/L	FIELD DUPLICATE	2-Methylnaphthalene
AWB10601HN	AWB10601HN	9/14/2005	USGS-123	2-Methylnaphthalene	10	U		UG/L	GRAB	2-Methylnaphthalene
AWB00001HN	AWB001011X	6/24/2003	ICPP-1782	2-Naphthylamine	10	U	UJ	UG/L	GRAB	2-Naphthylamine
AWB00701HN	AWB008011X	3/29/2004	ICPP-1782	2-Naphthylamine	10	U		UG/L	GRAB	2-Naphthylamine
AWB015011X	AWB01602HN	6/1/2004	ICPP-1782	2-Naphthylamine	10	U		UG/L	FIELD DUPLICATE	2-Naphthylamine
AWB015011X	AWB01601HN	6/1/2004	ICPP-1782	2-Naphthylamine	10	U		UG/L	GRAB	2-Naphthylamine
AWB02501HN	AWB02401HN	9/7/2004	ICPP-1782	2-Naphthylamine	10	U		UG/L	GRAB	2-Naphthylamine
AWB00001HN	AWB00202HN	6/24/2003	ICPP-1783	2-Naphthylamine	10	U	UJ	UG/L	FIELD DUPLICATE	2-Naphthylamine
AWB00001HN	AWB00201HN	6/24/2003	ICPP-1783	2-Naphthylamine	10	U	UJ	UG/L	GRAB	2-Naphthylamine
AWB00701HN	AWB00901HN	3/29/2004	ICPP-1783	2-Naphthylamine	10	U		UG/L	GRAB	2-Naphthylamine
AWB015011X	AWB01701HN	6/2/2004	ICPP-1783	2-Naphthylamine	10	U		UG/L	GRAB	2-Naphthylamine
AWB02501HN	AWB02501HN	9/7/2004	ICPP-1783	2-Naphthylamine	10	U		UG/L	GRAB	2-Naphthylamine
AWB00001HN	AWB00301HN	6/24/2003	ICPP-1800	2-Naphthylamine	10	U	UJ	UG/L	GRAB	2-Naphthylamine
AWB00701HN	AWB01001HN	3/29/2004	ICPP-1800	2-Naphthylamine	10	U		UG/L	GRAB	2-Naphthylamine
AWB015011X	AWB01801HN	6/1/2004	ICPP-1800	2-Naphthylamine	10	U		UG/L	GRAB	2-Naphthylamine
AWB02501HN	AWB026011X	9/8/2004	ICPP-1800	2-Naphthylamine	10	U		UG/L	GRAB	2-Naphthylamine
AWB00001HN	AWB00401HN	6/25/2003	ICPP-1829	2-Naphthylamine	10	U	UJ	UG/L	GRAB	2-Naphthylamine
AWB00701HN	AWB01101HN	3/29/2004	ICPP-1829	2-Naphthylamine	10	U		UG/L	GRAB	2-Naphthylamine
AWB015011X	AWB01901HN	6/2/2004	ICPP-1829	2-Naphthylamine	10	U		UG/L	GRAB	2-Naphthylamine
AWB02501HN	AWB02702HN	9/8/2004	ICPP-1829	2-Naphthylamine	10	U		UG/L	FIELD DUPLICATE	2-Naphthylamine
AWB02501HN	AWB02701HN	9/8/2004	ICPP-1829	2-Naphthylamine	10	U		UG/L	GRAB	2-Naphthylamine
AWB00001HN	AWB00001HN	6/24/2003	ICPP-1831	2-Naphthylamine	10	U	UJ	UG/L	GRAB	2-Naphthylamine
AWB00701HN	AWB00702HN	3/29/2004	ICPP-1831	2-Naphthylamine	10	U		UG/L	FIELD DUPLICATE	2-Naphthylamine
AWB00701HN	AWB00701HN	3/29/2004	ICPP-1831	2-Naphthylamine	10	U		UG/L	GRAB	2-Naphthylamine
AWB015011X	AWB015011X	6/1/2004	ICPP-1831	2-Naphthylamine	10	U		UG/L	GRAB	2-Naphthylamine
AWB02501HN	AWB02301HN	9/7/2004	ICPP-1831	2-Naphthylamine	10	U		UG/L	GRAB	2-Naphthylamine
AWB035011X	AWB03502HN	12/20/2004	USGS-123	2-Naphthylamine	10	U		UG/L	FIELD DUPLICATE	2-Naphthylamine
AWB035011X	AWB03501HN	12/20/2004	USGS-123	2-Naphthylamine	10	U		UG/L	GRAB	2-Naphthylamine

Table B-2. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
AWB035011X	AWB035011X	12/20/2004	USGS-123	3,3'-Dichlorobenzidine	2	U	UJ	UG/L	GRAB	3,3'-Dichlorobenzidine
AWB03901HN	AWB03802HN	3/7/2005	USGS-123	3,3'-Dichlorobenzidine	2	U		UG/L	FIELD DUPLICATE	3,3'-Dichlorobenzidine
AWB04501HN	AWB04502HN	5/31/2005	USGS-123	3,3'-Dichlorobenzidine	2	U		UG/L	FIELD DUPLICATE	3,3'-Dichlorobenzidine
AWB04501HN	AWB04501HN	5/31/2005	USGS-123	3,3'-Dichlorobenzidine	2	U		UG/L	GRAB	3,3'-Dichlorobenzidine
AWB10601HN	AWB10602HN	9/14/2005	USGS-123	3,3'-Dichlorobenzidine	2	U		UG/L	FIELD DUPLICATE	3,3'-Dichlorobenzidine
AWB10601HN	AWB10601HN	9/14/2005	USGS-123	3,3'-Dichlorobenzidine	2	U		UG/L	GRAB	3,3'-Dichlorobenzidine
AWB00001HN	AWB001011X	6/24/2003	ICPP-1782	3,3'-Dimethylbenzidine	10	U		UG/L	GRAB	3,3'-Dimethylbenzidine
AWB00701HN	AWB008011X	3/29/2004	ICPP-1782	3,3'-Dimethylbenzidine	50	U		UG/L	GRAB	3,3'-Dimethylbenzidine
AWB015011X	AWB01602HN	6/1/2004	ICPP-1782	3,3'-Dimethylbenzidine	50	U		UG/L	FIELD DUPLICATE	3,3'-Dimethylbenzidine
AWB015011X	AWB01601HN	6/1/2004	ICPP-1782	3,3'-Dimethylbenzidine	50	U		UG/L	GRAB	3,3'-Dimethylbenzidine
AWB02501HN	AWB02401HN	9/7/2004	ICPP-1782	3,3'-Dimethylbenzidine	50	U	UJ	UG/L	GRAB	3,3'-Dimethylbenzidine
AWB00001HN	AWB00202HN	6/24/2003	ICPP-1783	3,3'-Dimethylbenzidine	10	U		UG/L	FIELD DUPLICATE	3,3'-Dimethylbenzidine
AWB00001HN	AWB00201HN	6/24/2003	ICPP-1783	3,3'-Dimethylbenzidine	10	U		UG/L	GRAB	3,3'-Dimethylbenzidine
AWB00701HN	AWB00901HN	3/29/2004	ICPP-1783	3,3'-Dimethylbenzidine	50	U		UG/L	GRAB	3,3'-Dimethylbenzidine
AWB015011X	AWB01701HN	6/2/2004	ICPP-1783	3,3'-Dimethylbenzidine	50	U		UG/L	GRAB	3,3'-Dimethylbenzidine
AWB02501HN	AWB02501HN	9/7/2004	ICPP-1783	3,3'-Dimethylbenzidine	50	U	UJ	UG/L	GRAB	3,3'-Dimethylbenzidine
AWB00001HN	AWB00301HN	6/24/2003	ICPP-1800	3,3'-Dimethylbenzidine	10	U		UG/L	GRAB	3,3'-Dimethylbenzidine
AWB00701HN	AWB01001HN	3/29/2004	ICPP-1800	3,3'-Dimethylbenzidine	50	U		UG/L	GRAB	3,3'-Dimethylbenzidine
AWB015011X	AWB01801HN	6/1/2004	ICPP-1800	3,3'-Dimethylbenzidine	50	U		UG/L	GRAB	3,3'-Dimethylbenzidine
