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HANFORD SITE GROUND-WATER MONITORING FOR JANUARY THROUGH JUNE 1988

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SUMMARY

The Pacific Northwest Laboratory monitors ground-water quality at the Hanford Site for the U.S. Department of Energy to assess the impact of Site operations on the environment. Work undertaken between January and June 1988 included monitoring ground-water elevations across the Site, and monitoring hazardous chemicals and radionuclides in ground water.

Water levels continued to rise in areas receiving increased recharge (e.g., beneath B Pond) and decline in areas where the release of water to disposal facilities has been terminated (e.g., U Pond). The major areas of ground-water contamination defined by monitoring activities are 1) carbon tetrachloride in the 200-West Area; 2) cyanide in and north of the 200-East and 200-West Areas; 3) hexavalent chromium contamination in the 100-B, 100-D, 100-F, 100-H, 100-K, and 200-West Areas; 4) chlorinated hydrocarbons in the vicinity of the Solid Waste Landfill and 300 Area; 5) uranium in the 100-F, 100-H, 200-West, and 300 Areas; and 6) tritium and nitrate across the Site.

In addition, several new analytical initiatives were undertaken during this period. These include cyanide speciation in the BY Cribs plume, inductively coupled argon plasma/mass spectrometry (ICP/MS) measurements on a broad selection of samples from the 100, 200, 300, and 600 Areas, and high sensitivity gas chromatography measurements performed at the Solid Waste Landfill-Nonradioactive Dangerous Waste Landfill.

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TABLES

1.0 INTRODUCTION

The Pacific Northwest Laboratory (PNL)[a] monitors the distribution of radionuclides and other hazardous materials in the ground water at the Hanford Site (Figure 1.1) for the U.S. Department of Energy (DOE). This Site-Wide Ground-Water Monitoring Project also evaluates the impact of past and present Site operations on the environment. The specific objectives of the project are to 1) determine the distribution of radionuclides and nitrate ion to define the extent of impacted ground water, 2) relate the distribution of these constituents to Site operations, 3) establish background concentrations for naturally occurring regulated hazardous materials, and 4) identify in the ground water those hazardous chemicals that resulted from Site operations. The Hanford Site-Wide Ground-Water Monitoring Project involves the measurement of water-table elevations, collection and analysis of ground-water samples, computer modeling of contaminant transport, and use of geochemical models to meet these objectives.

The Hanford Site monitoring well network is designed to meet the intent of DOE Orders 5480.1 and 5484.1, which are applicable to environmental monitoring. DOE Order 5480.1, Chapter XI, lists the permissible concentrations of radionuclides applicable to the discharge of liquid effluent in controlled and uncontrolled areas. This order also requires that the environment be monitored sufficiently to ensure that the radiation doses to which the public is exposed are as low as reasonably achievable. DOE Order 5480.1, Chapter XII, requires that DOE cooperate with the U.S. Environmental Protection Agency (EPA) and state, interstate, and local agencies in the prevention, control, and abatement of environmental pollution. Annual reports (e.g., Jaquish and Mitchell 1988) are published by PNL to document all surface and subsurface monitoring activities at the Site, as well as measured and calculated doses to the public.

(a) The Pacific Northwest Laboratory is operated for the U.S. Department of Energy by Battelle Memorial Institute under Contract DE-AC06-76RLO 1830.

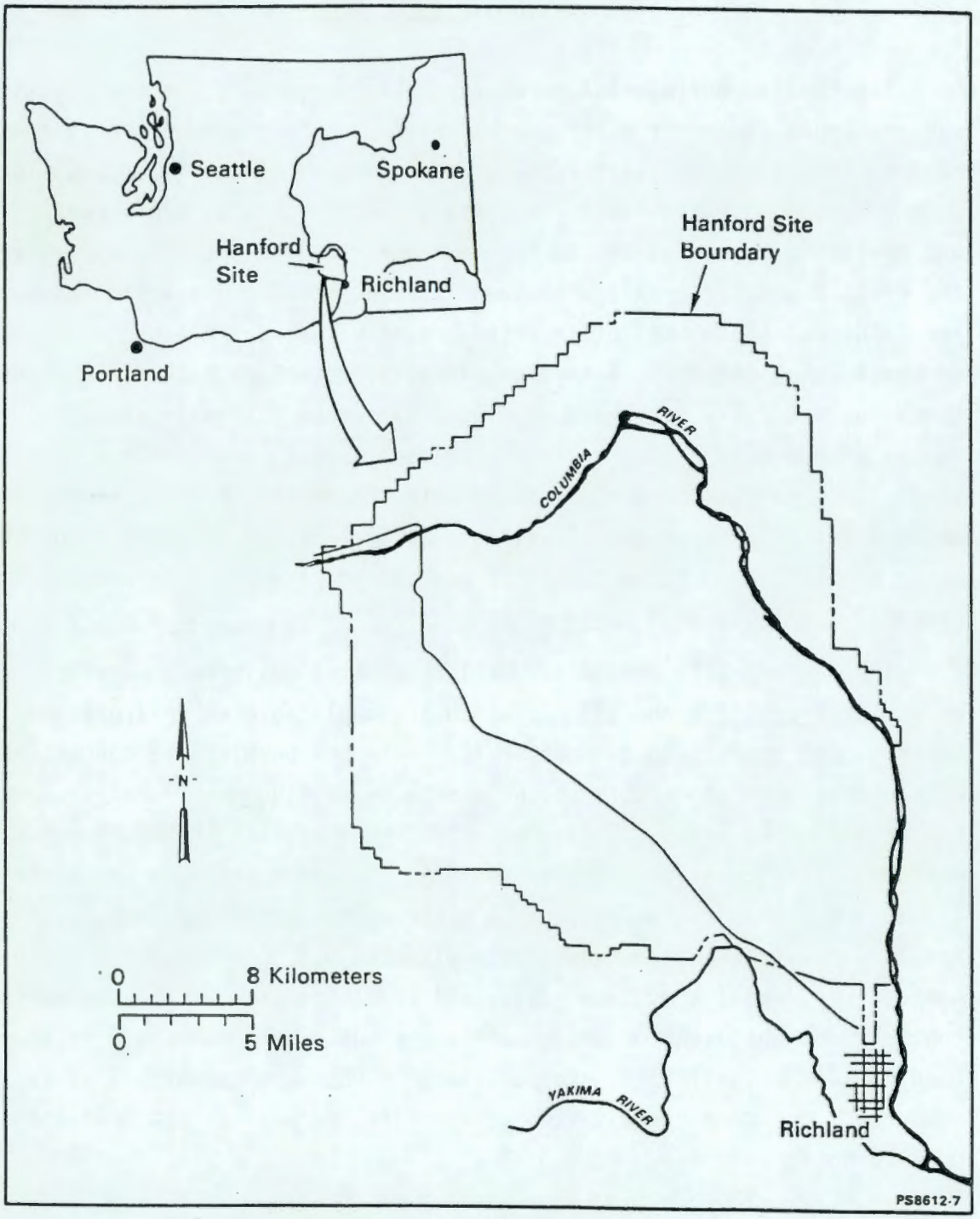

FIGURE 1.1. Hanford Site Location Map

In addition to the Hanford Site-Wide Ground-Water Monitoring Project, two ground-water monitoring activities are being conducted by PNL at the Hanford Site for Westinghouse Hanford Company. Ground-water samples are collected by PNL for operational monitoring in and around the 200 Areas for compliance with DOE orders and for facility-specific monitoring for compliance with the Resource Conservation and Recovery Act (RCRA) (at 40 CFR 265) and Washington Administrative Code (WAC) 173-303 and -304. The facility-specific activities include sampling programs at facilities listed in Table 1.1. The results of some of these activities are discussed briefly in this report and will be reported in more detail elsewhere. The compliance monitoring results (primarily for chemicals) are valuable in determining the total impact of Site operations on ground water and, therefore, are used by the Hanford Site-Wide Ground-Water Monitoring Project to meet its objectives.

TABLE 1.1. Waste Disposal Facilities with Ongoing Sampling Projects

183-H Solar Evaporation Basins in the 100-H Area
1301-N/1325-N Liquid Waste Disposal Facilities and 1324-N/NA Ponds in the 100-N Area
Transportable Grout Facility
300 Area Process Trenches
Solid Waste Landfill (SWL) and Nonradioactive Dangerous Waste Landfill (NRDW)
200 Area Low-Level Burial Grounds
216-A-10 Crib
216-A-29 Ditch
216-A-36B Crib
216-B-3 Pond
2101-M Pond

This semiannual report provides brief discussions and detailed data listings of results for ground-water monitoring at the Hanford Site during January through June 1988. This report presents and discusses the water-table elevation map (Plate 1, in back pocket) for the Hanford Site for June 1988 and results of ground-water sampling and analysis. The following contaminants are discussed in detail because of their high concentrations or widespread distribution: 1) carbon tetrachloride in the 200-West Areas; 2) cyanide in and north of the 200-East and the 200-West Areas; 3) hexavalent chromium contamination in the 100-B, 100-D, 100-F, 100-H, 100-K, and the 200-West Areas; 4) chlorinated hydrocarbons in the vicinity of the Central Landfill and 300 Area; 5) uranium in the 100-F, 100-H, 200-West, and 300 Areas; 6) nitrate across the Site; and 7) tritium across the Site. The implications of several other observations are also discussed briefly. To adequately represent Site conditions, the figures in this report show data for an 18-month period (January 1, 1987 to June 30, 1988). The text itself only summarizes data from January 1 to June 30, 1988.

More detailed discussions of the hydrology and geology of the Site, operational activities, and sampling, analysis, and distributions of average constituent concentrations during 1988 will be included in the environmental monitoring annual report by PNL (to be published in 1989). In addition, Westinghouse Hanford Company (e.g., Serkowski et al. 1988) reports radiological monitoring results for the 200 Areas and some of the surrounding 600 Area. Also RCRA monitoring results are documented in quarterly reports (e.g., PNL 1988a).

2.0 WATER-LEVEL ELEVATION MONITORING

Water levels in selected wells open to the unconfined aquifer on the Hanford Site are measured in June and December of each year to determine the configuration of the water table and to assess the impact of waste disposal on that configuration. Water-level elevations for December 1987 were presented by Evans et al. (1988). Historical water-level data and an evaluation of past water-level changes are presented by Zimmerman et al. (1986). Water-level elevations for this report were measured in approximately 240 wells open to the unconfined aquifer during a 2-week period in June 1988.

Water-table maps can be used to infer directions of ground-water flow, with ground water moving from regions of higher water levels to regions of lower water levels at right angles to contours in systems with isotropic hydraulic conductivities. Water-table configurations can be used to identify recharge and discharge areas, and to determine the potential for water movement between adjacent ground-water and surface-water bodies.

2.1 DATA COLLECTION

Water levels are measured in wells and piezometers following written procedures. Most monitoring wells at the Hanford Site used for water-level measurement are 6 or 8 in. (15 or 20 cm) in diameter and are constructed of steel casing. Several small-diameter [2-in. (5-cm)] piezometers and some larger diameter wells are also used. Monitoring wells used to measure water levels for the unconfined aquifer are completed with well screens or perforated casing generally open to the upper 10 to 20 ft (3 to 6 m) of the aquifer. This type of completion allows measurements to be representative of the water-table elevation. Well locations for water-level monitoring are shown in Plate 1 (found in back pocket of this document).

A written procedure adapted from the U.S. Geological Survey (USGS 1977) was followed to measure water levels in wells. A chalked steel tape was used to measure the depth to water below the top of the well casing. These measurements were repeated to confirm the initial value. If the second measurement differed by more than 0.05 ft from the first, the measurement was

repeated until two measurements within the proper tolerance were obtained. Measurements were compared to previous water levels to further reduce human error. Water-level elevations for each well were determined by subtracting the depth to water from the surveyed measuring-point elevation on the well casing. All water levels are measured within a 2-week period to reduce the effects on the water-table map of time-variant water-level changes.

2.2 RESULTS

Water levels measured during June 1988 are listed in Appendix A. The water-table map constructed by contouring these water-level elevations is presented in Plate 1. The following are important features of the water-table map:

- Water-table elevations generally decrease from west to east across the Hanford Site south of Gable Mountain and Gable Butte.
- Water-table elevations decrease northward through the gap between Umtanum Ridge and Gable Butte and between Gable Butte and Gable Mountain.
- Ground-water mounds are present beneath B Pond and the location of the decommissioned U Pond.
- The water level in the Yakima River is of higher elevation than that of the water table in the adjacent region of the Hanford Site.

Elevated water levels in the western region of the Hanford Site may be attributable to ground-water recharge in Cold Creek and Dry Creek valleys and on the adjacent ridges (i.e., Yakima, Umtanum, and Rattlesnake ridges). Recharge is most likely caused by rain and snow at the higher elevations and by irrigation of agricultural land at the lower elevations. Water-table elevation generally decreases toward the Columbia River at the eastern edge of the Hanford Site and north of the Gable Mountain-Gable Butte anticline, implying discharge of unconfined ground water to the Columbia River along the Hanford reach.

Ground-water mounds beneath B Pond and the location of the decommissioned U Pond have been caused by process cooling water and other liquid wastes recharging the ground water at those locations. A summary of waste discharges to disposal facilities in the 200 Areas is presented by Serkowski

et al. (1988). The U Pond was decommissioned in 1984, and the elevation of the ground-water mound at that location continues to decline. A decline of one-half foot (15 cm) was observed between December 1987 and June 1988 (well 299-W18-15). Waste disposal at other facilities in the 200-West Area also influences the elevation of the water table as demonstrated by a water-level increase of approximately 2 ft (61 cm) in well 299-W23-4 and water-level declines of 1 to 2 ft (30 to 61 cm) in wells north of the Plutonium Finishing Plant.

The elevation of the ground-water mound beneath B Pond, which receives process cooling water from the plutonium-uranium extraction (PUREX) Plant, has increased approximately 1 ft (30 cm) since December 1987 (as reflected in water levels in well 699-43-42). Well 699-39-39 showed a temporary increase in water level of 7 ft (2.13 m) in June. While the cause of this increase is unknown, it is most likely a result of changes in disposal practices at B Pond. The water level in well 699-39-39 returned to its pre-June elevation in July.

A water-table elevation lower than the Yakima River in the region between the Horn Rapids Dam and the City of Richland implies that the ground water is being recharged by the Yakima River. Water levels measured in this region also indicate that ground water recharged by the Yakima River flows to the east beneath the Hanford Site and discharges to the Columbia River.

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3.0 RADIOLOGICAL AND CHEMICAL GROUND-WATER MONITORING

3.1 DATA COLLECTION

The network of wells used for the Hanford Site-Wide Ground-Water Monitoring Project is a combination of several networks that have been designed for facility-specific, operational, and Site-wide monitoring activities. The basis for selecting wells, sampling frequencies, and constituents to be analyzed is different for each of these projects based on the project objectives.

3.1.1 Facility-Specific Monitoring

Well networks have been established for Westinghouse Hanford Company around specific waste disposal facilities to comply with RCRA requirements. Facility-specific activities include sampling programs at the 183-H Solar Evaporation Basins in the 100-H Area, 1301-N/1325-N Liquid Waste Disposal Facilities and 1324-N/NA Ponds in the 100-N Area, Transportable Grout Facility, 300 Area Process Trenches, Low Level Burial Grounds, 216-A-10 Crib, 216-A-29 Ditch, 216-A-36B Crib, 216-B-3 Pond, 2101-M Pond, Solid Waste Landfill (SWL), and the Nonradioactive Dangerous Waste Landfill (NRDWL).

The requirements for monitoring well design and location, constituents to be sampled for, and sampling frequencies are specified in RCRA regulations (40 CFR 265) and by Washington Administration Code (WAC 173-303 and -304). Ground-water monitoring systems at each site must consist of at least one monitoring well hydraulically upgradient and at least three monitoring wells downgradient of the facility. The location, depth, and number of wells included in the network must ensure that results obtained to evaluate the migration of contaminants to the uppermost aquifer are statistically significant. The RCRA regulations require that ground water be sampled and analyzed for 1) drinking water parameters, 2) parameters that establish ground-water quality, and 3) parameters used as indicators of ground-water contamination. Samples are also analyzed for contaminants known to have been disposed of at the facility being monitored. The frequency of sampling for each parameter is also specified in the RCRA regulations, based on the status of permitting of the facility (e.g., interim status, permitted status).

Quarterly reports (i.e., PNL 1988a) document monitoring networks and analytical plans for these RCRA sites. Two such reports have been published that cover the periods January 1 to March 31, 1988 (PNL 1988a) and April 1 to June 30, 1988 (PNL 1988b).

3.1.2 Operational Monitoring

Operational monitoring near waste facilities in the 200 Areas is conducted for Westinghouse Hanford Company to allow them to evaluate the performance of waste disposal and storage sites and assess the impact of specific sites on ground water (Serkowski et al. 1988). Well location, monitoring frequency, and constituents for which samples are analyzed are selected to meet this objective. The sampling network design, analytical plans, and results are presented each year in an annual report (e.g., Serkowski et al. 1988). Changes in the monitoring network are described in that report. The planned network and schedule for calendar year 1988 are listed in Appendix B of Serkowski et al. (1988).

3.1.3 Site-Wide Monitoring

The purpose of the Site-Wide Ground-Water Monitoring Project is to monitor the distribution of radionuclides and other hazardous materials in ground water at the Hanford Site. The selection of wells, constituents for which samples are collected and analyzed, and sampling frequency are based on knowledge of waste disposal practices and inventories, regulatory requirements, contaminant mobility, and the site hydrogeology. The Site-wide monitoring network consists of a network for radiological monitoring and a network for chemical monitoring.

3.1.3.1 Radiological Monitoring

The radiological monitoring network was developed to monitor the extent of contamination, identify new instances of contaminant release to the ground water, and sample for selected radionuclides that may contribute to radiation dose. Wells and constituents near operational and facility-specific networks were selected to complement monitoring under these programs. For example, some wells in the 200 Areas monitored by Westinghouse Hanford Company to

evaluate facility operation are sampled for additional constituents to meet the objectives of Site-wide monitoring.

The primary analyses done on samples collected for radiological analysis are for tritium and gross alpha, gross beta, gamma scans, and beta counting for radiochemical separates (i.e., strontium-90, technetium-99). The maximum extent of radionuclide contamination in the ground water beneath the Hanford Site is defined using tritium because nearly all radioactive waste disposed of at Hanford contains tritium. Tritium exists as part of the water molecule and as such moves with the ground water unretarded by chemical and physical interaction with dissolved constituents and aquifer materials. Tritium was also concentrated in certain large-volume wastes, such as reactor coolant in the 100 Areas and process condensates in the 200 Areas.

Gross alpha and gross beta analyses, and gamma scans are used to identify potential new releases of radionuclides in a cost-effective manner at certain locations. These techniques are used to survey wells throughout the Site for a wide variety of alpha-, beta-, and gamma-emitting radionuclides. If results of these survey techniques indicate it is warranted, samples are collected and analyzed for individual radionuclides. Subsequent analyses are chosen on the basis of radionuclide inventories, radionuclide mobilities, and potential dose concerns.

Gross alpha concentrations above background may indicate the sample contains uranium or plutonium. Uranium is an alpha-emitting radionuclide that is mobile in the Hanford ground water. It is commonly the radionuclide responsible for elevated gross alpha concentrations. Uranium is also a potential concern in terms of its dose to man. Plutonium is another alpha emitter that could contribute to gross alpha activity. Past monitoring for plutonium suggests that it is immobile in the ground water and hence is monitored in only a few wells near facilities suspected of receiving plutonium. These wells are all within the 200 Areas.

Elevated gross beta concentrations are more difficult to associate with a single radionuclide because of the potentially large number of beta-emitting radionuclides discharged in Hanford liquid wastes. Strontium-90 has been a common contributor to elevated gross beta concentrations in ground

water. Strontium-90 is monitored in ground-water samples collected throughout the Hanford Site, with emphasis on the operating areas. Another beta emitter of potential dose concern that is relatively mobile in the ground water is technetium-99. Technetium-99 is not efficiently detected using gross beta analysis because it is a low-energy beta emitter. Few technetium-99 measurements have been made in the past because of the costly analytical method; however, a less costly technique was developed in 1987. Using this new technique, technetium-99 concentrations were determined for ground-water samples collected from 190 wells in many areas during the period covered by this report. The purpose of this greatly expanded analysis program was to gather baseline data and to investigate elevated gross beta concentrations previously observed. Three other beta emitters were also selectively analyzed in a limited number of wells during this same period. These are carbon-14, nickel-63, and iodine-129. Isolated measurements of these radionuclides were conducted to further assess elevated gross beta measurements previously observed and to investigate selected wells near possible sources of these radionuclides.

3.1.3.2 Chemical Monitoring

A subset of both the PNL Site-wide and the Westinghouse Hanford Company operational radiological monitoring networks is used for Site-wide chemical sampling by PNL. Chemical sampling wells were selected primarily for their proximity to known active and inactive chemical disposal areas in the 100, 200, and 600 Areas, and on the basis of the compiled waste inventories (DOE 1986).

Nitrate is monitored in most of the wells sampled. Nitrate, which is mobile in ground water, was present in many of the waste streams disposed of to the ground and, like tritium, can be used to help define the extent of contamination in Hanford aquifers. Extensive historical records also exist for nitrate. Other chemicals related to Site operations are listed in Table 3.1. Ground-water samples collected from wells in areas where these chemicals have been discharged are analyzed for the appropriate contaminant(s).

TABLE 3.1. Major Chemical Ground-Water Contaminants and Their Link to Site Operations

Type of Facility	Area	Constituents
Reactor Operations	100	Cr^{6+}
Irradiated Fuel Processing	200	NO_3^-, CN^-, Uranium
Plutonium Purification	200	CCl_4 and other chlorinated hydrocarbons
Fuel Fabrication	300	Uranium, Cr^{6+}

3.1.4 Sample Collection January Through June 1988

The 1988 PNL Site-wide radiological sampling network consisted of 294 wells that were monitored quarterly or monthly. An additional 110 wells were monitored semiannually. In the 200 Areas and surrounding 600 Area, PNL sampled 161 wells in Westinghouse Hanford Company's operational monitoring network.

During the first quarter of 1988, 114 wells were monitored for chemical constituents; 103 wells were sampled during the second quarter. Chemical data are available for an additional 93 facility-specific wells.

The Site-wide monitoring network for 1988 is shown in Figure 3.1. Detailed maps of operational and facility-specific monitoring well networks for the 100-B, 100-D, 100-F, 100-H, 100-K, 100-N, 200-East, 200-West, 300, and 400 Areas are included in Appendix B.

3.1.5 Monitoring Well Design

Most monitoring wells at the Hanford Site are 6 or 8 in. (15 or 20 cm) in diameter and are constructed of steel casing. Several small-diameter [2-in. (5-cm)] piezometers are sampled for radionuclides only. Monitoring wells for the unconfined aquifer are completed with well screens or perforated casing in the upper 10 to 20 ft (3 to 6 m) of the aquifer. Completion at the water table allows samples to be collected near the top of the aquifer where maximum concentrations for some radionuclides were measured at a few locations on the Hanford Site (Eddy, Myers, and Raymond 1978). Confined aquifer monitoring wells have screens, perforated casing, or an open hole

within the monitored horizon. Only wells containing submersible pumps were chosen for chemical sampling to allow sufficient purging of wells before sampling.

3.1.6 Sampling Methods

Samples were collected using documented sampling procedures that follow formal, established guidelines (EPA 1986). Wells fitted with submersible pumps were sampled after pumping for a sufficient time (at least 20 min) to allow temperature, pH, and specific conductivity to stabilize. The purging process ensured that any stagnant water in the well was removed, allowing collection of a sample that was representative of the ground water near the well. A stainless steel sampling tee was then connected to the pump discharge line. One side of the tee consisted of a 3/16-in. (0.476-cm) critical orifice discharging to a 1/4-in. (0.635-cm) Teflon®(a) sampling line. Excess water was discharged through a ball valve on the other branch of the tee. This arrangement allowed the pump discharge to be throttled back sufficiently to provide a continuous water column, while providing some pressure relief to avoid damage to the header pipe. Samples for volatile organic analyses were taken with zero head space and sealed immediately with a septum-sealed cap. When sampling for filtered trace metals, a disposable, 0.45-micron pore-sized filter pack was connected to the Teflon® sampling line. The filter was purged with 0.13 gal (500 mL) of well water, then a sample was collected in the appropriate sample bottle. Trace metal samples and some radiochemical samples were preserved by acidification at the time of collection. All samples were placed on ice in ice chests immediately after sampling and were transferred the same day or early the next morning to the analytical subcontractor, United States Testing Company, Inc. (UST), Richland, Washington, for immediate analysis of species with short holding times (e.g., for nitrate and volatile organic analyses). Samples were stored at 39°F (4°C) from the time of sampling until they were analyzed. All samples were tracked using chain-of-custody procedures from sampling through

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(a) Teflon is the registered tradename for a fluorocarbon resin product of E. I. du Pont de Nemours and Company, Wilmington, Delaware.

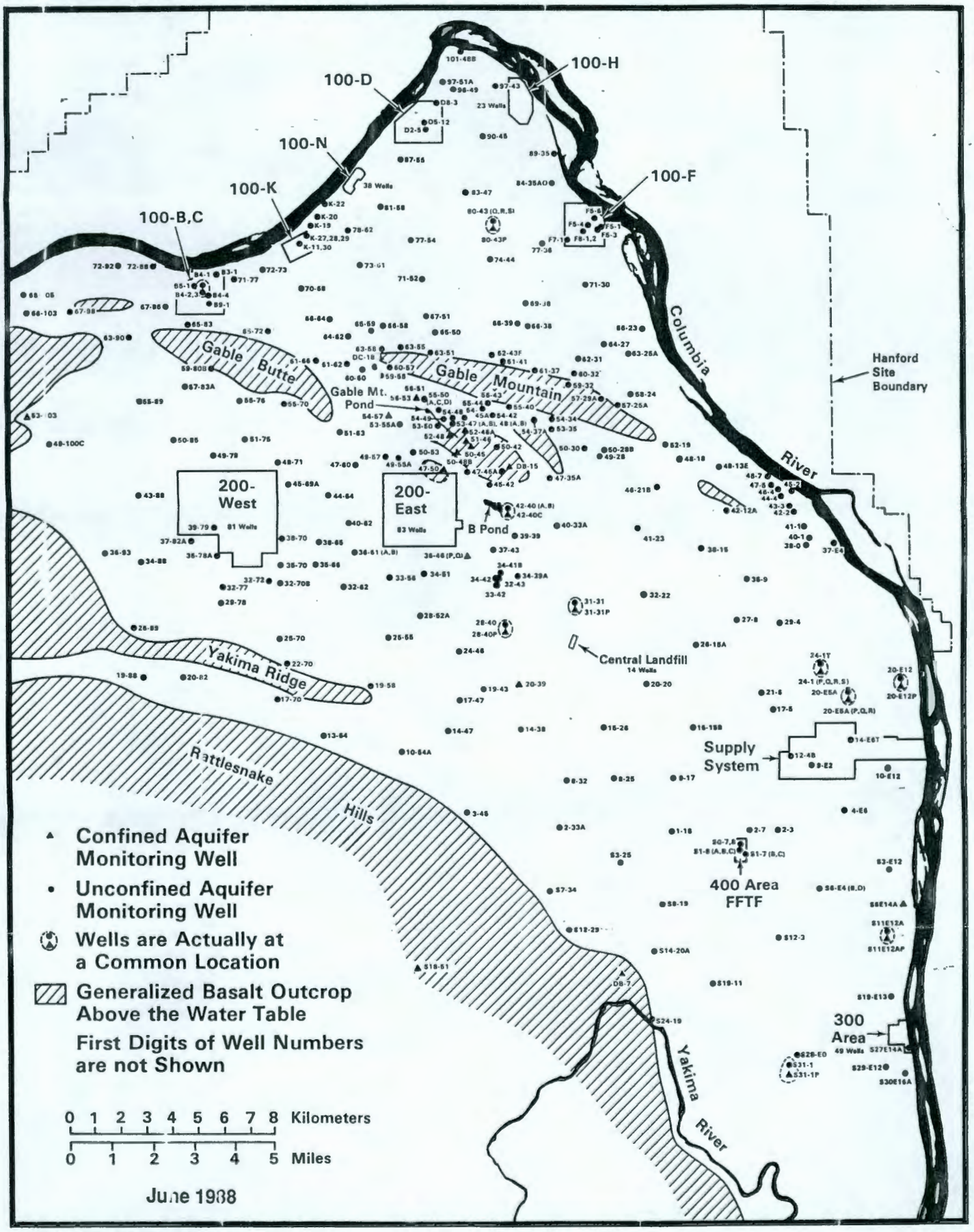

FIGURE 3.1. Location of Hanford Site Ground-Water Monitoring Wells

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analysis and disposal. Procedures for analyzing samples have been described elsewhere (Jaquish and Mitchell 1988, Appendix C).

3.2 RESULTS

Results of the Site-wide, operational, and facility-specific ground-water monitoring projects are discussed in this section. Information on contaminants can be found in past environmental monitoring reports by PNL and the operating contractor (previously Rockwell Hanford Operations; now Westinghouse Hanford Company). The most recent reports are Jaquish and Mitchell (1988), Evans et al. (1988), and Serkowski et al. (1988). Evans et al. (1988) discussed in detail the following contaminants in Hanford Site ground water: 1) carbon tetrachloride in the 200-West Area, 2) cyanide in and north of the 200-East and 200-West Areas, 3) hexavalent chromium in the 100 and 200-West Areas, 4) chlorinated hydrocarbons near the Central Landfill and 300 Area, 5) nitrate across the Site, and 6) tritium across the Site. This report will update that information based on data that became available during January through June 1988.

In addition to the above-mentioned constituents, this report discusses more recent findings. Such findings clearly show cyanide and chromium contamination in the 200-West Area. Chromium contamination is now also evident in several parts of the extended 100 Area environs and in several wells in the 200-East Area. In addition to the areas previously discussed, trichloroethene has recently been observed at levels of concern in an area directly west of the 100-F Area and in a well directly north of Gable Mountain. Other observations of chemical and radiological contaminants are briefly discussed. Results for technetium-99 include the greatly expanded technetium survey carried out during the period covered by this report. This report also includes analysis results of approximately half of the annual iodine-129 samples. These samples were analyzed by a newly implemented direct-counting method with detection sensitivity ranging down to the maximum contaminant level (MCL) of 1 pCi/L. Samples collected from eleven wells for iodine-129 analysis were measured by a more sensitive technique (mass spectrometry).

Results are discussed relative to the EPA maximum contaminant level (MCL), to the DOE derived concentration guide (DCG) appropriate for each constituent (Appendix C), and to background concentrations. The MCLs for radionuclides are more restrictive than the DCGs because the MCLs are based on an annual dose to the affected organ of 4 mrem/yr, while the DCGs are based on an effective dose of 100 mrem/yr. The DCGs are only relevant to radionuclides. Radionuclide concentrations in Hanford Site ground water are administered by DOE Order 5480.1.

3.2.1 Background Concentrations

Background concentrations of contaminants have been estimated from ground-water samples collected in areas not affected by Hanford operations. Because the effect of Hanford operations is not in all cases obvious, some judgement was needed for the selection of wells to be used. Only 600 Area wells were used because all of the operating areas are clearly affected to some extent. Wells in the region of the 200-East Area cyanide/technetium plume were also excluded because those wells clearly exhibit anomalous chemical and radiological effects. In a few other cases, wells were excluded if they showed evidence of other anomalous effects. For example, well 699-83-47 has repeatedly shown elevated levels of chromium. Although the origin of the material is unknown, that well can be assumed to be affected by Site operations. Estimates of background concentrations for selected constituents are listed in Table 3.2. Data used for the calculation of backgrounds as presented in Table 3.2 were taken from two sources. Data listings for the period covered by this report (January to June 1988) were the primary source of data with forty-five to sixty 600 Area wells selected as typical. Data obtained by inductively coupled plasma/mass spectrometry (ICP/MS) on thirty 600 Area wells were used to supplement that information in cases where lower detection limits or additional elemental information could be used effectively. The ICP/MS work and a complete listing of the data are described later in this report.

3.2.2 Cyanide

Sampling for chemicals in March 1987 included several 600 Area wells directly north of the 200-East Area. Cyanide was detected in two wells,

TABLE 3.2. Estimated Background Levels for Selected Constituents in Hanford Ground Water

Constituent	Detection Limit[a]	Background Concentration[a]
Aluminum	2[b]	<2[b]
Ammonia	50	<50
Arsenic	0.2[b]	3.9 ± 2.4[b]
Barium	6	42 ± 20
Beryllium	0.3[b]	<0.3[b]
Bismuth	0.02[b]	<0.02[b]
Boron	50[b]	<50[b]
Cadmium	0.2[b]	<0.2[b]
Calcium	50	40,400 ± 10,300
Chloride	500	10,300 ± 6,500
Chromium	2[b]	4.0 ± 2.0[b]
Copper	1[b]	<1[b]
Cyanide	10	<10
Fluoride	500	370 ± 100
Lead	0.5[b]	<0.5[b]
Magnesium	10	11,800 ± 3,400
Manganese	5	7 ± 5
Mercury	0.1	<0.1
Nickel	4[b]	<4[b]
Phosphate	1000	<1000
Potassium	100	4,950 ± 1,240
Selenium	2[b]	<2[b]
Silver	10	<10
Sodium	10	18,260 ± 10,150
Strontium	20	236 ± 102
Sulfate	500	34,300 ± 16,900
Uranium	0.5[c]	1.7 ± 0.8[c]
Vanadium	5	17 ± 9
Zinc	5	6 ± 2
Alkalinity	--	123,000 ± 21,000
pH	--	7.64 ± 0.16
Total Organic Carbon	200	586 ± 347
Conductivity	1[d]	380 ± 82[d]
Gross Alpha	0.5[c]	2.5 ± 1.4[c]
Gross Beta	4[c]	19 ± 12[c]
Radium	0.2[c]	<0.2[c]

(a) Units in ppb unless otherwise noted.
(b) Based on ICP/MS data.
(c) Units in pCi/L.
(d) Units in μmho/cm.

699-49-57 and 699-50-53. More extensive sampling during the third quarter (April to June) confirmed those preliminary results. A third well, 299-E33-5, inside the 200-East Area was also found to be contaminated with cyanide. The presence of cyanide was accompanied by corresponding increases in cobalt-60 and gross beta activity in the ground water over a 1-year period. Although cobalt-60 is normally relatively immobile in the Hanford subsurface environment, it appears to be chemically complexed and mobilized by cyanide. Samples taken through June 1988 show a maximum cyanide concentration of 1690 ppb in well 699-50-53 with lesser amounts present in four other wells in or near the north side of the 200-East Area. In addition to cyanide, a relatively high level of technetium-99 (28,000 pCi/L) was also detected in well 699-50-53. The majority of the gross beta activity observed in that well is likely technetium-99. The cyanide is thus associated with a well-defined but relatively narrow plume that has only recently appeared in that area. The extent of the contamination is currently limited to about 1 mi^2 (2.5 km^2); however, the exact extent of the plume is difficult to determine because there are few wells in the area. No fixed MCL or other standard for cyanide currently exists. The detection limit for cyanide is typically 5 to 10 $\mu g/L$ using EPA's standard analytical method (SW-846 Method 9010) (EPA 1982).

Low-level cyanide contamination has also been detected in four widely spaced wells in the 200-West Area (299-W12-1, 299-W14-2, 299-W15-8, and 299-W18-7). Cyanide was detected three times in well 699-38-70, located immediately to the east of the 200-West Area, but was not observed in the May 1988 sample. Low levels of cyanide have also been found in well 699-44-64, which is located between the 200-West and 200-East Areas. The immediate significance of these observations has not been fully assessed. Solutions containing ferrocyanide, which have been disposed of in the 200-West and 200-East Areas are likely to be the source.

3.2.3 Hexavalent Chromium

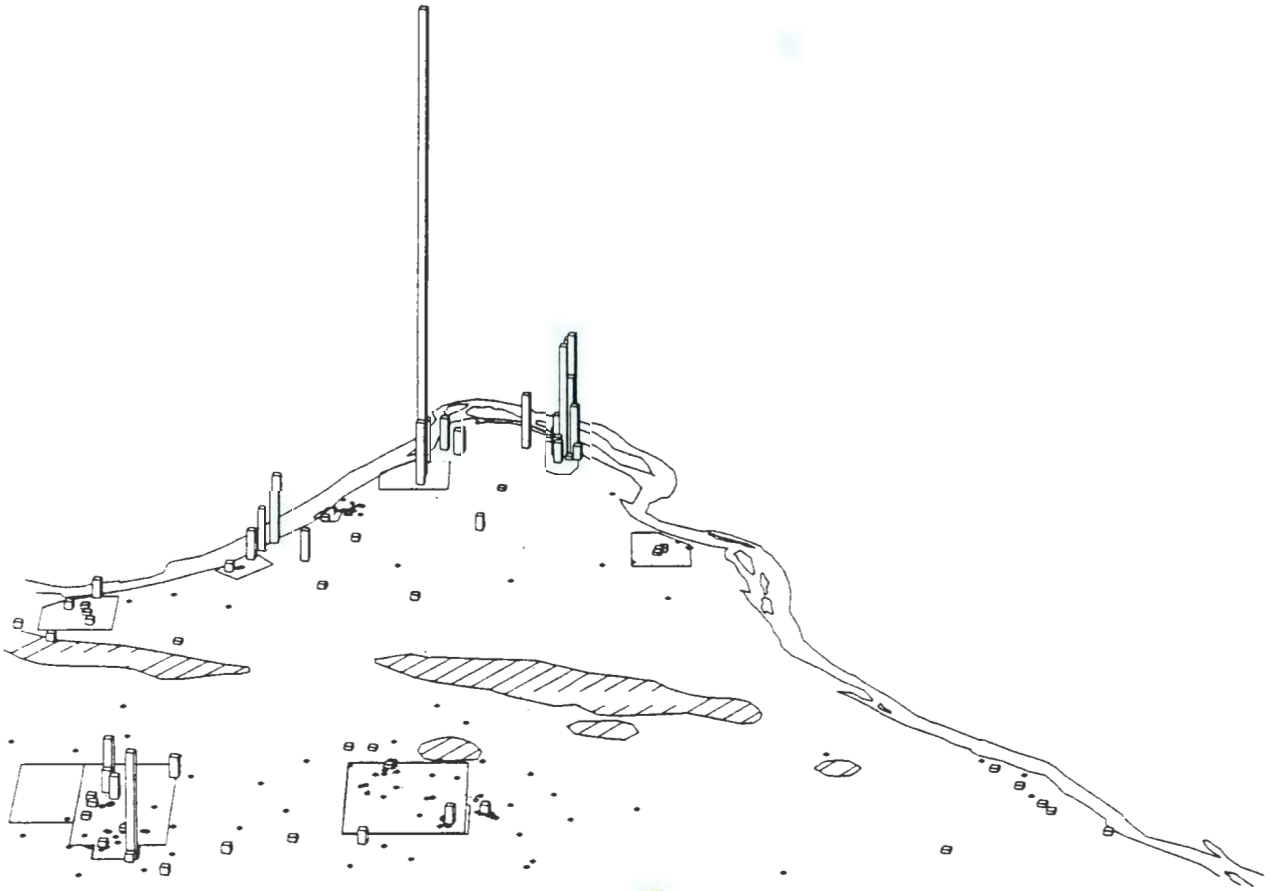
Chromium contamination levels remained essentially constant in the wells sampled in the 100-B, 100-H, 100-F, 200-East, 200-West, and 600 Areas. Chromium contamination observed for the first time during the last two

quarters in wells throughout the northern portion of the 600 Area was confirmed during this reporting period. Figure 3.2 shows the Site-wide distribution of dissolved chromium in ground water. Diamonds shown on the plot represent measurements below the detection limit of 10 μg/L for the inductively coupled plasma/mass spectrometry method.

3.2.4 Volatile Organic Compounds Across the Site

3.2.4.1 Carbon Tetrachloride in the 200-West Area

Carbon tetrachloride contamination has been found beneath much of the 200-West Area. The contamination is believed to be from waste disposal



Diamonds Indicate Below Detection

FIGURE 3.2. Maximum Chromium Concentrations in Unconfined Aquifer Wells, January 1, 1987, to June 30, 1988

operations associated with the Plutonium Finishing Plant (PFP) before 1973. Maximum concentrations detected in each well during the period from January 1987 to June 1988 are shown in Figure 3.3. The MCL for carbon tetrachloride is 5 ppb. The detection limit of the gas chromatography/mass spectrometry method used for analysis is also 5 ppb. A maximum concentration of 5550 ppb (well 299-W15-11, Figure B.8) was found near the PFP in March 1988 (location of the PFP is also shown in Figure B.8). The concentration of carbon tetrachloride in well 299-W15-11 has generally tended to increase, approximately doubling over a 1-year period since it was first observed. The plot shows high concentrations of carbon tetrachloride near T Plant and the PFP. The plume includes the area beneath the low-level burial ground. Carbon tetrachloride contamination from earlier Hanford Site operations in the 200-West Area is thus expected to cause ambiguities in the monitoring data from the RCRA project for the low-level burial ground waste management areas. A plume of limited areal extent may also exist across the southern end of the 200-West Area. It is difficult to completely define the carbon tetrachloride plume or plumes because of the lack of usable wells in some critical areas. A large fraction of the 200-West Area has no wells usable for chemical monitoring, and the wells to the north are sparsely distributed. With the exception of trace amounts found at the Central Landfill, no significant carbon tetrachloride contamination was found outside the 200-West Area and immediate environs.

3.2.4.2 Chlorinated Hydrocarbons Near the Solid Waste Landfill

Chlorinated hydrocarbon contamination levels at the SWL remained essentially constant in the affected wells for the sampling period reported here. The four species previously reported include 1,1,1-trichloroethane, trichloroethylene, perchloroethylene, and 1,1-dichloroethane. Minor amounts of carbon tetrachloride reported in ground-water samples from three of the wells in July 1987 were not found on subsequent sampling. An extensive study of the chlorinated hydrocarbon contamination at the SWL was carried out by PNL using a highly sensitive gas chromatography method. The results of that study confirmed the earlier work by United States Testing Company, Incorporated (UST). Details of the PNL study are discussed in Section 4.3. The origin of the contamination is believed to be steam stripper waste containing

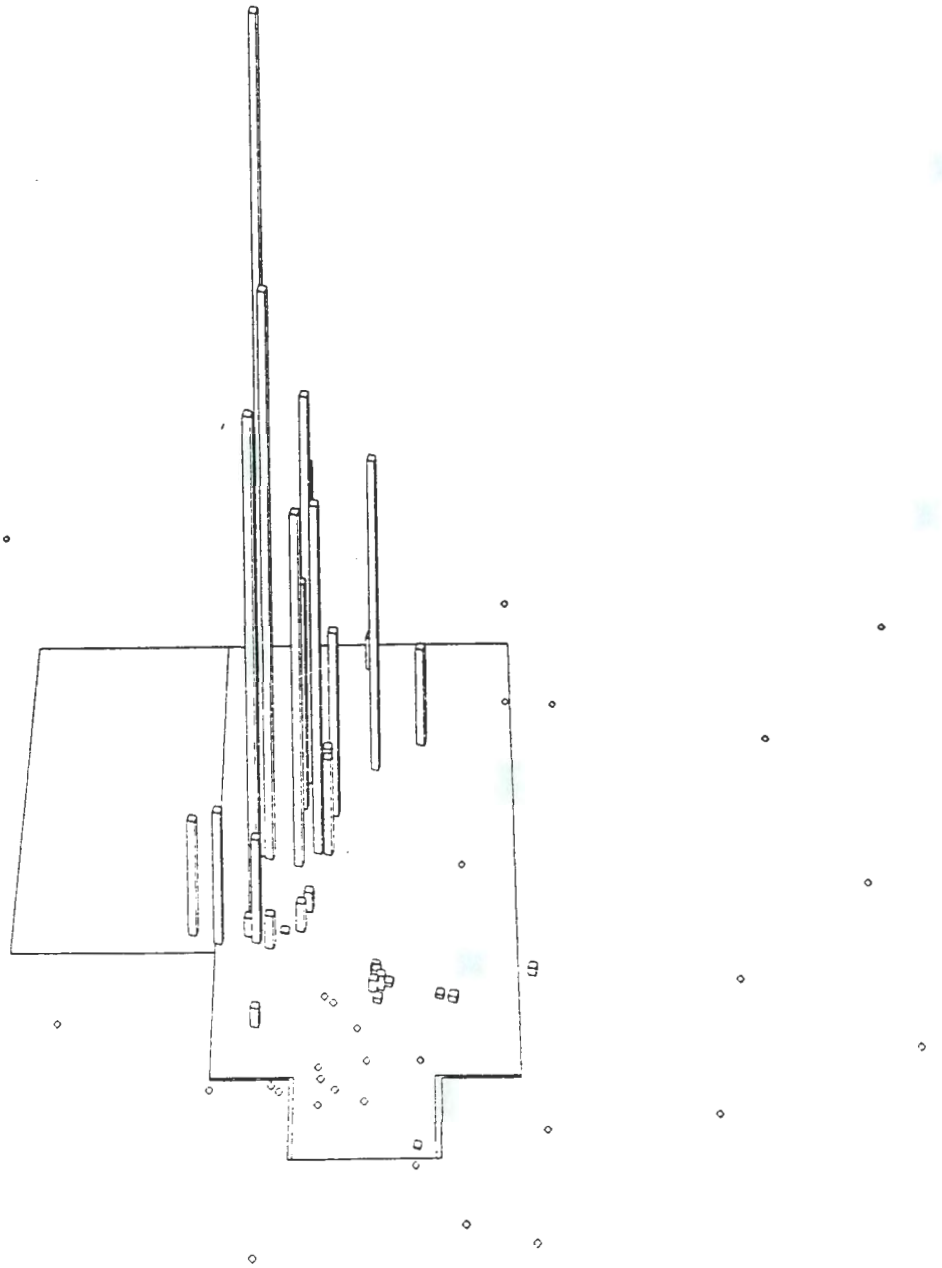


FIGURE 3.3. Maximum Carbon Tetrachloride Concentrations in 200-West Area Unconfined Aquifer Wells Between January 1, 1987, and June 30, 1988

degreasing solvents originating from motor pool maintenance operations in the 1100 Area and disposed of in the SWL.

3.2.4.3 Volatile Organic Compounds in the 300 Area

Several volatile organic compounds have been detected in ground-water samples from wells in and around the 300 Area. Compounds detected during January through June 1988 include chloroform, trichloroethene (TCE), and 1,2-dichloroethene (1,2-DCE). Samples were collected for the RCRA Ground-Water Compliance Monitoring Project investigating the 300 Area Process Trenches.

Samples collected in November 1987 from several wells (399-1-13, 399-1-16A, 399-1-16B, 399-1-18A, 399-1-18B, and 399-1-18C) contained methyl ethyl ketone (MEK) in concentrations ranging from 11 ppb in well 399-1-16A to 45 ppb in well 399-1-18A. The validity of those results was believed to be questionable because of elevated concentrations of MEK in blank samples prepared with distilled water and analyzed by UST. The lack of repeat occurrence of MEK in those same wells during the present reporting period further supports the conclusion that those results were laboratory artifacts.

The only 300 Area well showing TCE concentrations above the MCL (5 ppb) during the reporting period was well 399-1-16B (17 ppb). Trichloroethene concentrations in several other 300 Area wells have dropped below the MCL.

A degradation isomer of TCE, 1,2-DCE, has been detected consistently in samples from intermediate-depth wells 399-1-16B and 399-1-17B. The recommended MCL for 1,2-DCE is 70 ppb. The concentrations in samples taken in May 1988 were 53 ppb in well 399-1-16B and 7 ppb in well 399-1-17B. These concentrations were somewhat reduced from concentrations measured previously and appear to be correlated with the decrease in TCE concentrations.

The source of the organic compounds detected in 300 Area wells is unclear. With the exception of chloroform, which is normally only detected in wells adjacent to or downgradient from the process trenches, other organic compounds have been detected in wells upgradient from the process trenches (e.g., wells 399-8-2, 699-S19-E13, and wells in the 399-1-18 cluster) in addition to wells downgradient from the trenches. The widespread occurrence of the compounds suggests that sources other than, or in addition to, the process trenches may be involved.

3.2.4.4 Trichloroethene in 600 Area

Two wells west of the 100-F Area (699-77-36 [35 ppb] and 199-F7-1 [14 ppb]) show the presence of TCE at concentrations greater than the MCL (5 ppb). The source of the contamination is unclear but may be associated with the White Bluffs Pickling Acid Crib.

Well 699-71-52 shows persistent traces of TCE close to the MCL. The well is located in an isolated region of the 600 Area and no source of TCE contamination is evident.

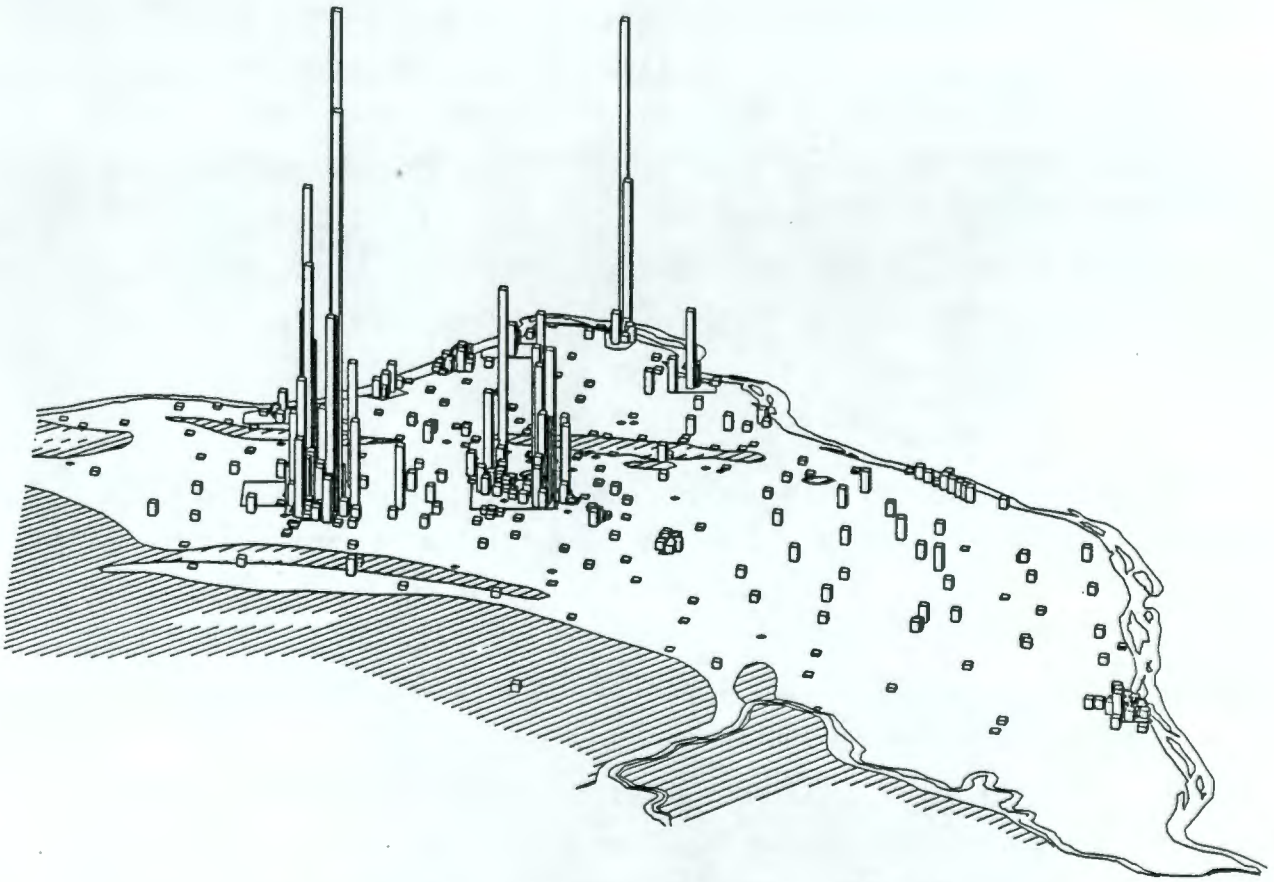
3.2.5 Nitrate Across the Site

Nitrate is associated with process condensates, decontamination waste streams, and other process liquid wastes discharged to the ground at Hanford (PNL 1988a). The extent of nitrate contamination in the unconfined aquifer reflects the extensive use of nitrogen-bearing compounds (e.g., nitric acid, sodium nitrate, sodium nitrite, and ammonia) in chemical reprocessing, production, and decontamination operations.

Nitrate is analyzed for in most wells in all monitoring networks and was measured at concentrations greater than the MCL (45 ppm as nitrate ion) in wells in all operational areas except for the 100-B and 400 Areas. A plot of the maximum nitrate concentrations in ground-water samples taken from January 1987 through June 1988 is presented in Figure 3.4.

3.2.5.1 Nitrate in the 100 Areas

Nitric acid used in reactor decontamination activities represents the major source of nitrate ion in the unconfined aquifer beneath the 100 Areas. Nitrate concentrations in the 100-B Area dropped below the MCL during this reporting period. In well 199-B3-1, the nitrate concentration decreased from 55.6 to 28.5 ppm from July 1987 to January 1988. In the 100-D Area, wells 199-D2-5 and 199-D5-12 remained above the MCL with nitrate concentrations of 80.3 and 73.8 ppm, respectively. Wells 199-F5-4, 199-F7-1, 199-F8-1, and 199-F8-2 all exceed the MCL in the 100-F Area with the maximum concentration found in well 199-F8-1 of 244 ppm. In the 100-H Area, seven of the sampled wells contained nitrate concentrations over the MCL (199-H3-1, 199-H4-3, 199-H4-4, 199-H4-9, 199-H4-12A, 199-H4-12B, and 199-H4-17). Well 199-H4-3



Diamonds indicate below contractual detection limit of 2500 ppb

FIGURE 3.4. Maximum Nitrate Concentrations in Unconfined Aquifer Wells, January 1, 1987, to June 30, 1988

near the 183-H Solar Evaporation Basins exhibited the maximum nitrate concentration for all 100 Area wells with a concentration of 663 ppm. In the 100-K Area, wells 199-K-11, 199-K-19, and 199-K-30 had nitrate concentrations greater than the MCL; concentrations ranged from 41.5 ppm (slightly below the MCL) in well 199-K-19 in June 1988 to a high of 86.8 ppm in that same well during March. During the January to June 1988 reporting period, the only wells detected with nitrate concentrations above the MCL in the 100-N Area were wells 199-N-32, 199-N-39, 199-N-42, and 199-N-49.

3.2.5.2 Nitrate in the 200-East Area

Twenty-two wells in the 200-East Area were found to contain nitrate concentrations greater than the MCL. Nineteen of these wells are located in the southeastern portion of 200-East Area near the PUREX Plant. The other three wells with nitrate concentrations above the MCL are located north and west of B Plant. Wells 299-E17-1 and 299-E24-1 contained the highest concentrations of nitrate measured in the 200-East Area, 308 and 334 ppm, respectively. Each of these wells is located adjacent to a process condensate liquid disposal facility, which is the likely source of nitrate in these wells.

3.2.5.3 Nitrate in the 200-West Area

Forty-three wells throughout the 200-West Area contained nitrate concentrations in excess of the MCL. The highest nitrate level detected in this area and Site-wide was 2810 ppm in well 299-W18-17. This well is located near Z Plant between the 216-Z-1 and the 216-Z-19 liquid disposal facilities. Few other wells in this immediate area contain nitrate concentrations in excess of the MCL. Past trend plot records for this well indicate that all previous nitrate measurements were below the detection limit. This value is considered suspect.(a) Wells with high nitrate concentrations are located primarily west of T Plant, near U Plant, and around the REDOX Plant. Maximum nitrate concentrations in these locations are 356 ppm (299-W10-9), 1400 ppm (299-W19-19), and 147 ppm (299-W23-10), respectively.

3.2.5.4 Nitrate in Other Areas

Elevated nitrate concentrations exist in areas downgradient from reprocessing facilities in the 200 Areas. Nitrate plumes extend from the southeast corner of the 200-East Area to the Columbia River, north from the 200-East Area toward the gap between Gable Mountain and Gable Butte, and east of the 200-West Area. The largest of these plumes is located between the 200-East Area and the Columbia River. Wells in this portion of the Site exceeded the MCL for nitrate on an intermittent basis except for well

(a) Resampling of this well subsequent to the reporting period detected no nitrate.

699-38-15, which remained only slightly above the MCL at 55.5 ppm nitrate. Nitrate concentrations north of the 200-East Area are significantly above the MCL with a maximum concentration of 559 ppm in well 699-50-53. The only other wells in this region with nitrate concentrations in excess of the MCL are 699-49-55A and 699-49-57. Four wells east of the 200-West Area contain nitrate concentrations in excess of the MCL, wells 699-38-65, 699-38-70, 699-40-62, and 699-44-64. Nitrate concentrations in these wells range from 45.8 ppm in well 699-44-64 to 239 ppm in well 699-38-70. Finally, one isolated well (699-77-36) near the 100-F Area also contains a nitrate concentration of 67.1 ppm, which exceeds the MCL.

3.2.6 Tritium Across the Site

Tritium concentrations greater than the MCL of 20,000 pCi/L were detected in all areas except 100-F, 100-H, and 300 Areas. Concentrations of tritium in excess of the DCG were found only in the 200-East and 200-West Areas.

3.2.6.1 Tritium in the 100 Areas

Twenty-five wells in the 100 Areas contained tritium concentrations in excess of the MCL. Wells 199-B4-1, 199-D2-5, and 199-K-30 were the only 100 Area monitoring wells outside of the 100-N Area with tritium concentrations greater than the MCL. Tritium concentrations in well 199-B4-1 had dropped from 49,700 pCi/L in January 1988 to 21,000 pCi/L in early April, while tritium concentrations in well 199-D2-5 remained nearly constant at 33,000 pCi/L. Well 199-K-30 continued to exhibit the highest tritium concentration of any 100 Area well, with concentrations in excess of 1,200,000 pCi/L. Figure 3.5 illustrates the trend in tritium concentrations for well 199-K-30 since early 1984.

The remaining 22 wells with tritium concentrations greater than the MCL are located in the 100-N Area adjacent to the 1301-N and 1325-N Liquid Waste Disposal Facilities. Wells in 100-N Area downgradient from these facilities continue to show the influence of reactor cooling water and fuel storage basin effluent disposal even after reactor operations have ceased. The maximum tritium concentration measured in 100-N Area wells was 152,000 pCi/L in well 199-N-49. Tritium concentrations in the 100-N Area are expected to

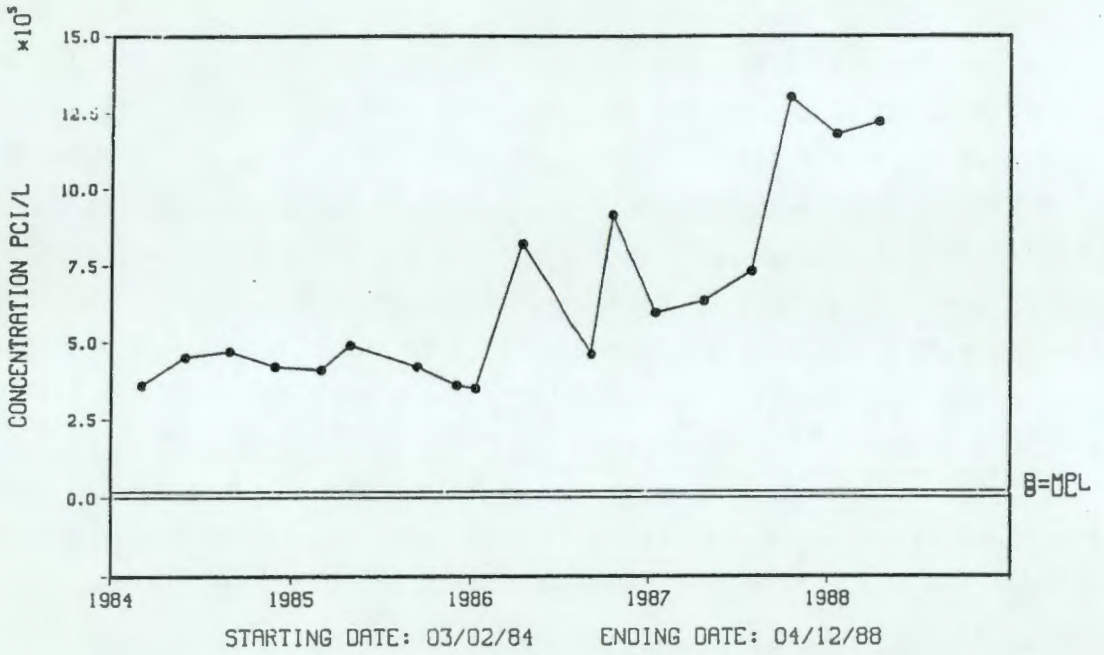


FIGURE 3.5. Tritium Concentrations from 1984 to June 1988 in Well 199-K-30

decrease because the N Reactor has been placed in cold standby. These future decreases are indicated by comparing data from wells close to the liquid waste disposal facilities with that from more distant downgradient wells. The average tritium concentrations for four wells near the 1325-N Liquid Waste Disposal Facility (199-N-27, 199-N-32, 199-N-36, 199-N-45) were approximately 69,000 pCi/L. Average tritium concentrations in more distant wells (199-N-49, 199-N-50) remained at nearly 134,000 pCi/L from January to June 1988. These data suggest that the concentrations of tritium and/or discharge volumes of tritiated liquids have decreased.

3.2.6.2 Tritium in the 200-East Area

The highest concentrations of tritium onsite continue to be found in the 200-East Area near the PUREX Plant. Twenty-one wells in this portion of the 200-East Area contain tritium concentrations in excess of the MCL. Nine of these wells had tritium concentrations in excess of the DCG during the Reporting Period. Wells 299-E17-1 and 299-E24-11 contained tritium concentrations slightly greater than 8,000,000 pCi/L. The remaining seven wells with tritium concentrations greater than the DCG were 299-E17-5, 299-E17-8, 299-E17-9, 299-E17-13, 299-E24-1, 299-E24-2, and 299-E24-12.

Tritium concentrations greater than the MCL but less than the DCG were measured in 17 wells within the 200-East Area. Of these wells, 14 were located near the PUREX Plant. The other three wells, 299-E23-1, 299-E24-7, and 299-E28-12, were located some distant west of the Plant. Wells 299-E23-1 and 299-E24-7 are located between B Plant and the PUREX Plant and have shown dramatic increases in tritium concentrations since 1987. The tritium concentration in well 299-E23-1 has increased from 10,500 pCi/L in March of 1987 to 135,000 pCi/L in February 1988. Similarly, concentrations in well 299-E24-7 have also increased from 10,300 pCi/L in March 1987 to 418,000 pCi/L in February 1988. The locations of these wells and the apparent upward trend in tritium concentrations suggest that tritium contamination from the PUREX Plant has migrated to the west toward B Plant.

3.2.6.3 Tritium in the 200-West Area

The concentrations of tritium in 200-West Area wells have remained fairly consistent with previous results. Nineteen wells continue to show tritium concentrations in excess of the MCL. Well 299-W22-9 continued to show the highest concentrations of tritium in the 200-West Area at 7,560,000 pCi/L. Well 299-W23-4 also contained tritium concentrations in excess of the DCG during the February 1988 sampling. Subsequently, tritium concentrations in well 299-W23-4 dropped from 5,450,000 pCi/L in February to 1,550,000 pCi/L in June 1988. Previous tritium results for well 299-W23-4 were all below the MCL of 20,000 pCi/L. Of the 17 wells with tritium less than the DCG but greater than the MCL, ten wells (299-W19-2, 299-W21-1, 299-W22-7, 299-W22-10, 299-W22-12, 299-W22-20, 299-W22-26, 299-W23-2, 299-W23-9, and 299-W23-10) were located in the southern portion of the 200-West Area and adjacent to the REDOX Plant.

Several wells located in the northern part of the 200-West Area also continued to show tritium concentrations in excess of the MCL. Wells 299-W6-1, 299-W10-1, 299-W10-3, 299-W10-4, 299-W10-9, 299-W14-2, and 299-W15-4 all contain tritium concentrations greater than the MCL. Tritium concentrations in these northern wells range from 54,800 pCi/L in well 299-W10-1 to 155,000 pCi/L in well 299-W15-4. Liquid waste sites interspersed between these wells were associated with the early operations of

T Plant. Tritium concentrations in the northern portion of the 200-West Area are expected to decrease as radioactive decay continues to deplete the tritium sources from these early operations.

3.2.6.4 Tritium in Other Areas

Tritium concentrations in excess of the MCL exist in several locations adjacent to operational areas. Well 699-87-55 lies in an area downgradient from the 100-N Area and contained an average tritium concentration of 52,000 pCi/L for the reporting period. No other wells north of Gable Mountain and Gable Butte and outside of the 100 Areas contain tritium in excess of the MCL.

Tritium plumes also exist in portions of the Site between the 200-West and 200-East Areas and in the portion of the Hanford Site between the 200-East Area and the Columbia River. The tritium plume between the 200-West and 200-East Areas has remained relatively constant over the reporting period. Wells 699-35-66 and 699-35-70 continue to show the highest tritium concentrations in the plume with tritium concentrations of 1,200,000 pCi/L. Wells 699-32-70B, 699-32-72, 699-38-65, and 699-40-62 also were found to contain tritium concentrations in excess of the MCL. Tritium concentrations in these wells range from 77,000 pCi/L in well 699-40-62 to nearly 400,000 pCi/L in 699-38-65.

Tritium concentrations greater than the MCL extend from the 200-East Area all the way to the Columbia River. Maximum tritium concentrations near the river were found in wells 699-39-0, 699-40-1, 699-41-1, 699-42-2, and 699-43-3. Tritium concentrations in these wells ranged from 200,000 to 250,000 pCi/L during the reporting period. The maximum tritium concentrations detected in this plume were found in well 699-38-15 at 489,000 pCi/L.

The width of the tritium plume between the 200-East Area and the river continues to expand to the south. Expansion of the plume to the south is illustrated in Figure 3.6 (699-S19-E13) and Figure 3.7 (699-S3-E12). These two wells exhibit similar trends that suggest that tritium concentrations will continue to increase in that portion of the Site immediately north of the 300 Area. Concentrations of tritium is excess of the MCL were found in

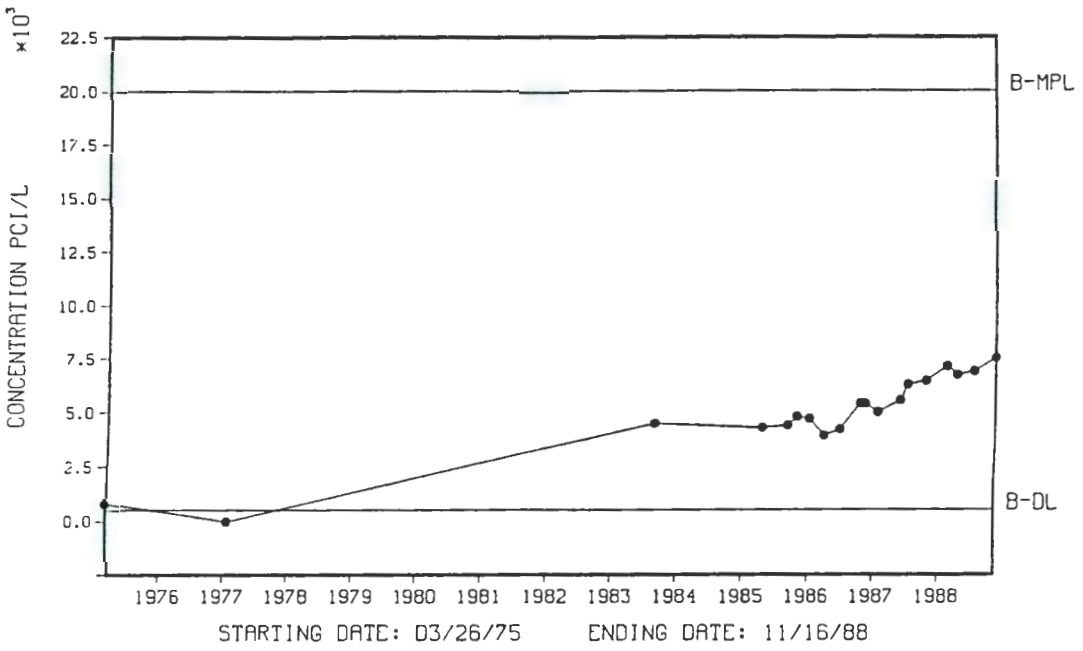


FIGURE 3.6. Tritium Concentrations Through Time in Well 699-S19-E13

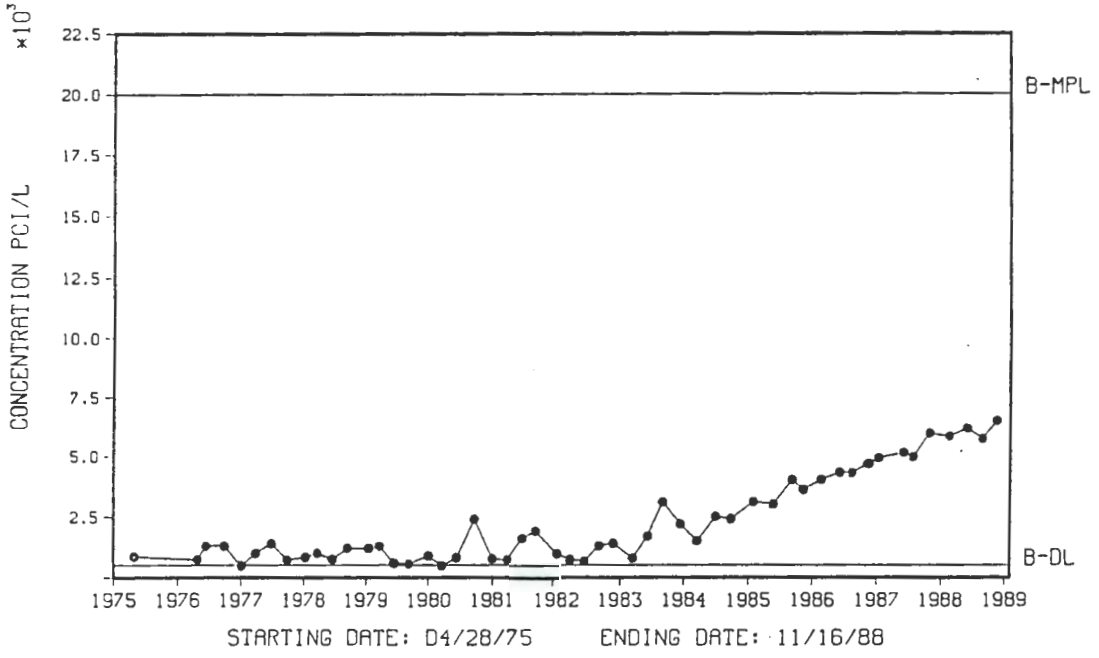


FIGURE 3.7. Tritium Concentrations Through Time in Well 699-S3-E12

well 699-S6-E4B, which is approximately 2 miles inland from well 699-S3-E12. If the present trend continues, wells 699-S3-E12 and 699-S19-E13 will likely exceed the MCL within 5 years.

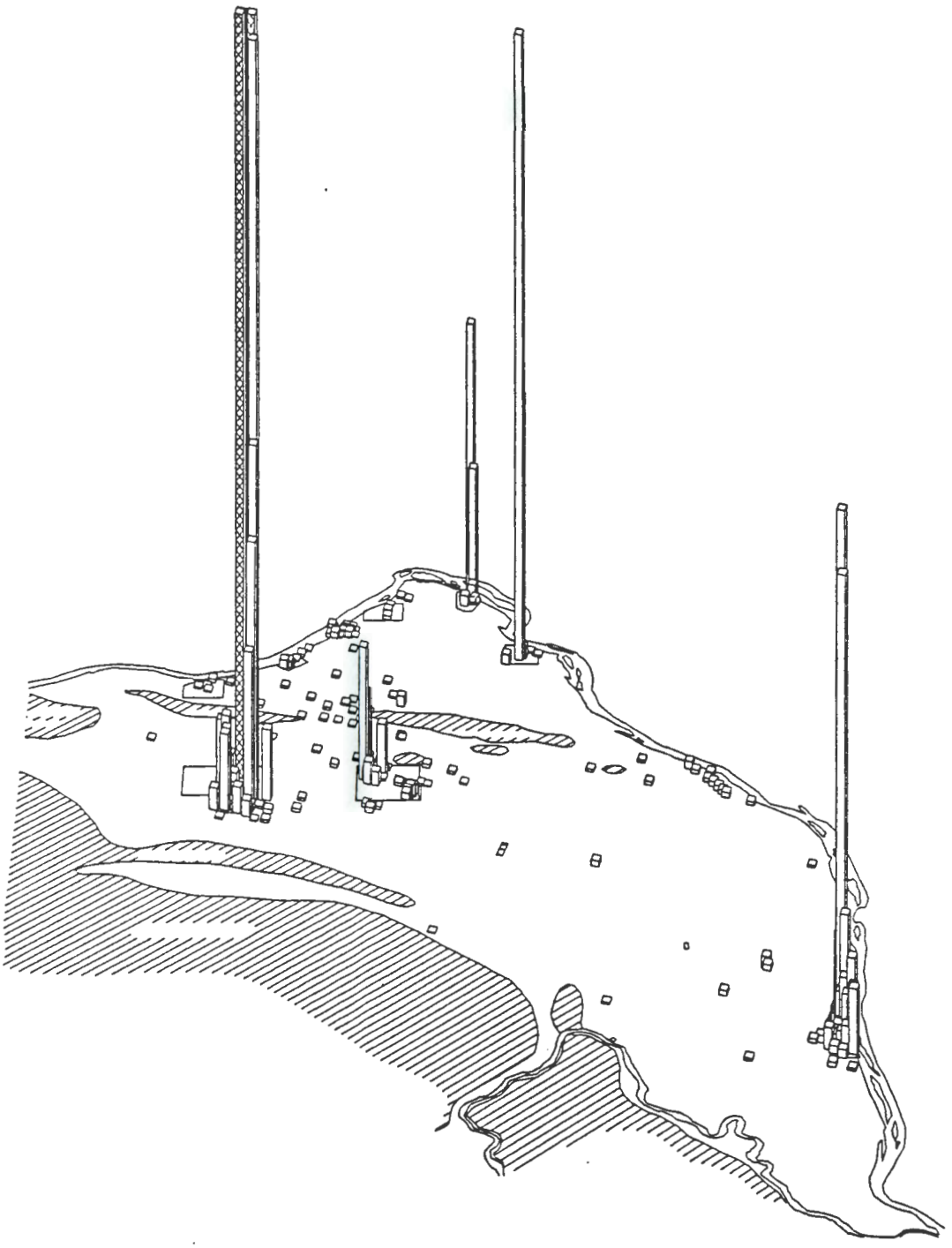
3.2.7 Gross Alpha Activity and Uranium

Alpha activities in Hanford ground water can be attributed to the presence of isotopes of uranium and plutonium discharged to liquid waste disposal facilities. Other alpha-emitting radionuclides, such as lead, radium, polonium, americium, and neptunium, have not been detected in Hanford ground water. Based on past ground-water analyses, the costly nature of alpha-emitting radionuclide-specific analytical techniques, and the limited mobility of these radionuclides in the subsurface environment, further analyses of these other alpha emitters has been discontinued. Instead, gross alpha activity is used as an indicator, and when alpha concentrations exceed an established level further investigations are undertaken to identify which alpha-emitting radionuclide may be responsible. In nearly every instance, the alpha emitter of interest is uranium. One exception to this finding is the presence of plutonium-239,240 in well 299-E28-23. In the January and May 1988 sampling, well 299-E28-23 had plutonium-239,240 concentrations of 9.3 and 11.1 pCi/L. These results are consistent with past results and represent about one-third of the MCL for plutonium-239,240 (30 pCi/L). Concentrations of plutonium-239,240 in this well are below the contractual detection limit of 17 pCi/L but still are quantifiable by the present analytical method.

In all other wells, uranium is responsible for the gross alpha activity. Only wells in the 200-West Area contained uranium in excess of the MCL of 600 pCi/L. Wells 299-W19-3, 299-W19-11, 299-W19-16, and 299-W19-18 are the only wells with uranium concentrations in excess of the MCL. Figure 3.8 illustrates the distribution of uranium across the Site.

3.2.8 Gross Beta Activity

Gross beta concentrations greater than the MCL of 50 pCi/L were detected in wells from all operational areas except the 100-K and 400 Areas (Figure 3.9). Although gross beta concentrations greater than the MCL were widespread, the highest concentrations were found in wells near several waste disposal facilities in the 100-N, 200-East, and 200-West Areas and in the



Diamonds indicate values less than analytical error

FIGURE 3.8. Maximum Uranium Concentrations in Unconfined Aquifer Wells, January 1, 1987, to June 30, 1988

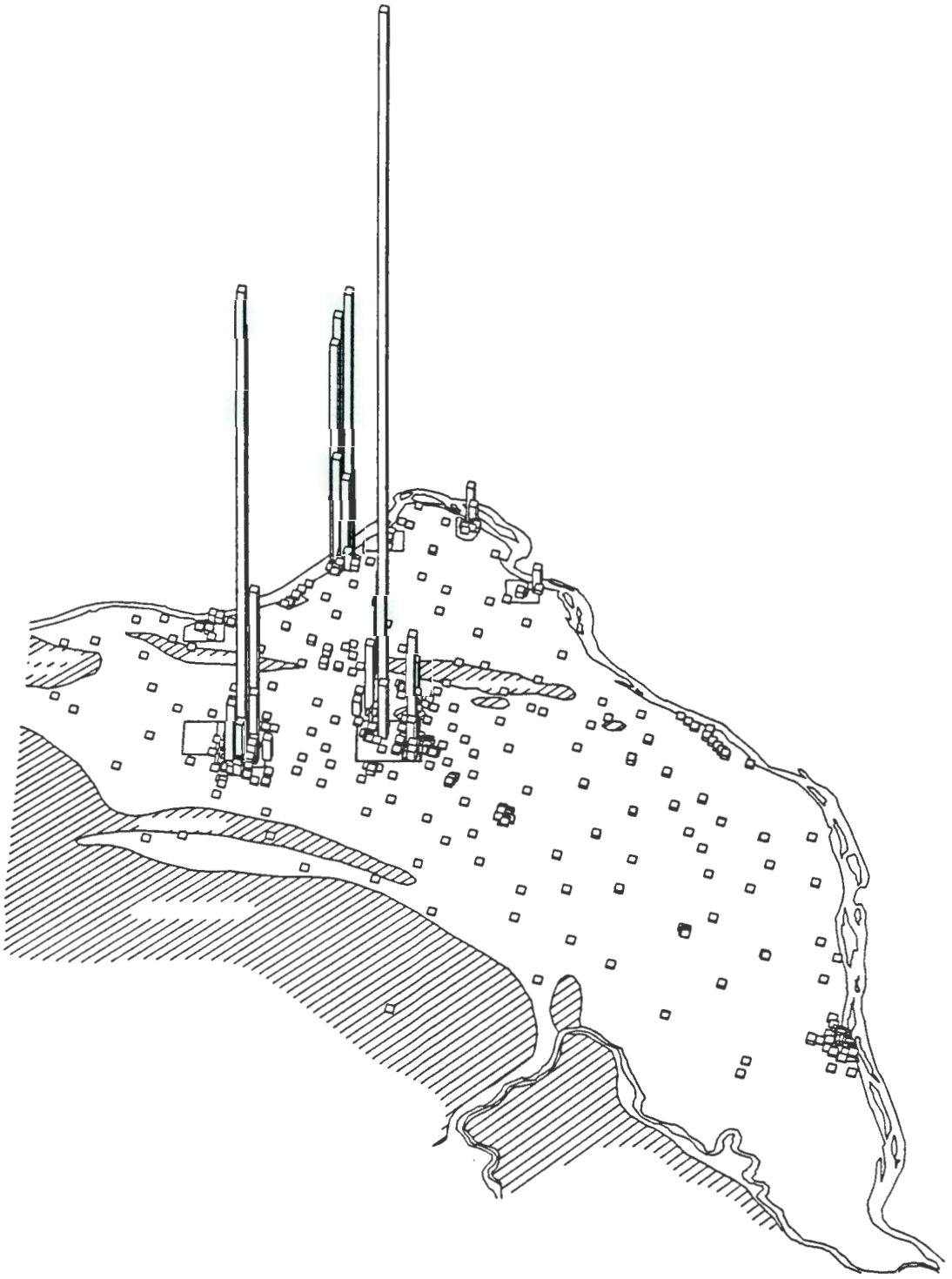


FIGURE 3.9. Maximum Gross Beta Concentrations in Unconfined Aquifer Wells, January 1, 1987, to June 30, 1988

600 Areas adjacent to the 200 Areas. Gross beta activity can commonly be attributed to the presence of one or more of the following radionuclides in the ground water: carbon-14, cobalt-60, nickel-63, strontium-90, technetium-99, iodine-129, cesium-137, ruthenium-106 and the uranium radioactive decay products. Depending on which of these radionuclides is present, the MCLs for individual beta-emitters may vary dramatically from the gross beta MCL of 50 pCi/L. Carbon-14, for example, has an MCL of 2000 pCi/L, in which case a concentration of 50 pCi/L carbon-14 would be of little concern. Conversely, an iodine-129 concentration of 50 pCi/L is 50 times the 1-pCi/L MCL for that beta-emitting radionuclide. In addition, the gross beta method is ineffective for many of these radionuclides.