AWB02501HN	AWB026011X	9/8/2004	ICPP-1800	3,3'-Dimethylbenzidine	50	U	UJ	UG/L	GRAB	3,3'-Dimethylbenzidine
AWB00001HN	AWB00401HN	6/25/2003	ICPP-1829	3,3'-Dimethylbenzidine	10	U		UG/L	GRAB	3,3'-Dimethylbenzidine
AWB00701HN	AWB01101HN	3/29/2004	ICPP-1829	3,3'-Dimethylbenzidine	50	U		UG/L	GRAB	3,3'-Dimethylbenzidine
AWB015011X	AWB01901HN	6/2/2004	ICPP-1829	3,3'-Dimethylbenzidine	50	U		UG/L	GRAB	3,3'-Dimethylbenzidine
AWB02501HN	AWB02702HN	9/8/2004	ICPP-1829	3,3'-Dimethylbenzidine	50	U	UJ	UG/L	FIELD DUPLICATE	3,3'-Dimethylbenzidine
AWB02501HN	AWB02701HN	9/8/2004	ICPP-1829	3,3'-Dimethylbenzidine	50	U	UJ	UG/L	GRAB	3,3'-Dimethylbenzidine
AWB00001HN	AWB00001HN	6/24/2003	ICPP-1831	3,3'-Dimethylbenzidine	10	U		UG/L	GRAB	3,3'-Dimethylbenzidine
AWB00701HN	AWB00702HN	3/29/2004	ICPP-1831	3,3'-Dimethylbenzidine	50	U		UG/L	FIELD DUPLICATE	3,3'-Dimethylbenzidine
AWB00701HN	AWB00701HN	3/29/2004	ICPP-1831	3,3'-Dimethylbenzidine	50	U		UG/L	GRAB	3,3'-Dimethylbenzidine
AWB015011X	AWB015011X	6/1/2004	ICPP-1831	3,3'-Dimethylbenzidine	50	U		UG/L	GRAB	3,3'-Dimethylbenzidine
AWB02501HN	AWB02301HN	9/7/2004	ICPP-1831	3,3'-Dimethylbenzidine	50	U	UJ	UG/L	GRAB	3,3'-Dimethylbenzidine
AWB035011X	AWB03502HN	12/20/2004	USGS-123	3,3'-Dimethylbenzidine	50	U	UJ	UG/L	FIELD DUPLICATE	3,3'-Dimethylbenzidine
AWB035011X	AWB03501HN	12/20/2004	USGS-123	3,3'-Dimethylbenzidine	50	U	UJ	UG/L	GRAB	3,3'-Dimethylbenzidine
AWB035011X	AWB035011X	12/20/2004	USGS-123	3,3'-Dimethylbenzidine	50	U	UJ	UG/L	GRAB	3,3'-Dimethylbenzidine
AWB03901HN	AWB03802HN	3/7/2005	USGS-123	3,3'-Dimethylbenzidine	50	U		UG/L	FIELD DUPLICATE	3,3'-Dimethylbenzidine
AWB04501HN	AWB04502HN	5/31/2005	USGS-123	3,3'-Dimethylbenzidine	50	U		UG/L	FIELD DUPLICATE	3,3'-Dimethylbenzidine
AWB04501HN	AWB04501HN	5/31/2005	USGS-123	3,3'-Dimethylbenzidine	50	U		UG/L	GRAB	3,3'-Dimethylbenzidine
AWB10601HN	AWB10602HN	9/14/2005	USGS-123	3,3'-Dimethylbenzidine	10	U		UG/L	FIELD DUPLICATE	3,3'-Dimethylbenzidine
AWB10601HN	AWB10601HN	9/14/2005	USGS-123	3,3'-Dimethylbenzidine	10	U		UG/L	GRAB	3,3'-Dimethylbenzidine
AWB00001HN	AWB001011X	6/24/2003	ICPP-1782	3-Methylcholanthrene	10	U		UG/L	GRAB	3-Methylcholanthrene
AWB00701HN	AWB008011X	3/29/2004	ICPP-1782	3-Methylcholanthrene	20	U		UG/L	GRAB	3-Methylcholanthrene
AWB015011X	AWB01602HN	6/1/2004	ICPP-1782	3-Methylcholanthrene	20	U		UG/L	FIELD DUPLICATE	3-Methylcholanthrene
AWB015011X	AWB01601HN	6/1/2004	ICPP-1782	3-Methylcholanthrene	20	U		UG/L	GRAB	3-Methylcholanthrene
AWB02501HN	AWB02401HN	9/7/2004	ICPP-1782	3-Methylcholanthrene	20	U	UJ	UG/L	GRAB	3-Methylcholanthrene
AWB00001HN	AWB00202HN	6/24/2003	ICPP-1783	3-Methylcholanthrene	10	U		UG/L	FIELD DUPLICATE	3-Methylcholanthrene
AWB00001HN	AWB00201HN	6/24/2003	ICPP-1783	3-Methylcholanthrene	10	U		UG/L	GRAB	3-Methylcholanthrene
AWB00701HN	AWB00901HN	3/29/2004	ICPP-1783	3-Methylcholanthrene	20	U		UG/L	GRAB	3-Methylcholanthrene
AWB015011X	AWB01701HN	6/2/2004	ICPP-1783	3-Methylcholanthrene	20	U		UG/L	GRAB	3-Methylcholanthrene
AWB02501HN	AWB02501HN	9/7/2004	ICPP-1783	3-Methylcholanthrene	20	U	UJ	UG/L	GRAB	3-Methylcholanthrene
AWB00001HN	AWB00301HN	6/24/2003	ICPP-1800	3-Methylcholanthrene	10	U		UG/L	GRAB	3-Methylcholanthrene
AWB00701HN	AWB01001HN	3/29/2004	ICPP-1800	3-Methylcholanthrene	20	U		UG/L	GRAB	3-Methylcholanthrene
AWB015011X	AWB01801HN	6/1/2004	ICPP-1800	3-Methylcholanthrene	20	U		UG/L	GRAB	3-Methylcholanthrene
AWB02501HN	AWB026011X	9/8/2004	ICPP-1800	3-Methylcholanthrene	20	U	UJ	UG/L	GRAB	3-Methylcholanthrene
AWB00001HN	AWB00401HN	6/25/2003	ICPP-1829	3-Methylcholanthrene	10	U		UG/L	GRAB	3-Methylcholanthrene
AWB00701HN	AWB01101HN	3/29/2004	ICPP-1829	3-Methylcholanthrene	20	U		UG/L	GRAB	3-Methylcholanthrene
AWB015011X	AWB01901HN	6/2/2004	ICPP-1829	3-Methylcholanthrene	20	U		UG/L	GRAB	3-Methylcholanthrene
AWB02501HN	AWB02702HN	9/8/2004	ICPP-1829	3-Methylcholanthrene	20	U	UJ	UG/L	FIELD DUPLICATE	3-Methylcholanthrene
AWB02501HN	AWB02701HN	9/8/2004	ICPP-1829	3-Methylcholanthrene	20	U	UJ	UG/L	GRAB	3-Methylcholanthrene
AWB00001HN	AWB00001HN	6/24/2003	ICPP-1831	3-Methylcholanthrene	10	U		UG/L	GRAB	3-Methylcholanthrene
AWB00701HN	AWB00702HN	3/29/2004	ICPP-1831	3-Methylcholanthrene	20	U		UG/L	FIELD DUPLICATE	3-Methylcholanthrene
AWB00701HN	AWB00701HN	3/29/2004	ICPP-1831	3-Methylcholanthrene	20	U		UG/L	GRAB	3-Methylcholanthrene
AWB015011X	AWB015011X	6/1/2004	ICPP-1831	3-Methylcholanthrene	20	U		UG/L	GRAB	3-Methylcholanthrene
AWB02501HN	AWB02301HN	9/7/2004	ICPP-1831	3-Methylcholanthrene	20	U	UJ	UG/L	GRAB	3-Methylcholanthrene
AWB035011X	AWB03502HN	12/20/2004	USGS-123	3-Methylcholanthrene	20	U	UJ	UG/L	FIELD DUPLICATE	3-Methylcholanthrene