Because of the previously mentioned concerns and the widespread nature of gross beta concentrations exceeding the MCL, surveys have been undertaken to identify the contributions of carbon-14, cobalt-60, nickel-63, strontium-90, ruthenium-106, technetium-99, iodine-129, and cesium-137. Contributions from uranium radioactive decay products were not specifically assessed, but the dose from these is considered as part of the dose received from the long-lived uranium isotope.

3.2.9 Carbon-14

Carbon-14 was detected in concentrations less than the MCL in all wells measured. The highest concentrations were measured in wells 199-N-14 and 199-N-33 in the 100 N-Area with concentrations of 390 and 394 pCi/L, respectively. These concentrations represent less than 20% of the MCL for carbon-14. Measured concentrations in wells 299-E17-5 and 299-E24-1 near PUREX Plant in the 200-East Area were 58.5 and 58.8 pCi/L, respectively. Of the wells surveyed, carbon-14 represents only a minor contributor to gross beta activities in the unconfined aquifer.

3.2.10 Cobalt-60

Cobalt-60 concentrations exceeded the MCL of 100 pCi/L in the 100-N Area and in an isolated section of the Site north of the 200-East Area. Wells 199-N-32 and 199-N-39 in the 100-N Area had cobalt-60 concentrations of 168 and 196 pCi/L, respectively. In the region north of the 200-East Area, well 699-50-53 contained 469 pCi/L of cobalt-60, which was the highest cobalt-60

concentration measured during the survey. Outside of these two locations, only well 299-E17-5 in the southeast corner of the 200-East Area exhibited cobalt-60 concentrations greater than the detection limit. Cobalt-60, like carbon-14, appears to only account for a minor contribution to gross beta activity in the Hanford ground waters.

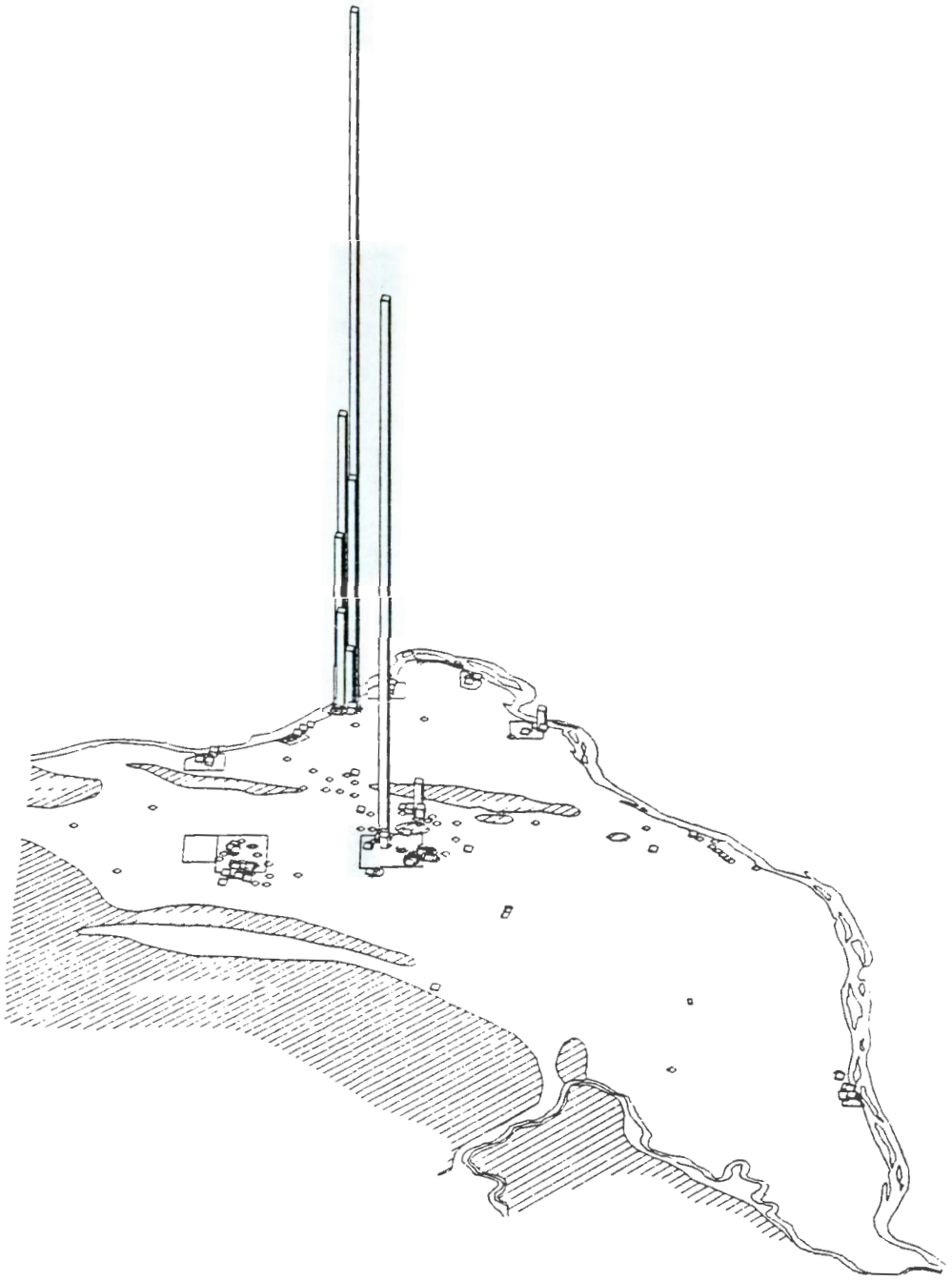
3.2.11 Nickel-63

Nickel-63 was found in only one well at concentrations exceeding the detection limit of 10 pCi/L. Well 199-N-33 in the 100-N Area contained a nickel-63 concentration of 10.71 pCi/L, which is less than the MCL of 50 pCi/L.

3.2.12 Strontium-90

Strontium-90 concentrations in excess of the 8 pCi/L MCL were detected in all areas except the 300 and 400 Areas. Peak concentrations of strontium-90 in the 100-N and 200-East Areas also exceeded the DCG of 1000 pCi/L. In the 100-N Area, four wells remained in excess of the DCG (199-N-2, 199-N-3, 199-N-14, and 199-N-45), while well 199-N-39, which was previously over the DCG, dropped from 10,400 pCi/L in July of 1987 to less than 900 pCi/L during this reporting period. Strontium-90 concentrations were also found to exceed the DCG in wells 299-E28-23 (6150 pCi/L) and 299-E28-25 (6270 pCi/L) in the northern portion of the 200-East Area. These wells were placed in proximity to the 216-B-5 reverse well, which discharged liquid waste directly into the unconfined aquifer. Other nearby wells, 299-E28-7 and 299-E28-24, exhibit much lower concentrations of strontium-90 at 60.9 and 172 pCi/L, respectively. These data suggest that the extent of strontium-90 migration from the 216-B-5 reverse well is limited.

The Site-wide distribution of maximum strontium-90 concentrations for wells sampled during the gross beta survey period of January 1987 to June 1988 is presented in Figure 3.10. This figure suggests that in some instances strontium-90 represents a major contributor to Site-wide gross beta levels. In the 100 Areas and particularly in 100-N Area, strontium-90 and gross beta exhibit similar trends with gross beta values consistently in excess of the strontium-90 concentrations. The difference in the values is



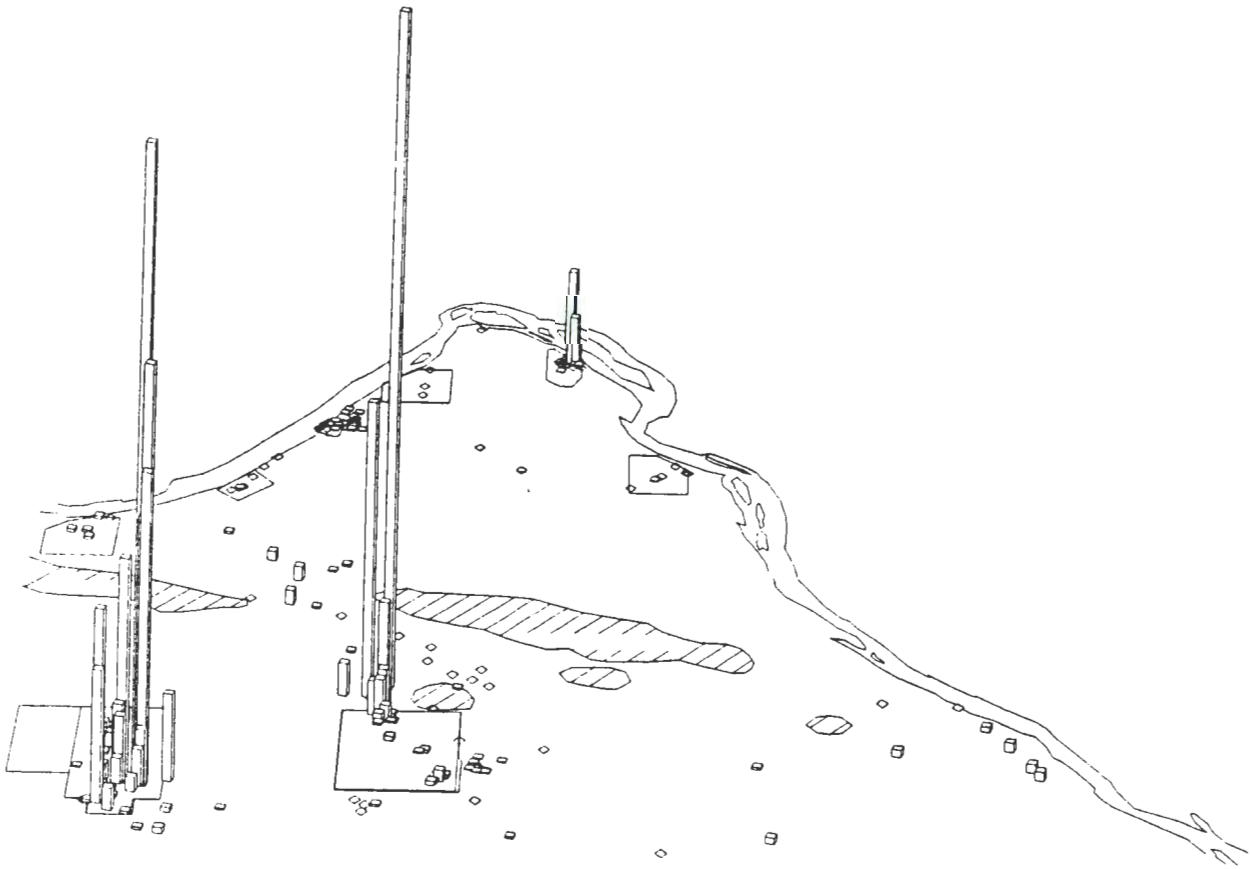
Diamonds Indicate Below Detection

FIGURE 3.10. Maximum Strontium-90 Concentrations in Unconfined Aquifer Wells, January 1, 1987, to June 30, 1988

likely a result of the presence of other beta-emitters as well as differences in the efficiencies of the two methods for detecting strontium-90.

3.2.13 Technetium-99

Detectable concentrations of technetium-99 were found in wells across the Site (Figure 3.11). Concentrations greater than the MCL (900 pCi/L) were measured in the ground water in the 100-H Area and in the portions of the 200-East Area, 200-West Area, and in the 600 Area adjacent to the 200 Areas. No wells contained concentrations greater than the DCG (100,00 pCi/L). Concentrations of technetium-99 less than the MCL were measured in wells in the 100-B, 100-K, 100-N, 300, and 600 Areas.



Diamonds Indicate Below Detection

FIGURE 3.11. Maximum Technetium-99 Concentrations in Unconfined Aquifer Wells, January 1, 1987, to June 30, 1988

3.2.13.1 Technetium-99 in the 100-H Area

A well-defined plume of technetium-99 in the 100-H Area extends from the 183-H Solar Evaporation Basins to the Columbia River. Average concentrations in wells within the plume ranged from 2260 pCi/L in well 199-H4-3 adjacent to the 183-H basins to 20 pCi/L in well 199-H4-11 southeast of the basins near the Columbia River. Based on the concentrations detected in the 199-H4-12 well cluster, detectable quantities of technetium-99 extend into the intermediate portion of the unconfined aquifer but are not present in deeper portions of the aquifer. The average concentrations measured in samples from wells in this cluster were 491 pCi/L in well 199-H4-12A (the shallow well), 378 pCi/L in well 199-H4-12B (the intermediate-depth well), and less than detectable in well 199-H4-12C (the deep well). Concentrations of technetium-99 in wells upgradient from the 183-H basins were all less than detection.

3.2.13.2 Technetium-99 in and near the 200-East Area

The highest concentrations of technetium-99 in the 200-East Area were measured in wells near the BY Cribs in the northern part of the area. Wells 299-E33-5, 299-E33-7, and 299-E33-24 contained concentrations of 1480, 3630, and 1550 pCi/L, respectively. Several other wells in the vicinity of the BY Cribs also contained detectable concentrations of technetium-99. Three 600 Area wells immediately north of the BY Cribs also contained concentrations greater than the MCL. Wells 699-49-55A, 699-49-57, and 699-50-53 had respective concentrations of 12,500, 1220, and 27,250 pCi/L. Well 699-50-53 continues to contain the highest concentrations of technetium-99 onsite. Other 200-East Area wells that contained detectable technetium-99 were 299-E13-5, 299-E17-12, 299-E17-13, 299-E24-8, 299-E27-5, and 299-E28-7.

3.2.13.3 Technetium-99 in the 200-West Area

Wells located in an area around U Plant adjacent to numerous waste disposal facilities that have received waste from U Plant operations contained the highest concentrations of technetium-99 in the 200-West Area. The highest concentrations are in wells that surround the inactive 216-U-1 and 216-U-2 Cribs, and the 216-U-17 Crib, which has never been used. Well 699-38-70, which is in the 600 Area immediately east of U Plant, contained an

average concentration of 3238 pCi/L. Wells located in the southwest corner of the 200-West Area also contained concentrations greater than the MCL. Detectable concentrations of technetium-99 were also measured in well 299-W18-3 near Z Plant and in several wells located in the northern part of the 200-West Area near T Plant.

3.2.13.4 Technetium-99 in the 600 Area

Several wells located in the 600 Area between the 200-East Area and the Columbia River to the east also contained technetium-99. The highest concentrations detected were in several wells adjacent to the river (wells 699-40-1, 699-41-1, 699-42-12A, 699-43-3, and 699-46-4) and in two wells (699-27-8 and 699-32-22) located near the center of the plume emanating from the 200-East Area. Several 600 Area wells located between Gable Mountain and Gable Butte also contained detectable technetium-99. Of particular interest was the detection of technetium-99 in wells 699-50-48B (16.5 pCi/L) and 699-54-57 (71.7 pCi/L) north of the 200-East Area. These wells are believed to be completed in a confined aquifer.

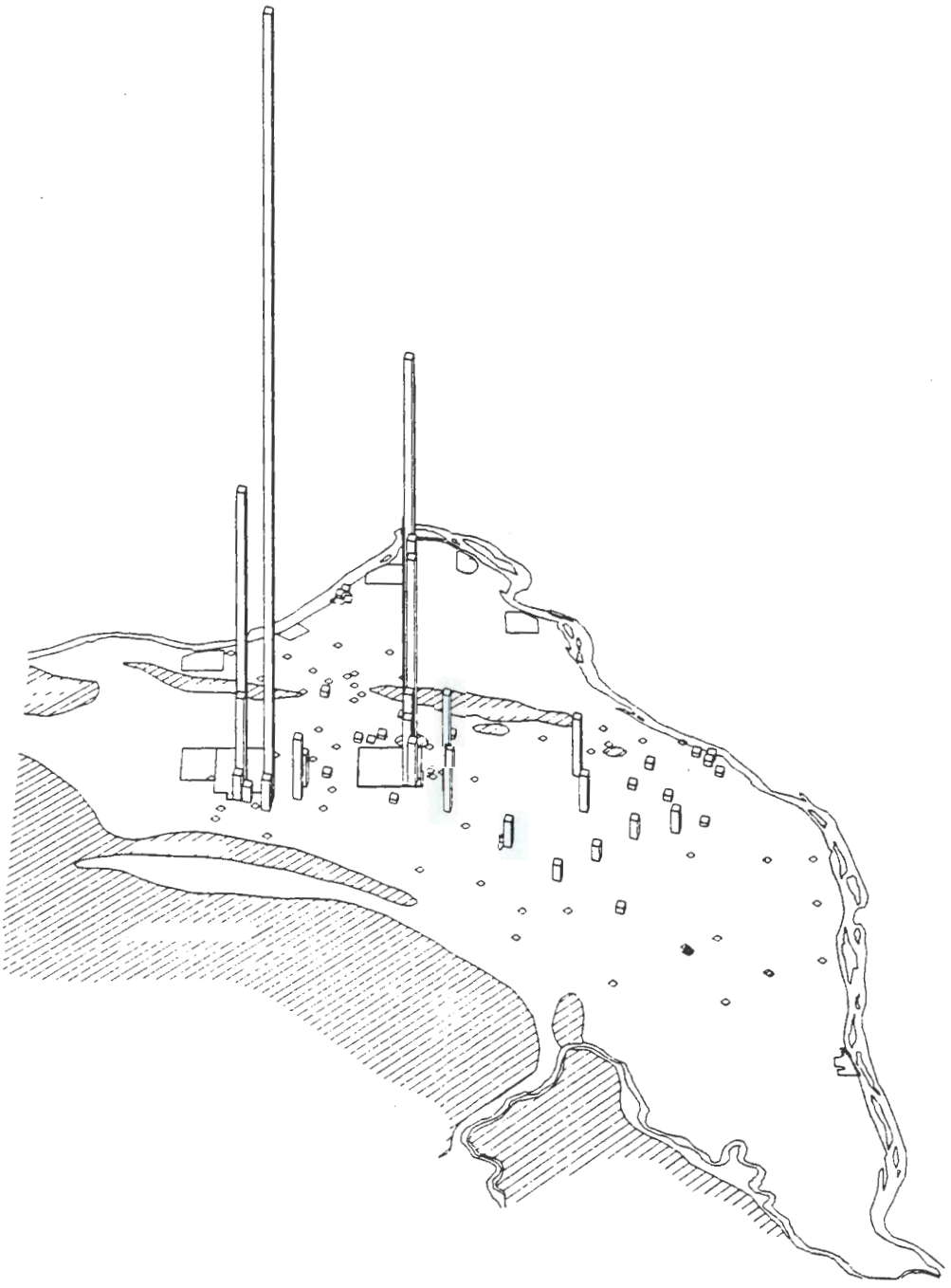
3.2.14 Ruthenium-106

Ruthenium-106 concentrations above the detection limit were found in only three wells all in the 200-East Area. Wells 299-E17-2, 299-E17-5, and 299-E24-12 contained maximum ruthenium-106 concentrations of 235, 352, and 547 pCi/L, respectively. The detection limit for ruthenium-106 is 172.5 pCi/L, which is nearly six times the MCL of 30 pCi/L. This relatively high detection limit lends some uncertainty to the contribution of ruthenium-106 to gross beta concentrations in Hanford ground waters. Concentrations of ruthenium-106 less than the analytical detection limit may be present in wells that exhibit slightly elevated gross beta and no identified beta-emitting radionuclide. For example, well 299-E24-1 was found to contain 66.8 pCi/L gross beta during the June 1988 sampling with no identified beta-emitter. This concentration exceeds the MCL for gross beta of 50 pCi/L and would not have been detected by the present ruthenium-106 measurement technique. Although some uncertainty does exist with the contribution of ruthenium-106, it does not appear to represent a long-term concern with respect to potential dose. The relatively short half-life of ruthenium-106

(358 days) suggests that it will likely undergo radioactive decay before reaching the accessible environment. This conclusion is supported by the fact that the only wells with detectable ruthenium-106 concentrations are close to active operating facilities near the PUREX Plant.

3.2.15 Iodine-129

The presence of iodine-129 in ground water is significant primarily because of its relatively long half-life (16 million years) and its potential for accumulation in the environment as a result of long-term releases from nuclear fuel reprocessing facilities (Soldat 1976). On the Hanford Site, the main contributor of iodine-129 to the ground water has been liquid discharges to cribs in the 200 Areas. Samples from wells in the 100-N, 200-East, 200-West, 400, and 600 Areas were analyzed for iodine-129. The only wells that contained iodine-129 in concentrations greater than the MCL of 1 pCi/L (the detection limit for iodine-129 is also 1 pCi/L using the direct counting method) were confined to the 200 Areas or within plumes emanating from waste disposal facilities within the 200 Areas (Figure 3.12). Wells 299-E17-5 and 299-E24-1 in the 200-East Area near the PUREX Plant contained iodine-129 concentrations of 15.6 and 26.6 pCi/L, respectively. Within the tritium plume that extends east of the 200-East Area to the Columbia River (Jaquish and Mitchell 1988) wells 699-15-26, 699-20-20, 699-24-33, 699-26-15A, 699-27-8, 699-32-22, 699-32-43, and 699-41-23 had iodine-129 concentrations of 1.6, 1.5, 2.7, 1.9, 2.3, 1.5, 6.7, and 6.3 pCi/L, respectively. These wells roughly delineate the extent of the migration of iodine-129 to the east and south from the 200-East Area in concentrations exceeding the MCL. A number of other 600 Area wells surrounding these wells contained concentrations of iodine-129 less than the detection limit. The only 200-West Area well that was analyzed for iodine-129 was 299-W19-3, which contained 15.5 pCi/L. Five 600 Area wells located east and south of the 200-West Area also contained concentrations of iodine-129 exceeding the MCL. These wells were 699-32-70B, 699-35-66, 699-35-70, 699-38-65, and 699-38-70 with respective concentrations of 3.3, 6.6, 87.8, 3.5, and 1.4 pCi/L. Well 699-35-70 has historically contained the highest iodine-129 concentration on Site.



Diamonds Indicate Below Detection

FIGURE 3.12. Maximum Iodine-129 Concentrations in Unconfined Aquifer Wells, January 1, 1987, to June 30, 1988

3.2.16 Cesium-137

Concentrations of cesium-137 above the detection limit (20 pCi/L) were found in only three wells throughout the entire Site. All three of these wells (299-E28-7, 299-E28-23, and 299-E28-25) were located in the northern portion of the 200-East Area near the 216-B-5 reverse well. Of these wells, only 299-E28-23 exhibited a cesium-137 concentration in excess of the MCL of 200 pCi/L. The maximum concentration of cesium-137 occurred in well 299-E28-23 with a concentration of 1800 pCi/L. Based on these results, it appears that cesium-137 is not a major contributor to gross beta concentrations.

4.0 SPECIAL ANALYTICAL INITIATIVES

Several new analytical initiatives were undertaken during the year. These special studies were performed entirely in-house at PNL. The purpose of these studies was to provide additional information not available through the routine analytical methods employed by UST. Three special studies will be discussed here: 1) cyanide speciation in the BY Cribs plume; 2) inductively coupled argon plasma/mass spectrometry (ICP/MS) measurements on a broad selection of samples from the 100, 200, 300, and 600 Areas; and 3) high sensitivity gas chromatography measurements performed at the Solid Waste Landfill-Nonradioactive Dangerous Waste Landfill.

4.1 CYANIDE SPECIATION

The cyanide contamination found north of the 200-East Area is believed to originate from nickel ferrocyanide scavenging waste disposed of in the BY Cribs approximately 30 years ago. The chemical analysis method employed by UST (SW-846 Method 9010, EPA 1982) provides information only on total cyanide. Because the waste was originally present as the complexed and thus relatively nontoxic form, determination of the chemical form currently found in the ground water is of interest. Toward that end, PNL initiated a limited analytical development effort aimed at providing an improved method for speciation of the cyanide. The work was performed by Dr. K. Poole of the PNL Chemical and Material Sciences Center. Two methods were chosen, ion exclusion chromatography (MPIC) and ion chromatography using a pulsed amperometric detector (PAD). The PAD method is selective for free cyanide while the MPIC method is selective for the complexed form ($Fe[CN]_6^{4-}$). The three wells selected for the special study were 699-49-55A, 699-49-57, and 699-50-53. Those wells had consistently exhibited the highest levels of total cyanide on the Site. The samples were collected as splits at the well as part of the routine sampling of those wells. The samples were collected during February and March 1988. The analytical results are presented in Table 4.1. The results are expressed as $\mu g/L$ of cyanide. It appears that approximately one-third of the cyanide is present in the free or uncomplexed form. The remainder may be present as the less toxic ferrocyanide complex.

TABLE 4.1. Cyanide Speciation in 600 Area Wells

Well	Free CN^-	Total Cyanide (UST)
699-49-55A	53	141
699-49-57	24	62
699-50-53	160	422

Both forms would be expected to have high environmental mobility, and both forms are expected to be capable of forming mobile complexes with cobalt. The results of the MPIC method were not considered of adequate reliability to report at this time.

4.2 INDUCTIVELY COUPLED ARGON PLASMA/MASS SPECTROMETRY SEMIQUANTITATIVE ANALYSIS

Samples from 140 wells were collected for ICP/MS analysis. Samples were collected in the March through August 1987 timeframe. All samples were filtered and acidified in the field. The samples had all been previously analyzed by UST for some of the elements of interest. Samples were analyzed as received. Analytical work was performed by Dr. M. Smith and R. Lucke of the PNL Chemical Sciences Department. The instrument used was a VG PlasmaQuad Inductively Coupled Argon Plasma-Mass Spectrometer. The plasma source was operated at standard conditions (1300 watts forward power); samples were introduced into the plasma with a peristaltic pump feeding a Meinhard nebulizer. The instrument was operated in the SEMIQUANT mode with most of the periodic table surveyed. Dwell time was 0.25 sec for each mass peak selected in the library. A calibration standard called a tune solution containing known concentrations of magnesium, indium, and lead was run between every 10 samples. The tune solution was used to check instrument stability and normalize the internal library of elemental response factors. Blanks consisting of high purity water containing 1% Ultrex nitric acid were run every 10 samples as well. A series of instrument-specific Saha correction factors was used to provide a final renormalization of instrument response factors after processing. Semiquantitative data obtained in this fashion should be accurate to within a factor of 2. A final correction was

applied to the data when UST data on the same samples were available. Method detection limits (MDLs) were calculated from the average blank data. The MDLs were computed as the blank value plus twice the standard deviation in the blank. Method detection limits computed in that manner can be regarded as conservative estimates of the method sensitivity. In some cases, the MDLs were adjusted upward even further to eliminate spurious data. The method is extremely sensitive for most of the elements studied. A list of computed MDLs is presented in Table 4.2. Table 4.2 contains information on 62 trace elements. In addition, technetium-99 has a long enough half-life to be measured by this method with usable sensitivity. Uranium-235 and uranium-238 can be quantified independently providing useful isotopic ratio information.

A complete listing of the ICP/MS information can be found in Appendix D. Highlights of the results are discussed below.

A large number of elements were either below detection or present at marginally detectable levels. These elements include beryllium, cobalt, germanium, niobium, rhodium, palladium, indium, tin, silver, tellurium, cesium, hafnium, tantalum, osmium, iridium, platinum, gold, mercury, thallium, and bismuth. The lack of detection of bismuth at the 20 parts-per-trillion level of sensitivity is particularly significant because of the extensive use and environmental release of bismuth phosphate during the earliest stages of Hanford operations. A previous search for bismuth by graphite furnace atomic absorption at a detection level of 5 μg/L was uniformly negative. This work extends the level of sensitivity by more than two decades. Heavy rare earth elements (Eu-Lu) were not detected but a few samples did contain lighter rare earths, particularly La, Ce, and Nd (in wells 199-H3-2C, 399-1-9, 399-1-19, and 699-83-47). Wells containing detectable rare earth elements also showed detectable thorium.

High chromium levels were observed in numerous wells at levels similar to those reported by UST.

Bromine levels throughout the Site are extremely variable ranging from a high of 297 μg/L in the 200-West Area to less than the 7-μg/L MDL for many of the wells. The high and variable levels of bromine found put constraints

TABLE 4.2. Method Detection Limits (MDLs) for Semiquantitative Analysis by ICP/MS[a]

Element	MDL	Element	MDL
Lithium (Li)	80	Tin (Sn)	0.05
Beryllium (Be)	0.3	Antimony (Sb)	0.03
Boron (B)	50	Iodine (I)	0.5
Aluminum (Al)	2	Tellurium (Te)	0.3
Calcium (Ca)	400	Cerium (Ce)	0.2
Scandium (Sc)	0.3	Praseodymium (Pr)	0.02
Vanadium (V)	0.5	Neodymium (Nd)	0.04
Chromium (Cr)	2	Samarium (Sm)	0.04
Manganese (Mn)	1	Europium (Eu)	0.02
Iron (Fe)	160	Gadolinium (Gd)	0.05
Cobalt (Co)	0.1	Terbium (Tb)	0.02
Nickel (Ni)	4	Dysprosium (Dy)	0.02
Copper (Cu)	1	Holmium (Ho)	0.02
Zinc (Zn)	9	Erbium (Er)	0.05
Gallium (Ga)	0.05	Thulium (Tm)	0.02
Germanium (Ge)	0.3	Ytterbium (Yb)	0.06
Arsenic (As)	0.2	Lutetium (Lu)	0.02
Selenium (Se)	2	Hafnium (Hf)	0.03
Bromine (Br)	7	Tantalum (Ta)	0.01
Rubidium (Rb)	0.03	Tungsten (W)	0.2
Strontium (Sr)	0.4	Rhenium (Re)	0.03
Yttrium (Y)	0.01	Osmium (Os)	0.04
Zirconium (Zr)	0.15	Platinum (Pt)	0.04
Niobium (Nb)	0.02	Gold (Au)	0.03
Molybdenum (Mo)	0.03	Mercury (Hg)	1
Technetium-99 (Tc)	300 pCi/L	Thallium (Tl)	0.02
Ruthenium (Ru)	0.06	Lead (Pb)	0.5
Rhodium (Rh)	0.01	Bismuth (Bi)	0.02
Palladium (Pd)	0.06	Thorium (Th)	0.01
Silver (Ag)	0.08	Uranium-235 (U)	0.8
Cadmium (Cd)	0.2	Uranium-238 (U)	0.20
Indium (In)	0.1		

(a) Units in μg/L unless otherwise noted.

on the use of bromide as a ground-water tracer. The origin of the bromine is not apparent but does not appear to be related to interaquifer mixing in most cases.

Detectable zirconium was found in several wells in the 300 Area (399-1-6, 399-1-11, 399-1-13, and 399-1-19). Zirconium was detected in both the April and March 1987 samples from well 399-1-19 at approximately 20 times

the MDL. The zirconium is likely to have been introduced by the fuel fabrications operation. The levels found even at the highest point are quite low (2.9 μg/L). Well 699-83-47 was also found to contain detectable minor amounts of zirconium.

Ruthenium-101 was detected only in wells 699-49-57 and 699-50-53. Although the levels are extremely low (0.11 μg/L), this observation is of some interest because of the evidence for a cyanide-containing plume from the BY Cribs also found in those same wells. Well 699-50-53 has one of the highest technetium-99 ground-water concentrations on the Site. Because the fission yield of ruthenium-101 is approximately half that of technetium-99, the detected ruthenium is likely a stable-element fission product. This conclusion could be easily verified by an isotopic analysis of the other ruthenium isotopes because their fission yields are quite different than their natural abundances. Other anomalous ground-water effects observed in well 699-50-53 include elevated levels of calcium, iron, cobalt, selenium, bromine, strontium, yttrium, cadmium, and rhenium. The rhenium observation is particularly interesting because rhenium is frequently used as a chemical analog for technetium and thus may have been present in the BY Crib waste stream.

Well 699-83-47 also shows a large number of anomalies in the trace element chemistry of the ground water. Elements with elevated levels relative to the rest of the data set include aluminum, chromium, iron, cobalt, yttrium, zirconium, niobium, lanthanum, cerium, praseodymium, neodymium, samarium, dysprosium, lead, and thorium. That well is located near the site of the White Bluffs Pickling Acid Crib. In addition to elements contributed to the soil column from operation of the facility, drainage of sulfuric acid from the crib may have mobilized low levels of some elements from the host rock (rare earths for example).

The ICP/MS method appears to work quite well for detection of technetium-99 at levels 3 times lower than the DWS (900 pCi/L). Although relatively few technetium-99 measurements were available for comparison during the period of interest, the levels measured by ICP/MS compare well with those determined by radiochemistry where comparison is possible. In

addition, technetium-99 contamination was found in several wells not previously known to contain that contaminant (199-H4-10, 199-H4-11, 299-W12-1, and 299-W-23-3).

The ICP/MS method appears to be a very good technique for measuring uranium isotopic ratios. The uranium-235/uranium-238 ratio provides a useful signature of the source material for a uranium plume. Fuel fabrication waste is expected to be enriched in uranium-235, while uranium that has undergone a high degree of irradiation during plutonium production may be depleted in uranium-235 as a result of fission burnup. Prior measurements by direct counting have shown that uranium found in the 200-West Area ground water is somewhat depleted while uranium from the 100-H Area is enriched. The ICP/MS measurements discussed here produced a similar result with the ground-water samples from the north end of the 300 Area also showing 30 to 40% relative enrichment. That ratio is consistent with the expected enrichment for fuel fabrications waste. Samples from wells located south of the South Process Pond, however, showed isotopic abundances consistent with natural abundance. This suggests that there may be two separate plumes present in the 300 Area. The natural abundance material may have originated from the earliest fuel fabrications waste disposal operation in the 300 Area (i.e., the South Process Pond).

4.3 GAS CHROMATOGRAPHY-VOLATILE ORGANIC ANALYSIS MEASUREMENTS AT THE SOLID WASTE LANDFILL

Well 699-24-33 is located approximately 500 ft from the east fenceline of the SWL. That well was sampled for volatile organic constituents in January of 1986 as part of the 90 well Hazardous Materials Monitoring Project. 1,1,1 trichloroethane (TCA) was found in all three triplicate samples analyzed (27, 22, and 30 μg/L). Funding limitations on the project at that time prevented further followup of that observation. In 1987, the Hazardous Materials Monitoring Project was combined with the Site-Wide Ground-Water Monitoring Project and given a greatly expanded scope. Resampling of well 699-24-33 in March 1987 confirmed the presence of contamination in that area. The Central Landfill was considered as the most likely source. A request was made at that time to sample the NRDW and the newly

completed SWL wells for chlorinated hydrocarbons. Those samples taken in May and June of 1987 clearly showed the presence of chlorinated hydrocarbons downgradient of a liquid waste disposal trench in the SWL. Species detected included TCA, TCE, perchloroethylene (PCE), and 1,2 dichloroethane (DCA). Proportions of the individual species were similar to those found in nearby well 699-24-33, monitored for the Hanford Site-Wide Ground-Water Monitoring Project. Continued monitoring of those wells on nine separate samplings has clearly confirmed those results. Seven sets of samples have been collected to date through the routine ground-water sampling program. Those samples were analyzed at UST by the routine gas chromatography/mass spectrometry (GC/MS) method. Four of those sample sets included splits made at the well and sent to PNL for quality assurance/quality control purposes. The PNL method employs electron capture gas chromatography, which is at least 100 times more sensitive than the GC/MS method used by UST. In addition to the routine sampling, a special study was undertaken by PNL in June 1988 to conclusively establish the existence of the contaminant plume and verify that the sampling methods used for routine sampling produce samples representative of ground-water conditions. Details of that study are discussed below.

4.3.1 Well 699-24-33

Well 699-24-33 has been sampled nine times since early 1986. A summary of the results is given in Table 4.3. Only TCA was reported by UST in 1986 because it was not their policy at that time to report results below the contractual detection limit of 10 μg/L. Subsequent analyses are reported relative to the quantifiable detection limit for the instrument, which is estimated to be 2 μg/L for the GC/MS method. The contamination levels have been remarkably constant over a period of 2 years.

4.3.2 Well 699-24-34B

The highest chlorinated hydrocarbon levels have been found in well 699-24-34B. A summary of the measurements conducted to date on that well are included in Table 4.4. Only the three most abundant species, TCA, PCE, and TCE, are reported here. Chloroform, DCA, and carbon tetrachloride have also been detected in that well and in several others. Only TCE is present at levels of potential regulatory concern. The MCL for TCE is 5 μg/L. Three

TABLE 4.3. Chlorinated Hydrocarbon Contaminants in Well 699-24-33 (μg/L)

	1,1,1-TCA[a]		PCE[b]		TCE[c]	
Date	GC/MS[d]	GC[e]	GC/MS	GC	GC/MS	GC
1/23/86	21	NA[f]	<10	NA	<10	NA
1/23/86	23	NA	<10	NA	<10	NA
1/23/86	30	NA	<10	NA	<10	NA
3/23/87	21	NA	3	NA	4	NA
5/14/87	17	NA	3	NA	3	NA
8/25/87	18	NA	3	NA	3	NA
11/10/87	23	NA	3	NA	3	NA
2/03/88	23	NA	3	NA	3	NA
4/28/88	19	NA	3	NA	3	NA
6/29/88	NA	26	NA	3.4	NA	4.0
6/29/88	NA	27	NA	3.8	NA	4.3
7/30/88	20	23	4	3.1	3	3.9

(a) 1,1,1-TCA = 1,1,1-trichloroethane.
(b) PCE = perchloroethene.
(c) TCE = trichloroethene.
(d) GC/MS = analysis by gas chromatography/mass spectrometry method conducted by PNL. Quantifiable detection limit is estimated to be 0.02 μg/L for all three species.
(e) GC = analysis by gas chromatography method conducted by UST. Quantifiable detection limit is estimated to be 2 μg/L for all three species.
(f) NA = not applicable.

other wells at the SWL were also found to have levels of TCE slightly above the MCL. Well 699-24-34B has been included in the PNL quality assurance/quality control program this year. Several split measurements by both GC/MS (UST) and GC (PNL) are reported in Table 4.4. Agreement is excellent in all cases, although the PNL measurements in general have better precision because of the much greater sensitivity of the GC method. Measurements from UST below 10 μg/L are only reported to one significant figure because these levels are close to the detection limit.

TABLE 4.4. Chlorinated Hydrocarbon Contaminants in Well 699-24-34B (μg/L)

	1,1,1-TCA[a]		PCE[b]		TCE[c]	
Date	GC/MS[d]	GC[e]	GC/MS	GC	GC/MS	GC
5/20/87	56	NA[f]	7	NA	10	NA
6/18/87	40	NA	6	NA	8	NA
7/28/87	46	NA	5	NA	8	NA
11/15/87	64	60	8	NA	8	NA
11/15/87	61	NA	8	NA	8	NA
1/18/88	58	47	8	6.9	8	NA
4/22/88	41	55	8	8.5	6	NA
4/22/88	41	50	8	9.0	6	NA
6/27/88	NA	51	NA	9.6	NA	8.7
6/27/88	NA	50	NA	9.5	NA	8.6
7/7/88	NA	51	NA	9.6	NA	8.7
7/7/88	NA	50	NA	9.5	NA	8.6
7/27/88	34	36	7	7.6	6	5.7
7/27/88	35	NA	7	NA	5	NA

(a) 1,1,1-TCA = 1,1,1-trichloroethane.
(b) PCE = perchloroethene.
(c) TCE = trichloroethene.
(d) GC/MS = analysis by gas chromatography/mass spectrometry method conducted by PNL. Quantifiable detection limit is estimated to be 0.02 μg/L for all three species.
(e) GC = analysis by gas chromatography method conducted by UST. Quantifiable detection limit is estimated to be 2 μg/L for all three species.
(f) NA = not applicable.

4.3.3 Pacific Northwest Laboratory Special Sampling Study at the SWL

Pacific Northwest Laboratory personnel conducted a series of sampling and analysis tests at the SWL from June 27 to July 11, 1988. The purpose of the study was to 1) compare sampling methods employing centrifugal pumps, bladder pumps, and Teflon bailers; 2) obtain a full set of carefully prepared samples for high sensitivity GC analysis; 3) perform careful pH measurements on all SWL wells with a flow through pH cell; and 4) test soil-gas analysis techniques and equipment. All objectives were satisfactorily met. The pH

and soil-gas results will be discussed in detail elsewhere. Bladder pumps were added to two of the wells (699-24-34B and 699-24-35); however, the pump in well 699-24-35 did not perform satisfactorily and was not used. To facilitate rapid measurement of samples, the PNL mobile GC laboratory was moved to the SWL site. The laboratory is mounted inside a 30-ft motor home. A portable 15-kW generator was also set up at the site to provide power.