Table B-2. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
AWB035011X	AWB03501HN	12/20/2004	USGS-123	3-Methylcholanthrene	20	U	UJ	UG/L	GRAB	3-Methylcholanthrene
AWB035011X	AWB035011X	12/20/2004	USGS-123	3-Methylcholanthrene	20	U	UJ	UG/L	GRAB	3-Methylcholanthrene
AWB03901HN	AWB03802HN	3/7/2005	USGS-123	3-Methylcholanthrene	20	U		UG/L	FIELD DUPLICATE	3-Methylcholanthrene
AWB04501HN	AWB04502HN	5/31/2005	USGS-123	3-Methylcholanthrene	20	U		UG/L	FIELD DUPLICATE	3-Methylcholanthrene
AWB04501HN	AWB04501HN	5/31/2005	USGS-123	3-Methylcholanthrene	20	U		UG/L	GRAB	3-Methylcholanthrene
AWB10601HN	AWB10602HN	9/14/2005	USGS-123	3-Methylcholanthrene	10	U		UG/L	FIELD DUPLICATE	3-Methylcholanthrene
AWB10601HN	AWB10601HN	9/14/2005	USGS-123	3-Methylcholanthrene	10	U		UG/L	GRAB	3-Methylcholanthrene
AWB00001HN	AWB001011X	6/24/2003	ICPP-1782	4,6-Dinitro-2-methylphenol	50	U	R	UG/L	GRAB	4,6-Dinitro-2-methylphenol
AWB00701HN	AWB008011X	3/29/2004	ICPP-1782	4,6-Dinitro-2-methylphenol	50	U	R	UG/L	GRAB	4,6-Dinitro-2-methylphenol
AWB015011X	AWB01602HN	6/1/2004	ICPP-1782	4,6-Dinitro-2-methylphenol	50	U		UG/L	FIELD DUPLICATE	4,6-Dinitro-2-methylphenol
AWB015011X	AWB01601HN	6/1/2004	ICPP-1782	4,6-Dinitro-2-methylphenol	50	U		UG/L	GRAB	4,6-Dinitro-2-methylphenol
AWB02501HN	AWB02401HN	9/7/2004	ICPP-1782	4,6-Dinitro-2-methylphenol	50	U		UG/L	GRAB	4,6-Dinitro-2-methylphenol
AWB00001HN	AWB00202HN	6/24/2003	ICPP-1783	4,6-Dinitro-2-methylphenol	50	U	R	UG/L	FIELD DUPLICATE	4,6-Dinitro-2-methylphenol
AWB00001HN	AWB00201HN	6/24/2003	ICPP-1783	4,6-Dinitro-2-methylphenol	50	U	R	UG/L	GRAB	4,6-Dinitro-2-methylphenol
AWB00701HN	AWB00901HN	3/29/2004	ICPP-1783	4,6-Dinitro-2-methylphenol	50	U	R	UG/L	GRAB	4,6-Dinitro-2-methylphenol
AWB015011X	AWB01701HN	6/2/2004	ICPP-1783	4,6-Dinitro-2-methylphenol	50	U		UG/L	GRAB	4,6-Dinitro-2-methylphenol
AWB02501HN	AWB02501HN	9/7/2004	ICPP-1783	4,6-Dinitro-2-methylphenol	50	U		UG/L	GRAB	4,6-Dinitro-2-methylphenol
AWB00001HN	AWB00301HN	6/24/2003	ICPP-1800	4,6-Dinitro-2-methylphenol	50	U	R	UG/L	GRAB	4,6-Dinitro-2-methylphenol
AWB00701HN	AWB01001HN	3/29/2004	ICPP-1800	4,6-Dinitro-2-methylphenol	50	U	R	UG/L	GRAB	4,6-Dinitro-2-methylphenol
AWB015011X	AWB01801HN	6/1/2004	ICPP-1800	4,6-Dinitro-2-methylphenol	50	U		UG/L	GRAB	4,6-Dinitro-2-methylphenol
AWB02501HN	AWB026011X	9/8/2004	ICPP-1800	4,6-Dinitro-2-methylphenol	50	U		UG/L	GRAB	4,6-Dinitro-2-methylphenol
AWB00001HN	AWB00401HN	6/25/2003	ICPP-1829	4,6-Dinitro-2-methylphenol	50	U	R	UG/L	GRAB	4,6-Dinitro-2-methylphenol
AWB00701HN	AWB01101HN	3/29/2004	ICPP-1829	4,6-Dinitro-2-methylphenol	50	U	R	UG/L	GRAB	4,6-Dinitro-2-methylphenol
AWB015011X	AWB01901HN	6/2/2004	ICPP-1829	4,6-Dinitro-2-methylphenol	50	U		UG/L	GRAB	4,6-Dinitro-2-methylphenol
AWB02501HN	AWB02702HN	9/8/2004	ICPP-1829	4,6-Dinitro-2-methylphenol	50	U		UG/L	FIELD DUPLICATE	4,6-Dinitro-2-methylphenol
AWB02501HN	AWB02701HN	9/8/2004	ICPP-1829	4,6-Dinitro-2-methylphenol	50	U		UG/L	GRAB	4,6-Dinitro-2-methylphenol
AWB00001HN	AWB00001HN	6/24/2003	ICPP-1831	4,6-Dinitro-2-methylphenol	50	U	R	UG/L	GRAB	4,6-Dinitro-2-methylphenol
AWB00701HN	AWB00702HN	3/29/2004	ICPP-1831	4,6-Dinitro-2-methylphenol	50	U	R	UG/L	FIELD DUPLICATE	4,6-Dinitro-2-methylphenol
AWB00701HN	AWB00701HN	3/29/2004	ICPP-1831	4,6-Dinitro-2-methylphenol	50	U	R	UG/L	GRAB	4,6-Dinitro-2-methylphenol
AWB015011X	AWB015011X	6/1/2004	ICPP-1831	4,6-Dinitro-2-methylphenol	50	U		UG/L	GRAB	4,6-Dinitro-2-methylphenol
AWB02501HN	AWB02301HN	9/7/2004	ICPP-1831	4,6-Dinitro-2-methylphenol	50	U		UG/L	GRAB	4,6-Dinitro-2-methylphenol
AWB035011X	AWB03502HN	12/20/2004	USGS-123	4,6-Dinitro-2-methylphenol	50	U	UJ	UG/L	FIELD DUPLICATE	4,6-Dinitro-2-methylphenol
AWB035011X	AWB03501HN	12/20/2004	USGS-123	4,6-Dinitro-2-methylphenol	50	U	UJ	UG/L	GRAB	4,6-Dinitro-2-methylphenol
AWB035011X	AWB035011X	12/20/2004	USGS-123	4,6-Dinitro-2-methylphenol	50	U	UJ	UG/L	GRAB	4,6-Dinitro-2-methylphenol
AWB03901HN	AWB03802HN	3/7/2005	USGS-123	4,6-Dinitro-2-methylphenol	50	U		UG/L	FIELD DUPLICATE	4,6-Dinitro-2-methylphenol
AWB04501HN	AWB04502HN	5/31/2005	USGS-123	4,6-Dinitro-2-methylphenol	50	U		UG/L	FIELD DUPLICATE	4,6-Dinitro-2-methylphenol
AWB04501HN	AWB04501HN	5/31/2005	USGS-123	4,6-Dinitro-2-methylphenol	50	U		UG/L	GRAB	4,6-Dinitro-2-methylphenol
AWB10601HN	AWB10602HN	9/14/2005	USGS-123	4,6-Dinitro-2-methylphenol	50	U		UG/L	FIELD DUPLICATE	4,6-Dinitro-2-methylphenol
AWB10601HN	AWB10601HN	9/14/2005	USGS-123	4,6-Dinitro-2-methylphenol	50	U		UG/L	GRAB	4,6-Dinitro-2-methylphenol
AWB00001HN	AWB001011X	6/24/2003	ICPP-1782	4-Aminobiphenyl	20	U		UG/L	GRAB	4-Aminobiphenyl
AWB00701HN	AWB008011X	3/29/2004	ICPP-1782	4-Aminobiphenyl	50	U		UG/L	GRAB	4-Aminobiphenyl
AWB015011X	AWB01602HN	6/1/2004	ICPP-1782	4-Aminobiphenyl	50	U		UG/L	FIELD DUPLICATE	4-Aminobiphenyl
AWB015011X	AWB01601HN	6/1/2004	ICPP-1782	4-Aminobiphenyl	50	U		UG/L	GRAB	4-Aminobiphenyl
AWB02501HN	AWB02401HN	9/7/2004	ICPP-1782	4-Aminobiphenyl	50	U		UG/L	GRAB	4-Aminobiphenyl
AWB00001HN	AWB00202HN	6/24/2003	ICPP-1783	4-Aminobiphenyl	20	U		UG/L	FIELD DUPLICATE	4-Aminobiphenyl
AWB00001HN	AWB00201HN	6/24/2003	ICPP-1783	4-Aminobiphenyl	20	U		UG/L	GRAB	4-Aminobiphenyl
AWB00701HN	AWB00901HN	3/29/2004	ICPP-1783	4-Aminobiphenyl	50	U		UG/L	GRAB	4-Aminobiphenyl
AWB015011X	AWB01701HN	6/2/2004	ICPP-1783	4-Aminobiphenyl	50	U		UG/L	GRAB	4-Aminobiphenyl
AWB02501HN	AWB02501HN	9/7/2004	ICPP-1783	4-Aminobiphenyl	50	U		UG/L	GRAB	4-Aminobiphenyl
AWB00001HN	AWB00301HN	6/24/2003	ICPP-1800	4-Aminobiphenyl	20	U		UG/L	GRAB	4-Aminobiphenyl
AWB00701HN	AWB01001HN	3/29/2004	ICPP-1800	4-Aminobiphenyl	50	U		UG/L	GRAB	4-Aminobiphenyl
AWB015011X	AWB01801HN	6/1/2004	ICPP-1800	4-Aminobiphenyl	50	U		UG/L	GRAB	4-Aminobiphenyl
AWB02501HN	AWB026011X	9/8/2004	ICPP-1800	4-Aminobiphenyl	50	U		UG/L	GRAB	4-Aminobiphenyl
AWB00001HN	AWB00401HN	6/25/2003	ICPP-1829	4-Aminobiphenyl	20	U		UG/L	GRAB	4-Aminobiphenyl
AWB00701HN	AWB01101HN	3/29/2004	ICPP-1829	4-Aminobiphenyl	50	U		UG/L	GRAB	4-Aminobiphenyl
AWB015011X	AWB01901HN	6/2/2004	ICPP-1829	4-Aminobiphenyl	50	U		UG/L	GRAB	4-Aminobiphenyl
AWB02501HN	AWB02702HN	9/8/2004	ICPP-1829	4-Aminobiphenyl	50	U		UG/L	FIELD DUPLICATE	4-Aminobiphenyl
AWB02501HN	AWB02701HN	9/8/2004	ICPP-1829	4-Aminobiphenyl	50	U		UG/L	GRAB	4-Aminobiphenyl
AWB00001HN	AWB00001HN	6/24/2003	ICPP-1831	4-Aminobiphenyl	20	U		UG/L	GRAB	4-Aminobiphenyl
AWB00701HN	AWB00702HN	3/29/2004	ICPP-1831	4-Aminobiphenyl	50	U		UG/L	FIELD DUPLICATE	4-Aminobiphenyl
AWB00701HN	AWB00701HN	3/29/2004	ICPP-1831	4-Aminobiphenyl	50	U		UG/L	GRAB	4-Aminobiphenyl
AWB015011X	AWB015011X	6/1/2004	ICPP-1831	4-Aminobiphenyl	50	U		UG/L	GRAB	4-Aminobiphenyl
AWB02501HN	AWB02301HN	9/7/2004	ICPP-1831	4-Aminobiphenyl	50	U		UG/L	GRAB	4-Aminobiphenyl
AWB035011X	AWB03502HN	12/20/2004	USGS-123	4-Aminobiphenyl	50	U		UG/L	FIELD DUPLICATE	4-Aminobiphenyl

Table B-2. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
AWB035011X	AWB03501HN	12/20/2004	USGS-123	4-Aminobiphenyl	50	U		UG/L	GRAB	4-Aminobiphenyl
AWB035011X	AWB035011X	12/20/2004	USGS-123	4-Aminobiphenyl	50	U		UG/L	GRAB	4-Aminobiphenyl
AWB03901HN	AWB03802HN	3/7/2005	USGS-123	4-Aminobiphenyl	50	U		UG/L	FIELD DUPLICATE	4-Aminobiphenyl
AWB04501HN	AWB04502HN	5/31/2005	USGS-123	4-Aminobiphenyl	50	U		UG/L	FIELD DUPLICATE	4-Aminobiphenyl
AWB04501HN	AWB04501HN	5/31/2005	USGS-123	4-Aminobiphenyl	50	U		UG/L	GRAB	4-Aminobiphenyl
AWB10601HN	AWB10602HN	9/14/2005	USGS-123	4-Aminobiphenyl	20	U		UG/L	FIELD DUPLICATE	4-Aminobiphenyl
AWB10601HN	AWB10601HN	9/14/2005	USGS-123	4-Aminobiphenyl	20	U		UG/L	GRAB	4-Aminobiphenyl
AWB00001HN	AWB001011X	6/24/2003	ICPP-1782	4-Bromophenyl phenyl ether	10	U		UG/L	GRAB	4-Bromophenyl phenyl ether
AWB00701HN	AWB008011X	3/29/2004	ICPP-1782	4-Bromophenyl phenyl ether	10	U		UG/L	GRAB	4-Bromophenyl phenyl ether
AWB015011X	AWB01602HN	6/1/2004	ICPP-1782	4-Bromophenyl phenyl ether	10	U		UG/L	FIELD DUPLICATE	4-Bromophenyl phenyl ether
AWB015011X	AWB01601HN	6/1/2004	ICPP-1782	4-Bromophenyl phenyl ether	10	U		UG/L	GRAB	4-Bromophenyl phenyl ether
AWB02501HN	AWB02401HN	9/7/2004	ICPP-1782	4-Bromophenyl phenyl ether	10	U		UG/L	GRAB	4-Bromophenyl phenyl ether
AWB00001HN	AWB00202HN	6/24/2003	ICPP-1783	4-Bromophenyl phenyl ether	10	U		UG/L	FIELD DUPLICATE	4-Bromophenyl phenyl ether
AWB00001HN	AWB00201HN	6/24/2003	ICPP-1783	4-Bromophenyl phenyl ether	10	U		UG/L	GRAB	4-Bromophenyl phenyl ether
AWB00701HN	AWB00901HN	3/29/2004	ICPP-1783	4-Bromophenyl phenyl ether	10	U		UG/L	GRAB	4-Bromophenyl phenyl ether
AWB015011X	AWB01701HN	6/2/2004	ICPP-1783	4-Bromophenyl phenyl ether	10	U		UG/L	GRAB	4-Bromophenyl phenyl ether
AWB02501HN	AWB02501HN	9/7/2004	ICPP-1783	4-Bromophenyl phenyl ether	10	U		UG/L	GRAB	4-Bromophenyl phenyl ether
AWB00001HN	AWB00301HN	6/24/2003	ICPP-1800	4-Bromophenyl phenyl ether	10	U		UG/L	GRAB	4-Bromophenyl phenyl ether
AWB00701HN	AWB01001HN	3/29/2004	ICPP-1800	4-Bromophenyl phenyl ether	10	U		UG/L	GRAB	4-Bromophenyl phenyl ether
AWB015011X	AWB01801HN	6/1/2004	ICPP-1800	4-Bromophenyl phenyl ether	10	U		UG/L	GRAB	4-Bromophenyl phenyl ether
AWB02501HN	AWB026011X	9/8/2004	ICPP-1800	4-Bromophenyl phenyl ether	10	U		UG/L	GRAB	4-Bromophenyl phenyl ether
AWB00001HN	AWB00401HN	6/25/2003	ICPP-1829	4-Bromophenyl phenyl ether	10	U		UG/L	GRAB	4-Bromophenyl phenyl ether