Volatile organic analysis (VOA) samples were collected in standard 40-mL VOA bottles, transferred to the motor home, and analyzed immediately. The wells were purged for time periods ranging from 20 to 40 min before collecting samples. A teeing system containing two throttling valves and a critical orifice was used to provide a low flow path for VOA samples. Samples from the centrifugal pumps were collected through a 1/4-in. Teflon tube at a flow rate of approximately 1 liter per minute. Bailer samples were taken with 1-L Teflon bailers lowered into the wells with a winch and nylon fishing line. Unused dedicated bailers were used in the study. Approximately 20 ft of fishing line was discarded after each use to avoid cross contamination.

Samples were analyzed with a Hewlett-Packard Model 5880A gas chromatograph. The GC was equipped with two identical J&W DB-624 30 m X 0.53 mm fused silica capillary columns. The DB-624 columns were coated with a cross-linked and bonded stationary phase composed of cyanopropyl, phenyl, dimethylsiloxane. The two columns were teed together at the inlet and were routed to separate electron capture (ECD) and flame ionization (FID) detectors. Sample introduction was via a Tekmar Model LSC-3 purge and trap unit. The LSC-3 contained a Tenax sorption trap. Samples were thermally desorbed from the Tenax trap and transferred to the columns through a heated transfer line. The LSC-3 was modified by adding a pneumatic valve actuator to permit full automation of the purge and trap cycle by the GC run table. The HP 5880A was equipped with two separate integrators to simultaneously integrate data from both detectors. Analytical measurements were performed in accordance with the guidelines set forth in EPA (1982), methods 8010 (Halogenated Volatile Organics) and 8015 (Nonhalogenated Organics).

Analytical results for five species of interest in nine wells are presented in Tables 4.5 to 4.9. Table 4.6 is of particular interest because it

provides rather conclusive evidence for the presence of TCE at levels somewhat above the regulatory limit; levels greater than the 5-μg/L limit were seen 25 times in four different wells in this study. Note that the regulatory limit is about 300 times the measured system blank.

In addition to the measurements reported above, a time-dependent sampling study was performed at the upgradient well, 699-24-35. The purpose of that test was to determine if purging volume has any effect on the representativeness of the results. The well was first sampled with a bailer without purge (although it had been purged 4 days earlier). The well was then sequentially purged with the centrifugal pump at a flow rate of 5 gpm for 10-min intervals. Samples were taken for VOA at the end of each 10-min interval, the pump turned off, and bailer samples taken; the pump was then restarted immediately. Times were in all cases measured from the appearance of water at the pump discharge line. The sampling continued for 1 h. Each 10-min interval corresponded to about 3.5 well bore volumes. The analytical results for 4 species are shown in Table 4.10.

4.3.4 Conclusions

The sampling program over the past 2 years has generated a large amount of chlorinated hydrocarbon data. While these data have not yet been subjected to a rigorous statistical review, a number of conclusions appear to be definitive:

1. Widespread, low-level chlorinated hydrocarbon contamination is detectable throughout the extended landfill area. The concentrations found in well 699-24-33 suggest that the contamination has been present at least since early 1986 and has undergone little change since then. The relative concentrations of contaminants in that well are similar to those in other wells closer to the landfill area.

2. Contaminants detected include chloroform, TCA, TCE, PCE, DCA, and carbon tetrachloride. Chloroform is commonly found in chlorine-treated water. It may also be a decomposition product of TCA; TCA is the most abundant species. It is commonly used as a degreaser solvent. The highest level found is only about 1/4 of the drinking water standard but could be higher closer to the source (i.e., inside the SWL). Trichloroethylene is present in four of the wells at levels slightly above the DWS. The relative concentrations of TCA, TCE, PCE, and DCA are similar in all wells tested including the Hanford Site-Wide Ground-Water Monitoring Project well and the

upgradient well. In contrast, carbon tetrachloride is relatively constant in all wells tested, although some increase was observed near the NRDW. The carbon tetrachloride data are difficult to understand without further study.

3. The three sampling methods tested (centrifugal pump, bladder pump, and bailer) produced identical results in all cases. The bladder pump was judged to be unsatisfactory for routine use because of the high instantaneous flows produced during each pulse; however, the results showed little sensitivity to such effects.

4. Purge volume had little effect on results for the centrifugal pump. The bailer samples did show a small increase after the first 40 min of purge. The reason for the difference is unclear. During routine sampling the wells are purged for 20 min before sampling.

TABLE 4.5. 1,1,1-Trichloroethane Results (μg/L)

Well Number	Date Collected	Centrifugal Pump	Bladder Pump	Bailer
699-25-34C	6/29/88	5.9	NA(a)	6.1
699-25-34C	6/29/88	5.9	NA	6.1
699-24-34C	6/27/88	33	NA	35
699-24-34C	6/27/88	33	NA	34
699-24-34B	6/27/88	51	48	NA
699-24-34B	6/27/88	50	47	56
699-24-34B	7/07/88	52	49	52
699-24-34B	7/07/88	53	53	50
699-24-34B	7/07/88	52(b)	50(b)	48(b)
699-24-34A	6/27/88	40	NA	43
699-24-34A	6/27/88	NA	NA	44
699-23-34	6/29/88	49	NA	46
699-23-34	6/29/88	50	NA	49
699-24-33	6/29/88	26	NA	24
699-24-33	6/29/88	27	NA	26
699-24-35	7/11/88	4.1	NA	4.3
699-24-35	7/11/88	4.1	NA	4.1
699-25-34B	7/11/88	3.6	NA	NA
699-25-34B	7/11/88	3.5	NA	NA
699-26-33	7/11/88	0.85	NA	NA
699-26-33	7/11/88	0.85	NA	NA
System Blank		0.014		

(a) NA = not applicable.
(b) 5-mL glass sampling syringe filled at well.

TABLE 4.6. 1,1,2-Trichloroethene Results (μg/L)

Well Number	Date Collected	Centrifugal Pump	Bladder Pump	Bailer
699-25-34C	6/29/88	1.05	NA[a]	1.04
699-25-34C	6/29/88	1.05	NA	1.07
699-24-34C	6/27/88	5.3	NA	5.7
699-24-34C	6/27/88	5.4	NA	5.6
699-24-34B	6/27/88	8.7	8.2	NA
699-24-34B	6/27/88	8.6	8.1	9.4
699-24-34B	7/07/88	8.1	8.8	8.1
699-24-34B	7/07/88	8.1	8.2	8.0
699-24-34B	7/07/88	8.2[b]	7.8[b]	7.6[b]
699-24-34A	6/27/88	7.9	NA	8.4
699-24-34A	6/27/88	NA	NA	8.6
699-23-34	6/29/88	8.8	NA	8.3
699-23-34	6/29/88	9.0	NA	9.0
699-24-33	6/29/88	4.0	NA	3.6
699-24-33	6/29/88	4.3	NA	4.0
699-24-35	7/11/88	0.54	NA	0.59
699-24-35	7/11/88	0.55	NA	0.57
699-25-34B	7/11/88	0.65	NA	NA
699-25-34B	7/11/88	0.63	NA	NA
699-26-33	7/11/88	0.21	NA	NA
699-26-33	7/11/88	0.21	NA	NA
System Blank		0.017		

(a) NA = not applicable.
(b) 5-mL glass sampling syringe filled at well.

TABLE 4.7. 1,1,2,2-Tetrachloroethene Results (μg/L)

Well Number	Date Collected	Centrifugal Pump	Bladder Pump	Bailer
699-25-34C	6/29/88	0.70	NA(a)	0.70
699-25-34C	6/29/88	0.70	NA	0.75
699-24-34C	6/27/88	5.6	NA	6.2
699-24-34C	6/27/88	5.7	NA	5.9
699-24-34B	6/27/88	9.6	9.0	NA
699-24-34B	6/27/88	9.5	8.8	10.0
699-24-34B	7/07/88	8.6	8.0	8.6
699-24-34B	7/07/88	8.6	8.6	8.6
699-24-34B	7/07/88	8.6(b)	8.0(b)	7.6(b)
699-24-34A	6/27/88	7.0	NA	7.2
699-24-34A	6/27/88	NA	NA	7.4
699-23-34	6/29/88	7.8	NA	7.4
699-23-34	6/29/88	8.2	NA	8.0
699-24-33	6/29/88	3.4	NA	3.3
699-24-33	6/29/88	3.8	NA	3.6
699-24-35	7/11/88	0.54	NA	0.58
699-24-35	7/11/88	0.55	NA	0.55
699-25-34B	7/11/88	0.55	NA	NA
699-25-34B	7/11/88	0.51	NA	NA
699-26-33	7/11/88	0.092	NA	NA
699-26-33	7/11/88	0.090	NA	NA
System Blank		0.003		

(a) NA = not applicable.
(b) 5-mL glass sampling syringe filled at well.

TABLE 4.8. Chloroform Results (μg/L)

Well Number	Date Collected	Centrifugal Pump	Bladder Pump	Bailer
699-25-34C	6/29/88	0.33	NA(a)	0.34
699-25-34C	6/29/88	0.34	NA	0.35
699-24-34C	6/27/88	0.99	NA	1.00
699-24-34C	6/27/88	0.88	NA	0.98
699-24-34B	6/27/88	1.29	1.33	NA
699-24-34B	6/27/88	1.33	1.28	2.06
699-24-34B	7/7/88	1.59	1.40	1.44
699-24-34B	7/7/88	1.52	1.46	1.51
699-24-34B	7/7/88	1.46(b)	1.17(b)	1.47(b)
699-24-34A	6/27/88	1.12	NA	1.10
699-24-34A	6/27/88	1.02	NA	1.19
699-23-34	6/29/88	1.40	NA	1.48
699-23-34	6/29/88	1.35	NA	1.58
699-24-33	6/29/88	0.80	NA	0.60
699-24-33	6/29/88	0.82	NA	0.92
699-24-35	7/11/88	0.15	NA	0.15
699-24-35	6/11/88	0.15	NA	0.14
699-25-34B	7/11/88	0.34	NA	NA
699-25-34B	7/11/88	0.33	NA	NA
699-26-33	7/11/88	0.17	NA	NA
699-26-33	7/11/88	0.18	NA	NA
System Blank	0.040			

(a) NA = not applicable.
(b) 5-mL glass sampling syringe filled at well.

TABLE 4.9. Carbon Tetrachloride Results (μg/L)

Well Number	Date Collected	Centrifugal Pump	Bladder Pump	Bailer
699-25-34C	6/29/88	0.72	NA(a)	0.66
699-25-34C	6/29/88	0.70	NA	0.66
699-24-34C	6/27/88	0.33	NA	0.27
699-24-34C	6/27/88	0.27	NA	0.30
699-24-34B	6/27/88	0.30	0.26	0.37
699-24-34B	6/27/88	0.26	0.23	0.29
699-24-34B	7/7/88	0.28	0.32	0.27
699-24-34B	7/7/88	0.28	0.29	0.27
699-24-34B	7/7/88	0.30(b)	0.29(b)	0.27(b)
699-24-34A	6/27/88	0.26	NA	0.25
699-24-34A	6/27/88	0.23	NA	0.26
699-23-34	6/29/88	0.28	NA	0.26
699-23-34	6/29/88	0.31	NA	0.30
699-24-33	6/29/88	0.41	NA	0.43
699-24-33	6/29/88	0.43	NA	0.40
699-24-35	7/11/88	0.30	NA	0.31
699-24-35	7/11/88	0.31	NA	0.31
699-25-34B	7/11/88	0.82	NA	NA
699-25-34B	7/11/88	0.80	NA	NA
699-26-33	7/11/88	0.43	NA	NA
699-26-33	7/11/88	0.43	NA	NA
System Blank		<0.003		

(a) NA = not applicable.
(b) 5-mL glass sampling syringe filled at well.

TABLE 4.10. Chlorinated Hydrocarbons Collected by Sequential Purging of Well 699-24-35[a]

Purge Time, min	TCA[b]		TCE[c]		PCE[d]		CCl_4[e]	
	Pump	Bailer	Pump	Bailer	Pump	Bailer	Pump	Bailer
0	NA[f]	3.51	NA	0.45	NA	0.42	NA	0.31
0	NA	3.50	NA	0.45	NA	0.42	NA	0.31
10	3.94	3.85	0.53	0.52	0.51	0.51	0.32	0.30
10	3.95	3.97	0.53	0.52	0.52	0.50	0.32	0.31
20	4.03	4.12	0.54	0.55	0.51	0.54	0.30	0.30
20	4.18	4.17	0.56	0.53	0.55	0.53	0.32	0.29
30	4.09	4.29	0.54	0.59	0.54	0.58	0.30	0.31
30	4.11	4.13	0.55	0.57	0.55	0.55	0.31	0.31
40	4.07	4.18	0.54	0.55	0.53	0.53	0.31	0.29
40	4.13	4.07	0.55	0.54	0.53	0.53	0.32	0.29
50	4.18	5.24	0.55	0.73	0.52	0.74	0.30	0.30
50	4.16	5.41	0.55	0.77	0.54	0.80	0.31	0.28
60	4.15	5.52	0.55	0.77	0.53	0.79	0.32	0.29
60	4.04	5.46	0.55	0.76	0.53	0.81	0.31	0.29

(a) All results in μg/L unless otherwise noted.
(b) TCA = trichloroethane.
(c) TCE = trichloroethene.
(d) PCE = perchloroethene.
(e) CCl_4 = carbon tetrachloride.
(f) NA = not applicable.

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APPENDIX A

WATER LEVELS MEASURED DURING JUNE 1988

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APPENDIX A

WATER LEVELS MEASURED DURING JUNE 1988

This appendix contains water levels measured in unconfined aquifer wells in June 1988.

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TABLE A.1. Hanford Water Level Measurements in the Unconfined Aquifer, June 1988

Well Number	Date	Elevation of Casing, ft Above MSL	Depth to Water, ft	Water Table Elevation, ft Above MSL
199-B04-01	06/16/88	461.80	63.11	398.69
199-D02-05	06/14/88	460.87	74.32	386.55
199-F05-01	06/14/88	406.56	36.36	370.20
199-H03-01	06/14/88	421.98	45.74	376.24
199-K00-11	06/16/88	467.65	73.86	393.79
299-E13-10	06/22/88	737.70	333.36	404.34
299-E13-12	06/22/88	733.49	327.69	405.80
299-E13-14	06/22/88	745.37	339.62	405.75
299-E17-05	06/10/88	718.65	314.17	404.48
299-E17-08	06/10/88	718.73	313.74	404.99
299-E23-01	06/10/88	709.65	304.27	405.38
299-E23-02(O)	06/10/88	721.26	315.56	405.70
299-E24-02	06/10/88	717.19	312.68	404.51
299-E24-04	06/10/88	697.00	291.50	405.50
299-E25-04	06/30/88	659.39	252.41	406.98
299-E25-11	06/21/88	681.28	275.68	405.60
299-E25-19	06/21/88	677.20	272.03	405.17
299-E25-21	06/21/88	677.27	271.32	405.95
299-E25-25	06/21/88	669.42	261.84	407.58
299-E25-26	06/22/88	668.51	262.18	406.37
299-E25-27	06/21/88	676.13	269.61	406.52
299-E26-01	06/09/88	617.25	211.68	406.17
299-E26-04	06/21/88	645.82	239.52	406.30
299-E27-01	06/10/88	681.05	275.55	405.50
299-E28-07	06/13/88	685.91	281.36	404.55
299-E28-12	06/13/88	708.60	303.08	405.52
299-E28-17	06/10/88	708.56	302.35	406.21
299-E28-18	06/13/88	692.58	287.50	405.08
299-E32-01	06/09/88	656.17	251.11	405.06
299-E33-07	06/21/88	626.58	221.68	404.90
299-E33-08	06/09/88	651.03	245.69	405.34
299-E33-14	06/09/88	622.12	216.80	405.32
299-E33-17	06/21/88	631.65	226.44	405.21
299-E33-21	06/21/88	668.40	263.08	405.32
299-E34-01	06/09/88	629.42	224.00	405.42
299-E34-05	06/09/88	590.79	184.86	405.93
299-E34-06	06/09/88	579.83	192.69	405.14
299-W10-02	06/14/88	674.33	207.12	467.21
299-W10-05	06/14/88	672.31	204.46	467.85
299-W10-08	06/21/88	680.33	213.99	466.34
299-W11-07	06/22/88	709.11	243.48	465.63
299-W11-09	06/13/88	722.94	261.55	461.39
299-W11-10	06/13/88	728.89	270.18	458.71
299-W11-12	06/14/88	679.58	212.38	467.20
299-W11-13	06/14/88	692.27	223.92	468.35
299-W11-23	06/21/88	685.86	219.66	466.20
299-W12-01	06/13/88	726.46	273.25	453.21

TABLE A.1. (contd)

Well Number	Date	Elevation of Casing, ft Above MSL	Depth to Water, ft	Water Table Elevation, ft Above MSL
299-W14-01	06/14/88	668.83	199.82	468.96
299-W15-02	06/22/88	693.51	225.42	468.09
299-W15-04	06/14/88	662.00	191.04	470.96
299-W15-05	06/16/88	670.95	199.74	471.21
299-W15-10	06/22/88	676.00	206.88	469.12
299-W18-15	06/21/88	660.96	189.24	471.72
299-W19-01	06/15/88	674.04	199.72	474.32
299-W19-02	06/16/88	694.04	231.07	462.97
299-W19-03	06/21/88	695.12	227.43	467.69
299-W19-04	06/15/88	715.52	252.90	462.62
299-W19-13	06/15/88	695.08	227.84	467.24
299-W19-14	06/15/88	693.21	225.77	467.44
299-W19-15	06/15/88	693.28	225.19	468.09
299-W19-19	06/21/88	694.90	232.97	461.93
299-W21-01	06/16/88	699.26	241.59	457.67
299-W22-07	06/16/88	697.41	224.77	462.64
299-W22-17	06/21/88	672.09	204.82	467.27
299-W22-22	06/16/88	690.38	227.93	462.45
299-W23-04	06/20/88	662.82	192.12	470.70
299-W23-11	06/09/88	664.14	195.38	468.76
399-08-01	06/03/88	394.87	51.36	343.51
699-02-03	06/03/88	477.14	87.28	389.86
699-03-45	06/17/88	504.54	93.23	411.30
699-08-17	06/07/88	522.44	123.62	398.82
699-08-25	06/20/88	509.30	108.95	400.35
699-09-E02	06/03/88	418.09	46.20	371.89
699-10-54	06/17/88	516.40	103.52	412.88
699-10-E12	06/03/88	430.86	73.63	357.23
699-11-45A	06/17/88	578.58	167.33	411.25
699-14-38	06/20/88	514.89	110.83	404.06
699-14-47	06/17/88	587.23	175.68	411.55
699-14-E6T	06/03/88	458.38	95.12	363.26
699-15-15A	06/09/88	547.14	148.24	398.90
699-15-26	06/20/88	523.83	121.63	402.20
699-17-05	06/09/88	433.13	44.94	388.25
699-17-70	06/17/88	563.18	88.94	474.24
699-19-43	06/17/88	551.58	146.51	405.07
699-20-20	06/02/88	505.58	103.17	402.41
699-20-39	06/02/88	539.98	135.39	404.59
699-20-E12	06/09/88	437.25	79.74	357.51
699-21-17	06/09/88	527.31	128.98	398.33
699-24-01T	06/09/88	475.54	99.12	376.42
699-24-33	06/02/88	524.21	119.96	404.25
699-25-55	06/14/88	676.55	262.80	413.75
699-25-70	06/09/88	629.56	180.12	449.44
699-26-15	06/30/88	442.64	43.15	399.49
699-27-08	06/09/88	465.67	70.62	395.05

TABLE A.1. (contd)

Well Number	Date	Elevation of Casing, ft Above MSL	Depth to Water, ft	Water Table Elevation, ft Above MSL
699-28-40	06/02/88	559.44	154.59	404.85
699-28-52A	06/14/88	684.67	278.18	406.49
699-29-78	06/09/88	647.05	181.64	465.41
699-31-31	06/02/88	529.32	125.01	404.31
699-32-22	06/13/88	517.55	115.44	402.11
699-32-43	06/10/88	516.62	111.53	405.09
699-32-62	06/09/88	707.09	277.67	429.42
699-32-70B	06/09/88	666.61	213.74	452.87
699-32-72	06/09/88	668.16	212.77	455.39
699-32-77	06/09/88	653.74	189.64	464.10
699-33-42	06/10/88	516.00	110.82	405.18
699-33-56	06/16/88	717.03	310.76	406.27
699-34-39A	06/02/88	537.07	132.09	404.98
699-34-41	06/10/88	570.89	165.67	405.22
699-34-42	06/10/88	540.20	135.00	405.20
699-34-51	06/14/88	736.76	331.38	405.73
699-34-88	06/07/88	632.82	161.49	470.85
699-35-09	06/09/88	499.83	113.45	386.60
699-35-66	06/08/88	725.65	285.68	439.97
699-35-70	06/08/88	693.72	241.00	452.72
699-35-78A	06/09/88	660.65	191.81	468.84
699-36-61A	06/09/88	748.11	338.89	409.22
699-36-93	06/12/88	644.77	171.42	473.35
699-37-43	06/10/88	690.17	284.52	406.06
699-37-82A	06/16/88	636.75	167.47	469.28
699-38-65	06/09/88	753.33	322.45	430.88
699-38-70	06/08/88	710.67	256.01	454.66
699-39-39	06/15/88	536.65	116.32	420.33
699-39-79	06/20/88	673.52	203.91	469.61
699-40-01	06/10/88	438.71	75.30	363.41
699-40-33A	06/13/88	518.05	106.89	411.16
699-40-62A	06/07/88	747.78	430.40	407.38
699-41-23	06/13/88	466.50	67.50	399.00
699-42-12A	06/10/88	514.27	138.02	376.25
699-42-40B	06/13/88	546.46	121.98	424.48
699-43-104	06/17/88	766.07	262.83	503.24
699-43-42	06/14/88	564.48	143.63	420.85
699-43-89	06/07/88	644.15	176.46	467.69
699-44-64	06/09/88	725.60	317.46	408.14
699-45-42	06/14/88	577.33	158.37	418.96
699-45-69	06/07/88	725.46	275.00	449.54
699-46-21	06/13/88	522.02	130.54	391.48
699-47-35B	06/13/88	476.65	63.04	413.61
699-47-46	06/14/88	580.14	173.71	406.43
699-47-60	06/15/88	649.84	245.32	404.52
699-48-07	06/08/88	384.72	26.23	358.49
699-48-71	06/15/88	688.15	240.77	447.38

TABLE A.1. (contd)

Well Number	Date	Elevation of Casing, ft Above MSL	Depth to Water, ft	Water Table Elevation, ft Above MSL
699-49-13F	06/08/88	412.72	51.41	361.31
699-49-28	06/08/88	535.40	141.39	394.01
699-49-55A	06/16/88	530.14	125.16	404.98
699-49-57	06/16/88	55.00	148.00	404.81
699-49-79	06/16/88	688.59	230.82	457.77
699-50-28B	06/08/88	537.30	143.75	393.55
699-50-30	06/08/88	528.84	135.05	393.79
699-50-42	06/10/88	466.84	55.36	411.48
699-50-53	06/16/88	556.30	151.67	404.63
699-50-85	06/16/88	739.35	282.32	457.03
699-51-63	06/17/88	571.84	165.33	406.68
699-51-75	06/17/88	641.51	190.75	450.76
699-52-19	06/08/88	411.08	49.56	361.52
699-53-35	06/08/88	530.99	134.05	396.94
699-53-47A	06/10/88	438.28	31.84	406.44
699-53-47B	06/20/88	438.58	32.14	406.44
699-53-48A	06/20/88	44.00	37.79	405.06
699-53-48B	06/20/88	442.71	37.84	404.87
699-53-55B	06/20/88	576.16	172.56	403.60
699-53-55C	06/20/88	576.08	172.23	403.85
699-54-19	06/08/88	383.60	21.99	361.61
699-54-48	06/20/88	457.02	53.23	403.79
699-55-21	06/08/88	395.96	35.59	360.37
699-55-40	06/17/88	543.13	133.24	409.89
699-55-50C	06/20/88	444.43	40.65	403.78
699-55-70	06/15/88	569.03	136.16	432.87
699-55-76	06/17/88	583.24	138.20	445.04
699-55-89	06/06/88	617.43	162.44	454.99
699-55-95	06/07/88	777.05	310.79	466.26
699-57-25A	06/08/88	414.57	50.60	363.97
699-57-29B	06/10/88	416.18	54.45	361.73
699-57-83	06/15/88	577.96	144.70	433.26
699-58-24	06/08/88	418.80	57.19	361.61
699-59-32	06/10/88	424.29	62.27	362.02
699-59-58	06/06/88	497.77	94.83	402.94
699-59-80B	06/15/88	583.25	155.64	427.61
699-60-32	06/10/88	424.30	63.47	361.83
699-60-60	06/06/88	512.03	108.44	403.59
699-61-37	06/10/88	442.94	60.73	382.21
699-61-41	06/10/88	428.92	32.49	396.43
699-61-62	06/06/88	497.51	94.00	403.51
699-61-66	06/06/88	522.18	119.69	402.49
699-62-31	06/10/88	434.12	72.34	361.78
699-62-43A	06/10/88	432.30	35.52	396.78
699-63-25A	06/13/88	396.15	33.87	361.28
699-63-51	06/10/88	424.54	23.86	400.68
699-63-58	06/06/88	491.90	89.80	402.10

TABLE A.1. (contd)

Well Number	Date	Elevation of Casing, ft Above MSL	Depth to Water, ft	Water Table Elevation, ft Above MSL
699-63-90	06/06/88	509.73	111.65	398.08
699-64-27	06/13/88	414.29	52.56	361.73
699-64-62	06/16/88	500.25	98.50	401.75
699-65-50	06/10/88	467.06	66.77	400.69
699-65-59A	06/14/88	506.96	105.31	401.65
699-65-72	06/06/88	540.28	140.83	399.45
699-65-83	06/06/88	485.63	87.18	398.45
699-65-95	06/16/88	452.26	53.49	398.77
699-66-103	06/16/88	463.01	65.76	397.25
699-66-23	06/13/88	389.01	26.96	362.05
699-66-38	06/13/88	436.20	33.02	403.18
699-66-39	06/13/88	453.70	47.25	406.45
699-66-58	06/14/88	503.33	101.82	401.51
699-66-64	06/16/88	505.92	104.91	401.01
699-66-91	06/16/88	467.75	68.19	399.56
699-67-51	06/20/88	524.59	123.82	400.77
699-67-86	06/16/88	472.39	74.01	398.38
699-67-98	06/16/88	455.47	57.37	398.10
699-68-105	06/16/88	451.85	56.21	395.64
699-69-38	06/13/88	422.93	21.40	401.53
699-69-45(O)	06/13/88	487.18	87.15	400.03
699-70-23	06/13/88	391.71	29.07	362.64
699-70-68	06/16/88	526.21	126.38	399.83
699-71-30	06/13/88	400.68	29.92	370.76
699-71-52	06/10/88	523.04	122.87	400.17
699-71-77	06/16/88	472.28	75.74	396.97
699-72-73	06/16/88	482.57	84.81	397.76
699-72-88	06/16/88	437.37	36.88	400.49
699-72-92	06/06/88	452.22	52.58	399.64
699-74-44	06/13/88	445.18	48.03	397.15
699-74-48	06/13/88	487.18	88.13	399.05
699-77-36	06/13/88	412.28	35.71	376.56
699-77-54	06/14/88	480.59	82.22	398.37
699-78-62	06/14/88	469.88	73.50	396.38
699-81-38	06/13/88	406.47	26.97	379.50
699-82-45A	06/04/88	413.73	24.40	389.33
699-83-47	06/14/88	435.27	45.88	389.39
699-86-42	06/14/88	409.92	25.00	384.92
699-87-55	06/14/88	458.63	70.30	388.33
699-89-35	06/14/88	397.46	26.43	371.03
699-90-45	06/14/88	422.15	37.32	384.83
699-91-37	06/14/88	422.93	49.50	373.43
699-92-49	06/14/88	432.00	48.42	383.58
699-97-43	06/14/88	421.81	43.06	378.75
699-S03-25	06/07/88	523.50	124.15	399.35
699-S03-E12	06/03/88	397.90	43.74	354.16
699-S06-E04D	06/03/88	430.47	58.44	372.03

TABLE A.1. (contd)

Well Number	Date	Elevation of Casing, ft Above MSL	Depth to Water, ft	Water Table Elevation, ft Above MSL
699-S06-E14A	06/03/88	378.29	27.97	350.32
699-S07-34	06/17/88	527.12	119.59	407.53
699-S08-19	06/07/88	503.81	107.73	396.08
699-S12-03	06/03/88	435.52	55.53	379.99
699-S12-29	06/17/88	487.68	83.03	404.65
699-S14-20	06/07/88	492.74	92.02	400.72
699-S18-E02A	06/03/88	434.85	75.58	359.27
699-S19-E13	06/03/88	394.55	49.63	344.92
699-S29-E12	06/02/88	387.97	42.86	345.11
699-S30-E15A	06/07/88	400.39	57.29	343.10
699-S31-01	06/02/88	460.11	81.74	378.37

APPENDIX B

MAPS OF OPERATIONAL AND FACILITY-SPECIFIC MONITORING WELL NETWORKS

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APPENDIX B

MAPS OF OPERATIONAL AND FACILITY-SPECIFIC MONITORING WELL NETWORKS

Figures B.1 through B.10 (foldouts) are maps of the operational and facility-specific monitoring well networks.

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BUILDING LIST

BUILDING NUMBER	DESCRIPTION
1038	FUEL STORAGE BUILDING & RIGGER LOFT
1048-1	STORAGE BUILDING
1048-2	STORAGE BUILDING
1058	REACTOR BUILDING
1108	PRESSURE STORAGE-STRUCTURE
1158	GAS RECIRCULATION BUILDING
1168	REACTOR STACK STRUCTURE
1178	EXHAUST AIR FILTER BUILDING
1198	EXHAUST AIR SAMPLE BUILDING
1058	WATER LABORATORY-STRIPPED
1519	PRIMARY SUBSTATION-RHO
1818	RIVER PUMP HOUSE-RHO
1878	FILTER PLANT-STRIPPED
1838	FILTER PLANT-STRIPPED
1908	PUMP HOUSE-STRIPPED
16718	EMERGENCY ALTERNATOR-STRIPPED
17018A	LUNCH ROOM-1
105C	REACTOR BUILDING
117C	EXHAUST AIR FILTER BUILDING
183C	FILTER PLANT FACILITY
190C	MAIN PUMP HOUSE
1707C	BADGE HOUSE
1713C	SOLVENT STORAGE

RADIOLOGICAL UNDERGROUND SITES (RETIRED)

118-B-1	B-BURIAL GROUND
118-C-1	C-BURIAL GROUND
118-B-2	CONSTRUCTION BURIAL GROUND
118-B-3	CONSTRUCTION BURIAL GROUND
107-C	C RETENTION BASIN
107-B	B RETENTION BASIN
118-B-4	DUMMY BURIAL
118-B-5	BALL X BURIAL GROUND
116-B-1	B-LIQUID TRENCH
116-C-1	C-LIQUID TRENCH
116-B-6	131-B PAD AND CRIB
116-C-3	LIQUID TRENCH
116-C-2	PLUTO CRIB
116-B-5	108 CRIB
118-B-6	108 BURIAL GROUND
116-B-2	B STORAGE BASIN CRIB
116-B-4	DUMMY DECONTAMINATION CRIB
116-C-2	CHEMICAL WASTE TANK

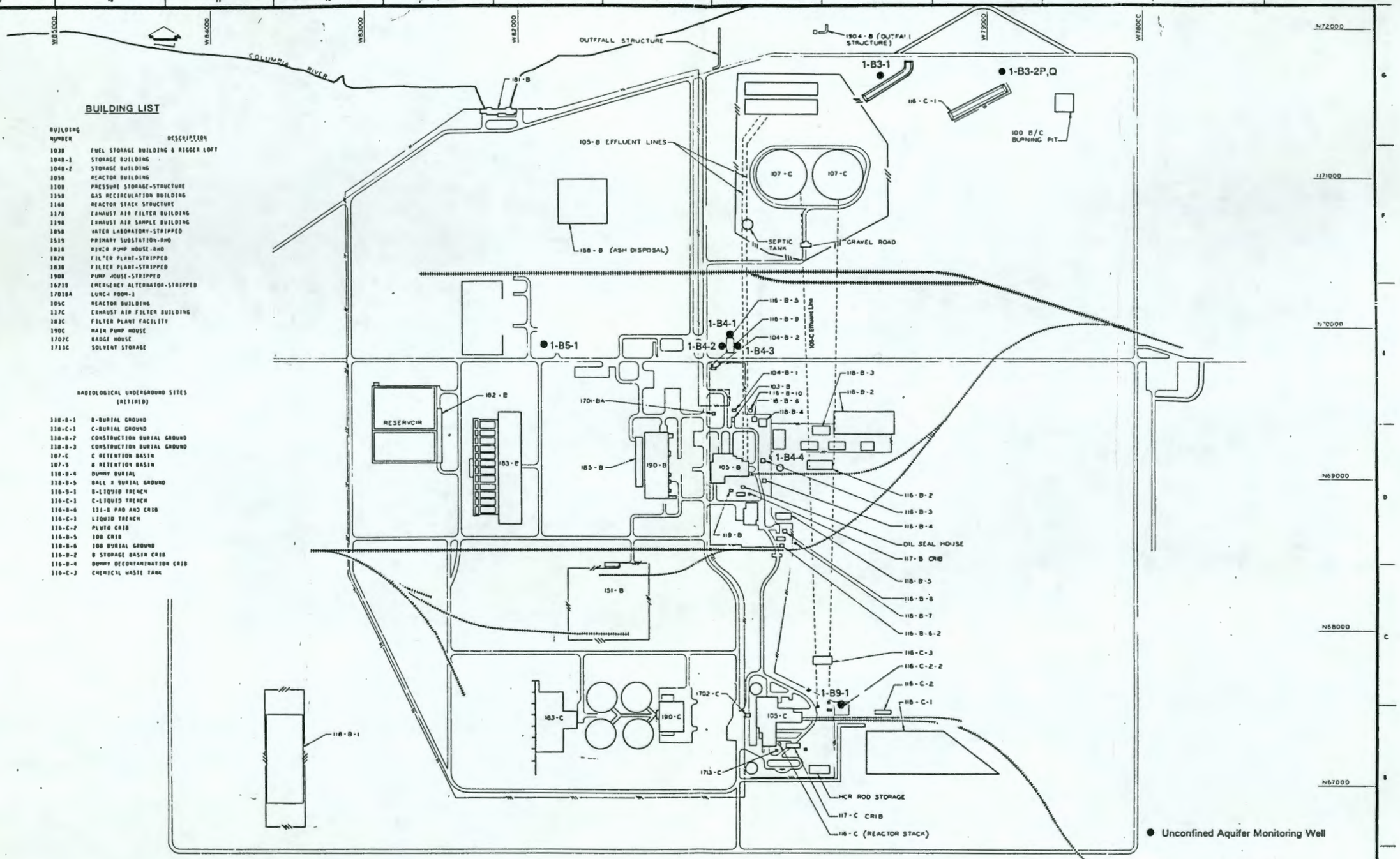

FIGURE B.1. Location of 100-B Area Ground-Water Monitoring Wells Sampled During January Through June 1988

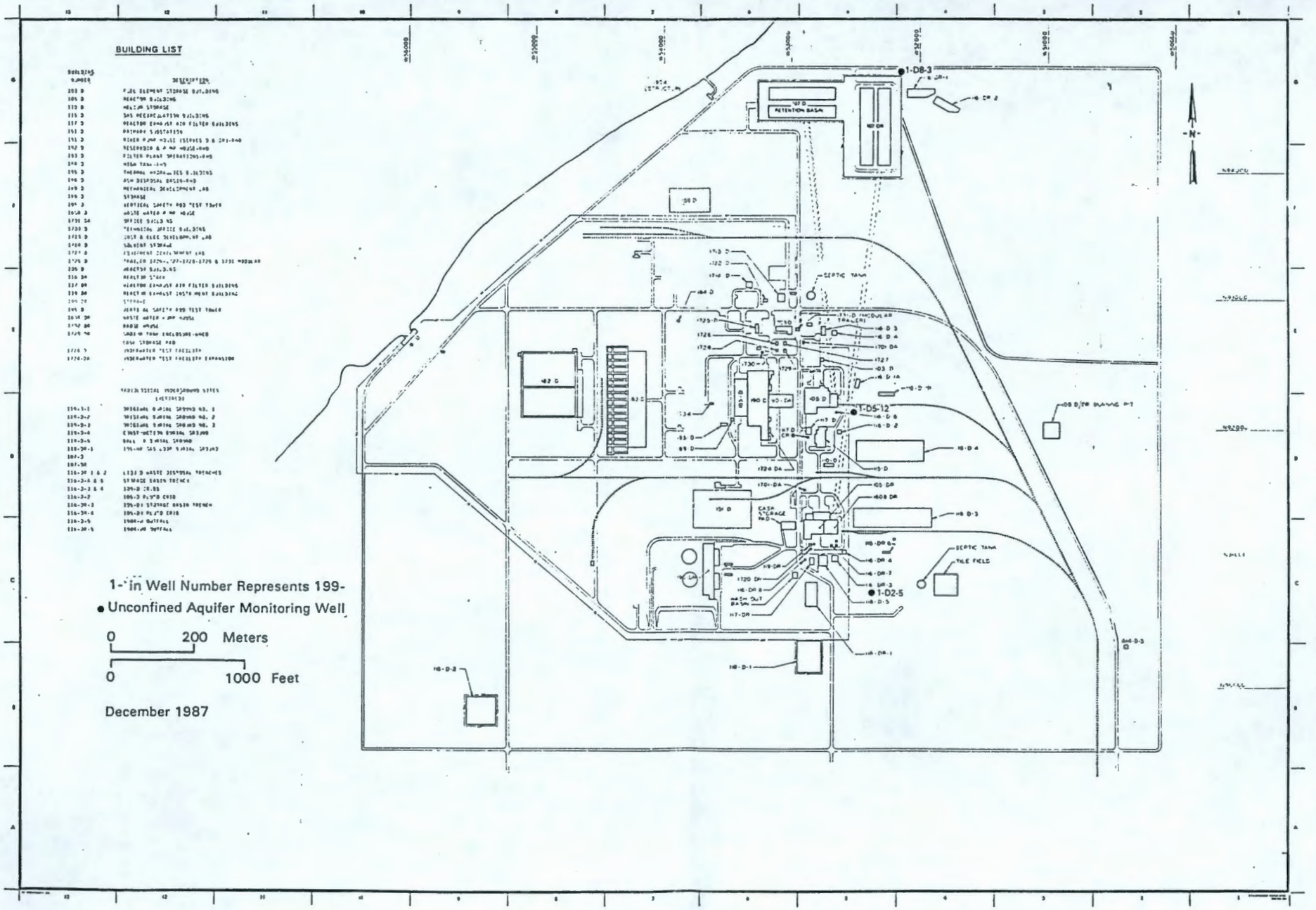

FIGURE B.2. Location of 100-D Area Ground-Water Monitoring Wells Sampled During January Through June 1988