AWB00701HN	AWB01101HN	3/29/2004	ICPP-1829	4-Bromophenyl phenyl ether	10	U		UG/L	GRAB	4-Bromophenyl phenyl ether
AWB015011X	AWB01901HN	6/2/2004	ICPP-1829	4-Bromophenyl phenyl ether	10	U		UG/L	GRAB	4-Bromophenyl phenyl ether
AWB02501HN	AWB02702HN	9/8/2004	ICPP-1829	4-Bromophenyl phenyl ether	10	U		UG/L	FIELD DUPLICATE	4-Bromophenyl phenyl ether
AWB02501HN	AWB02701HN	9/8/2004	ICPP-1829	4-Bromophenyl phenyl ether	10	U		UG/L	GRAB	4-Bromophenyl phenyl ether
AWB00001HN	AWB00001HN	6/24/2003	ICPP-1831	4-Bromophenyl phenyl ether	10	U		UG/L	GRAB	4-Bromophenyl phenyl ether
AWB00701HN	AWB00702HN	3/29/2004	ICPP-1831	4-Bromophenyl phenyl ether	10	U		UG/L	FIELD DUPLICATE	4-Bromophenyl phenyl ether
AWB00701HN	AWB00701HN	3/29/2004	ICPP-1831	4-Bromophenyl phenyl ether	10	U		UG/L	GRAB	4-Bromophenyl phenyl ether
AWB015011X	AWB015011X	6/1/2004	ICPP-1831	4-Bromophenyl phenyl ether	10	U		UG/L	GRAB	4-Bromophenyl phenyl ether
AWB02501HN	AWB02301HN	9/7/2004	ICPP-1831	4-Bromophenyl phenyl ether	10	U		UG/L	GRAB	4-Bromophenyl phenyl ether
AWB035011X	AWB03502HN	12/20/2004	USGS-123	4-Bromophenyl phenyl ether	10	U		UG/L	FIELD DUPLICATE	4-Bromophenyl phenyl ether
AWB035011X	AWB03501HN	12/20/2004	USGS-123	4-Bromophenyl phenyl ether	10	U		UG/L	GRAB	4-Bromophenyl phenyl ether
AWB035011X	AWB035011X	12/20/2004	USGS-123	4-Bromophenyl phenyl ether	10	U		UG/L	GRAB	4-Bromophenyl phenyl ether
AWB03901HN	AWB03802HN	3/7/2005	USGS-123	4-Bromophenyl phenyl ether	10	U	UJ	UG/L	FIELD DUPLICATE	4-Bromophenyl phenyl ether
AWB04501HN	AWB04502HN	5/31/2005	USGS-123	4-Bromophenyl phenyl ether	10	U		UG/L	FIELD DUPLICATE	4-Bromophenyl phenyl ether
AWB04501HN	AWB04501HN	5/31/2005	USGS-123	4-Bromophenyl phenyl ether	10	U		UG/L	GRAB	4-Bromophenyl phenyl ether
AWB10601HN	AWB10602HN	9/14/2005	USGS-123	4-Bromophenyl phenyl ether	10	U		UG/L	FIELD DUPLICATE	4-Bromophenyl phenyl ether
AWB10601HN	AWB10601HN	9/14/2005	USGS-123	4-Bromophenyl phenyl ether	10	U		UG/L	GRAB	4-Bromophenyl phenyl ether
AWB00001HN	AWB001011X	6/24/2003	ICPP-1782	4-Chloro-3-methylphenol	10	U	R	UG/L	GRAB	4-Chloro-3-methylphenol
AWB00701HN	AWB008011X	3/29/2004	ICPP-1782	4-Chloro-3-methylphenol	10	U	R	UG/L	GRAB	4-Chloro-3-methylphenol
AWB015011X	AWB01602HN	6/1/2004	ICPP-1782	4-Chloro-3-methylphenol	10	U		UG/L	FIELD DUPLICATE	4-Chloro-3-methylphenol
AWB015011X	AWB01601HN	6/1/2004	ICPP-1782	4-Chloro-3-methylphenol	10	U		UG/L	GRAB	4-Chloro-3-methylphenol
AWB02501HN	AWB02401HN	9/7/2004	ICPP-1782	4-Chloro-3-methylphenol	10	U		UG/L	GRAB	4-Chloro-3-methylphenol
AWB00001HN	AWB00202HN	6/24/2003	ICPP-1783	4-Chloro-3-methylphenol	10	U	R	UG/L	FIELD DUPLICATE	4-Chloro-3-methylphenol
AWB00001HN	AWB00201HN	6/24/2003	ICPP-1783	4-Chloro-3-methylphenol	10	U	R	UG/L	GRAB	4-Chloro-3-methylphenol
AWB00701HN	AWB00901HN	3/29/2004	ICPP-1783	4-Chloro-3-methylphenol	10	U	R	UG/L	GRAB	4-Chloro-3-methylphenol
AWB015011X	AWB01701HN	6/2/2004	ICPP-1783	4-Chloro-3-methylphenol	10	U		UG/L	GRAB	4-Chloro-3-methylphenol
AWB02501HN	AWB02501HN	9/7/2004	ICPP-1783	4-Chloro-3-methylphenol	10	U		UG/L	GRAB	4-Chloro-3-methylphenol
AWB00001HN	AWB00301HN	6/24/2003	ICPP-1800	4-Chloro-3-methylphenol	10	U	R	UG/L	GRAB	4-Chloro-3-methylphenol
AWB00701HN	AWB01001HN	3/29/2004	ICPP-1800	4-Chloro-3-methylphenol	10	U	R	UG/L	GRAB	4-Chloro-3-methylphenol
AWB015011X	AWB01801HN	6/1/2004	ICPP-1800	4-Chloro-3-methylphenol	10	U		UG/L	GRAB	4-Chloro-3-methylphenol
AWB02501HN	AWB026011X	9/8/2004	ICPP-1800	4-Chloro-3-methylphenol	10	U		UG/L	GRAB	4-Chloro-3-methylphenol
AWB00001HN	AWB00401HN	6/25/2003	ICPP-1829	4-Chloro-3-methylphenol	10	U	R	UG/L	GRAB	4-Chloro-3-methylphenol
AWB00701HN	AWB01101HN	3/29/2004	ICPP-1829	4-Chloro-3-methylphenol	10	U	R	UG/L	GRAB	4-Chloro-3-methylphenol
AWB015011X	AWB01901HN	6/2/2004	ICPP-1829	4-Chloro-3-methylphenol	10	U		UG/L	GRAB	4-Chloro-3-methylphenol
AWB02501HN	AWB02702HN	9/8/2004	ICPP-1829	4-Chloro-3-methylphenol	10	U		UG/L	FIELD DUPLICATE	4-Chloro-3-methylphenol
AWB02501HN	AWB02701HN	9/8/2004	ICPP-1829	4-Chloro-3-methylphenol	10	U		UG/L	GRAB	4-Chloro-3-methylphenol
AWB00001HN	AWB00001HN	6/24/2003	ICPP-1831	4-Chloro-3-methylphenol	10	U		UG/L	GRAB	4-Chloro-3-methylphenol
AWB00701HN	AWB00702HN	3/29/2004	ICPP-1831	4-Chloro-3-methylphenol	10	U	R	UG/L	FIELD DUPLICATE	4-Chloro-3-methylphenol
AWB00701HN	AWB00701HN	3/29/2004	ICPP-1831	4-Chloro-3-methylphenol	10	U	R	UG/L	GRAB	4-Chloro-3-methylphenol
AWB015011X	AWB015011X	6/1/2004	ICPP-1831	4-Chloro-3-methylphenol	10	U		UG/L	GRAB	4-Chloro-3-methylphenol
AWB02501HN	AWB02301HN	9/7/2004	ICPP-1831	4-Chloro-3-methylphenol	10	U		UG/L	GRAB	4-Chloro-3-methylphenol

Table B-2. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
AWB035011X	AWB03502HN	12/20/2004	USGS-123	4-Chloro-3-methylphenol	10	U		UG/L	FIELD DUPLICATE	4-Chloro-3-methylphenol
AWB035011X	AWB03501HN	12/20/2004	USGS-123	4-Chloro-3-methylphenol	10	U		UG/L	GRAB	4-Chloro-3-methylphenol
AWB035011X	AWB035011X	12/20/2004	USGS-123	4-Chloro-3-methylphenol	10	U		UG/L	GRAB	4-Chloro-3-methylphenol
AWB03901HN	AWB03802HN	3/7/2005	USGS-123	4-Chloro-3-methylphenol	10	U		UG/L	FIELD DUPLICATE	4-Chloro-3-methylphenol
AWB04501HN	AWB04502HN	5/31/2005	USGS-123	4-Chloro-3-methylphenol	10	U		UG/L	FIELD DUPLICATE	4-Chloro-3-methylphenol
AWB04501HN	AWB04501HN	5/31/2005	USGS-123	4-Chloro-3-methylphenol	10	U		UG/L	GRAB	4-Chloro-3-methylphenol
AWB10601HN	AWB10602HN	9/14/2005	USGS-123	4-Chloro-3-methylphenol	10	U		UG/L	FIELD DUPLICATE	4-Chloro-3-methylphenol
AWB10601HN	AWB10601HN	9/14/2005	USGS-123	4-Chloro-3-methylphenol	10	U		UG/L	GRAB	4-Chloro-3-methylphenol
AWB00001HN	AWB001011X	6/24/2003	ICPP-1782	4-Chloroaniline	10	U		UG/L	GRAB	4-Chloroaniline
AWB00701HN	AWB008011X	3/29/2004	ICPP-1782	4-Chloroaniline	10	U		UG/L	GRAB	4-Chloroaniline
AWB015011X	AWB01602HN	6/1/2004	ICPP-1782	4-Chloroaniline	10	U		UG/L	FIELD DUPLICATE	4-Chloroaniline
AWB015011X	AWB01601HN	6/1/2004	ICPP-1782	4-Chloroaniline	10	U		UG/L	GRAB	4-Chloroaniline
AWB02501HN	AWB02401HN	9/7/2004	ICPP-1782	4-Chloroaniline	10	U		UG/L	GRAB	4-Chloroaniline
AWB00001HN	AWB00202HN	6/24/2003	ICPP-1783	4-Chloroaniline	10	U		UG/L	FIELD DUPLICATE	4-Chloroaniline
AWB00001HN	AWB00201HN	6/24/2003	ICPP-1783	4-Chloroaniline	10	U		UG/L	GRAB	4-Chloroaniline
AWB00701HN	AWB00901HN	3/29/2004	ICPP-1783	4-Chloroaniline	10	U		UG/L	GRAB	4-Chloroaniline
AWB015011X	AWB01701HN	6/2/2004	ICPP-1783	4-Chloroaniline	10	U		UG/L	GRAB	4-Chloroaniline
AWB02501HN	AWB02501HN	9/7/2004	ICPP-1783	4-Chloroaniline	10	U		UG/L	GRAB	4-Chloroaniline
AWB00001HN	AWB00301HN	6/24/2003	ICPP-1800	4-Chloroaniline	10	U		UG/L	GRAB	4-Chloroaniline
AWB00701HN	AWB01001HN	3/29/2004	ICPP-1800	4-Chloroaniline	10	U		UG/L	GRAB	4-Chloroaniline
AWB015011X	AWB01801HN	6/1/2004	ICPP-1800	4-Chloroaniline	10	U		UG/L	GRAB	4-Chloroaniline
AWB02501HN	AWB026011X	9/8/2004	ICPP-1800	4-Chloroaniline	10	U		UG/L	GRAB	4-Chloroaniline
AWB00001HN	AWB00401HN	6/25/2003	ICPP-1829	4-Chloroaniline	10	U		UG/L	GRAB	4-Chloroaniline
AWB00701HN	AWB01101HN	3/29/2004	ICPP-1829	4-Chloroaniline	10	U		UG/L	GRAB	4-Chloroaniline
AWB015011X	AWB01901HN	6/2/2004	ICPP-1829	4-Chloroaniline	10	U		UG/L	GRAB	4-Chloroaniline
AWB02501HN	AWB02702HN	9/8/2004	ICPP-1829	4-Chloroaniline	10	U		UG/L	FIELD DUPLICATE	4-Chloroaniline
AWB02501HN	AWB02701HN	9/8/2004	ICPP-1829	4-Chloroaniline	10	U		UG/L	GRAB	4-Chloroaniline
AWB00001HN	AWB00001HN	6/24/2003	ICPP-1831	4-Chloroaniline	10	U		UG/L	GRAB	4-Chloroaniline
AWB00701HN	AWB00702HN	3/29/2004	ICPP-1831	4-Chloroaniline	10	U		UG/L	FIELD DUPLICATE	4-Chloroaniline
AWB00701HN	AWB00701HN	3/29/2004	ICPP-1831	4-Chloroaniline	10	U		UG/L	GRAB	4-Chloroaniline
AWB015011X	AWB015011X	6/1/2004	ICPP-1831	4-Chloroaniline	10	U		UG/L	GRAB	4-Chloroaniline
AWB02501HN	AWB02301HN	9/7/2004	ICPP-1831	4-Chloroaniline	10	U		UG/L	GRAB	4-Chloroaniline
AWB035011X	AWB03502HN	12/20/2004	USGS-123	4-Chloroaniline	10	U		UG/L	FIELD DUPLICATE	4-Chloroaniline
AWB035011X	AWB03501HN	12/20/2004	USGS-123	4-Chloroaniline	10	U		UG/L	GRAB	4-Chloroaniline
AWB035011X	AWB035011X	12/20/2004	USGS-123	4-Chloroaniline	10	U		UG/L	GRAB	4-Chloroaniline
AWB03901HN	AWB03802HN	3/7/2005	USGS-123	4-Chloroaniline	10	U		UG/L	FIELD DUPLICATE	4-Chloroaniline
AWB04501HN	AWB04502HN	5/31/2005	USGS-123	4-Chloroaniline	10	U		UG/L	FIELD DUPLICATE	4-Chloroaniline
AWB04501HN	AWB04501HN	5/31/2005	USGS-123	4-Chloroaniline	10	U		UG/L	GRAB	4-Chloroaniline
AWB10601HN	AWB10602HN	9/14/2005	USGS-123	4-Chloroaniline	10	U		UG/L	FIELD DUPLICATE	4-Chloroaniline
AWB10601HN	AWB10601HN	9/14/2005	USGS-123	4-Chloroaniline	10	U		UG/L	GRAB	4-Chloroaniline
AWB00001HN	AWB001011X	6/24/2003	ICPP-1782	4-Chlorophenyl Phenyl Ether	10	U	UJ	UG/L	GRAB	4-Chlorophenyl Phenyl Ether
AWB00701HN	AWB008011X	3/29/2004	ICPP-1782	4-Chlorophenyl Phenyl Ether	10	U		UG/L	GRAB	4-Chlorophenyl Phenyl Ether
AWB015011X	AWB01602HN	6/1/2004	ICPP-1782	4-Chlorophenyl Phenyl Ether	10	U		UG/L	FIELD DUPLICATE	4-Chlorophenyl Phenyl Ether
AWB015011X	AWB01601HN	6/1/2004	ICPP-1782	4-Chlorophenyl Phenyl Ether	10	U		UG/L	GRAB	4-Chlorophenyl Phenyl Ether
AWB02501HN	AWB02401HN	9/7/2004	ICPP-1782	4-Chlorophenyl Phenyl Ether	10	U		UG/L	GRAB	4-Chlorophenyl Phenyl Ether
AWB00001HN	AWB00202HN	6/24/2003	ICPP-1783	4-Chlorophenyl Phenyl Ether	10	U	UJ	UG/L	FIELD DUPLICATE	4-Chlorophenyl Phenyl Ether