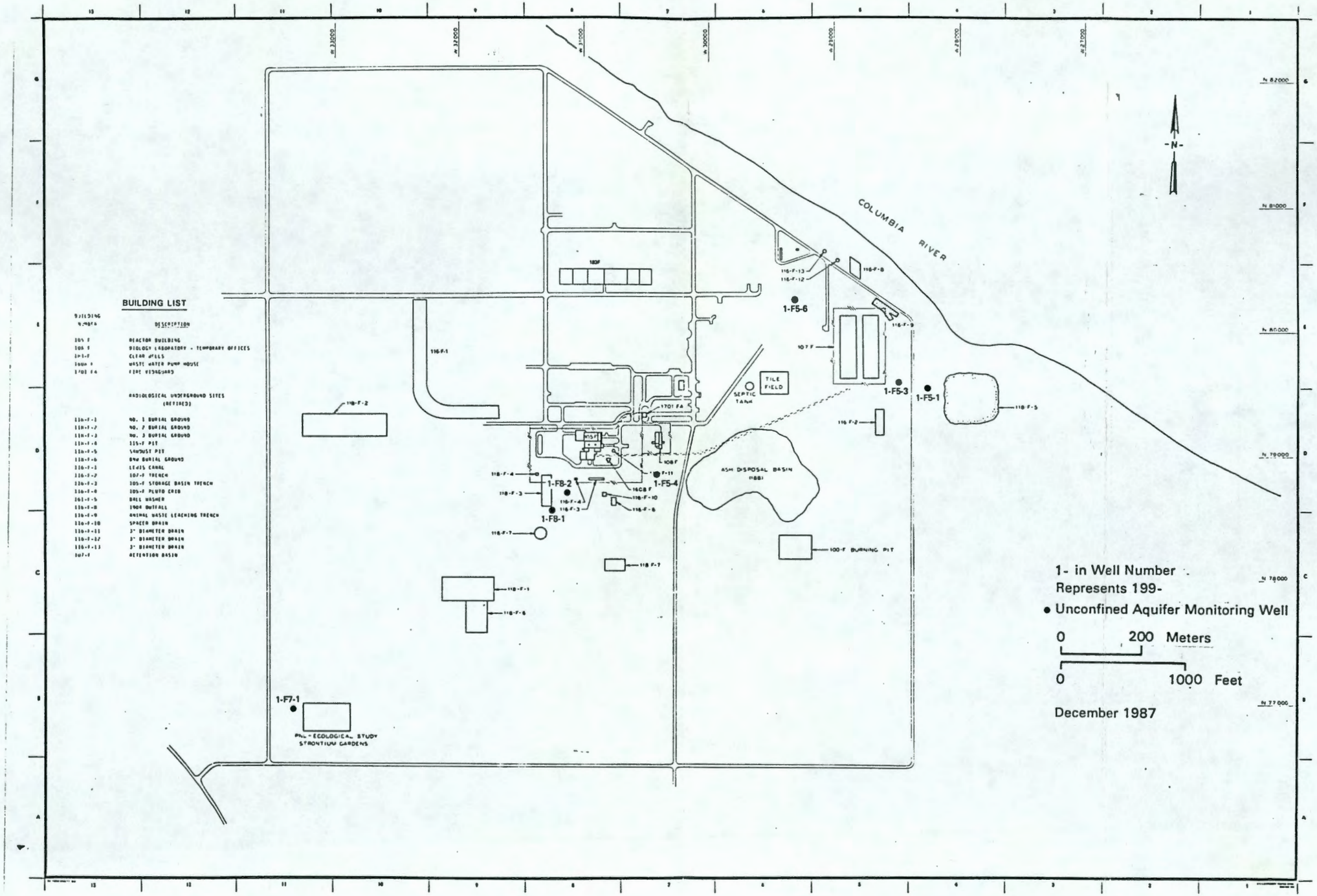

FIGURE B.3. Location of 100-F Area Ground-Water Monitoring Wells Sampled During January Through June 1988

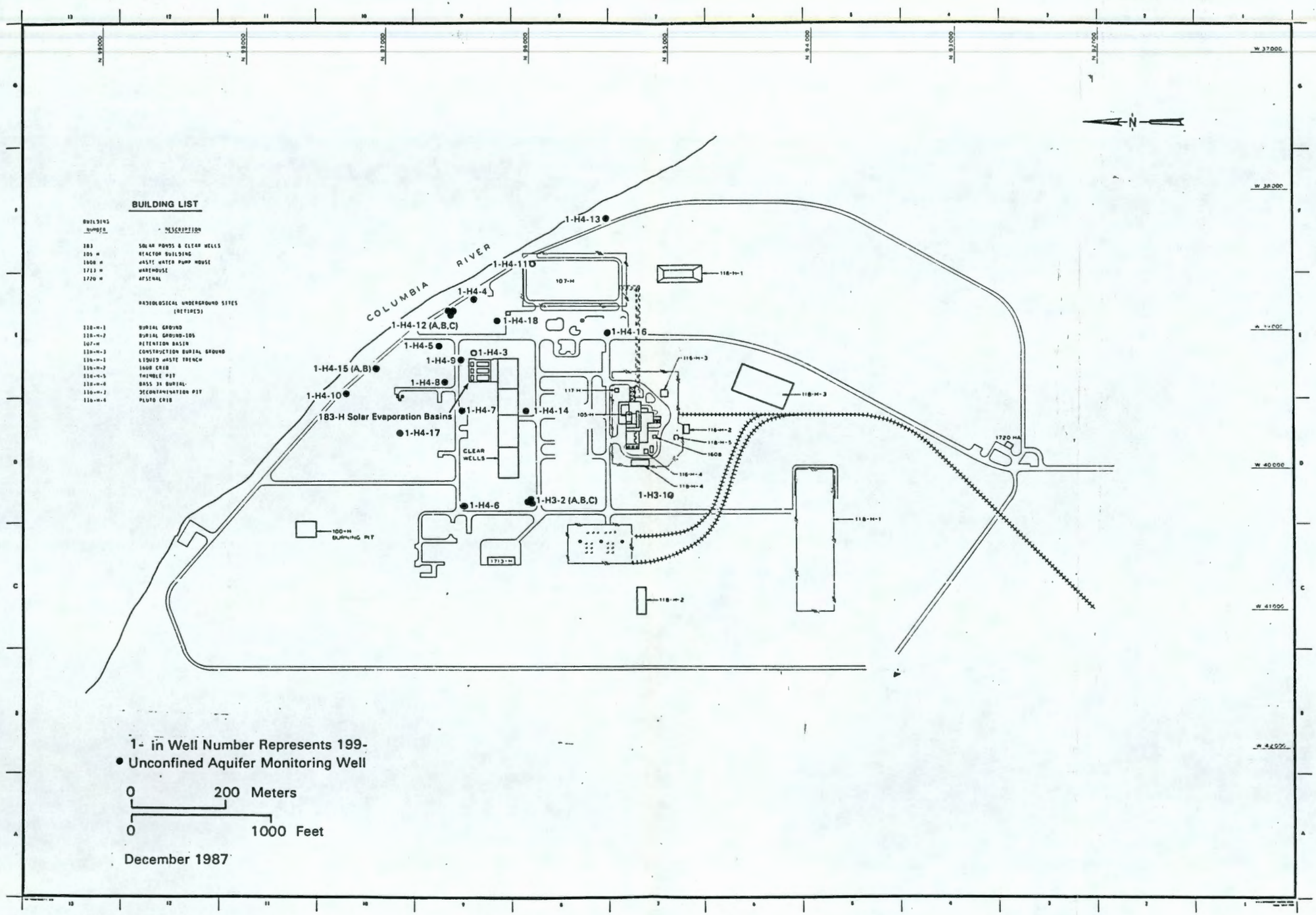

FIGURE B.4. Location of 100-H Area Ground-Water Monitoring Wells Sampled During January Through June 1988

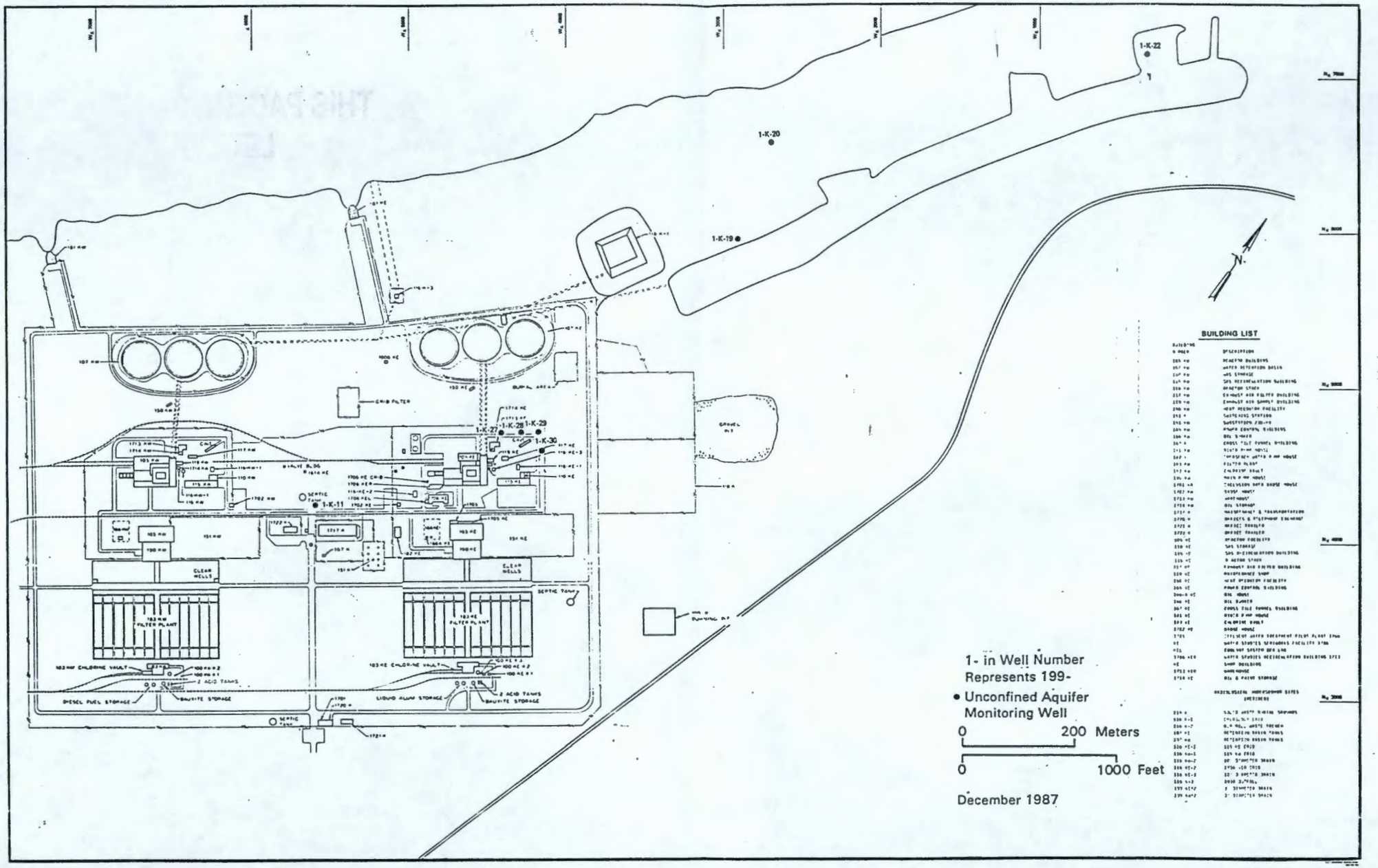

FIGURE B.5. Location of 100-K Area Ground-Water Monitoring Wells Sampled During January Through June 1988

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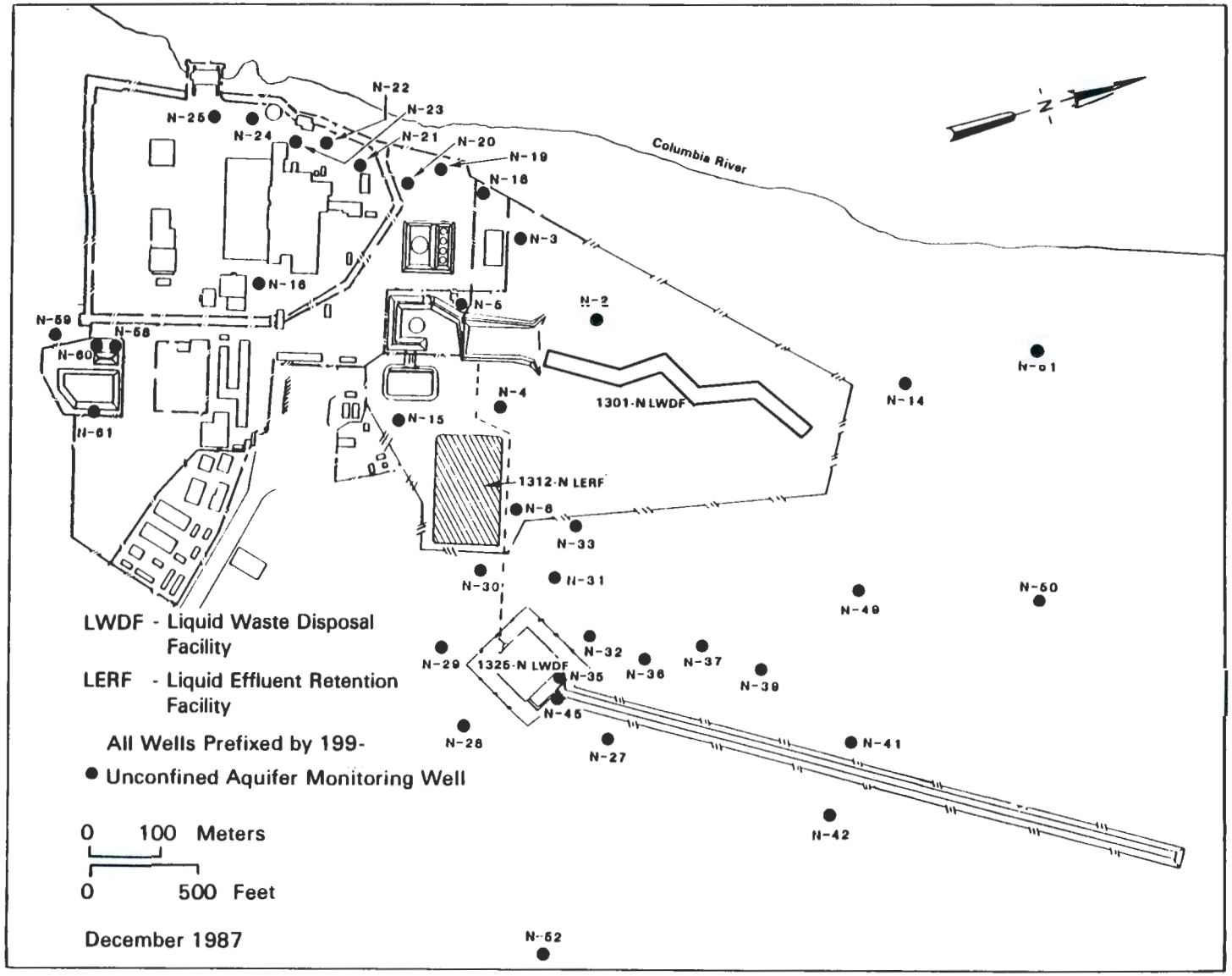

FIGURE B.6. Location of 100-N Area Ground-Water Monitoring Wells Sampled During January Through June 1988

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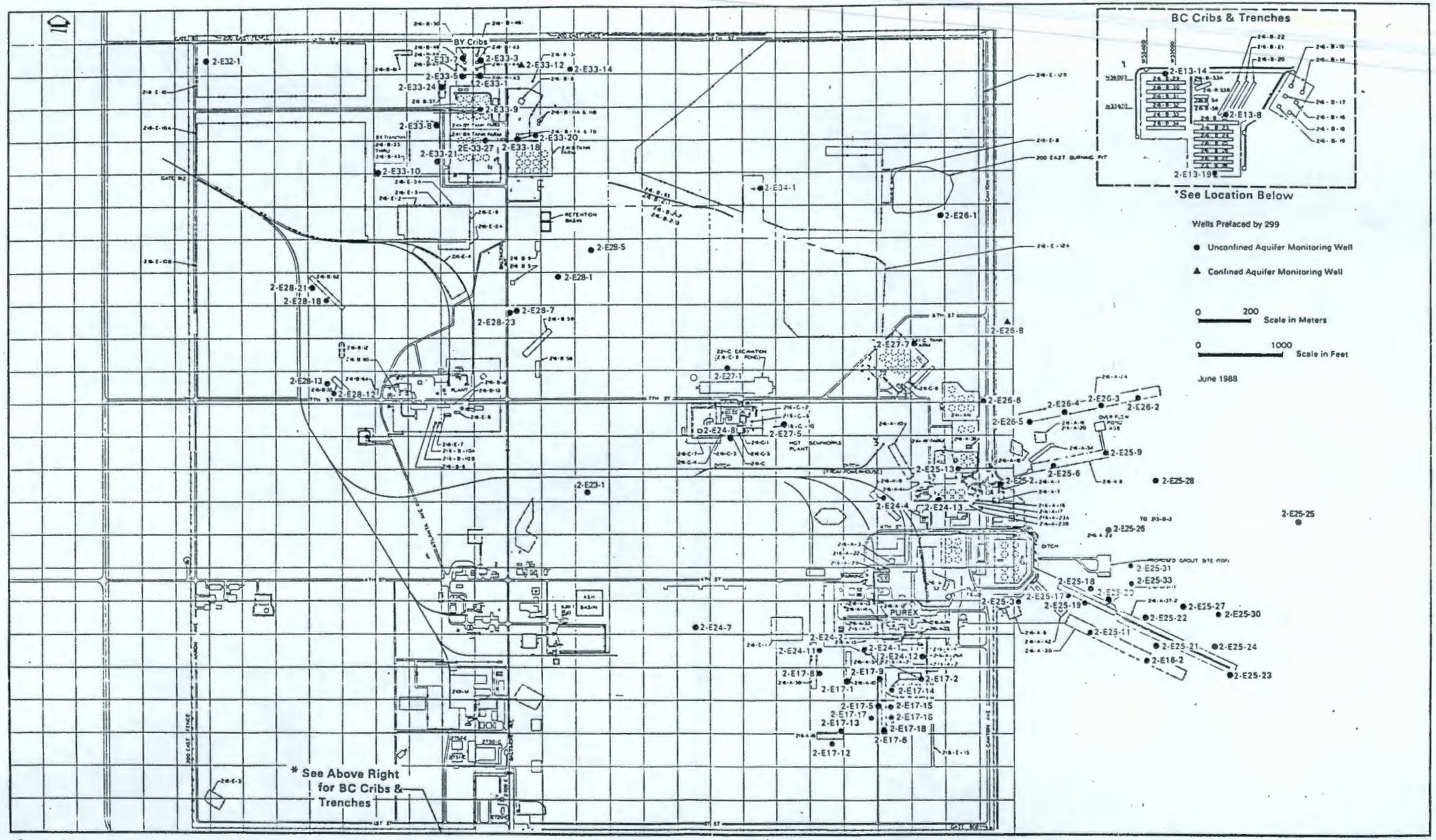

FIGURE B.7. Location of 200-East Area Ground-Water Monitoring Wells Sampled During January Through June 1988

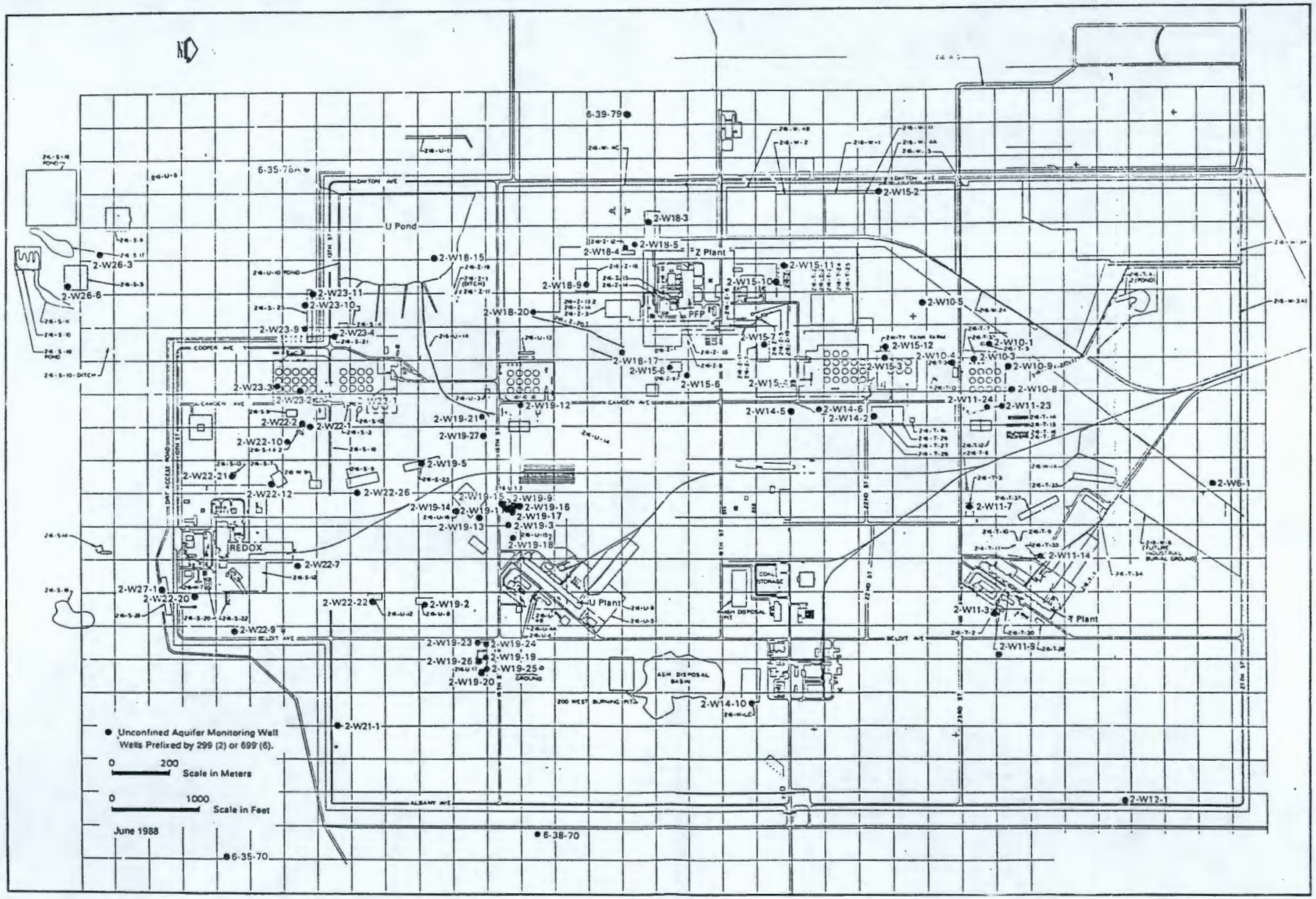

FIGURE B.8. Location of 200-West Ground-Water Monitoring Wells Sampled During January Through June 1988

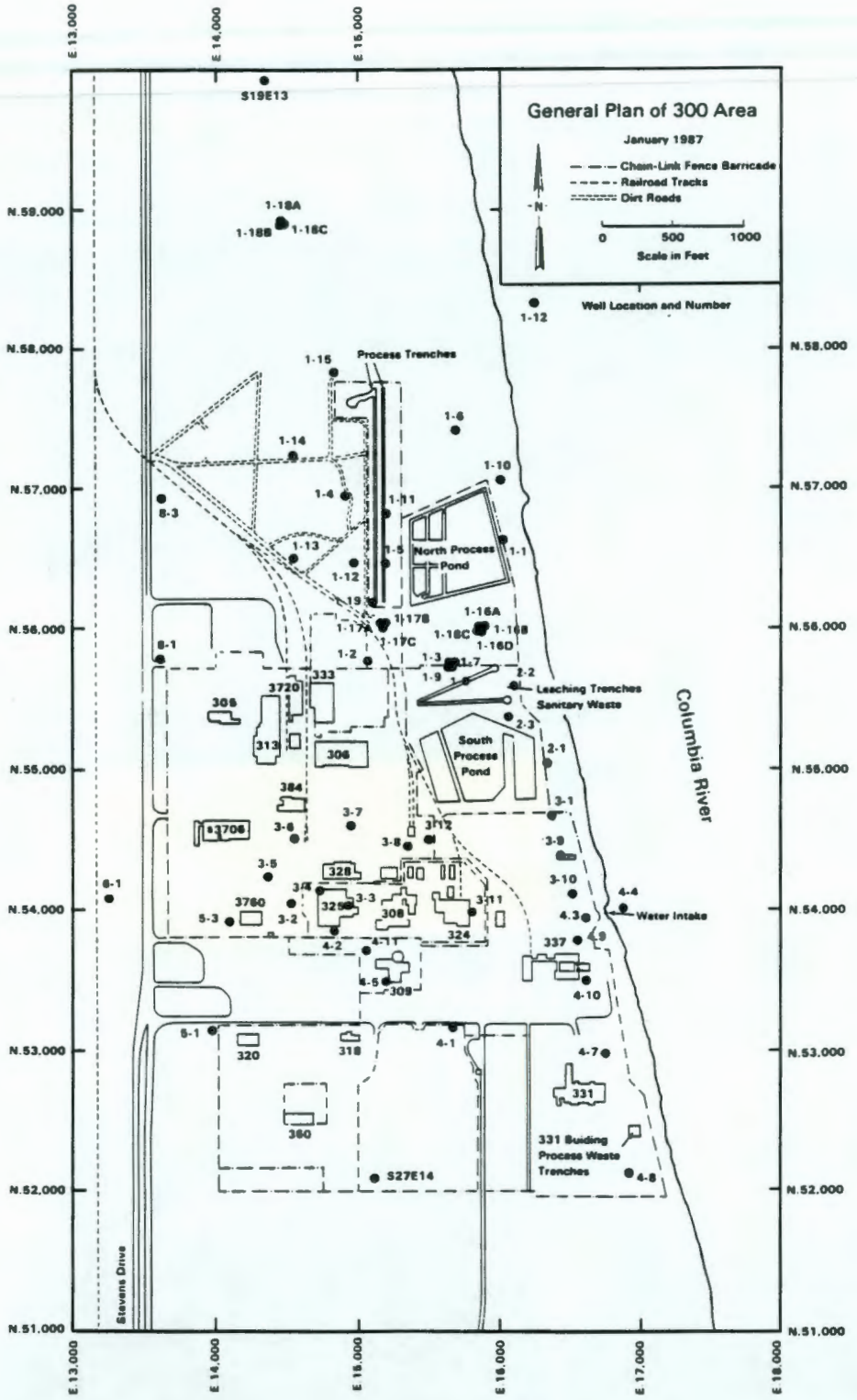

FIGURE B.9. Location of 300-Area Ground-Water Monitoring Wells Sampled During January Through June 1988

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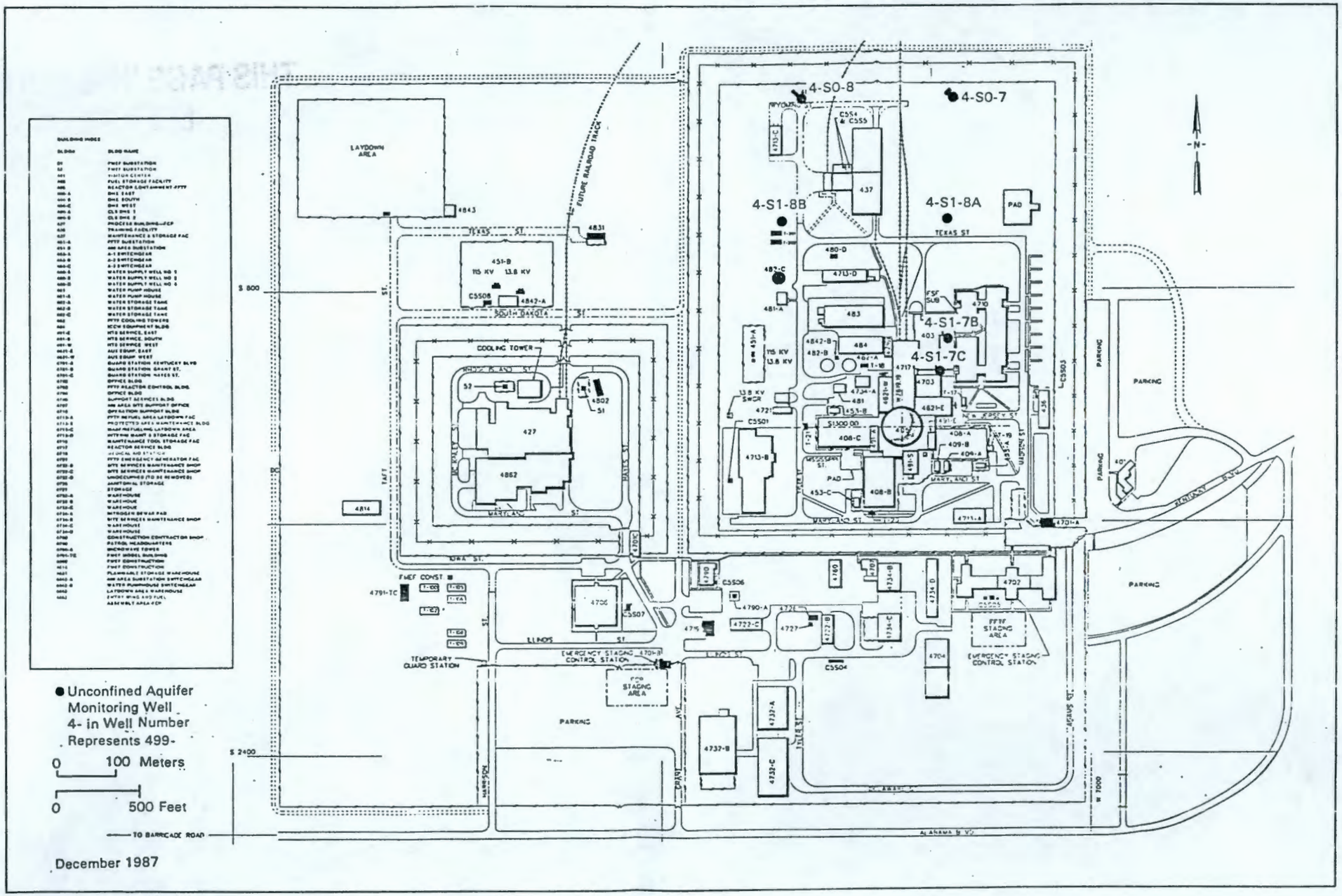

FIGURE B.10. Location of 400 Area Ground-Water Monitoring Wells Sampled During January Through June 1988

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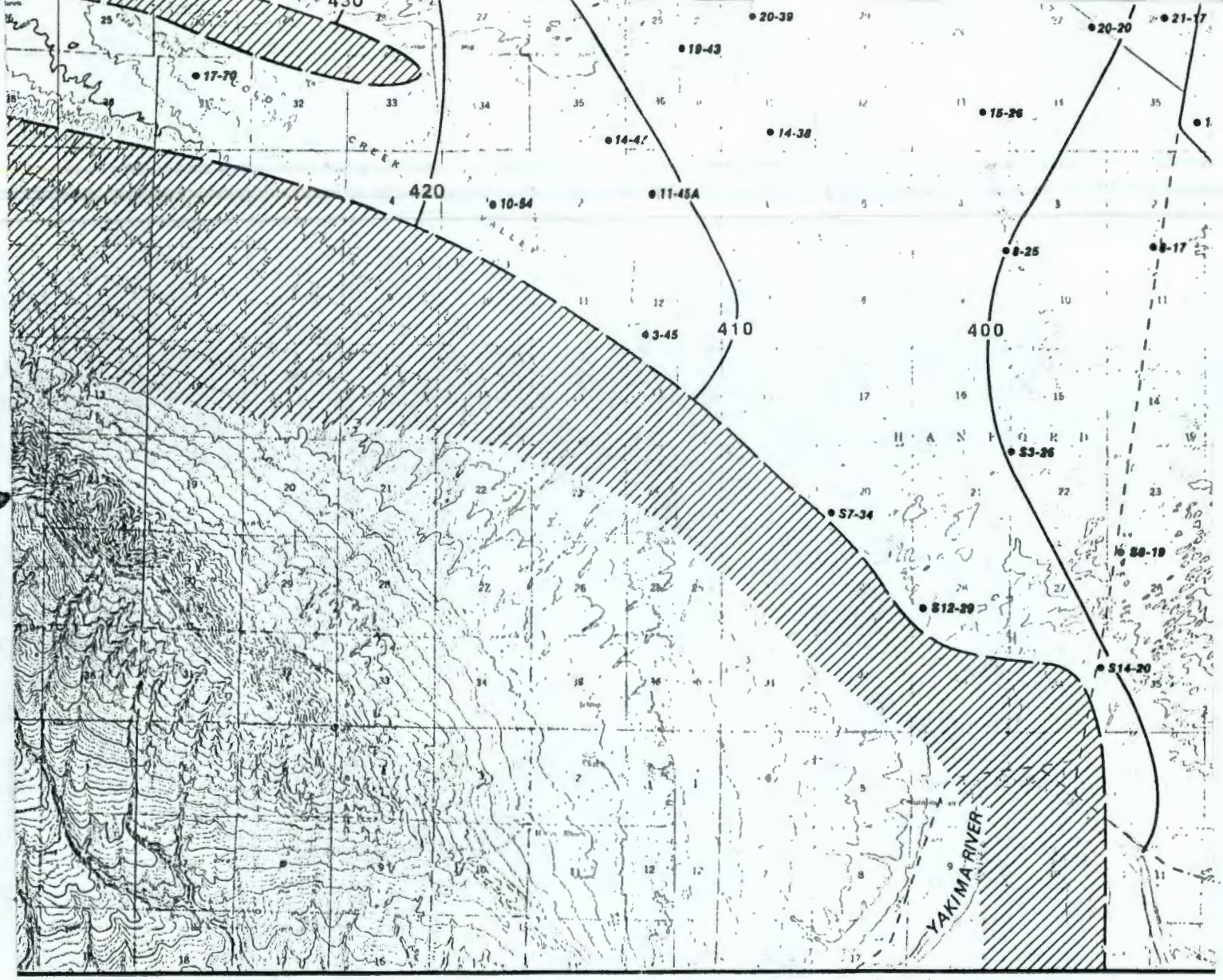

SCALE

0 1 2 3 MILES

0 1 2 3 4 KILOMETERS

WELLS USED IN PREPARATION OF MAP. WELL NUMBERS IN THE 100 AREAS HAVE THE PREFIX 199-. WELLS IN THE 200-EAST AND 200-WEST AREAS HAVE THE PREFIX 299-. REMAINING WELLS HAVE THE PREFIX 699-.

PONDS, WATER-SURFACE ELEVATION IN FEET ABOVE MEAN SEAL LEVEL

GENERALIZED OUTCROP OF BASALT ABOVE THE WATER TABLE

WATER-TABLE CONTOUR IN FEET ABOVE MEAN SEA LEVEL (CONTOUR INTERVAL = 10 FEET)

PLATE 1. HANFORD SITE WATER-TABLE MAP, JUNE 1988

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GN MIN
1° 43′ 21°
31 MILS 373 MILS

UTM GRID AND 1951 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE

0 1 2 3 MILES

0 1 2 3 4 KILOMETERS

WELLS USED IN PREPARATION OF MAP. WELL NUMBERS IN THE 100 AREAS HAVE THE PREFIX 199-. WELLS IN THE 200-EAST AND 200-WEST AREAS HAVE THE PREFIX 299-. REMAINING WELLS HAVE THE PREFIX 699-.

PONDS, WATER-SURFACE ELEVATION IN FEET ABOVE MEAN SEAL LEVEL

GENERALIZED OUTCROP OF BASALT ABOVE THE WATER TABLE

WATER-TABLE CONTOUR IN FEET ABOVE MEAN SEA LEVEL (CONTOUR INTERVAL = 10 FEET)

TO CONVERT FEET TO METERS, MULTIPLY BY 0.3048.

BASE MAPS ARE PORTIONS OF HANFORD, COYOTE RAPIDS, RICHLAND, AND CORRAL 15′ QUADRANGLES PUBLISHED BY U.S. DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY

28801-047.1

PLATE 1. HANFORD SITE WATER-TABLE MAP, JUNE 1988

APPENDIX C

MAXIMUM CONTAMINANT LEVELS AND DERIVED CONCENTRATION GUIDELINES

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APPENDIX C

MAXIMUM CONTAMINANT LEVELS AND DERIVED CONCENTRATION GUIDELINES

TABLE C.1. Radiological Maximum Contaminant Levels [from U.S. Environmental Protection Agency (OFR 1986) and State of Washington Public Water Supplies (WDSHS 1983)]

Contaminant	Limit
Gross alpha (excluding uranium)	15 pCi/L
Combined radium-226 and radium-228	5 pCi/L
Radium-226 (State of Washington only)	3 pCi/L
Gross beta and gamma radioactivity from manmade radionuclides	Annual average concentration shall not produce an annual dose from man-made radionuclides equivalent to the total body or any internal organ dose greater than 4 mrem/yr. If two or more radionuclides are present, the sum of their annual dose equivalent shall not exceed 4 mrem/yr. Compliance may be assumed if annual average concentrations for gross beta activity, tritium, and strontium-90 are less than 50 pCi/L, 20,000 pCi/L, and 8 pCi/L, respectively. It should be noted that these "screening levels" are conservatively calculated and not directly equivalent to an annual dose of 4 mrem.

The following list provides the annual average concentrations that yield an annual dose of 4 millirem to the indicated organ assuming a 2-L daily intake. Data are taken from EPA (1976).

Radionuclide	Critical Organ	Concentration, pCi/L
Antimony-125	GI (LLI)	300
Carbon-14	Fat	2,000
Cesium-137	Whole body	200
Cobalt-60	GI (LLI)	100
Iodine-129	Thyroid	1
Nickel-63	Bone	50
Ruthenium-103	GI (LLI)	200
Ruthenium-106	GI (LLI)	30
Strontium-90	Bone marrow	8
Technetium-99	GI (LLI)	900

TABLE C.2. Chemical Maximum Contaminant Levels [from U.S. Environmental Protection Agency (OFR 1986) and State of Washington Public Water Supplies (WDSHS 1983)]

Chemical Constituent	Concentration	
Arsenic	50	ppb[(a)]
Barium	1	ppm
Cadmium	10	ppb
Carbon tetrachloride	5	ppb
Chloroform	100	ppb
Chromium	50	ppb
Copper	1.3	ppm
Fluorine	2	ppm
Lead	50	ppb
Mercury	2	ppb
Nitrate ion	45	ppm
Selenium	10	ppb
Trans-1,2-Dichloroethene	70	ppb[(b)]
Trichloroethene	5	ppb
1,1,1-Trichloroethane	200	ppb

(a) ppb = ppm/1000.
(b) Proposed recommended maximum contaminant level.

TABLE C.3. Proposed Derived Concentration Guides[a]

Radionuclide	Concentration, pCi/L
Americium-241	30
Antimony-125	60,000
Cesium-137	3,000
Cobalt-60	5,000
Iodine-129	500
Nickel-63	300,000
Plutonium-238	400
Plutonium-239,240	300
Radium-226	100
Ruthenium-103	50,000
Ruthenium-106	6,000
Strontium-89	20,000
Strontium-90	1,000
Technetium-99	100,000
Tritium	2,000,000
Uranium-234	500
Uranium-235	600
Uranium-236	500
Uranium-238	600

(a) Concentrations of radionuclides in water that could be continuously consumed and not exceed an effective dose equivalent of 100 mrem/yr. Consumption is assumed to be 730 L of drinking water per year.

REFERENCES

40 CFR Parts 100 to 149. 1986. U.S. Environmental Protection Agency, "Protection of Environment." U.S. Code of Federal Regulations.

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U.S. Department of Energy (DOE). 1981. "Environmental Protection, Safety, and Health Protection Program for DOE Operations." DOE Order 5480.1A

Washington State Department of Social and Health Services (WDSHS). August 1983 (Revised). "Public Water Supplies". Washington Administration Code, Chapter 248-54, Olympia, Washington.

APPENDIX D

DATA OBTAINED BY SPECIAL INDUCTIVELY COUPLED PLASMA/MASS SPECTROMETRY METHOD

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APPENDIX D

DATA OBTAINED BY SPECIAL INDUCTIVELY COUPLED PLASMA/MASS SPECTROMETRY METHOD

This appendix table is data from the inductively coupled plasma/mass spectrometry method (ICP/MS) SEMIQUANT analysis of Hanford ground-water samples.