AWB00001HN	AWB00201HN	6/24/2003	ICPP-1783	4-Chlorophenyl Phenyl Ether	10	U	UJ	UG/L	GRAB	4-Chlorophenyl Phenyl Ether
AWB00701HN	AWB00901HN	3/29/2004	ICPP-1783	4-Chlorophenyl Phenyl Ether	10	U		UG/L	GRAB	4-Chlorophenyl Phenyl Ether
AWB015011X	AWB01701HN	6/2/2004	ICPP-1783	4-Chlorophenyl Phenyl Ether	10	U		UG/L	GRAB	4-Chlorophenyl Phenyl Ether
AWB02501HN	AWB02501HN	9/7/2004	ICPP-1783	4-Chlorophenyl Phenyl Ether	10	U		UG/L	GRAB	4-Chlorophenyl Phenyl Ether
AWB00001HN	AWB00301HN	6/24/2003	ICPP-1800	4-Chlorophenyl Phenyl Ether	10	U	UJ	UG/L	GRAB	4-Chlorophenyl Phenyl Ether
AWB00701HN	AWB01001HN	3/29/2004	ICPP-1800	4-Chlorophenyl Phenyl Ether	10	U		UG/L	GRAB	4-Chlorophenyl Phenyl Ether
AWB015011X	AWB01801HN	6/1/2004	ICPP-1800	4-Chlorophenyl Phenyl Ether	10	U		UG/L	GRAB	4-Chlorophenyl Phenyl Ether
AWB02501HN	AWB026011X	9/8/2004	ICPP-1800	4-Chlorophenyl Phenyl Ether	10	U		UG/L	GRAB	4-Chlorophenyl Phenyl Ether
AWB00001HN	AWB00401HN	6/25/2003	ICPP-1829	4-Chlorophenyl Phenyl Ether	10	U	UJ	UG/L	GRAB	4-Chlorophenyl Phenyl Ether
AWB00701HN	AWB01101HN	3/29/2004	ICPP-1829	4-Chlorophenyl Phenyl Ether	10	U		UG/L	GRAB	4-Chlorophenyl Phenyl Ether
AWB015011X	AWB01901HN	6/2/2004	ICPP-1829	4-Chlorophenyl Phenyl Ether	10	U		UG/L	GRAB	4-Chlorophenyl Phenyl Ether
AWB02501HN	AWB02702HN	9/8/2004	ICPP-1829	4-Chlorophenyl Phenyl Ether	10	U		UG/L	FIELD DUPLICATE	4-Chlorophenyl Phenyl Ether
AWB02501HN	AWB02701HN	9/8/2004	ICPP-1829	4-Chlorophenyl Phenyl Ether	10	U		UG/L	GRAB	4-Chlorophenyl Phenyl Ether
AWB00001HN	AWB00001HN	6/24/2003	ICPP-1831	4-Chlorophenyl Phenyl Ether	10	U	UJ	UG/L	GRAB	4-Chlorophenyl Phenyl Ether
AWB00701HN	AWB00702HN	3/29/2004	ICPP-1831	4-Chlorophenyl Phenyl Ether	10	U		UG/L	FIELD DUPLICATE	4-Chlorophenyl Phenyl Ether
AWB00701HN	AWB00701HN	3/29/2004	ICPP-1831	4-Chlorophenyl Phenyl Ether	10	U		UG/L	GRAB	4-Chlorophenyl Phenyl Ether
AWB015011X	AWB015011X	6/1/2004	ICPP-1831	4-Chlorophenyl Phenyl Ether	10	U		UG/L	GRAB	4-Chlorophenyl Phenyl Ether
AWB02501HN	AWB02301HN	9/7/2004	ICPP-1831	4-Chlorophenyl Phenyl Ether	10	U		UG/L	GRAB	4-Chlorophenyl Phenyl Ether

Table B-2. (continued).

SDG Number	Sample Number	Date Collected	Location	Appendix IV name	Concentration	Lab Qualifier	Validation Qualifier	Units	Result Type	Lab Reported Constituent
AWB035011X	AWB03502HN	12/20/2004	USGS-123	4-Chlorophenyl Phenyl Ether	10	U		UG/L	FIELD DUPLICATE	4-Chlorophenyl Phenyl Ether
AWB035011X	AWB03501HN	12/20/2004	USGS-123	4-Chlorophenyl Phenyl Ether	10	U		UG/L	GRAB	4-Chlorophenyl Phenyl Ether
AWB035011X	AWB035011X	12/20/2004	USGS-123	4-Chlorophenyl Phenyl Ether	10	U		UG/L	GRAB	4-Chlorophenyl Phenyl Ether
AWB03901HN	AWB03802HN	3/7/2005	USGS-123	4-Chlorophenyl Phenyl Ether	10	U	UJ	UG/L	FIELD DUPLICATE	4-Chlorophenyl Phenyl Ether
AWB04501HN	AWB04502HN	5/31/2005	USGS-123	4-Chlorophenyl Phenyl Ether	10	U		UG/L	FIELD DUPLICATE	4-Chlorophenyl Phenyl Ether
AWB04501HN	AWB04501HN	5/31/2005	USGS-123	4-Chlorophenyl Phenyl Ether	10	U		UG/L	GRAB	4-Chlorophenyl Phenyl Ether
AWB10601HN	AWB10602HN	9/14/2005	USGS-123	4-Chlorophenyl Phenyl Ether	10	U		UG/L	FIELD DUPLICATE	4-Chlorophenyl Phenyl Ether
AWB10601HN	AWB10601HN	9/14/2005	USGS-123	4-Chlorophenyl Phenyl Ether	10	U		UG/L	GRAB	4-Chlorophenyl Phenyl Ether
AWB00001HN	AWB001011X	6/24/2003	ICPP-1782	4-Nitroquinoline 1-oxide	40	U		UG/L	GRAB	4-Nitroquinoline 1-oxide
AWB00701HN	AWB008011X	3/29/2004	ICPP-1782	4-Nitroquinoline 1-oxide	100	U	UJ	UG/L	GRAB	4-Nitroquinoline 1-oxide
AWB015011X	AWB01602HN	6/1/2004	ICPP-1782	4-Nitroquinoline 1-oxide	100	U		UG/L	FIELD DUPLICATE	4-Nitroquinoline 1-oxide
AWB015011X	AWB01601HN	6/1/2004	ICPP-1782	4-Nitroquinoline 1-oxide	100	U		UG/L	GRAB	4-Nitroquinoline 1-oxide
AWB02501HN	AWB02401HN	9/7/2004	ICPP-1782	4-Nitroquinoline 1-oxide	100	U	UJ	UG/L	GRAB	4-Nitroquinoline 1-oxide
AWB00001HN	AWB00202HN	6/24/2003	ICPP-1783	4-Nitroquinoline 1-oxide	40	U		UG/L	FIELD DUPLICATE	4-Nitroquinoline 1-oxide
AWB00001HN	AWB00201HN	6/24/2003	ICPP-1783	4-Nitroquinoline 1-oxide	40	U		UG/L	GRAB	4-Nitroquinoline 1-oxide
AWB00701HN	AWB00901HN	3/29/2004	ICPP-1783	4-Nitroquinoline 1-oxide	100	U	UJ	UG/L	GRAB	4-Nitroquinoline 1-oxide
AWB015011X	AWB01701HN	6/2/2004	ICPP-1783	4-Nitroquinoline 1-oxide	100	U		UG/L	GRAB	4-Nitroquinoline 1-oxide
AWB02501HN	AWB02501HN	9/7/2004	ICPP-1783	4-Nitroquinoline 1-oxide	100	U	UJ	UG/L	GRAB	4-Nitroquinoline 1-oxide
AWB00001HN	AWB00301HN	6/24/2003	ICPP-1800	4-Nitroquinoline 1-oxide	40	U		UG/L	GRAB	4-Nitroquinoline 1-oxide
AWB00701HN	AWB01001HN	3/29/2004	ICPP-1800	4-Nitroquinoline 1-oxide	100	U	UJ	UG/L	GRAB	4-Nitroquinoline 1-oxide