TABLE D.1. ICP-MS SEMIQUANT Analysis of Hanford Ground-Water Samples

(All concentrations expressed as micrograms per liter)

Well	Collected	Li 7	Be 9	B 10	Al 27	Ca 44	Sc 45	V 51	Cr 52	Mn 55	Fe 57	Co 59	Ni 60	Cu 63	Zn 66	Ga 69
1-B3-1	MAY	ND	ND	ND	ND	43166	0.9	2.3	60	ND	ND	ND	ND	ND	ND	0.27
1-B4-1	MARCH				3		0.9	7.5	13	ND	ND	ND	ND	ND	ND	0.23
1-B4-4	APRIL	ND	ND	ND	3	50385	2.4	8.8	13	11	ND	ND	ND	ND	ND	0.18
1-B5-1	JUNE	ND	ND	ND	ND	41330	1.8	6.7	31	ND	ND	ND	ND	ND	ND	0.29
1-B9-1	MARCH				ND		0.8	10.4	13	4	ND	ND	ND	ND	10	ND
1-D2-5	APRIL	87	ND	ND	ND	75734	1.5	11.4	216	ND	208	ND	ND	ND	ND	0.83
1-D5-12	APRIL	97	ND	ND	3	114710	2.6	13.4	2263	ND	224	ND	ND	ND	ND	0.80
1-F5-1	APRIL	ND	ND	ND	3	50257	1.5	1.4	3	ND	ND	ND	ND	ND	ND	0.34
1-F5-3	MAY	ND	ND	ND	ND	27589	1.0	0.9	6	2	ND	ND	ND	ND	ND	0.20
1-H3-1	MARCH				ND		0.6	7.8	61	ND	ND	ND	ND	ND	ND	0.13
1-H3-2A	JULY	ND	ND	ND	4	52761	1.6	7.8	57	ND	ND	ND	ND	ND	ND	0.20
1-H3-2B	AUGUST	ND	ND	ND	6	42176	1.1	4.6	35	59	ND	ND	ND	ND	ND	0.30
1-H3-2C	MAY	99	ND	ND	7	20627	1.5	14.9	3	34	ND	ND	ND	7	54	0.19
1-H3-2C	JUNE	ND	ND	ND	3	22160	1.8	12.7	ND	32	ND	ND	ND	ND	11	0.22
1-H3-2C	MARCH						ND	7.8	ND	44	ND	ND	ND	4	ND	0.06
1-H4-3	JULY	ND	ND	ND	16	12056	1.8	17.5	403	2	ND	0.2	24	4	ND	0.22
1-H4-3	MAY	ND	ND	ND	10	20875	2.3	13.9	407	2	ND	0.2	34	4	ND	0.25
1-H4-3	MARCH				4		0.8	7.5	475	5	ND	0.5	67	22	ND	0.32
1-H4-3	AUGUST	ND	ND	ND	6	26016	1.4	7.4	278	3	ND	0.4	43	11	ND	0.46
1-H4-4	JULY		ND	ND	4	39285	1.9	6.3	216	ND	ND	ND	13	ND	38	0.30
1-H4-4	MAY	187	ND	ND	ND	25419	0.8	4.0	195	ND	ND	ND	15	ND	36	0.32
1-H4-4	JUNE		ND	ND	6	28956	1.5	7.3	33	ND	ND	ND	ND	ND	7	0.25
1-H4-4	AUGUST	ND	ND	ND	ND	38729	1.4	5.0	317	ND	ND	ND	25	ND	51	0.59
1-H4-5	MARCH				ND		0.7	10.4	251	ND	ND	ND	ND	ND	61	0.28

TABLE D.1. (contd)

(All concentrations expressed as micrograms per liter)

Well	Collected	Li 7	Be 9	B 10	Al 27	Ca 44	Sc 45	V 51	Cr 52	Mn 55	Fe 57	Co 59	Ni 60	Cu 63	Zn 66	Ga 69
2-E17-9	APRIL	100	ND	ND	ND	63645	2.5	26.9	3	5	ND	ND	ND	ND	ND	0.49
2-E24-12	APRIL	88	ND	ND	ND	53148	2.7	22.4	ND	2	ND	ND	ND	ND	ND	0.36
2-E24-7	JUNE	ND	ND	ND	3	30087	2.6	23.2	ND	4	ND	ND	ND	ND	ND	0.25
2-E24-8	AUGUST	ND	ND	ND	ND	34010	2.3	24.6	6	4	ND	ND	ND	ND	ND	0.37
2-E25-18	APRIL	ND	ND	ND	ND	26898	2.1	31.9	ND	8	ND	ND	ND	ND	ND	0.13
2-E25-20	MARCH				ND		ND	2.4	ND	ND	ND	ND	ND	ND	ND	0.11
2-E25-21	APRIL	115	ND	ND	4	30162	3.8	82.7	3	11	ND	ND	ND	ND	ND	0.22
2-E25-27	JUNE	ND	ND		4	21007	1.9	41.1	ND	ND	ND	ND	ND	ND	ND	0.16
2-E25-28	JUNE	ND	ND	ND	3	20298	2.0	45.3	3	ND	ND	ND	ND	ND	83	0.19
2-E25-7	JUNE	ND	ND	ND	3	28958	2.6	37.4	3	2	ND	ND	ND	ND	ND	0.23
2-E26-1	JUNE	ND	ND	ND	4	34688	1.8	14.4	ND	3	ND	ND	ND	ND	ND	0.22
2-E26-3	JUNE	ND	ND	ND	4	26001	2.2	41.0	3	ND	ND	ND	ND	ND	ND	0.16
2-E27-5	MARCH				ND		ND	4.5	ND	ND	ND	ND	ND	ND	ND	0.11
2-E28-17	JUNE	ND	ND	152	15	44857	1.6	10.7	5	2	ND	ND	ND	ND	ND	0.32
2-E28-7	JUNE	ND	ND	ND	ND	25463	1.7	20.2	3	ND	ND	ND	ND	ND	ND	0.31
2-E32-1	AUGUST	ND	ND	ND	ND	27241	1.6	20.3	5	ND	ND	ND	ND	ND	ND	0.31
2-E33-1	MAY	ND	ND	ND	ND	21049	1.5	25.3	7	ND	ND	ND	ND	ND	ND	0.17
2-E33-18	MAY	ND	ND	ND	ND	22770	1.5	18.8	3	2	ND	ND	ND	ND	ND	0.23
2-E33-2	JUNE	ND	ND	ND	ND	20282	1.2	21.0	7	ND	ND	ND	ND	ND	ND	0.14
2-E33-21	AUGUST	ND	ND	ND	ND	23664	1.5	17.7	4	2	ND	ND	ND	ND	ND	0.23
2-E33-24	AUGUST	ND	ND	ND	ND	21864	1.3	15.4	4	ND	ND	ND	ND	ND	ND	0.20
2-E33-3	AUGUST	ND	ND	ND	ND	30928	2.0	29.1	14	ND	ND	ND	ND	ND	ND	0.21
2-E33-5	AUGUST	ND	ND	ND	ND	34452	2.2	26.2	10	2	ND	ND	ND	ND	ND	0.32
2-E34-1	JULY	ND	ND	ND	ND	62698	1.7	12.2	ND	12	ND	ND	ND	ND	16	0.22
2-W6-1	JUNE	ND	ND	ND	ND	61481	1.9	14.1	54	12	176	ND	ND	ND	ND	0.53
2-W10-4	MARCH				ND		ND	3.8	27	ND	ND	ND	ND	ND	ND	0.06
2-W10-9	MAY	ND	ND	ND	ND	36705	1.9	56.3	147	ND	ND	ND	ND	ND	ND	0.58
2-W12-1	JUNE	ND	ND	ND	ND	77635	1.9	18.1	68	ND	240	ND	ND	ND	ND	0.61
2-W14-5	MARCH				80		0.4	19.3	ND	7	ND	ND	ND	ND	ND	ND
2-W15-14	MARCH				ND		ND	6.6	ND	8	ND	ND	ND	ND	ND	ND
2-W18-15	JULY	ND	ND	ND	ND	23875	1.9	19.4	3	2	ND	ND	ND	ND	ND	0.16

TABLE D.1. (contd)

(All concentrations expressed as micrograms per liter)

Well	Collected	Li 7	Be 9	B 10	Al 27	Ca 44	Sc 45	V 51	Cr 52	Mn 55	Fe 57	Co 59	Ni 60	Cu 63	Zn 66	Ga 69
2-W19-1	JUNE	ND	ND	ND	136	14838	1.7	34.1	2	17	417	0.3	ND	ND	ND	0.19
2-W19-11	MARCH				ND		ND	21.7	3	ND	ND	ND	ND	ND	ND	0.10
2-W19-13	MARCH				ND		ND	8.5	ND	ND	ND	ND	ND	ND	ND	0.07
2-W19-15	MARCH				ND		ND	18.8	ND	6	ND	ND	ND	ND	ND	ND
2-W19-16	MARCH				ND		ND	49.4	ND	2	ND	ND	ND	ND	ND	ND
2-W19-20	JULY	96	ND	ND	ND	217018	2.3	12.2	5	17	514	0.3	14	ND	39	1.26
2-W22-22	JULY	ND	ND	ND	ND	21118	1.2	14.8	ND	14	ND	ND	ND	ND	ND	0.15
2-W22-22	MARCH				ND		ND	6.4	ND	8	ND	ND	ND	ND	ND	ND
2-W23-1	JUNE	ND	ND	ND	ND	13843	1.3	19.0	ND	2	ND	ND	ND	ND	134	0.20
2-W23-10	MARCH				ND		ND	12.9	ND	ND	ND	ND	ND	ND	ND	0.06
2-W23-11	JUNE	ND	ND	ND	ND	26836	1.5	26.8	ND	2	ND	ND	ND	ND	ND	0.26
2-W23-3	JUNE	ND	ND	ND	3	18698	2.1	37.1	3	2	ND	ND	ND	ND	ND	0.19
2-W23-7	JUNE	ND	ND	ND	ND	21951	1.3	19.8	18	9	ND	ND	ND	ND	268	0.27
2-W27-1	MARCH				ND		ND	12.2	6	ND	ND	ND	ND	ND	ND	0.06
3-1-1	JUNE		ND	ND	ND	20593	0.7	4.8	3	ND	ND	ND	ND	3	ND	0.31
3-1-2	MARCH				ND		0.4	1.3	3	ND	ND	ND	ND	5	ND	0.21
3-1-3	JUNE	251	ND	ND	8	20471	0.8	5.9	4	3	ND	ND	ND	4	ND	0.22
3-1-4	JUNE	83	ND	ND	ND	15234	0.5	3.1	3	2	ND	ND	ND	2	ND	0.15
3-1-5	MARCH				ND		ND	3.0	ND	ND	ND	ND	ND	9	ND	0.16
3-1-6	APRIL	105	ND	ND	ND	19673	0.6	2.3	3	ND	ND	ND	ND	6	ND	0.12
3-1-6	MARCH				ND		ND	0.7	4	ND	ND	ND	ND	12	ND	0.06
3-1-7	JUNE	154	ND	ND	13	16200	0.6	4.7	3	ND	ND	ND	ND	3	ND	0.18
3-1-8	JUNE	157	ND	ND	4	18541	1.2	6.0	3	10	ND	ND	ND	3	ND	0.34
3-1-9	MARCH				48		0.9	7.5	ND	70	224	ND	ND	ND	ND	0.69
3-1-10	MARCH				7		0.2	0.7	ND	ND	ND	ND	ND	7	ND	0.20
3-1-11	MARCH				ND		ND	4.5	ND	ND	ND	ND	ND	12	ND	0.11
3-1-12	MARCH				16		ND	2.3	ND	2	ND	ND	ND	10	ND	0.11
3-1-12	JUNE	93	ND	ND	3	12237	0.4	3.0	ND	2	ND	ND	ND	3	ND	0.11
3-1-13	MARCH				ND		ND	1.5	ND	ND	ND	ND	ND	3	ND	0.12
3-1-13	APRIL	ND	ND	ND	4	26046	0.9	4.6	3	ND	ND	ND	ND	7	ND	0.21
3-1-14	MARCH				2		ND	0.9	ND	ND	ND	ND	ND	6	ND	0.10

TABLE D.1. (contd)

(All concentrations expressed as micrograms per liter)

Well	Collected	Li 7	Be 9	B 10	Al 27	Ca 44	Sc 45	V 51	Cr 52	Mn 55	Fe 57	Co 59	Ni 60	Cu 63	Zn 66	Ga 69
3-1-15	MARCH				ND		0.7	2.2	ND	35	ND	ND	ND	ND	ND	0.26
3-1-15	APRIL	ND	ND	ND	8	45522	1.2	6.4	3	ND	ND	ND	ND	ND	ND	0.32
3-1-16A	JUNE		ND	ND	4	21570	1.0	5.1	4	ND	ND	ND	ND	4	11	0.33
3-1-16B	JUNE	199	ND	52	ND	14335	1.4	2.0	ND	79	ND	ND	ND	ND	ND	0.41
3-1-16C	MARCH				ND		0.7	9.2	ND	37	ND	ND	ND	ND	ND	0.26
3-1-16C	APRIL	257	ND	58	ND	9636	1.6	2.2	ND	38	ND	ND	ND	ND	ND	0.56
3-1-17A	MARCH				58		ND	8.9	ND	2	ND	ND	ND	8	ND	0.14
3-1-17B	MARCH				ND		0.6	6.4	ND	50	ND	ND	ND	ND	ND	0.24
3-1-17C	JUNE	221	ND	ND	ND	9022	2.7	1.1	ND	24	ND	ND	ND	ND	ND	0.68
3-1-18A	MARCH				6		0.4	7.8	ND	ND	ND	ND	ND	ND	ND	0.18
3-1-18B	MARCH				ND		0.6	6.4	ND	31	ND	ND	ND	ND	ND	0.10
3-1-18C	APRIL	227	ND	ND	9	13190	2.6	1.6	ND	48	ND	ND	ND	ND	ND	0.39
3-1-19	APRIL	264	ND	ND	332	12472	0.5	5.5	6	39	1255	ND	ND	9	ND	0.22
3-1-19	MARCH							2.3			1351	ND	ND	9	ND	0.17
3-2-1	JUNE		ND	ND	ND	19878	0.7	3.7	ND	ND	ND	ND	ND	2	ND	0.35
3-3-10	APRIL		ND	77	3	34035	1.4	2.4	3	19	ND	0.2	ND	ND	ND	0.37
3-3-10	MARCH				ND		0.4	3.1	ND	19	434	ND	ND	ND	ND	0.30
3-3-7	MARCH				ND		0.4	2.0	ND	ND	ND	ND	ND	ND	ND	0.17
3-4-1	JUNE	ND	ND	ND	4	36017	1.6	9.4	5	ND	ND	ND	ND	ND	ND	0.35
3-4-11	MARCH				ND		0.5	1.3	ND	ND	ND	ND	ND	ND	ND	0.19
3-4-7	JUNE	ND	ND	82	ND	32572	1.0	6.0	3	ND	ND	ND	ND	ND	ND	0.32
3-8-2	MARCH				ND		0.6	1.2	ND	ND	ND	ND	ND	ND	ND	0.32
6-20-20	MARCH				ND		0.6	1.9	ND	3	ND	ND	ND	ND	ND	0.39
6-20-39	JUNE	ND	ND	ND	ND	26533	1.1	5.2	ND	14	ND	ND	ND	ND	ND	0.25
6-20-E5A	JUNE	ND	ND	ND	ND	30110	1.2	13.5	6	2	ND	ND	ND	ND	ND	0.44
6-23-34	JUNE	150	ND	ND	ND	76107	2.3	14.7	6	2	256	ND	ND	ND	40	0.71
6-24-33	MAY	105	ND	ND	ND	50067	1.7	15.9	5	ND	ND	ND	ND	ND	ND	0.41
6-24-34A	JUNE	143	ND	ND	ND	69089	2.4	16.2	6	4	240	ND	ND	ND	52	0.57
6-24-34B	JUNE	127	ND	ND	ND	81610	2.9	15.0	7	7	ND	ND	ND	ND	44	0.43
6-24-34C	JULY	89	ND	ND	ND	69398	2.6	13.5	6	5	ND	ND	ND	ND	34	0.37
6-24-35	JULY	ND	ND	ND	ND	41934	2.0	16.3	7	ND	ND	ND	ND	ND	11	0.35
6-25-34	JULY	ND	ND	ND	ND	36774	2.1	20.1	5	ND	ND	ND	ND	ND	ND	0.25

TABLE D.1. (contd)

(All concentrations expressed as micrograms per liter)

Well	Collected	Li 7	Be 9	B 10	Al 27	Ca 44	Sc 45	V 51	Cr 52	Mn 55	Fe 57	Co 59	Ni 60	Cu 63	Zn 66	Ga 69
6-29-4	JUNE	82	ND	ND	ND	41093	1.5	16.8	7	ND	ND	ND	ND	ND	ND	0.49
6-32-22	JUNE	ND	ND	ND	ND	34057	1.5	16.0	3	ND	ND	ND	ND	ND	ND	0.37
6-35-9	JUNE	90	ND	ND	ND	35553	1.1	14.7	7	ND	ND	ND	ND	ND	ND	0.50
6-38-65	MAY	ND	ND	ND	ND	56024	2.0	25.0	5	3	ND	ND	ND	ND	ND	0.76
6-39-79	MAY	ND	ND	ND	ND	13736	1.3	14.0	ND	2	ND	ND	ND	ND	ND	0.13
6-40-1	JUNE	109	ND	ND	ND	32448	1.1	15.2	6	ND	ND	ND	ND	ND	ND	0.50
6-40-33A	JUNE	214	ND	ND	ND	10936	1.8	2.3	ND	39	ND	ND	ND	ND	ND	0.73
6-43-88	MARCH				ND		ND	6.6	ND	14	ND	ND	ND	ND	ND	0.20
6-48-18	JUNE	ND	ND	ND	ND	44668	1.8	10.3	4	3	ND	ND	ND	ND	ND	0.18
6-48-7	JUNE	ND	ND	ND	ND	26794	0.9	2.5	ND	4	ND	ND	ND	ND	ND	0.28
6-48-71	JUNE	ND	ND	ND	ND	22482	1.1	17.7	5	ND	ND	ND	ND	ND	ND	0.14
6-49-57	MAY	ND	ND	ND	ND	13840	1.2	23.3	7	ND	ND	ND	ND	ND	ND	0.14
6-49-57	MAY	ND	ND	ND	ND	15781	1.4	26.0	9	ND	ND	ND	ND	ND	ND	0.21
6-49-79	MAY	ND	ND	ND	ND	30113	1.2	20.2	5	2	ND	ND	ND	ND	ND	0.22
6-50-53	MAY	159	ND	ND	ND	131850	1.3	12.9	4	2	450	0.3	ND	ND	ND	0.40
6-51-75	JUNE	ND	ND	ND	19	31429	1.6	15.0	5	100	ND	ND	ND	ND	ND	0.39
6-77-54	JUNE	ND	ND	ND	ND	40968	2.3	23.3	5	2	ND	ND	ND	ND	ND	0.26
6-83-47	MAY	ND	ND	ND	362	30266	1.6	20.1	49	47	466	0.3	ND	ND	ND	0.48
6-89-35	JUNE	106	ND	ND	ND	29786	1.4	14.7	4	ND	ND	ND	ND	ND	ND	0.21
6-90-45	JUNE	ND	ND	ND	ND	25547	1.6	16.7	4	58	337	ND	ND	ND	46	0.20
6-9-E2	JUNE	123	ND	ND	ND	22659	1.8	2.2	ND	22	ND	ND	ND	ND	ND	0.39
6-S19-E12	MARCH				ND		0.6	4.9	ND	ND	ND	ND	ND	ND	15	
6-S19-E13	MARCH				ND		0.6		ND	ND	ND	ND	ND	ND	ND	0.31
6-S31-1	JUNE	ND	ND	ND	ND	17641	0.9	7.94	ND	ND	ND	ND	ND	ND	ND	0.07
6-S3-25	JUNE	113	ND	55	ND	52388	1.6	4.41	ND	125	240	ND	ND	ND	ND	0.67
6-S6E-14A	JUNE	90	ND	ND	ND	29332	1.4	17.03	ND	7	ND	ND	ND	ND	ND	0.18
6-S8-19	JUNE	101	ND	222	ND	24142	1.0	10.41	ND	10	ND	ND	ND	ND	ND	0.37
AVERAGE BLANK		8	0.1	7.0	0.7	234	0.12	0.25	1.0	0.5	40.7	0.02	0.73	0.2	1.07	0.021
+/-		5	0.05	5.8	0.2	81	0.09	0.11	0.2	0.2	10.0	0.009	0.19	0.2	0.59	0.008
MDL		80	0.3	50	2	400	0.3	0.5	2	1	160	0.1	4	1	9	0.05

TABLE D.1. (contd)

(All concentrations expressed as micrograms per liter)

Well	Collected	Ge 72	As 75	Se 77	Br 81	Rb 85	Sr 88	Y 89	Zr 90	Nb 93	Mo 98	Ru 101	Rh 103	Pd 108	Ag 109
1-B3-1	MAY	ND	0.5	ND	58	1.2	236	0.06	ND	ND	2.3	ND	ND	ND	ND
1-B4-1	MARCH	ND	1.6	ND	39	4.2	198	0.04	ND	ND	2.9	ND	ND	ND	ND
1-B4-4	APRIL	ND	2.3	ND	47	5.8	191	ND	ND	ND	2.8	ND	ND	ND	ND
1-B5-1	JUNE	ND	1.4	ND	48	3.7	222	0.06	ND	ND	3.0	ND	ND	ND	ND
1-B9-1	MARCH	ND		ND	71	4.0	136	ND	ND	ND	2.2	ND	ND	ND	ND
1-D2-5	APRIL	ND	1.5	ND	119	2.9	659	0.19	ND	ND	0.8	ND	ND	ND	ND
1-D5-12	APRIL	ND	2.6	5	167	3.1	590	ND	ND	ND	0.9	ND	ND	ND	ND
1-F5-1	APRIL	ND	0.8	ND	27	2.4	207	ND	ND	ND	0.5	ND	ND	ND	ND
1-F5-3	MAY	ND	0.4	ND	10	2.9	142	0.05	ND	ND	0.6	ND	ND	ND	ND
1-H3-1	MARCH	ND	1.6	ND	58	1.1	317	0.04	ND	ND	1.1	ND	ND	ND	ND
1-H3-2A	JULY	ND	2.3	ND	73	2.2	258	0.02	ND	ND	1.6	ND	ND	ND	ND
1-H3-2B	AUGUST	ND	1.4	ND	56	2.9	287	0.06	ND	ND	2.2	ND	ND	ND	ND
1-H3-2C	MAY	ND	5.3	ND	ND	2.6	210	0.06	ND	ND	2.7	ND	ND	ND	ND
1-H3-2C	JUNE	ND	3.8	ND	13	2.1	180	0.04	ND	ND	2.5	ND	ND	ND	ND
1-H3-2C	MARCH	ND	1.8	ND	ND	1.2	83	0.08	ND	0.06	1.2	ND	ND	ND	ND
1-H4-3	JULY	ND	8.5	ND	78	2.5	77	0.04	ND	ND	2.8	ND	ND	ND	ND
1-H4-3	MAY	ND	6.3	ND	88	2.5	100	0.02	ND	ND	2.3	ND	ND	ND	ND
1-H4-3	MARCH	ND	2.5	ND	107	2.8	172	ND	ND	ND	2.3	ND	ND	ND	ND
1-H4-3	AUGUST	ND	3.9	ND	133	3.9	213	0.06	ND	ND	2.6	ND	ND	0.07	ND
1-H4-4	JULY	ND	4.8	ND	48	3.4	177	ND	ND	ND	1.4	ND	ND	ND	ND
1-H4-4	MAY	ND	3.3	ND	54	3.9	186	0.04	ND	ND	1.2	ND	ND	ND	ND
1-H4-4	JUNE	ND	3.8	ND	ND	3.4	154	0.04	ND	ND	1.0	ND	ND	ND	ND
1-H4-4	AUGUST	ND	2.8	ND	45	4.7	237	0.07	ND	ND	1.5	ND	ND	ND	ND
1-H4-5	MARCH	ND	4.4	ND	ND	1.2	254	ND	ND	ND	0.9	ND	ND	ND	ND
1-H4-6	MARCH	ND	1.4	ND	63	2.7	283	ND	ND	ND	2.0	ND	ND	ND	ND
1-H4-7	MARCH	ND	1.4	ND	ND	1.4	156	ND	ND	ND	0.5	ND	ND	ND	ND
1-H4-8	AUGUST	ND	3.0	ND	91	3.2	372	0.09	ND	ND	1.6	ND	ND	ND	ND
1-H4-9	AUGUST	ND	4.3	ND	91	3.9	591	0.13	ND	ND	1.4	ND	ND	ND	ND
1-H4-10	MARCH	ND	0.3	ND	ND	1.4	138	ND	ND	ND	0.9	ND	ND	ND	ND

TABLE D.1. (contd)

(All concentrations expressed as micrograms per liter)

Well	Collected	Ge 72	As 75	Se 77	Br 81	Rb 85	Sr 88	Y 89	Zr 90	Nb 93	Mo 98	Ru 101	Rh 103	Pd 108	Ag 109
1-H4-11	MARCH	ND	0.5	ND	ND	1.5	112	ND	ND	ND	0.4	ND	ND	ND	ND
1-H4-12A	JULY	ND	3.1	ND	55	5.1	368	0.12	ND	ND	1.1	ND	ND	ND	ND
1-H4-12B	JULY	ND	1.8	ND	ND	2.6	308	0.10	ND	ND	1.1	ND	ND	ND	ND
1-H4-12C	AUGUST	ND	4.4	ND	ND	1.4	169	0.03	ND	ND	0.2	ND	ND	ND	ND
1-H4-13	AUGUST	ND	1.6	ND	59	3.8	215	0.09	ND	ND	1.2	ND	ND	ND	ND
1-H4-14	AUGUST	ND	2.6	ND	41	1.5	180	0.04	ND	ND	0.8	ND	ND	ND	ND
1-H4-15A	AUGUST	ND	2.3	ND	45	3.2	270	0.08	ND	ND	1.0	ND	ND	ND	ND
1-H4-15B	AUGUST	ND	1.8	ND	ND	2.6	198	0.05	ND	ND	0.7	ND	ND	ND	ND
1-H4-16	JULY	ND	2.3	ND	ND	2.7	221	ND	ND	ND	1.1	ND	ND	ND	ND
1-H4-17	AUGUST	ND	0.5	ND	56	4.8	351	0.07	0.33	ND	3.4	ND	ND	ND	ND
1-H4-18	AUGUST	ND	2.2	ND	ND	1.6	214	0.08	ND	ND	0.8	ND	ND	ND	ND
1-K-11	APRIL	ND	6.9	ND	67	1.0	215	0.03	ND	ND	2.0	ND	ND	ND	ND
1-K-20	MARCH	ND	1.0	ND	ND	0.3	119	0.02	ND	ND	0.5	ND	ND	ND	ND
1-K-22	APRIL	ND	0.8	ND	ND	0.7	202	ND	ND	ND	1.1	ND	ND	ND	ND
1-K-27	APRIL	ND	1.4	ND	ND	0.3	186	0.07	0.64	ND	0.9	ND	ND	ND	ND
1-K-28	APRIL	ND	2.4	ND	58	0.4	295	ND	ND	ND	0.9	ND	ND	ND	ND
1-K-29	APRIL	ND	3.5	ND	37	0.3	176	ND	ND	ND	0.9	ND	ND	ND	ND
1-K-30	APRIL	ND	2.7	ND	74	0.4	249	ND	ND	ND	1.0	ND	ND	ND	ND
1-N-14	MARCH	ND	0.6	ND	ND	0.5	83	ND	ND	ND	0.4	ND	ND	ND	ND
1-N-29	MARCH	ND	6.3	ND	ND	1.5	51	ND	ND	ND	0.4	ND	ND	ND	ND
2-E13-5	MARCH	ND	0.7	ND	ND	0.1	76	ND	ND	ND	1.8	ND	ND	ND	ND
2-E17-1	APRIL	ND	3.8	ND	ND	1.4	489	ND	ND	ND	2.5	ND	ND	ND	ND
2-E17-5	APRIL	ND	5.0	ND	ND	1.2	244	ND	ND	ND	2.7	ND	ND	ND	ND
2-E17-6	APRIL	ND	1.0	ND	ND	8.8	229	0.07	ND	ND	4.9	ND	ND	ND	ND
2-E17-9	APRIL	ND	10.0	ND	ND	0.7	321	ND	ND	ND	3.9	ND	ND	ND	ND
2-E24-12	APRIL	ND	5.8	ND	ND	0.8	250	0.02	ND	ND	3.2	ND	ND	ND	ND
2-E24-7	JUNE	ND	5.1	ND	ND	1.2	134	0.02	ND	ND	3.1	ND	ND	ND	ND
2-E24-8	AUGUST	ND	7.0	3	ND	1.0	198	0.07	ND	ND	2.8	ND	ND	ND	ND
2-E25-18	APRIL	ND	8.1	ND	ND	0.7	118	0.03	ND	ND	2.9	ND	ND	ND	ND

TABLE D.1. (contd)

(All concentrations expressed as micrograms per liter)

Well	Collected	Ge 72	As 75	Se 77	Br 81	Rb 85	Sr 88	Y 89	Zr 90	Nb 93	Mo 98	Ru 101	Rh 103	Pd 108	Ag 109
2-E25-20	MARCH	ND	2.8	ND	ND	0.8	138	ND	ND	ND	6.3	ND	ND	ND	ND
2-E25-21	APRIL	ND	12.0	ND	ND	1.2	147	ND	ND	ND	11.5	ND	ND	ND	ND
2-E25-27	JUNE	ND	6.2	ND	ND	0.8	135	0.04	ND	ND	6.4	ND	ND	ND	ND
2-E25-28	JUNE	ND	9.8	ND	ND	1.9	124	0.07	ND	ND	1.3	ND	ND	ND	ND
2-E25-7	JUNE	ND	11.2	ND	ND	0.6	117	0.05	ND	ND	1.4	ND	ND	ND	ND
2-E26-1	JUNE	ND	3.6	ND	ND	2.5	157	0.02	ND	ND	2.6	ND	ND	ND	ND
2-E26-3	JUNE	ND	8.8	ND	ND	1.1	122	0.09	ND	ND	1.0	ND	ND	ND	ND
2-E27-5	MARCH	ND	1.9	ND	ND	0.3	54	ND	ND	ND	0.7	ND	ND	ND	ND
2-E28-17	JUNE	ND	2.5	3	73	1.9	270	0.07	ND	ND	9.6	ND	ND	ND	ND
2-E28-7	JUNE	ND	3.8	ND	ND	1.0	153	0.05	ND	ND	3.2	ND	ND	ND	ND
2-E32-1	AUGUST	ND	5.0	ND	ND	1.2	154	0.03	ND	ND	3.0	ND	ND	ND	ND
2-E33-1	MAY	ND	7.5	ND	ND	0.9	121	0.05	ND	ND	3.0	ND	ND	ND	ND
2-E33-18	MAY	ND	6.2	ND	ND	0.9	153	0.04	ND	ND	2.6	ND	ND	ND	ND
2-E33-2	JUNE	ND	8.2	ND	ND	1.0	130	0.03	ND	ND	2.7	ND	ND	ND	ND
2-E33-21	AUGUST	ND	6.6	ND	ND	1.0	154	0.02	ND	ND	2.2	ND	ND	ND	ND
2-E33-24	AUGUST	ND	5.5	ND	ND	0.7	137	0.03	ND	ND	2.3	ND	ND	ND	ND
2-E33-3	AUGUST	ND	11.3	ND	ND	1.0	198	0.06	ND	ND	3.5	ND	ND	ND	ND
2-E33-5	AUGUST	ND	9.0	ND	ND	1.2	196	0.07	ND	ND	3.2	ND	ND	ND	ND
2-E34-1	JULY	ND	2.7	4	68	3.3	300	ND	ND	ND	3.8	ND	ND	ND	ND
2-W6-1	JUNE	ND	0.7	ND	82	3.7	307	0.09	ND	ND	1.7	ND	ND	ND	ND
2-W10-4	MARCH	ND	2.3	ND	49	0.7	47	ND	ND	ND	2.6	ND	ND	ND	ND
2-W10-9	MAY	ND	11.1	ND	218	3.8	256	0.07	ND	ND	5.3	ND	ND	ND	ND
2-W12-1	JUNE	ND	1.2	ND	297	2.9	566	0.16	ND	ND	2.5	ND	ND	ND	ND
2-W14-5	MARCH	ND	1.9	ND	167	1.9	85	ND	ND	ND	3.5	ND	ND	ND	ND
2-W15-14	MARCH	ND	0.7	ND	ND	1.9	51	ND	ND	ND	2.0	ND	ND	ND	ND
2-W18-15	JULY	ND	9.3	ND	ND	1.8	95	ND	ND	ND	1.0	ND	ND	ND	ND
2-W19-1	JUNE	ND	6.5	ND	ND	1.7	72	0.06	ND	ND	6.1	ND	ND	ND	ND
2-W19-11	MARCH	ND	1.1	ND	ND	2.0	122	ND	ND	ND	1.8	ND	ND	ND	ND
2-W19-13	MARCH	ND	1.5	ND	ND	1.3	91	ND	ND	ND	1.9	ND	ND	ND	ND
2-W19-15	MARCH	ND	0.7	ND	39	1.4	118	ND	ND	ND	1.3	ND	ND	ND	ND

TABLE D.1. (contd)

(All concentrations expressed as micrograms per liter)

Well	Collected	Ge 72	As 75	Se 77	Br 81	Rb 85	Sr 88	Y 89	Zr 90	Nb 93	Mo 98	Ru 101	Rh 103	Pd 108	Ag 109
2-W19-16	MARCH	ND	0.7	ND	ND	0.8	66	ND	ND	ND	1.6	ND	ND	ND	ND
2-W19-20	JULY	ND	1.3	ND	101	3.7	1023	ND	ND	ND	1.3	ND	ND	ND	ND
2-W22-22	JULY	ND	1.2	ND	ND	2.5	139	0.04	ND	ND	5.5	ND	ND	ND	ND
2-W22-22	MARCH	ND	0.7	ND	ND	0.8	51	ND	ND	ND	2.0	ND	ND	ND	ND
2-W23-1	JUNE	ND	3.1	ND	ND	1.6	84	0.02	ND	ND	6.7	ND	ND	ND	ND
2-W23-10	MARCH	ND	1.1	ND	ND	1.1	114	ND	ND	ND	0.6	ND	ND	ND	ND
2-W23-11	JUNE	ND	8.2	ND	ND	1.8	135	0.03	ND	ND	1.8	ND	ND	ND	ND
2-W23-3	JUNE	ND	4.1	ND	ND	1.9	94	0.02	ND	ND	9.6	ND	ND	ND	ND
2-W23-7	JUNE	ND	2.8	3	74	1.1	143	0.03	ND	ND	4.4	ND	ND	ND	ND
2-W27-1	MARCH	ND	0.5	9	43	0.1	119	ND	ND	ND	1.2	ND	ND	ND	ND
3-1-1	JUNE	ND	1.1	ND	36	2.4	105	0.08	ND	ND	1.1	ND	ND	ND	ND
3-1-2	MARCH	ND	0.7	ND	ND	2.5	98	0.09	ND	ND	1.0	ND	ND	ND	ND
3-1-3	JUNE	ND	1.3	ND	57	3.3	103	0.07	ND	ND	2.2	ND	ND	ND	ND
3-1-4	JUNE	ND	0.5	ND	ND	1.8	83	0.06	ND	ND	0.8	ND	ND	ND	ND
3-1-5	MARCH	ND	0.3	ND	ND	0.9	62	0.08	ND	ND	0.7	ND	ND	ND	ND
3-1-6	APRIL	ND	0.7	ND	39	1.5	87	0.17	0.26	ND	0.6	ND	ND	ND	ND
3-1-6	MARCH	ND	0.3	ND	ND	0.9	60	0.07	ND	ND	0.7	ND	ND	ND	N
3-1-7	JUNE	ND	1.0	ND	ND	2.6	91	0.08	ND	ND	1.3	ND	ND	ND	ND
3-1-8	JUNE	ND	3.0	ND	51	5.7	114	0.09	ND	ND	7.5	ND	ND	ND	ND
3-1-9	MARCH	ND	ND	ND	ND	3.0	82	0.05	ND	ND	3.3	ND	ND	ND	ND
3-1-10	MARCH	ND	0.4	ND	ND	1.4	65	0.21	ND	ND	0.7	ND	ND	ND	ND
3-1-11	MARCH	ND	0.4	ND	ND	0.7	53	0.06	0.23	ND	0.6	ND	ND	ND	ND
3-1-12	MARCH	ND	0.4	ND	ND	1.0	56	0.21	ND	ND	0.8	ND	ND	ND	ND
3-1-12	JUNE	ND	0.8	ND	ND	1.8	76	0.05	0.18	ND	0.8	ND	ND	ND	ND
3-1-13	MARCH	ND	0.7	ND	ND	1.0	68	0.07	ND	ND	0.8	ND	ND	ND	ND
3-1-13	APRIL	ND	1.3	ND	40	1.6	104	0.11	ND	ND	1.2	ND	ND	ND	ND
3-1-14	MARCH	ND	0.3	ND	ND	0.7	54	0.31	ND	ND	0.7	ND	ND	ND	ND
3-1-15	MARCH	ND	ND	ND	ND	2.7	51	ND	ND	ND	2.3	ND	ND	ND	ND
3-1-15	APRIL	ND	2.1	ND	71	2.3	188	0.02	ND	ND	2.6	ND	ND	ND	ND
3-1-16A	JUNE	ND	1.3	ND	36	2.8	113	0.09	ND	ND	1.3	ND	ND	ND	ND
3-1-16B	JUNE	ND	1.4	ND	38	6.2	125	0.04	ND	ND	5.6	ND	ND	ND	ND

TABLE D.1. (contd)

(All concentrations expressed as micrograms per liter)

Well	Collected	Ge 72	As 75	Se 77	Br 81	Rb 85	Sr 88	Y 89	Zr 90	Nb 93	Mo 98	Ru 101	Rh 103	Pd 108	Ag 109
3-1-16C	MARCH	ND	ND	ND	ND	2.7	56	ND	ND	ND	2.4	ND	ND	ND	ND
3-1-16C	APRIL	ND	0.6	ND	ND	4.4	89	0.04	ND	ND	3.5	ND	ND	ND	ND
3-1-17A	MARCH	ND	ND	ND	ND	1.1	54	0.13	ND	ND	0.8	ND	ND	ND	ND
3-1-17B	MARCH	ND	ND	ND	ND	3.2	57	0.03	ND	ND	2.6	ND	ND	ND	ND
3-1-17C	JUNE	ND	ND	ND	ND	8.7	71	0.03	ND	ND	4.2	ND	ND	ND	ND
3-1-18A	MARCH	ND	2.1	ND	ND	1.2	122	ND	ND	ND	2.0	ND	ND	ND	ND
3-1-18B	MARCH	ND	ND	ND	ND	3.0	45	0.03	ND	ND	2.7	ND	ND	ND	ND
3-1-18C	APRIL	ND	0.6	ND	ND	4.7	70	ND	ND	ND	3.2	ND	ND	ND	ND
3-1-19	APRIL	ND	1.2	ND	38	2.4	95	0.16	1.93	ND	1.2	ND	ND	ND	ND
3-1-19	MARCH	ND	ND	ND	ND	1.0	42	0.17	2.85	ND	0.4	ND	ND	ND	ND
3-2-1	JUNE	ND	1.0	ND	ND	3.8	102	0.12	ND	ND	1.3	ND	ND	ND	ND
3-3-10	APRIL	ND	0.4	ND	41	6.0	168	0.15	ND	ND	1.4	ND	ND	ND	ND
3-3-10	MARCH	ND	0.3	ND	ND	4.3	128	0.14	ND	ND	1.1	ND	ND	ND	ND
3-3-7	MARCH	ND	1.3	ND	ND	1.1	95	ND	ND	ND	1.5	ND	ND	ND	ND
3-4-1	JUNE	ND	2.7	ND	49	2.3	166	0.06	ND	ND	2.8	ND	ND	ND	ND
3-4-11	MARCH	ND	2.0	ND	ND	1.1	100	ND	ND	ND	1.9	ND	ND	ND	ND
3-4-7	JUNE	ND	1.5	ND	42	5.1	170	0.04	ND	ND	4.4	ND	ND	ND	ND
3-8-2	MARCH	ND	3.0	ND	39	0.9	160	0.12	ND	ND	2.4	ND	ND	ND	ND
6-20-20	MARCH	ND	0.7	ND	ND	0.4	165	0.08	ND	ND	2.0	ND	ND	ND	ND
6-20-39	JUNE	ND	1.5	ND	ND	1.0	172	0.07	ND	ND	5.1	ND	ND	ND	ND
6-20-E5A	JUNE	ND	5.1	ND	ND	1.0	238	0.07	ND	ND	1.0	ND	ND	ND	ND
6-23-34	JUNE	ND	2.9	ND	60	1.2	372	0.13	ND	ND	5.6	ND	ND	ND	ND
6-24-33	MAY	ND	2.9	ND	41	1.1	306	0.05	ND	ND	5.6	ND	ND	ND	ND
6-24-34A	JUNE	ND	2.9	3	88	1.3	334	0.11	ND	ND	6.1	ND	ND	ND	ND
6-24-34B	JUNE	ND	2.4	4	55	1.2	289	0.02	ND	ND	4.2	ND	ND	ND	ND
6-24-34C	JULY	ND	2.8	ND	42	1.2	273	0.02	ND	ND	4.7	ND	ND	ND	ND
6-24-35	JULY	ND	4.0	5	64	0.8	184	ND	ND	ND	5.6	ND	ND	ND	ND
6-25-34	JULY	ND	4.0	ND	39	0.9	160	ND	ND	ND	4.7	ND	ND	ND	ND
6-29-4	JUNE	ND	6.5	ND	ND	0.6	298	0.09	ND	ND	0.7	ND	ND	ND	ND
6-32-22	JUNE	ND	3.6	ND	ND	0.6	230	0.06	ND	ND	5.8	ND	ND	ND	ND

TABLE D.1. (contd)

(All concentrations expressed as micrograms per liter)

Well	Collected	Ge 72	As 75	Se 77	Br 81	Rb 85	Sr 88	Y 89	Zr 90	Nb 93	Mo 98	Ru 101	Rh 103	Pd 108	Ag 109
6-35-9	JUNE	ND	3.9	ND	38	1.2	314	0.09	ND	ND	2.3	ND	ND	ND	ND
6-38-65	MAY	ND	2.0	3	109	3.4	372	0.08	ND	ND	5.8	ND	ND	ND	ND
6-39-79	MAY	ND	2.1	ND	ND	1.8	83	0.02	ND	ND	4.3	ND	ND	ND	ND
6-40-1	JUNE	ND	4.2	ND	37	3.0	341	0.06	ND	ND	1.8	ND	ND	ND	ND
6-40-33A	JUNE	ND	6.4	ND	ND	4.6	109	0.04	ND	ND	2.8	ND	ND	ND	ND
6-43-88	MARCH	ND			49	1.5	95	0.06	ND	ND	3.8	ND	ND	ND	ND
6-48-18	JUNE	ND	2.4	ND	47	2.5	255	ND	ND	ND	4.0	ND	ND	ND	ND
6-48-7	JUNE	ND	0.5	ND	ND	3.5	156	0.06	ND	ND	1.4	ND	ND	ND	ND
6-48-71	JUNE	ND	1.0	ND	56	1.8	113	0.02	ND	ND	2.8	ND	ND	ND	ND
6-49-57	MAY	ND	7.7	ND	ND	1.4	111	0.02	ND	ND	3.4	0.07	ND	ND	ND
6-49-57	MAY	ND	9.3	ND	ND	1.5	135	0.04	ND	ND	4.5	ND	ND	ND	ND
6-49-79	MAY	ND	1.5	ND	105	2.5	176	0.04	ND	ND	1.6	ND	ND	ND	ND
6-50-53	MAY	ND	2.9	11	221	2.5	849	0.14	ND	ND	8.4	0.14	ND	ND	ND
6-51-75	JUNE	ND	1.2	ND	ND	1.4	217	0.07	ND	ND	3.4	ND	ND	ND	ND
6-77-54	JUNE	ND	4.0	ND	38	1.0	247	ND	ND	ND	4.1	ND	ND	ND	ND
6-83-47	MAY	ND	3.3	ND	ND	1.8	282	0.17	0.26	0.04	5.2	ND	ND	ND	ND
6-89-35	JUNE	ND	4.4	ND	ND	1.6	300	ND	ND	ND	7.3	ND	ND	ND	ND
6-90-45	JUNE	ND	4.9	ND	ND	1.2	195	0.06	ND	ND	6.3	ND	ND	ND	ND
6-9-E2	JUNE	ND	11.2	ND	ND	6.5	220	0.06	ND	ND	4.2	ND	ND	ND	ND
6-S19-E12	MARCH														
6-S19-E13	MARCH	ND	2.8	ND	39	1.6	165	ND	ND	ND	2.6	ND	ND	ND	ND
6-S31-1	JUNE	ND	3.5	ND	ND	0.3	95	0.02	ND	ND	1.1	ND	ND	ND	ND
6-S3-25	JUNE	ND	4.7	ND	46	1.2	260	0.08	ND	ND	7.4	ND	ND	ND	ND
6-S6E-14A	JUNE	ND	7.5	4	105	10.6	244	0.06	ND	ND	2.4	ND	ND	ND	ND
6-S8-19	JUNE	ND	8.1	ND	66	1.1	177	0.06	ND	ND	2.1	ND	ND	ND	ND
AVERAGE BLANK		0.137	0.06	1.88	4.61	0.01	0.19	0.004	0.02	0.004	0.01	0.029	0.003	0.012	0.010
+/-		0.058	0.03	1.13	1.23	0.01	0.11	0.002	0.01	0.004	0.01	0.014	0.002	0.010	0.007
MDL		0.3	0.2	2	7	0.03	0.40	0.01	0.15	0.02	0.03	0.06	0.01	0.06	0.08

TABLE D.1. (contd)

(All concentrations expressed as micrograms per liter)

Well	Collected	Li 7	Be 9	B 10	Al 27	Ca 44	Sc 45	V 51	Cr 52	Mn 55	Fe 57	Co 59	Ni 60	Cu 63	Zn 66	Ga 69
1-H4-6	MARCH				ND		0.7		53	76	ND	0.2	ND	ND	145	0.29
1-H4-7	MARCH				11		0.5	7.8	95	ND	ND	ND	ND	ND	ND	0.07
1-H4-8	AUGUST	ND	ND	68	7	52872	1.4	6.6	93	2	ND	ND	ND	ND	ND	0.43
1-H4-9	AUGUST	ND	ND	54	6	85813	1.3	5.3	106	ND	241	ND	ND	ND	ND	0.61
1-H4-10	MARCH				ND		ND	7.8	66	ND	ND	0.2	ND	ND	ND	0.12
1-H4-11	MARCH				4		ND	9.9	40	ND	ND	ND	ND	ND	ND	0.14
1-H4-12A	JULY	ND	ND	ND	4	68612	1.8	7.0	267	ND	208	ND	ND	ND	ND	0.61
1-H4-12B	JULY	ND	ND	ND	3	53323	1.3	4.8	203	ND	ND	ND	ND	ND	ND	0.83
1-H4-12C	AUGUST	ND	ND	ND	3	21157	1.7	13.9	121	10	ND	0.2	24	ND	ND	ND
1-H4-13	AUGUST	ND	ND	ND	6	41301	1.6	4.6	30	ND	ND	ND	ND	ND	ND	0.26
1-H4-14	AUGUST	ND	ND	ND	4	30382	1.0	5.1	215	ND	ND	ND	ND	ND	ND	0.17
1-H4-15A	AUGUST	45	ND	ND	ND	36407	1.5	6.8	125	ND	ND	ND	ND	ND	ND	0.66
1-H4-15B	AUGUST	ND	ND	ND	ND	30494	1.1	6.1	102	2	ND	ND	ND	ND	15	0.60
1-H4-16	JULY	ND	ND	ND	5	51277	1.7	5.5	265	7	ND	ND	ND	ND	ND	0.25
1-H4-17	AUGUST	ND	ND	ND	106	58766	1.3	2.8	31	18	256	0.3	23	ND	ND	0.71
1-H4-18	AUGUST	ND	ND	ND	5	40077	1.1	4.1	4	ND	ND	ND	ND	ND	ND	0.22
1-K-11	APRIL	ND	ND	ND	ND	42639	1.7	18.9	32	ND	ND	0.4	17	ND	ND	0.22
1-K-20	MARCH				ND		0.4	7.5	100	ND	ND	ND	ND	ND	ND	ND
1-K-22	APRIL	ND	ND	ND	ND	43671	1.1	3.9	207	2	ND	0.2	ND	ND	290	0.18
1-K-27	APRIL	ND	ND	ND	3	33765	1.1	7.4	4	2	ND	ND	ND	ND	ND	0.21
1-K-28	APRIL	ND	ND	ND	ND	66400	2.0	11.3	5	2	ND	ND	ND	ND	ND	0.30
1-K-29	APRIL	ND	ND	ND	3	41920	1.9	12.4	3	7	ND	ND	ND	ND	ND	0.19
1-K-30	APRIL	ND	ND	ND	3	53999	1.9	9.6	4	ND	ND	ND	ND	ND	ND	0.20
1-N-14	MARCH				ND		ND	6.6	ND	ND	ND	ND	ND	ND	ND	0.09
1-N-29	MARCH				ND		ND	5.6	ND	ND	ND	ND	ND	ND	ND	ND
2-E13-5	MARCH				ND		ND	5.2	ND	ND	ND	ND	ND	ND	ND	0.06
2-E17-1	APRIL	157	ND	ND	ND	99552	2.6	19.3	ND	2	192	0.2	ND	ND	17	0.64
2-E17-5	APRIL	96	ND	ND	3	50489	2.8	23.2	ND	ND	ND	ND	ND	ND	ND	0.29
2-E17-6	APRIL	159	ND	ND	ND	28153	2.6	0.6	ND	81	256	ND	ND	ND	ND	0.59

TABLE D.1. (contd)

(All concentrations expressed as micrograms per liter)

SAMPLE ID		Cd 111	In 115	Sn 120	Sb 121	I 127	Te 128	Cs 133	Ba 138	La 139	Ce 140	Pr 141	Nd 146	Sm 152	Eu 153
1-B3-1	MAY	ND	ND	ND	0.10	1.4	ND	ND	35	ND	ND	ND	ND	ND	ND
1-B4-1	MARCH	ND	ND	ND	0.07	1.2	ND	ND	26	ND	ND	ND	ND	ND	ND
1-B4-4	APRIL	2.6	ND	ND	0.12	2.2	ND	ND	23	ND	ND	ND	ND	ND	ND
1-B5-1	JUNE	ND	ND	ND	0.12	2.1	ND	ND	35	ND	ND	ND	ND	ND	ND
1-B9-1	MARCH	ND	ND	ND	0.02	1.8	ND	ND	8	ND	ND	ND	ND	ND	ND
1-D2-5	APRIL	0.6	ND	ND	0.05	2.6	ND	ND	97	ND	ND	ND	ND	ND	ND
1-D5-12	APRIL	0.7	ND	ND	0.11	3.4	ND	ND	132	ND	ND	ND	ND	ND	ND
1-F5-1	APRIL	1.1	ND	ND	0.07	0.7	ND	ND	45	ND	ND	ND	ND	ND	ND
1-F5-3	MAY	ND	ND	ND	0.13	0.5	ND	ND	24	ND	ND	ND	ND	ND	ND
1-H3-1	MARCH	ND	ND	ND	0.09	1.4	ND	ND	34	ND	ND	ND	ND	ND	ND
1-H3-2A	JULY	ND	ND	ND	0.11	1.9	ND	ND	29	ND	ND	ND	ND	ND	ND
1-H3-2B	AUGUST	ND	ND	ND	0.12	1.1	ND	ND	33	ND	ND	ND	ND	ND	ND
1-H3-2C	MAY	0.3	ND	ND	0.10	29.3	ND	ND	25	ND	ND	ND	ND	0.06	ND
1-H3-2C	JUNE	1.1	ND	ND	0.14	25.4	ND	ND	23	ND	ND	ND	ND	ND	ND
1-H3-2C	MARCH	ND	ND	ND		4.4	ND	ND	8	0.27	0.5	0.04	0.28	0.06	ND
1-H4-3	JULY	ND	ND	ND	0.26	1.3	ND	ND	17	ND	ND	ND	ND	ND	ND
1-H4-3	MAY	ND	ND	ND	0.15	1.4	ND	ND	26	ND	ND	ND	ND	ND	ND
1-H4-3	MARCH	ND	ND	ND	0.08	1.2	ND	ND	42	ND	ND	ND	ND	ND	ND
1-H4-3	AUGUST	ND	ND	ND	0.13	1.1	ND	ND	53	ND	ND	ND	ND	ND	ND
1-H4-4	JULY	ND	ND	ND	0.17	1.0	ND	ND	46	ND	ND	ND	ND	ND	ND
1-H4-4	MAY	ND	ND	ND	0.12	0.6	ND	ND	49	ND	ND	ND	ND	ND	ND
1-H4-4	JUNE	ND	ND	ND	0.18	ND	ND	ND	24	ND	ND	ND	ND	ND	ND
1-H4-4	AUGUST	ND	ND	ND	0.14	0.8	ND	ND	67	0.07	ND	ND	ND	ND	ND
1-H4-5	MARCH	ND	ND	ND	0.08	0.7	ND	ND	46	ND	ND	ND	ND	ND	ND
1-H4-6	MARCH	ND	ND	ND	0.12	1.8	ND	ND	42	ND	ND	ND	ND	ND	ND
1-H4-7	MARCH	ND	ND	ND	0.09	0.6	ND	ND	19	ND	ND	ND	ND	ND	ND
1-H4-8	AUGUST	ND	ND	ND	0.12	1.7	ND	ND	51	ND	ND	ND	ND	ND	ND

TABLE D.1. (contd)

(All concentrations expressed as micrograms per liter)

SAMPLE ID		Cd 111	In 115	Sn 120	Sb 121	I 127	Te 128	Cs 133	Ba 138	La 139	Ce 140	Pr 141	Nd 146	Sm 152	Eu 153
1-H4-9	AUGUST	ND	ND	ND	0.12	1.3	ND	ND	92	0.06	ND	ND	ND	ND	ND
1-H4-10	MARCH	ND	ND	ND	ND	0.5	ND	ND	45	ND	ND	ND	ND	ND	ND
1-H4-11	MARCH	ND	ND	ND	0.07	ND	ND	ND	18	ND	ND	ND	ND	ND	ND
1-H4-12A	JULY	ND	ND	ND	0.12	1.1	ND	ND	65	ND	ND	ND	ND	ND	ND
1-H4-12B	JULY	ND	ND	ND	0.11	0.8	ND	ND	92	0.09	ND	ND	ND	ND	ND
1-H4-12C	AUGUST	ND	ND	ND	0.04	0.8	ND	ND	5	ND	ND	ND	ND	ND	ND
1-H4-13	AUGUST	ND	ND	ND	0.10	ND	ND	ND	25	ND	ND	ND	ND	ND	ND
1-H4-14	AUGUST	ND	ND	ND	0.09	ND	ND	ND	18	ND	ND	ND	ND	ND	ND
1-H4-15A	AUGUST	ND	ND	ND	0.08	1.1	ND	ND	83	ND	ND	ND	ND	ND	ND
1-H4-15B	AUGUST	ND	ND	ND	0.05	0.6	ND	ND	81	ND	ND	ND	ND	ND	ND
1-H4-16	JULY	ND	ND	ND	0.10	0.9	ND	ND	35	ND	ND	ND	ND	ND	ND
1-H4-17	AUGUST	ND	ND	ND	0.22	1.4	ND	ND	70	0.07	ND	ND	ND	ND	ND
1-H4-18	AUGUST	ND	ND	ND	0.12	0.6	ND	ND	23	ND	ND	ND	ND	ND	ND
1-K-11	APRIL	0.8	ND	ND	0.13	3.4	ND	ND	34	ND	ND	ND	ND	ND	ND
1-K-20	MARCH	ND	ND	ND	0.09	ND	ND	ND	10	ND	ND	ND	ND	ND	ND
1-K-22	APRIL	1.1	ND	ND	0.11	0.8	ND	ND	19	ND	ND	ND	ND	ND	ND
1-K-27	APRIL	3.1	ND	ND	0.11	0.6	ND	ND	23	ND	ND	ND	ND	ND	ND
1-K-28	APRIL	ND	ND	ND	0.08	1.8	ND	ND	38	ND	ND	ND	ND	ND	ND
1-K-29	APRIL	ND	ND	ND	0.11	0.9	ND	ND	20	ND	ND	ND	ND	ND	ND
1-K-30	APRIL	ND	ND	ND	0.09	1.4	ND	ND	27	ND	ND	ND	ND	ND	ND
1-N-14	MARCH	ND	ND	ND	0.08	ND	ND	ND	11	ND	ND	ND	ND	ND	ND
1-N-29	MARCH	ND	ND	ND	0.15	ND	ND	ND	6	ND	ND	ND	ND	ND	ND
2-E13-5	MARCH	ND	ND	ND	0.03	1.4	ND	ND	21	ND	ND	ND	ND	ND	ND
2-E17-1	APRIL	0.6	ND	ND	0.09	1.2	ND	ND	88	ND	ND	ND	ND	ND	ND
2-E17-5	APRIL	0.6	ND	ND	0.11	1.5	ND	ND	45	ND	ND	ND	ND	ND	ND
2-E17-6	APRIL	ND	ND	ND	ND	6.7	ND	ND	73	0.07	ND	ND	ND	ND	ND
2-E17-9	APRIL	ND	ND	ND	0.10	1.4	ND	ND	67	ND	ND	ND	ND	ND	ND
2-E24-12	APRIL	ND	ND	ND	0.08	1.2	ND	ND	48	ND	ND	ND	ND	ND	ND
2-E24-7	JUNE	0.4	ND	ND	0.76	3.1	ND	ND	35	ND	ND	ND	ND	ND	ND

TABLE D.1. (contd)

(All concentrations expressed as micrograms per liter)

SAMPLE ID		Cd 111	In 115	Sn 120	Sb 121	I 127	Te 128	Cs 133	Ba 138	La 139	Ce 140	Pr 141	Nd 146	Sm 152	Eu 153
2-E24-8	AUGUST	ND	ND	ND	0.16	0.7	ND	ND	36	ND	ND	ND	ND	ND	ND
2-E25-18	APRIL	ND	ND	ND	0.11	1.0	ND	ND	14	ND	ND	ND	ND	ND	ND
2-E25-20	MARCH	ND	ND	ND	0.07	1.4	ND	ND	28	ND	ND	ND	ND	ND	ND
2-E25-21	APRIL	0.5	ND	ND	0.22	3.9	ND	ND	28	ND	ND	ND	ND	ND	ND
2-E25-27	JUNE	ND	ND	ND	0.14	1.0	ND	ND	19	ND	ND	ND	ND	ND	ND
2-E25-28	JUNE	ND	ND	ND	0.14	0.7	ND	ND	16	ND	ND	ND	ND	ND	ND
2-E25-7	JUNE	ND	ND	ND	0.17	0.9	ND	ND	29	ND	ND	ND	ND	ND	ND
2-E26-1	JUNE	ND	ND	ND	0.12	1.1	ND	ND	25	ND	ND	ND	ND	ND	ND
2-E26-3	JUNE	ND	ND	ND	0.12	0.9	ND	ND	16	ND	ND	ND	ND	ND	ND
2-E27-5	MARCH	ND	ND	ND	0.04	1.3	ND	ND	13	ND	ND	ND	ND	ND	ND
2-E28-17	JUNE	ND	ND	ND	0.17	2.7	ND	ND	50	ND	ND	ND	ND	ND	ND
2-E28-7	JUNE	ND	ND	ND	0.13	0.8	ND	ND	34	ND	ND	ND	ND	ND	ND
2-E32-1	AUGUST	ND	ND	ND	0.11	0.7	ND	ND	34	ND	ND	ND	ND	ND	ND
2-E33-1	MAY	0.3	ND	ND	0.11	1.1	ND	ND	19	ND	ND	ND	ND	ND	ND
2-E33-18	MAY	ND	ND	ND	0.14	1.1	ND	ND	22	ND	ND	ND	ND	ND	ND
2-E33-2	JUNE	ND	ND	ND	0.12	ND	ND	ND	17	ND	ND	ND	ND	ND	ND
2-E33-21	AUGUST	ND	ND	ND	0.12	0.6	ND	ND	35	ND	ND	ND	ND	ND	ND
2-E33-24	AUGUST	ND	ND	ND	0.11	ND	ND	ND	25	ND	ND	ND	ND	ND	ND
2-E33-3	AUGUST	ND	ND	ND	0.14	ND	ND	ND	21	ND	ND	ND	ND	ND	ND
2-E33-5	AUGUST	ND	ND	ND	0.19	ND	ND	ND	34	ND	ND	ND	ND	ND	ND
2-E34-1	JULY	0.3	ND	ND	0.34	0.9	ND	ND	35	ND	ND	ND	ND	ND	ND
2-W6-1	JUNE	0.6	ND	ND	0.45	4.6	ND	ND	54	0.06	ND	ND	ND	ND	ND
2-W10-4	MARCH	ND	ND	ND	ND	6.3	ND	ND	13	ND	ND	ND	ND	ND	ND
2-W10-9	MAY	ND	ND	ND	ND	26.0	ND	ND	60	0.06	ND	ND	ND	ND	ND
2-W12-1	JUNE	ND	ND	ND	ND	4.1	ND	ND	62	ND	ND	ND	ND	ND	ND
2-W14-5	MARCH	ND	ND	ND	ND	5.2	ND	ND	13	ND	ND	ND	ND	ND	ND
2-W15-14	MARCH	ND	ND	ND	ND	ND	ND	ND	10	ND	ND	ND	ND	ND	ND
2-W18-15	JULY	ND	ND	ND	0.11	0.9	ND	ND	23	ND	ND	ND	ND	ND	ND
2-W19-1	JUNE	ND	ND	ND	0.13	2.6	ND	ND	20	ND	ND	ND	ND	ND	ND
2-W19-11	MARCH	ND	ND	ND	ND	2.3	ND	ND	30	ND	ND	ND	ND	ND	ND
2-W19-13	MARCH	ND	ND	ND	ND	1.8	ND	ND	19	ND	ND	ND	ND	ND	ND

TABLE D.1. (contd)

(All concentrations expressed as micrograms per liter)

SAMPLE ID		Cd 111	In 115	Sn 120	Sb 121	I 127	Te 128	Cs 133	Ba 138	La 139	Ce 140	Pr 141	Nd 146	Sm 152	Eu 153
2-W19-15	MARCH	ND	ND	ND	ND	0.3	ND	ND	22	ND	ND	ND	ND	ND	ND
2-W19-16	MARCH	ND	ND	ND	ND	ND	ND	ND	18	ND	ND	ND	ND	ND	ND
2-W19-20	JULY	0.3	ND	ND	ND	4.0	ND	ND	195	ND	ND	ND	ND	ND	ND
2-W22-22	JULY	0.8	ND	ND	ND	10.1	ND	ND	23	ND	ND	ND	ND	ND	ND
2-W22-22	MARCH	ND	ND	ND	ND	ND	ND	ND	10	ND	ND	ND	ND	ND	ND
2-W23-1	JUNE	ND	ND	ND	0.06	0.8	ND	ND	23	ND	ND	ND	ND	ND	ND
2-W23-10	MARCH	ND	ND	ND	ND	ND	ND	ND	34	ND	ND	ND	ND	ND	ND
2-W23-11	JUNE	ND	ND	ND	0.06	0.6	ND	ND	24	ND	ND	ND	ND	ND	ND
2-W23-3	JUNE	ND	ND	ND	0.06	0.9	ND	ND	20	ND	ND	ND	ND	ND	ND
2-W23-7	JUNE	0.3	ND	ND	0.04	0.8	ND	ND	33	ND	ND	ND	ND	ND	ND
2-W27-1	MARCH	ND	ND	ND	ND	ND	ND	ND	19	ND	ND	ND	ND	ND	ND
3-1-1	JUNE	ND	ND	ND	0.13	ND	ND	ND	31	ND	ND	ND	ND	ND	ND
3-1-2	MARCH	ND	ND	ND	0.11	ND	ND	ND	21	ND	ND	ND	ND	ND	ND
3-1-3	JUNE	ND	ND	ND	0.19	0.6	ND	ND	19	ND	ND	ND	ND	ND	ND
3-1-4	JUNE	ND	ND	ND	0.18	ND	ND	ND	16	ND	ND	ND	ND	ND	ND
3-1-5	MARCH	ND	ND	ND	0.12	ND	ND	ND	13	ND	ND	ND	ND	ND	ND
3-1-6	APRIL	ND	ND	ND	0.13	ND	ND	ND	18	ND	ND	ND	ND	ND	ND
3-1-6	MARCH	ND	ND	ND	0.08	ND	ND	ND	12	ND	ND	ND	ND	ND	ND
3-1-7	JUNE	ND	ND	ND	0.15	ND	ND	ND	19	ND	ND	ND	ND	ND	ND
3-1-8	JUNE	ND	ND	ND	0.28	1.2	ND	ND	26	ND	ND	ND	ND	ND	ND
3-1-9	MARCH	ND	ND	ND	0.07	63.8	ND	ND	93	0.11	0.24	0.04	0.18	0.05	ND
3-1-10	MARCH	ND	ND	ND	0.07	1.5	ND	ND	19	ND	ND	ND	ND	ND	ND
3-1-11	MARCH	ND	ND	ND	0.09	ND	ND	ND	10	ND	ND	ND	ND	ND	ND
3-1-12	MARCH	ND	ND	ND	0.09	ND	ND	ND	13	ND	ND	ND	ND	ND	ND
3-1-12	JUNE	ND	ND	ND	0.18	ND	ND	ND	14	ND	ND	ND	ND	ND	ND
3-1-13	MARCH	ND	ND	ND	0.07	ND	ND	ND	16	ND	ND	ND	ND	ND	ND
3-1-13	APRIL	ND	ND	ND	0.09	1.0	ND	ND	23	ND	ND	ND	ND	ND	ND
3-1-14	MARCH	ND	ND	ND	0.06	ND	ND	ND	12	ND	ND	ND	ND	ND	ND
3-1-15	MARCH	ND	ND	ND	ND	27.8	ND	ND	45	ND	ND	ND	ND	ND	ND
3-1-15	APRIL	ND	ND	ND	0.08	2.2	ND	ND	43	ND	ND	ND	ND	ND	ND
3-1-16A	JUNE	ND	ND	ND	0.11	ND	ND	ND	29	0.06	ND	ND	ND	ND	ND

TABLE D.1. (contd)

(All concentrations expressed as micrograms per liter)

SAMPLE ID		Cd 111	In 115	Sn 120	Sb 121	I 127	Te 128	Cs 133	Ba 138	La 139	Ce 140	Pr 141	Nd 146	Sm 152	Eu 153
3-1-16B	JUNE	ND	ND	ND	ND	29.3	ND	ND	55	ND	ND	ND	ND	0.06	ND
3-1-16C	MARCH	ND	ND	ND	ND	28.8	ND	ND	46	ND	ND	ND	ND	ND	ND
3-1-16C	APRIL	ND	ND	ND	ND	25.4	ND	ND	61	0.07	ND	ND	ND	ND	ND
3-1-17A	MARCH	ND	ND	ND	ND	ND	ND	ND	14	ND	ND	ND	ND	ND	ND
3-1-17B	MARCH	ND	ND	ND	ND	13.8	ND	ND	42	ND	ND	ND	ND	ND	ND
3-1-17C	JUNE	ND	ND	ND	ND	19.7	ND	ND	82	0.09	ND	ND	ND	ND	ND
3-1-18A	MARCH	ND	ND	ND	ND	1.4	ND	ND	30	ND	ND	ND	ND	ND	ND
3-1-18B	MARCH	ND	ND	ND	ND	28.5	ND	ND	27	ND	ND	ND	ND	ND	ND
3-1-18C	APRIL	ND	ND	ND	ND	16.9	ND	ND	60	ND	ND	ND	ND	ND	ND
3-1-19	APRIL	ND	ND	ND	0.15	1.2	ND	ND	21	ND	ND	ND	ND	ND	ND
3-1-19	MARCH	ND	ND	ND	ND	ND	ND	ND	16	0.23	0.42	0.06	0.23	0.06	ND
3-2-1	JUNE	ND	ND	ND	0.15	ND	ND	ND	43	ND	ND	ND	ND	ND	ND
3-3-10	APRIL	ND	ND	ND	0.11	0.8	ND	ND	51	ND	ND	ND	ND	ND	ND
3-3-10	MARCH	ND	ND	ND	ND	0.6	ND	ND	40	ND	ND	ND	ND	ND	ND
3-3-7	MARCH	ND	ND	ND	0.07	1.3	ND	ND	23	ND	ND	ND	ND	ND	ND
3-4-1	JUNE	ND	ND	ND	0.12	1.8	ND	ND	38	ND	ND	ND	ND	ND	ND
3-4-11	MARCH	ND	ND	ND	0.06	1.2	ND	ND	25	ND	ND	ND	ND	ND	ND
3-4-7	JUNE	ND	ND	ND	0.13	1.7	ND	ND	40	ND	ND	ND	ND	ND	ND
3-8-2	MARCH	ND	ND	ND	0.07	1.2	ND	ND	35	ND	ND	ND	ND	ND	ND
6-20-20	MARCH	ND	ND	ND	0.11	1.7	ND	ND	54	ND	ND	ND	ND	ND	ND
6-20-39	JUNE	ND	ND	ND	0.05	2.7	ND	ND	27	ND	ND	ND	ND	ND	ND
6-20-E5A	JUNE	ND	ND	ND	0.08	0.9	ND	ND	55	ND	ND	ND	ND	ND	ND
6-23-34	JUNE	0.9	ND	ND	0.08	3.3	ND	ND	82	0.09	ND	ND	ND	ND	ND
6-24-33	MAY	0.3	ND	ND	0.06	3.0	ND	ND	62	ND	ND	ND	ND	ND	ND
6-24-34A	JUNE	0.4	ND	ND	0.10	6.3	ND	ND	68	0.07	ND	ND	ND	ND	ND
6-24-34B	JUNE	0.3	ND	ND	0.08	3.8	ND	ND	72	ND	ND	ND	ND	ND	ND
6-24-34C	JULY	ND	ND	ND	0.09	3.4	ND	ND	54	ND	ND	ND	ND	ND	ND
6-24-35	JULY	1.5	ND	ND	0.11	3.4	ND	ND	44	ND	ND	ND	ND	ND	ND
6-25-34	JULY	ND	ND	ND	0.10	2.8	ND	ND	33	ND	ND	ND	ND	ND	ND
6-29-4	JUNE	ND	ND	ND	0.14	1.4	ND	ND	71	0.05	ND	ND	ND	ND	ND
6-32-22	JUNE	ND	ND	ND	0.12	3.0	ND	ND	37	0.05	ND	ND	ND	ND	ND

TABLE D.1. (contd)

(All concentrations expressed as micrograms per liter)

SAMPLE ID		Cd 111	In 115	Sn 120	Sb 121	I 127	Te 128	Cs 133	Ba 138	La 139	Ce 140	Pr 141	Nd 146	Sm 152	Eu 153
6-35-9	JUNE	ND	ND	ND	0.07	3.0	ND	ND	72	ND	ND	ND	ND	ND	ND
6-38-65	MAY	0.3	ND	ND	0.05	3.9	ND	ND	94	0.07	ND	ND	ND	ND	ND
6-39-79	MAY	ND	ND	ND	ND	1.2	ND	ND	19	ND	ND	ND	ND	ND	ND
6-40-1	JUNE	ND	ND	ND	0.10	3.1	ND	ND	65	ND	ND	ND	ND	ND	ND
6-40-33A	JUNE	ND	ND	ND	ND	19.9	ND	ND	75	0.07	ND	ND	ND	ND	ND
6-43-88	MARCH	ND	ND	ND	ND	0.8	ND	ND	27	ND	ND	ND	ND	ND	ND
6-48-18	JUNE	ND	ND	ND	0.07	1.8	ND	ND	29	ND	ND	ND	ND	ND	ND
6-48-7	JUNE	ND	ND	ND	0.07	1.0	ND	ND	26	ND	ND	ND	ND	ND	ND
6-48-71	JUNE	ND	ND	ND	ND	2.1	ND	ND	18	ND	ND	ND	ND	ND	ND
6-49-57	MAY	ND	ND	ND	0.11	ND	ND	ND	18	ND	ND	ND	ND	ND	ND
6-49-57	MAY	ND	ND	ND	0.11	1.2	ND	ND	22	ND	ND	ND	ND	ND	ND
6-49-79	MAY	ND	ND	ND	ND	2.5	ND	ND	27	ND	ND	ND	ND	ND	ND
6-50-53	MAY	0.4	ND	ND	0.05	1.7	ND	ND	61	ND	ND	ND	ND	ND	ND
6-51-75	JUNE	ND	ND	ND	0.07	2.8	ND	ND	37	0.06	ND	ND	ND	ND	ND
6-77-54	JUNE	ND	ND	ND	0.10	2.2	ND	ND	28	ND	ND	ND	ND	ND	ND
6-83-47	MAY	ND	ND	ND	0.09	2.8	ND	ND	46	0.53	1.0	0.10	0.41	0.11	ND
6-89-35	JUNE	ND	ND	ND	0.09	3.6	ND	ND	27	ND	ND	ND	ND	ND	ND
6-90-45	JUNE	ND	ND	ND	0.18	1.5	ND	ND	23	ND	ND	ND	ND	ND	ND
6-9-E2	JUNE	ND	ND	ND	0.04	9.3	ND	ND	44	ND	ND	ND	ND	ND	ND
6-S19-E12	MARCH				0.04			ND	35	ND	ND	ND	ND	ND	ND
6-S19-E13	MARCH	ND	ND	ND	0.04	1.8	ND	ND	37	ND	ND	ND	ND	ND	ND
6-S31-1	JUNE	ND	ND	ND	0.08	ND	ND	ND	11	ND	ND	ND	ND	ND	ND
6-S3-25	JUNE	ND	ND	ND	0.04	24.2	ND	ND	70	0.07	ND	ND	ND	ND	ND
6-S6E-14A	JUNE	ND	ND	ND	0.11	1.3	ND	ND	20	ND	ND	ND	ND	ND	ND
6-S8-19	JUNE	ND	ND	ND	0.13	6.2	ND	ND	45	ND	ND	ND	ND	ND	ND
AVERAGE BLANK		0.06	0.060	0.014	0.008	0.10	0.151	0.005	0.05	0.004	0.039	0.003	0.015	0.012	0.004
+/-		0.03	0.033	0.007	0.004	0.10	0.057	0.003	0.02	0.001	0.066	0.002	0.011	0.007	0.003
MDL		0.2	0.1	0.05	0.03	0.5	0.3	0.03	0.10	0.03	0.2	0.02	0.04	0.04	0.02

TABLE D.1. (contd)

(All concentrations expressed as micrograms per liter)

SAMPLE ID		Gd 158	Tb 159	Dy 163	Ho 165	Er 166	Tm 169	Yb 172	Lu 175	Hf 178	Ta 181	W 182	Re 187	Os 189	Ir 193
1-B3-1	MAY	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-B4-1	MARCH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-B4-4	APRIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-B5-1	JUNE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-B9-1	MARCH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-D2-5	APRIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-D5-12	APRIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.3	ND	ND	ND
1-F5-1	APRIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-F5-3	MAY	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-H3-1	MARCH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-H3-2A	JULY	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-H3-2B	AUGUST	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-H3-2C	MAY	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.4	ND	0.09	ND
1-H3-2C	JUNE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.4	ND	ND	ND
1-H3-2C	MARCH	ND	ND	ND	ND	ND	ND	0.07	ND	ND	ND	ND	ND	ND	ND
1-H4-3	JULY	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.3	ND	ND	ND
1-H4-3	MAY	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-H4-3	MARCH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-H4-3	AUGUST	ND	ND	ND	ND	ND	ND	0.10	ND	ND	ND	ND	ND	ND	ND
1-H4-4	JULY	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-H4-4	MAY	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-H4-4	JUNE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-H4-4	AUGUST	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-H4-5	MARCH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-H4-6	MARCH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-H4-7	MARCH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-H4-8	AUGUST	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.06	ND
1-H4-9	AUGUST	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-H4-10	MARCH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE D.1. (contd)

(All concentrations expressed as micrograms per liter)

SAMPLE ID		Gd 158	Tb 159	Dy 163	Ho 165	Er 166	Tm 169	Yb 172	Lu 175	Hf 178	Ta 181	W 182	Re 187	Os 189	Ir 193
1-H4-11	MARCH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-H4-12A	JULY	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-H4-12B	JULY	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-H4-12C	AUGUST	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-H4-13	AUGUST	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-H4-14	AUGUST	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-H4-15A	AUGUST	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-H4-15B	AUGUST	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-H4-16	JULY	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-H4-17	AUGUST	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-H4-18	AUGUST	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-K-11	APRIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.6	ND	ND	ND
1-K-20	MARCH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-K-22	APRIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.4	ND	ND	ND
1-K-27	APRIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-K-28	APRIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1-K-29	APRIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.4	ND	ND	ND
1-K-30	APRIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.4	ND	ND	ND
1-N-14	MARCH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.6	ND	ND	ND
1-N-29	MARCH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.3	ND	ND	ND
2-E13-5	MARCH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-E17-1	APRIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.6	ND	ND	ND
2-E17-5	APRIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.6	ND	ND	ND
2-E17-6	APRIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.4	ND	ND	ND
2-E17-9	APRIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	ND	ND	ND
2-E24-12	APRIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.3	ND	ND	ND
2-E24-7	JUNE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.7	ND	ND	ND
2-E24-8	AUGUST	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.6	ND	0.06	ND
2-E25-18	APRIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.7	ND	ND	ND

TABLE D.1. (contd)

(All concentrations expressed as micrograms per liter)

SAMPLE ID		Gd 158	Tb 159	Dy 163	Ho 165	Er 166	Tm 169	Yb 172	Lu 175	Hf 178	Ta 181	W 182	Re 187	Os 189	Ir 193
2-E25-20	MARCH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	ND	ND	ND
2-E25-21	APRIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.5	ND	ND	ND
2-E25-27	JUNE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.6	ND	ND	ND
2-E25-28	JUNE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.7	ND	ND	ND
2-E25-7	JUNE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.7	ND	ND	ND
2-E26-1	JUNE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.3	ND	ND	ND
2-E26-3	JUNE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.6	ND	ND	ND
2-E27-5	MARCH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.4	ND	ND	ND
2-E28-17	JUNE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.4	ND	ND	ND
2-E28-7	JUNE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.6	ND	ND	ND
2-E32-1	AUGUST	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.8	ND	ND	ND
2-E33-1	MAY	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.3	ND	ND	ND
2-E33-18	MAY	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.8	ND	ND	ND
2-E33-2	JUNE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.0	ND	ND	ND
2-E33-21	AUGUST	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.6	ND	ND	ND
2-E33-24	AUGUST	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.7	ND	ND	ND
2-E33-3	AUGUST	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1	ND	0.07	ND
2-E33-5	AUGUST	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.8	ND	ND	ND
2-E34-1	JULY	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.4	ND	ND	ND
2-W6-1	JUNE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-W10-4	MARCH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-W10-9	MAY	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	ND	ND	ND
2-W12-1	JUNE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1	ND	ND	ND
2-W14-5	MARCH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-W15-14	MARCH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-W18-15	JULY	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.4	ND	ND	ND
2-W19-1	JUNE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.3	ND	ND	ND
2-W19-11	MARCH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-W19-13	MARCH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-W19-15	MARCH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-W19-16	MARCH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE D.1. (contd)

(All concentrations expressed as micrograms per liter)

SAMPLE ID		Gd 158	Tb 159	Dy 163	Ho 165	Er 166	Tm 169	Yb 172	Lu 175	Hf 178	Ta 181	W 182	Re 187	Os 189	Ir 193
2-W19-20	JULY	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-W22-22	JULY	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-W22-22	MARCH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-W23-1	JUNE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-W23-10	MARCH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-W23-11	JUNE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-W23-3	JUNE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.3	ND	0.05	ND
2-W23-7	JUNE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.3	ND	ND	ND
2-W27-1	MARCH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-1-1	JUNE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-1-2	MARCH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-1-3	JUNE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.3	ND	0.05	ND
3-1-4	JUNE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.3	ND	ND	ND
3-1-5	MARCH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-1-6	APRIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.3	ND	ND	ND
3-1-6	MARCH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-1-7	JUNE	ND	ND	0.04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-1-8	JUNE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.6	0.10	ND	ND
3-1-9	MARCH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1	ND	ND	ND
3-1-10	MARCH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-1-11	MARCH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-1-12	MARCH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-1-12	JUNE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-1-13	MARCH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-1-13	APRIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-1-14	MARCH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-1-15	MARCH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.9	ND	ND	ND
3-1-15	APRIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-1-16A	JUNE	ND	ND	ND	ND	ND	ND	0.09	ND	ND	ND	ND	ND	ND	ND
3-1-16B	JUNE	ND	ND	0.04	ND	ND	ND	ND	ND	ND	ND	2.8	ND	ND	ND
3-1-16C	MARCH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.0	ND	ND	ND

TABLE D.1. (contd)

(All concentrations expressed as micrograms per liter)

SAMPLE ID		Gd 158	Tb 159	Dy 163	Ho 165	Er 166	Tm 169	Yb 172	Lu 175	Hf 178	Ta 181	W 182	Re 187	Os 189	Ir 193
3-1-16C	APRIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.6	ND	ND	ND
3-1-17A	MARCH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-1-17B	MARCH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.0	ND	ND	ND
3-1-17C	JUNE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.6	ND	ND	ND
3-1-18A	MARCH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-1-18B	MARCH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.0	ND	ND	ND
3-1-18C	APRIL	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.8	ND	ND	ND
3-1-19	APRIL	ND	ND	ND	ND	0.07	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-1-19	MARCH	0.06	ND	0.04	ND	ND	ND	ND	ND	0.05	ND	ND	ND	ND	ND
3-2-1	JUNE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-3-10	APRIL	ND	ND	ND	ND	0.08	0.03	0.20	0.05	ND	ND	ND	ND	ND	ND
3-3-10	MARCH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-3-7	MARCH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-4-1	JUNE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-4-11	MARCH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-4-7	JUNE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.3	ND	ND	ND
3-8-2	MARCH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6-20-20	MARCH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6-20-39	JUNE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.4	ND	ND	ND
6-20-E5A	JUNE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.3	ND	ND	ND
6-23-34	JUNE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6-24-33	MAY	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.3	ND	ND	ND
6-24-34A	JUNE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6-24-34B	JUNE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6-24-34C	JULY	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6-24-35	JULY	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.3	ND	ND	ND
6-25-34	JULY	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.6	ND	ND	ND
6-29-4	JUNE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.4	ND	ND	ND
6-32-22	JUNE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.4	ND	ND	ND
6-35-9	JUNE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.3	ND	ND	ND
6-38-65	MAY	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE D.1. (contd)