AWB015011X	AWB01801HN	6/1/2004	ICPP-1800	4-Nitroquinoline 1-oxide	100	U		UG/L	GRAB	4-Nitroquinoline 1-oxide
AWB02501HN	AWB026011X	9/8/2004	ICPP-1800	4-Nitroquinoline 1-oxide	100	U	UJ	UG/L	GRAB	4-Nitroquinoline 1-oxide
AWB00001HN	AWB00401HN	6/25/2003	ICPP-1829	4-Nitroquinoline 1-oxide	40	U		UG/L	GRAB	4-Nitroquinoline 1-oxide
AWB00701HN	AWB01101HN	3/29/2004	ICPP-1829	4-Nitroquinoline 1-oxide	100	U	UJ	UG/L	GRAB	4-Nitroquinoline 1-oxide
AWB015011X	AWB01901HN	6/2/2004	ICPP-1829	4-Nitroquinoline 1-oxide	100	U		UG/L	GRAB	4-Nitroquinoline 1-oxide
AWB02501HN	AWB02702HN	9/8/2004	ICPP-1829	4-Nitroquinoline 1-oxide	100	U	UJ	UG/L	FIELD DUPLICATE	4-Nitroquinoline 1-oxide
AWB02501HN	AWB02701HN	9/8/2004	ICPP-1829	4-Nitroquinoline 1-oxide	100	U	UJ	UG/L	GRAB	4-Nitroquinoline 1-oxide
AWB00001HN	AWB00001HN	6/24/2003	ICPP-1831	4-Nitroquinoline 1-oxide	40	U		UG/L	GRAB	4-Nitroquinoline 1-oxide
AWB00701HN	AWB00702HN	3/29/2004	ICPP-1831	4-Nitroquinoline 1-oxide	100	U	UJ	UG/L	FIELD DUPLICATE	4-Nitroquinoline 1-oxide
AWB00701HN	AWB00701HN	3/29/2004	ICPP-1831	4-Nitroquinoline 1-oxide	100	U	UJ	UG/L	GRAB	4-Nitroquinoline 1-oxide
AWB015011X	AWB015011X	6/1/2004	ICPP-1831	4-Nitroquinoline 1-oxide	100	U		UG/L	GRAB	4-Nitroquinoline 1-oxide
AWB02501HN	AWB02301HN	9/7/2004	ICPP-1831	4-Nitroquinoline 1-oxide	100	U	UJ	UG/L	GRAB	4-Nitroquinoline 1-oxide
AWB035011X	AWB03502HN	12/20/2004	USGS-123	4-Nitroquinoline 1-oxide	100	U	UJ	UG/L	FIELD DUPLICATE	4-Nitroquinoline 1-oxide
AWB035011X	AWB03501HN	12/20/2004	USGS-123	4-Nitroquinoline 1-oxide	100	U	UJ	UG/L	GRAB	4-Nitroquinoline 1-oxide
AWB035011X	AWB035011X	12/20/2004	USGS-123	4-Nitroquinoline 1-oxide	100	U	UJ	UG/L	GRAB	4-Nitroquinoline 1-oxide
AWB03901HN	AWB03802HN	3/7/2005	USGS-123	4-Nitroquinoline 1-oxide	100	U	UJ	UG/L	FIELD DUPLICATE	4-Nitroquinoline 1-oxide
AWB04501HN	AWB04502HN	5/31/2005	USGS-123	4-Nitroquinoline 1-oxide	100	U	UJ	UG/L	FIELD DUPLICATE	4-Nitroquinoline 1-oxide
AWB04501HN	AWB04501HN	5/31/2005	USGS-123	4-Nitroquinoline 1-oxide	100	U	UJ	UG/L	GRAB	4-Nitroquinoline 1-oxide
AWB10601HN	AWB10602HN	9/14/2005	USGS-123	4-Nitroquinoline 1-oxide	40	U	UJ	UG/L	FIELD DUPLICATE	4-Nitroquinoline 1-oxide
AWB10601HN	AWB10601HN	9/14/2005	USGS-123	4-Nitroquinoline 1-oxide	40	U	UJ	UG/L	GRAB	4-Nitroquinoline 1-oxide
AWB00001HN	AWB001011X	6/24/2003	ICPP-1782	5-Nitro-o-toluidine	10	U		UG/L	GRAB	5-Nitro-o-toluidine
AWB00701HN	AWB008011X	3/29/2004	ICPP-1782	5-Nitro-o-toluidine	20	U		UG/L	GRAB	5-Nitro-o-toluidine
AWB015011X	AWB01602HN	6/1/2004	ICPP-1782	5-Nitro-o-toluidine	20	U		UG/L	FIELD DUPLICATE	5-Nitro-o-toluidine
AWB015011X	AWB01601HN	6/1/2004	ICPP-1782	5-Nitro-o-toluidine	20	U		UG/L	GRAB	5-Nitro-o-toluidine
AWB02501HN	AWB02401HN	9/7/2004	ICPP-1782	5-Nitro-o-toluidine	20	U		UG/L	GRAB	n-Nitro-o-toluidine
AWB00001HN	AWB00202HN	6/24/2003	ICPP-1783	5-Nitro-o-toluidine	10	U		UG/L	FIELD DUPLICATE	5-Nitro-o-toluidine
AWB00001HN	AWB00201HN	6/24/2003	ICPP-1783	5-Nitro-o-toluidine	10	U		UG/L	GRAB	5-Nitro-o-toluidine
AWB00701HN	AWB00901HN	3/29/2004	ICPP-1783	5-Nitro-o-toluidine	20	U		UG/L	GRAB	5-Nitro-o-toluidine
AWB015011X	AWB01701HN	6/2/2004	ICPP-1783	5-Nitro-o-toluidine	20	U		UG/L	GRAB	5-Nitro-o-toluidine
AWB02501HN	AWB02501HN	9/7/2004	ICPP-1783	5-Nitro-o-toluidine	20	U		UG/L	GRAB	n-Nitro-o-toluidine
AWB00001HN	AWB00301HN	6/24/2003	ICPP-1800	5-Nitro-o-toluidine	10	U		UG/L	GRAB	5-Nitro-o-toluidine
AWB00701HN	AWB01001HN	3/29/2004	ICPP-1800	5-Nitro-o-toluidine	20	U		UG/L	GRAB	5-Nitro-o-toluidine
AWB015011X	AWB01801HN	6/1/2004	ICPP-1800	5-Nitro-o-toluidine	20	U		UG/L	GRAB	5-Nitro-o-toluidine
AWB02501HN	AWB026011X	9/8/2004	ICPP-1800	5-Nitro-o-toluidine	20	U		UG/L	GRAB	n-Nitro-o-toluidine
AWB00001HN	AWB00401HN	6/25/2003	ICPP-1829	5-Nitro-o-toluidine	10	U		UG/L	GRAB	5-Nitro-o-toluidine
AWB00701HN	AWB01101HN	3/29/2004	ICPP-1829	5-Nitro-o-toluidine	20	U		UG/L	GRAB	5-Nitro-o-toluidine
AWB015011X	AWB01901HN	6/2/2004	ICPP-1829	5-Nitro-o-toluidine	20	U		UG/L	GRAB	5-Nitro-o-toluidine
AWB02501HN	AWB02702HN	9/8/2004	ICPP-1829	5-Nitro-o-toluidine	20	U		UG/L	FIELD DUPLICATE	n-Nitro-o-toluidine
AWB02501HN	AWB02701HN	9/8/2004	ICPP-1829	5-Nitro-o-toluidine	20	U		UG/L	GRAB	n-Nitro-o-toluidine
AWB00001HN	AWB00001HN	6/24/2003	ICPP-1831	5-Nitro-o-toluidine	10	U		UG/L	GRAB	5-Nitro-o-toluidine
AWB00701HN	AWB00702HN	3/29/2004	ICPP-1831	5-Nitro-o-toluidine	20	U		UG/L	FIELD DUPLICATE	5-Nitro-o-toluidine
AWB00701HN	AWB00701HN	3/29/2004	ICPP-1831	5-Nitro-o-toluidine	20	U		UG/L	GRAB	5-Nitro-o-toluidine
AWB015011X	AWB015011X	6/1/2004	ICPP-1831	5-Nitro-o-toluidine	20	U		UG/L	GRAB	5-Nitro-o-toluidine
AWB02501HN	AWB02301HN	9/7/2004	ICPP-1831	5-Nitro-o-toluidine	20	U		UG/L	GRAB	n-Nitro-o-toluidine