(All concentrations expressed as micrograms per liter)

SAMPLE ID		Gd 158	Tb 159	Dy 163	Ho 165	Er 166	Tm 169	Yb 172	Lu 175	Hf 178	Ta 181	W 182	Re 187	Os 189	Ir 193
6-39-79	MAY	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	ND	0.05	ND
6-40-1	JUNE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6-40-33A	JUNE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.4	ND	ND	ND
6-43-88	MARCH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6-48-18	JUNE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6-48-7	JUNE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6-48-71	JUNE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.3	ND	ND	ND
6-49-57	MAY	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.0	ND	ND	ND
6-49-57	MAY	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.9	ND	ND	ND
6-49-79	MAY	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6-50-53	MAY	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.3	0.12	ND	ND
6-51-75	JUNE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.9	ND	ND	ND
6-77-54	JUNE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	ND	ND	ND
6-83-47	MAY	ND	ND	0.06	ND	ND	ND	ND	ND	ND	ND	0.8	ND	ND	ND
6-89-35	JUNE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6-90-45	JUNE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5	ND	ND	ND
6-9-E2	JUNE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.6	ND	ND	ND
6-S19-E12	MARCH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6-S19-E13	MARCH	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6-S31-1	JUNE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
6-S3-25	JUNE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.0	ND	ND	ND
6-S6E-14A	JUNE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.8	ND	ND	ND
6-S8-19	JUNE	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.1	ND	ND	ND
AVERAGE BLANK		0.008	0.002	0.009	0.002	0.008	0.002	0.011	0.002	0.012	0.002	0.019	0.005	0.016	0.005
	+/-	0.006	0.001	0.007	0.001	0.005	0.002	0.007	0.001	0.005	0.001	0.011	0.003	0.010	0.004
	MDL	0.05	0.02	0.02	0.02	0.05	0.02	0.06	0.02	0.03	0.01	0.2	0.03	0.04	0.02

TABLE D.1. (contd)

(All concentrations expressed as micrograms per liter)

SAMPLE ID		Pt 195	Au 197	Hg 202	Tl 205	Pb 208	Bi 209	Th 232	U 235	U 238	U235/U238	Tc 99 (pCi/L)
1-B3-1	MAY	ND	ND	ND	ND	0.9	ND	ND	2.8	2.7		ND
1-B4-1	MARCH	ND	ND	ND	ND	ND	ND	ND		1.5		
1-B4-4	APRIL	ND	ND	ND	ND	ND	ND	ND	1.2	1.1		ND
1-B5-1	JUNE	ND	ND	ND	ND	0.6	ND	ND	1.3	1.5		ND
1-B9-1	MARCH	ND	ND	ND	ND	ND	ND	ND		0.7		
1-D2-5	APRIL	ND	ND	ND	ND	1.4	ND	ND	2.5	2.6		ND
1-D5-12	APRIL	ND	ND	ND	ND	ND	ND	ND	2.1	2.7		ND
1-F5-1	APRIL	ND	ND	ND	ND	ND	ND	ND	1.5	1.0		ND
1-F5-3	MAY	ND	ND	ND	ND	ND	ND	ND	0.5	0.7		ND
1-H3-1	MARCH	ND	ND	ND	ND	ND	ND	ND		5.8		
1-H3-2A	JULY	ND	ND	ND	ND	ND	ND	ND	2.9	3.3		ND
1-H3-2B	AUGUST	ND	ND	ND	ND	ND	ND	ND	2.7	2.8		ND
1-H3-2C	MAY	ND	ND	ND	ND	ND	ND	ND	0.5	1.6		ND
1-H3-2C	JUNE	ND	ND	ND	ND	ND	ND	ND	1.3	1.5		ND
1-H3-2C	MARCH	ND	ND	ND	ND	ND	ND	0.22		0.9		
1-H4-3	JULY	ND	ND	ND	ND	ND	ND	ND	206.9	148.6	1.39	1486
1-H4-3	MAY	ND	ND	ND	ND	ND	ND	ND	205.5	156.5	1.31	1982
1-H4-3	MARCH	ND	ND	ND	ND	ND	ND	ND		230.9		
1-H4-3	AUGUST	ND	ND	ND	ND	ND	ND	ND	330.5	248.4	1.33	4078
1-H4-4	JULY	ND	ND	ND	ND	ND	ND	ND	60.9	46.3	1.31	849
1-H4-4	MAY	ND	ND	ND	ND	ND	ND	ND	87.6	68.0	1.29	956
1-H4-4	JUNE	ND	ND	ND	ND	ND	ND	ND	6.7	4.4		ND
1-H4-4	AUGUST	ND	ND	ND	ND	ND	ND	ND	152.7	109.3	1.40	1998
1-H4-5	MARCH	ND	ND	ND	ND	ND	ND	ND		2.5		
1-H4-6	MARCH	ND	ND	ND	ND	ND	ND	ND		3.8		
1-H4-7	MARCH	ND	ND	ND	ND	ND	ND	ND		2.0		
1-H4-8	AUGUST	ND	ND	ND	ND	ND	ND	ND	4.3	4.1		ND
1-H4-9	AUGUST	ND	ND	ND	ND	ND	ND	ND	14.5	11.7	1.24	919
1-H4-10	MARCH	ND	ND	ND	ND	ND	ND	ND		1.9		

TABLE D.1. (contd)

(All concentrations expressed as micrograms per liter)

SAMPLE ID		Pt 195	Au 197	Hg 202	Tl 205	Pb 208	Bi 209	Th 232	U 235	U 238	U235/U238	Tc 99 (pCi/L)
1-H4-11	MARCH	ND	ND	ND	ND	ND	ND	ND		2.0		
1-H4-12A	JULY	ND	ND	ND	ND	ND	ND	ND	29.5	22.5	1.31	340
1-H4-12B	JULY	ND	ND	ND	ND	ND	ND	ND	16.8	11.7	1.44	ND
1-H4-12C	AUGUST	ND	ND	ND	ND	ND	ND	ND	1.4	1.4		ND
1-H4-13	AUGUST	ND	ND	ND	ND	ND	ND	ND	1.8	1.5		ND
1-H4-14	AUGUST	ND	ND	ND	ND	ND	ND	ND	1.4	1.7		ND
1-H4-15A	AUGUST	ND	ND	ND	ND	ND	ND	ND	1.1	2.0		ND
1-H4-15B	AUGUST	ND	ND	ND	ND	ND	ND	ND	1.9	1.5		ND
1-H4-16	JULY	ND	ND	ND	ND	ND	ND	ND	3.7	3.5		ND
1-H4-17	AUGUST	ND	ND	ND	ND	ND	ND	0.02	2.8	3.8		ND
1-H4-18	AUGUST	ND	ND	ND	ND	ND	ND	ND	1.2	1.7		ND
1-K-11	APRIL	ND	ND	ND	ND	ND	ND	ND	3.3	4.9		333
1-K-20	MARCH	ND	ND	ND	ND	ND	ND	ND		1.0		
1-K-22	APRIL	ND	ND	ND	ND	ND	ND	ND	1.2	1.5		ND
1-K-27	APRIL	ND	ND	ND	ND	0.8	ND	ND	4.2	5.9		ND
1-K-28	APRIL	ND	ND	ND	ND	ND	ND	ND	6.2	6.1		ND
1-K-29	APRIL	ND	0.06	ND	ND	ND	ND	ND	3.3	2.4		ND
1-K-30	APRIL	ND	ND	ND	ND	ND	ND	ND	3.6	2.6		ND
1-N-14	MARCH	ND	ND	ND	ND	ND	ND	ND		ND		
1-N-29	MARCH	ND	ND	ND	ND	ND	ND	ND		0.3		
2-E13-5	MARCH	ND	ND	ND	ND	ND	ND	ND		1.2		
2-E17-1	APRIL	ND	ND	ND	ND	ND	ND	ND	3.4	3.1		ND

TABLE D.1. (contd)

(All concentrations expressed as micrograms per liter)

SAMPLE ID		Pt 195	Au 197	Hg 202	Tl 205	Pb 208	Bi 209	Th 232	U 235	U 238	U235/U238	Tc 99 (pCi/L)
2-E17-5	APRIL	ND	ND	ND	ND	ND	ND	ND	8.8	8.3		394
2-E17-6	APRIL	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND
2-E17-9	APRIL	ND	ND	ND	ND	ND	ND	ND	4.4	3.7		ND
2-E24-12	APRIL	ND	ND	ND	ND	ND	ND	ND	28.1	29.8	0.94	ND
2-E24-7	JUNE	ND	ND	ND	ND	ND	ND	ND	5.9	7.0		ND
2-E24-8	AUGUST	ND	ND	ND	ND	ND	ND	ND	1.8	2.0		ND
2-E25-18	APRIL	ND	ND	ND	ND	ND	ND	ND	1.0	1.2		ND
2-E25-20	MARCH	ND	ND	ND	ND	ND	ND	ND		1.1		
2-E25-21	APRIL	ND	ND	ND	ND	ND	ND	ND	1.5	1.8		ND
2-E25-27	JUNE	ND	ND	ND	ND	ND	ND	ND	2.0	1.7		ND
2-E25-28	JUNE	ND	ND	ND	ND	ND	ND	ND	1.7	1.1		ND
2-E25-7	JUNE	ND	ND	ND	ND	ND	ND	ND	1.8	1.4		ND
2-E26-1	JUNE	ND	ND	ND	ND	ND	ND	ND	1.4	1.8		ND
2-E26-3	JUNE	ND	ND	ND	ND	ND	ND	ND	1.2	1.3		ND
2-E27-5	MARCH	ND	ND	ND	ND	ND	ND	ND		1.1		
2-E28-17	JUNE	ND	ND	ND	ND	ND	ND	ND	10.9	13.9	0.78	ND
2-E28-7	JUNE	ND	ND	ND	ND	0.6	ND	ND	3.6	3.6		302
2-E32-1	AUGUST	ND	ND	ND	ND	ND	ND	ND	4.4	3.8		ND
2-E33-1	MAY	ND	ND	ND	ND	ND	ND	ND	1.8	1.7		304
2-E33-18	MAY	ND	ND	ND	ND	ND	ND	ND	1.7	2.2		ND
2-E33-2	JUNE	ND	ND	ND	ND	ND	ND	ND	1.1	1.3		ND
2-E33-21	AUGUST	ND	ND	ND	ND	ND	ND	ND	2.5	2.1		
2-E33-24	AUGUST	ND	ND	ND	ND	ND	ND	ND	2.5	2.1		1220
2-E33-3	AUGUST	ND	ND	ND	ND	ND	ND	ND	1.7	1.9		1557
2-E33-5	AUGUST	ND	ND	ND	ND	ND	ND	ND	2.0	2.0		1633

TABLE D.1. (contd)

(All concentrations expressed as micrograms per liter)

SAMPLE ID		Pt 195	Au 197	Hg 202	Tl 205	Pb 208	Bi 209	Th 232	U 235	U 238	U235/U238	Tc 99 (pCi/L)
2-E34-1	JULY	ND	ND	ND	ND	ND	ND	ND	2.4	2.5		ND
2-W6-1	JUNE	ND	0.04	ND	ND	ND	ND	ND	2.2	1.7		ND
2-W10-4	MARCH	ND	ND	ND	ND	ND	ND	ND		0.4		
2-W10-9	MAY	ND	0.05	ND	ND	0.6	ND	ND	1.7	3.4		391
2-W12-1	JUNE	ND	0.32	ND	ND	0.7	ND	ND	ND	0.8		ND
2-W14-5	MARCH	ND	ND	ND	ND	ND	ND	0.04		0.4		
2-W15-14	MARCH	ND	ND	ND	ND	ND	ND	ND		0.6		
2-W18-15	JULY	ND	ND	ND	ND	ND	ND	ND	64.7	70.4	0.92	ND
2-W19-1	JUNE	ND	ND	ND	ND	ND	ND	ND	9.4	10.1		ND
2-W19-11	MARCH	ND	ND	ND	ND	ND	ND	ND		4649.3		
2-W19-13	MARCH	ND	ND	ND	ND	ND	ND	ND		12.5		
2-W19-15	MARCH	ND	ND	ND	ND	ND	ND	ND		183.0		
2-W19-16	MARCH	ND	ND	ND	ND	ND	ND	ND		1815.2		
2-W19-20	JULY	ND	0.07	ND	ND	ND	ND	ND	285.1	333.8	0.85	3583
2-W22-22	JULY	ND	ND	ND	ND	ND	ND	ND	0.7	0.8		ND
2-W22-22	MARCH	ND	ND	ND	ND	ND	ND	ND		0.6		
2-W23-1	JUNE	ND	ND	ND	ND	ND	ND	ND	10.9	11.8	0.92	719
2-W23-10	MARCH	ND	ND	ND	ND	0.8	ND	ND				
2-W23-11	JUNE	ND	ND	ND	ND	ND	ND	ND	19.2	21.4	0.90	ND
2-W23-3	JUNE	ND	ND	ND	ND	ND	ND	ND	5.2	7.1		572
2-W23-7	JUNE	ND	ND	ND	ND	ND	ND	ND	14.5	18.6	0.78	3905
2-W27-1	MARCH	ND	ND	ND	ND	ND	ND	ND		5.0		
3-1-1	JUNE	ND	ND	ND	ND	ND	ND	ND	21.7	19.0	1.14	ND

TABLE D.1. (contd)

(All concentrations expressed as micrograms per liter)

SAMPLE ID		Pt 195	Au 197	Hg 202	Tl 205	Pb 208	Bi 209	Th 232	U 235	U 238	U235/U238	Tc 99 (pCi/L)
3-1-2	MARCH	ND	ND	ND	ND	ND	ND	ND	11.0	11.1	0.99	
3-1-3	JUNE	ND	ND	ND	ND	ND	ND	ND	49.4	36.9	1.34	ND
3-1-4	JUNE	ND	ND	ND	ND	ND	ND	ND	33.3	24.5	1.36	
3-1-5	MARCH	ND	ND	ND	ND	ND	ND	ND	150.9	121.7	1.24	
3-1-6	APRIL	ND	ND	ND	ND	ND	ND	ND	31.9	22.6	1.41	ND
3-1-6	MARCH	ND	ND	ND	ND	ND	ND	ND	17.0	14.3	1.19	
3-1-7	JUNE	ND	ND	ND	ND	ND	ND	ND	43.8	33.8	1.30	ND
3-1-8	JUNE	ND	ND	ND	ND	ND	ND	ND	28.9	24.2	1.19	ND
3-1-9	MARCH	ND	ND	ND	ND	ND	ND	0.05		ND		
3-1-10	MARCH	ND	ND	ND	ND	ND	ND	ND	14.5	13.9	1.05	
3-1-11	MARCH	ND	ND	ND	ND	ND	ND	ND	138.3	115.0	1.20	
3-1-12	MARCH	ND	ND	ND	ND	ND	ND	ND	74.0	55.8	1.33	
3-1-12	JUNE	ND	ND	ND	ND	ND	ND	ND	46.2	33.9	1.36	ND
3-1-13	MARCH	ND	ND	ND	ND	ND	ND	ND	8.7	7.0	1.23	
3-1-13	APRIL	ND	ND	ND	ND	ND	ND	ND	20.6	16.5	1.24	ND
3-1-14	MARCH	ND	ND	ND	ND	ND	ND	ND	29.5	23.3	1.27	
3-1-15	MARCH	ND	ND	ND	ND	ND	ND	ND	3.1	2.4		
3-1-15	APRIL	ND	ND	ND	ND	ND	ND	ND	26.7	21.2	1.25	
3-1-16A	JUNE	ND	ND	ND	ND	ND	ND	ND	17.9	15.2	1.18	ND
3-1-16B	JUNE	ND	ND	ND	ND	ND	ND	ND	2.7	2.1		
3-1-16C	MARCH	ND	ND	ND	ND	ND	ND	ND	2.2	2.4		
3-1-16C	APRIL	ND	ND	ND	ND	ND	ND	ND	3.4	2.7		
3-1-17A	MARCH	ND	ND	ND	ND	ND	ND	ND	97.6	80.7	1.21	
3-1-17B	MARCH	ND	ND	ND	ND	ND	ND	ND	ND	ND		
3-1-17C	JUNE	ND	ND	ND	ND	0.7	ND	ND	ND	ND		ND

TABLE D.1. (contd)

(All concentrations expressed as micrograms per liter)

SAMPLE ID		Pt 195	Au 197	Hg 202	Tl 205	Pb 208	Bi 209	Th 232	U 235	U 238	U235/U238	Tc 99 (pCi/L)
3-1-18A	MARCH	ND	ND	ND	ND	ND	ND	ND		3.4		
3-1-18B	MARCH	ND	ND	ND	ND	ND	ND	ND		ND		
3-1-18C	APRIL	ND	ND	ND	ND	ND	ND	ND		ND		ND
3-1-19	APRIL	ND	ND	ND	ND	ND	ND	0.04	236.8	183.2	1.29	ND
3-1-19	MARCH	ND	ND	ND	ND	ND	ND	0.09	250.8	215.0	1.17	
3-2-1	JUNE	ND	ND	ND	ND	ND	ND	ND	13.0	12.8	1.02	ND
3-3-10	APRIL	ND	ND	ND	ND	ND	ND	ND	22.3	24.3	0.92	ND
3-3-10	MARCH	ND	ND	ND	ND	ND	ND	ND	18.0	19.9	0.90	
3-3-7	MARCH	ND	ND	ND	ND	ND	ND	ND	6.9	7.6		
3-4-1	JUNE	ND	ND	ND	ND	0.6	ND	ND	19.7	20.6	0.95	ND
3-4-11	MARCH	ND	ND	ND	ND	ND	ND	ND	14.2	14.4	0.99	
3-4-7	JUNE	ND	ND	ND	ND	1.0	ND	ND	64.8	61.8	1.05	ND
3-8-2	MARCH	ND	ND	ND	ND	ND	ND	ND	2.6	2.2		
6-20-20	MARCH	ND	ND	ND	ND	ND	ND	ND	4.0	4.0		
6-20-39	JUNE	ND	ND	ND	ND	ND	ND	ND	2.8	2.3		ND
6-20-E5A	JUNE	ND	ND	ND	ND	ND	ND	ND	3.8	3.8		ND
6-23-34	JUNE	ND	ND	ND	ND	0.7	ND	ND	6.3	5.0		ND
6-24-33	MAY	ND	ND	ND	ND	ND	ND	ND	4.8	5.6		ND
6-24-34A	JUNE	ND	0.04	ND	ND	0.6	ND	ND	6.3	5.0		ND
6-24-34B	JUNE	ND	ND	ND	ND	ND	ND	ND	4.7	5.1		ND
6-24-34C	JULY	ND	ND	ND	ND	ND	ND	ND	3.6	5.1		ND
6-24-35	JULY	ND	ND	ND	ND	ND	ND	ND	5.2	5.0		ND
6-25-34	JULY	ND	ND	ND	ND	0.7	ND	ND	3.2	4.1		ND
6-29-4	JUNE	ND	0.07	ND	ND	ND	ND	ND	6.2	5.8		ND

TABLE D.1. (contd)

(All concentrations expressed as micrograms per liter)

SAMPLE ID		Pt 195	Au 197	Hg 202	Tl 205	Pb 208	Bi 209	Th 232	U 235	U 238	U235/U238	Tc 99 (pCi/L)
6-32-22	JUNE	ND	ND	ND	ND	0.7	ND	ND	4.1	4.0		ND
6-35-9	JUNE	ND	0.05	ND	ND	ND	ND	ND	4.9	4.7		ND
6-38-65	MAY	ND	0.04	ND	ND	ND	ND	ND	2.0	2.4		ND
6-39-79	MAY	ND	ND	ND	ND	ND	ND	ND	7.7	8.7		ND
6-40-1	JUNE	0.05	0.09	ND	ND	ND	ND	ND	6.0	4.1		ND
6-40-33A	JUNE	ND	ND	ND	ND	ND	ND	ND	ND	1.1		ND
6-43-88	MARCH	ND	ND	ND	ND	ND	ND	ND		0.3		
6-48-18	JUNE	ND	ND	ND	ND	ND	ND	ND	3.3	2.6		ND
6-48-7	JUNE	ND	ND	ND	ND	ND	ND	ND	1.1	1.5		ND
6-48-71	JUNE	ND	ND	ND	ND	ND	ND	ND	ND	0.8		ND
6-49-57	MAY	ND	ND	ND	ND	ND	ND	ND	1.3	1.4		671
6-49-57	MAY	ND	0.04	ND	ND	ND	ND	ND	2.7	1.8		1064
6-49-79	MAY	ND	ND	ND	ND	ND	ND	ND	1.4	0.7		ND
6-50-53	MAY-87	ND	ND	ND	ND	ND	ND	ND	4.6	4.7		11552
6-51-75	JUNE	ND	ND	ND	ND	ND	ND	ND	1.0	1.1		ND
6-77-54	JUNE	ND	ND	ND	ND	ND	ND	ND	3.0	2.2		ND
6-83-47	MAY	ND	ND	ND	ND	1.9	ND	0.44	4.0	4.1		ND
6-89-35	JUNE	ND	ND	ND	ND	ND	ND	ND	5.0	4.6		ND
6-90-45	JUNE	ND	ND	ND	ND	ND	ND	ND	2.3	1.8		ND
6-9-E2	JUNE	ND	ND	ND	ND	ND	ND	ND	1.1	1.2		ND
6-S19-E12	MARCH	ND	ND	ND	ND	ND	ND	ND	2.4	2.5		
6-S19-E13	MARCH	ND	ND	ND	ND	ND	ND	ND	4.6	3.7		
6-S31-1	JUNE	ND	ND	ND	ND	ND	ND	ND	ND	0.9		ND
6-S3-25	JUNE	ND	ND	ND	ND	1.1	ND	ND	5.3	4.4		ND
6-S6E-14A	JUNE	ND	ND	ND	ND	ND	ND	ND	6.7	4.7		ND

TABLE D.1. (contd)

(All concentrations expressed as micrograms per liter)

SAMPLE ID	Pt 195	Au 197	Hg 202	Tl 205	Pb 208	Bi 209	Th 232	U 235	U 238	U235/U238	Tc 99 (pCi/L)
6-S8-19 JUNE	ND	ND	ND	ND	ND	ND	ND	1.0	3.1		ND
AVERAGE BLANK	0.014	0.013	0.75	0.003	0.21	0.004	0.003	0.4	0.1		103
+/-	0.009	0.010	0.17	0.003	0.13	0.002	0.002	0.3	0.1		66
MDL	0.04	0.03	1	0.02	0.5	0.02	0.01	0.8	0.2		300

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APPENDIX E

DATA LISTINGS

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APPENDIX E

DATA LISTINGS

This appendix contains tables listing the constituents for which samples taken during the period July through December 1987 had been analyzed and reported by United States Testing Company, Inc. (UST). Table E.1 is a key to the constituent and constituent group names used throughout the remaining tables. Some constituents appear more than once in the list in different forms (e.g., NITRATE and HNITRATE are both nitrate ion, but HNITRATE has a higher detection limit). The constituents U and U-CHEM are both total uranium, but in units of pCi/L and ppb[a], respectively. The constituent names CHROMUM and FCHROMI represent chromium analyses done on unfiltered and filtered samples, respectively.

Each monitoring well sampled on the Hanford Site from July through December 1987 was placed into one of three groups: 1) Site-wide chemical monitoring wells (Tables E.2 and E.3), 2) compliance monitoring wells (Tables E.4 and E.5), and 3) additional Site-wide radiological and nitrate monitoring wells that were not in either of the other two networks (Tables E.6 and E.7).

Most wells were sampled once during each quarter. Some exceptions included a few wells that were sampled monthly, wells that were dropped from the chemical network after three sampling periods, and wells that were sampled semiannually for radiological constituents. Compliance monitoring in the 100-H and 300 Areas is conducted monthly and quarterly, respectively.

Tables E.3, E.5, and E.7 contain all chemical results (above detection levels) and radiochemical results (for which the result is at least as large as the counting error). Blank spaces in the tables or constituents missing

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(a) The conversion from ppb uranium to pCi/L uranium is approximately 0.699 for natural uranium. Other conversion factors may be calculated where the isotopic composition has been measured [e.g., Law, Serkowski, and Schatz (1987) report a conversion factor of 0.679 for their data].

from the first column indicate that the results did not meet these criteria. The letters "NR" in the tables indicate that the analysis was not requested or the results had not yet been reported by the laboratory at the time of writing.

Analyses were performed by UST following approved procedures (EPA 1982) or other standard methods. Specific conductance, pH, and temperature were measured in the field at the time of collection, in accordance with documented procedures. The analytical procedures have been described elsewhere (Jaquish and Mitchell 1988, Appendix C).

The following symbols are used in Tables E.3 and E.7:

* - Value exceeds primary drinking water standard.
\# - Value exceeds proposed primary drinking water standard.
\+ - Value exceeds screening level for further investigation.
0 - Detection limit was not available for comparison.
NR - Analysis not requested ro not yet reported.
Values in { } are counting errors for radionuclides.
Water standard (S) in parentheses are proposed.

TABLE E.1. Key to Constituent and Constituent Group Names Used in Tables E.2, E.3, E.4, E.5, E.6, and E.7

Individual Constituents

Name in Tables	Units	Full Name
12PRDOL	ppb	12-Propanediol
ACETONE	ppb	Acetone
ALKALIN	ppb	Total alkalinity, as CaCO3
ALPHA	pCi/L	Gross alpha
AMMONIU	ppb	Ammonium ion
BETA	pCi/L	Gross beta
C-14	pCi/L	Carbon-14
CITRUSR	ppb	Citrus red
COLIFRM	MPN(a)	Coliform bacteria
CONDFLD	μmho	Specific conductance, field
CONDLAB	μmho	Specific conductance, laboratory
CYANIDE	ppb	Cyanide
DIOXIN	ppb	Dioxin
ETHYGLY	ppb	Ethylene glycol
HNITRAT	ppb	Nitrate, high DL(b)
I-129DW	pCi/L	Iodine-129 (for drinking water regs)
LFLUORD	ppb	Fluoride, low DL
LHYDRAZ	ppb	Hydrazine, low DL
LPHENOL	ppb	Phenol, low DL
NI-63	pCi/L	Nickel-63
PERCHLO	ppb	Perchlorate
PH-LAB		pH, laboratory
PHFIELD		pH, field
RADIUM	pCi/L	Total radium
SR-90	PCi/L	Strontium-90
STYRENE	ppb	Styrene
SULFIDE	ppb	Sulfide
TC	ppb	Total carbon
TC-99	pCi/L	Technetium-99
TDS	ppb	Total dissolved solids
TOC	ppb	Total organic carbon
TOX	ppb	Total organic halogen
TOXLDL	ppb	Total organic halogens, low DL
TRITIUM	pCi/L	Tritium (H-3)
U	pCi/L	Uranium
U-CHEM	μg/L(c)	Urnaium, chemical
UNKNOWN	ppb	Unknown

(a) MPN is most probable number.
(b) DL is detection limit.
(c) μg/L equals ppb.

TABLE E.1. (contd)

Group: ANIONS = Ion Chromatography

Name in Tables	Units	Full Name
CHOLORID	ppb	Chloride
FLUORID	ppb	Fluoride
NITRATE	ppb	Nitrate
PHOSPHA	ppb	Phosphate
SULFATE	ppb	Sulfate

Group: ANIONSE = Ion Chromatography, enhanced list

Name in Tables	Units	Full Name
BROMIDE	ppb	Bromide
NITRITE	ppb	Nitrite

Group: DIRAQIN = Direct Aqueous Injection

Name in Tables	Units	Full Name
ACRYIDE	ppb	Acrylamide
ALLYLAL	ppb	Allyl alcohol
CHLACET	ppb	Chloroacetaldehyde
CHLPROP	ppb	3-Chloropropionitrile
ETHCARB	ppb	Ethyl carbamate
ETHCYAN	ppb	Ethyl cyanide
HYDRAZI	ppb	Hydrazine
ISOBUTY	ppb	Isobutyl alcohol
PARALDE	ppb	Paraldehyde
PROPYLA	ppb	n-Propylamine
PROPYNO	ppb	2-Propyn-1-ol

Group: GAMMA = Gamma Scan

Name in Tables	Units	Full Name
CO-60	pCi/L	Cobalt-60
CS-137	pCi/L	Cesium-137
RU-106	pCi/L	Ruthenium-106
SB-125	pCi/L	Anthimony-125

Group: HERB = Herbicides

Name in Tables	Units	Full Name
2,4,5TP	ppb	2,4,5-TP silvex
2,4-D	ppb	2,4-D [2,4-Dichlorophenoxyacetic acid]

TABLE E.1. (contd)

Group: HERBE = Herbicides, enhanced list

Name in Tables	Units	Full Name
2,4,5-T	ppb	2,4,5-T

Group: ICPMT = ICP Metals, unfiltered

Name in Tables	Units	Full Name
ALUMNUM	ppb	Aluminum
BARIUM	ppb	Barium
CAMIUM	ppb	Cadmium
CALCIUM	ppb	Calcium
CHROMUM	ppb	Chromium
COPPER	ppb	Copper
IRON	ppb	Iron
MAGNES	ppb	Magnesium
MANGESE	ppb	Manganese
NICKEL	ppb	Nickel
POTASUM	ppb	Potassium
SILVER	ppb	Silver
SODIUM	ppb	Sodium
VANADUM	ppb	Vanadium
ZINC	ppb	Zinc

Group: ICPMTE = ICP Metals, unfiltered, enhanced list

Name in Tables	Units	Full Name
ANTIONY	ppb	Antimony
BERYLUM	ppb	Beryllium
STRONUM	ppb	Strontium

Group: ICPMTF = ICP Metals, filtered

Name in Tables	Units	Full Name
FALUMIN	ppb	Aluminum, filtered
FBARIUM	ppb	Barium, filtered
FCADMIU	ppb	Cadmium, filtered
FCALCIU	ppb	Calcium, filtered
FCHROMI	ppb	Chromium, filtered
FCOPPER	ppb	Copper, filtered
FIRON	ppb	Iron, filtered
FMAGNES	ppb	Magnesium, filtered
FMANGAN	ppb	Manganese, filtered
FNICKEL	ppb	Nickel, filtered
FPOTASS	ppb	Potassium, filtered

TABLE E.1. (contd)

Group: ICPMTF = ICP Metals, filtered (contd)

Name in Tables	Units	Full Name
FSILVER	ppb	Silver, filtered
FSODIUM	ppb	Sodium, filtered
FVANADI	ppb	Vanadium, filtered
FZINC	ppb	Zinc, filtered

Group: ICPMTFE = ICP Metals, filtered, enhanced list

Name in Tables	Units	Full Name
FANTIMO	ppb	Antimony, filtered
FBERYLL	ppb	Beryllium, filtered
FSTRONT	ppb	Strontium, filtered

Group: OMET = Other metals

Name in Tables	Units	Full Name
ARSENIC	ppb	Arsenic
LEADGF	ppb	Lead (graphite furnace)
MERCURY	ppb	Mercury
SELENUM	ppb	Selenium

Group: OMETE = Other metals, enhanced list

Name in Tables	Units	Full Name
THALIUM	ppb	Thallium

Group: OMETF = Other metals, filtered

Name in Tables	Units	Full Name
FARSENI	ppb	Arsenic, filtered
FLEAD	ppb	Lead, filtered
FMERCUR	ppb	Mercury, filtered
FSELENI	ppb	Selenium, filtered

Group: OMETFE = Other metals, filtered, enhanced list

Name in Tables	Units	Full Name
FTHALLI	ppb	Thallium, filtered

TABLE E.1. (contd)

Group: PCBS = Polychlorinated biphenyls

Name in Tables	Units	Full Name
AR1016	ppb	Arochlor 1016
AR1221	ppb	Arochlor 1221
AR1232	ppb	Arochlor 1232
AR1242	ppb	Arochlor 1242
AR1248	ppb	Arochlor 1248
AR1254	ppb	Arochlor 1254
AR1260	ppb	Arochlor 1260

Group: PEST = Pesticides

Name in Tables	Units	Full Name
ENDRIN	ppb	Endrin
METHLOR	ppb	Methoxychlor
TOXAENE	ppb	Toxaphene
a-BHC	ppb	Lindane, alpha-BHC
b-BHC	ppb	Lindane, beta-BHC
d-BHC	ppb	Lindane, delta-BHC
g-BHC	ppb	Lindane, gamma-BHC

Group: PESTE = Pesticides, enhanced list

Name in Tables	Units	Full Name
ALDRIN	ppb	Aldrin
CHLLATE	ppb	Chlorobenzilate
CHLOANE	ppb	Chlordane
DDD	ppb	DDD
DDE	ppb	DDE
DDT	ppb	DDT
DIELRIN	ppb	Dieldrin
END01	ppb	Endosulfan I (alpha)
END02	ppb	Endosulfan II (beta)
HEPTIDE	ppb	Heptachlor epoxide
HEPTLOR	ppb	Heptachlor

TABLE E.1. (contd)

Group: PHOSPST = Phosphorus pesticides

Name in Tables	Units	Full Name
CARBPHT	ppb	Carbophenothion
DIMETHO	ppb	Dimethoate
DISULFO	ppb	Disulfoton
METHPAR	ppb	Methyl parathion
PARATHI	ppb	Parathion
TETEPHY	ppb	Tetraethylpyrophosphate

Group: PU-ISO = Plutonium Isotopes

Name in Tables	Units	Full Name
PU-238	pCi/L	Plutonium-238
PU39-40	pCi/L	Plutonium-239,240

Group: SEMVOL - Semivolatile Organics

Name in Tables	Units	Full Name
12-dben	ppb	1,2-Dichlorobenzene
1234TE	ppb	1,2,3,4-Tetrachlorobenzene
1235TE	ppb	1,2,3,5-Tetrachlorobenzene
123TRI	ppb	1,2,3-Trichlorobenzene
13-dben	ppb	1,3-Dichlorobenzene
135TRI	ppb	1,3,5-Trichlorobenzene
14-dben	ppb	1,4-Dichlorobenzene
HEXACHL	ppb	Hexachlorophene
HEXCBEN	ppb	Hexachlorobenzene
KEROSEN	ppb	Kerosene
NAPHTHA	ppb	Naphthalene
PENTCHB	ppb	Pentachlorobenzene
PHENOL	ppb	Phenol
TETRCHB	ppb	1,2,4,5-Tetrachlorobenzene
TRIBUPH	ppb	Tributylphosphoric acid
TRICHLB	ppb	1,2,4-Trichlorobenzene

Group: SEMVOLE = Semivolatile Organics, enhanced list

Name in Tables	Units	Full Name
1-napha	ppb	1-Naphthylamine
2-napha	ppb	2-Naphthylamine
24-dchp	ppb	2,4-Dichlorophenol
24-dint	ppb	2,4-Dinitrotoluene
245-trp	ppb	2,4,5-Trichlorophenol
246-trp	ppb	2,4,6-Trichlorophenol

TABLE E.1. (contd)

Group: SEMVOLE = Semivolatile Organics, enhanced list (contd)

Name in Tables	Units	Full Name
26-dchp	ppb	2,6-Dichlorophenol
26-dint	ppb	2,6-Dinitrotoluene
ACEFENE	ppb	2-Acetylaminofluorene
ACETOPH	ppb	Acetophenone
AMIISOX	ppb	5-(Aminomethyl)-3-isoxazolol
AMINOYL	ppb	4-Aminobiphenyl
AMITROL	ppb	Amitrole
ANILINE	ppb	Aniline
ARAMITE	ppb	Aramite
AURAMIN	ppb	Auramine
BENDICM	ppb	Benzene, dichloromethyl
BENDINE	ppb	Benzidine
BENTHOL	ppb	Benzenethiol
BENZAAN	ppb	Benz[a]anthracene
BENZBFL	ppb	Benzo[b]fluoranthene
BENZCAC	ppb	Benz[c]acridine
BENZCHL	ppb	Benzyl chloride
BENZJFL	ppb	Benzo[j]fluoranthene
BENZOPY	ppb	Benzo[a]pyrene
BIS2CHE	ppb	Bis(2-chloroethyl) ether
BIS2CHM	ppb	Bis(2-chloroethoxy) methane
BIS2EPH	ppb	Bis (2-ethylhexyl) phthalate
BIS2ETH	ppb	Bis(2-chloroisopropyl) ether
BROPHEN	ppb	4-Bromophenyl phenyl ether
BUTBENP	ppb	Butyl benzyl phthalate
BUTDINP	ppb	2-sec-Butyl-4,6-dinitrophenol (DNBP)
CHALETH	ppb	Chloroalkyl ethers
CHLANIL	ppb	p-Chloroaniline
CHLCRES	ppb	p-Chloro-m-cresol
CHLEPOX	ppb	1-Chloro-2,3-epoxypropane
CHLNAPH	ppb	2-Chloronaphthalene
CHLNAPZ	ppb	Chlornaphazine
CHLPHEN	ppb	2-Chlorophenol
CHRYSEN	ppb	Chrysene
CRESOLS	ppb	Cresols
CYCHDIN	ppb	2-Cyclohexyl-4,6-dinitrophenol
DIBAEPY	ppb	Dibenzo[a,e]pyrene
DIBAHAC	ppb	Dibenzo[a,h]acridine
DIBAHAN	ppb	Dibenz[a,h]anthracene
DIBAHPY	ppb	Dibenzo[a,h]pyrene
DIBAIPY	ppb	Dibenzo[a,i]pyrene
DIBAJAC	ppb	Dibenz[a,j]acridine
DIBCGCA	ppb	7H-Dibenzo[c,g]carbazole
DIBPHTH	ppb	Di-n-butyl phthalate
DICHBEN	ppb	3,3′-Dichlorobenzidine

TABLE E.1. (contd)

Group: SEMVOLE = Semivolatile Organics, enhanced list (contd)

Name in Tables	Units	Full Name
DIEPHTH	ppb	Diethyl phthalate
DIHYSAF	ppb	Dihydrosafrole
DIMBENZ	ppb	7,12-Dimethylbenz[a]anthracene
DIMEAMB	ppb	p-Dimethylaminoazobenzene
DIMETHB	ppb	3,3'-Dimethoxybenzidine
DIMEYLB	ppb	3,3'-Dimethylbenzidine
DIMPHAM	ppb	alpha, alpha-Dimethylphenethylamine
DIMPHEN	ppb	2,4-Dimethylphenol
DIMPHTH	ppb	Dimethyl phthalate
DINBENZ	ppb	Dinitrobenzene
DINCRES	ppb	4,6-Dinitro-o-cresol and salts
DINPHEN	ppb	2,4-Dinitrophenol
DIOPHTH	ppb	Di-n-octyl phthalate
DIPHAMI	ppb	Diphenylamine
DIPHHYD	ppb	1,2-Diphenylhydrazine
DIPRNIT	ppb	Di-n-propylnitrosamine
ETHMETS	ppb	Ethyl methanesulfonate
ETHMINE	ppb	Ethyleneimine
FLUORAN	ppb	Fluoranthene
HEXAENE	ppb	Hexachloropropene
HEXCBUT	ppb	Hexachlorobutadiene
HEXCCYC	ppb	Hexachlorocyclopentadiene
HEXCETH	ppb	Hexachloroethane
INDENOP	ppb	Indeno(1,2,3-cd)pyrene
ISOSOLE	ppb	Isosafrole
MALHYDR	ppb	Maleic hydrazide
MALOILE	ppb	Malononitrile
MELPHAL	ppb	Melphalan
METACTO	ppb	2-Methyllactonitrile
METAZIR	ppb	2-Methylaziridine
METBISC	ppb	4,4'-Methylenebis(2-chloroaniline)
METCHAN	ppb	3-Methylcholanthrene
METHAPY	ppb	Methapyrilene
METHIOU	ppb	Methylthiouracil
METHNYL	ppb	Metholonyl
METMSUL	ppb	Methyl methanesulfonate
METPROP	ppb	2-Methyl-2-(methylthio) propionaldehyde-
NAPHQUI	ppb	1,4-Naphthoquinone
NICOTIN	ppb	Nicotinic acid
NITBENZ	ppb	4-Nitrobenzene
NITPHEN	ppb	p-Nitroaniline
NITRANI	ppb	p-Nitroaniline
NITRPYR	ppb	Nitrosopyrrolidine
NITRTOL	ppb	5-Nitro-o-toluidine
NNIBUTY	ppb	N-nitrosodi-n-butylamine

TABLE E.1. (contd)

Group: SEMVOLE = Semivolatile Organics, enhanced list (contd)

Name in Tables	Units	Full Name
NNIDIEA	ppb	N-nitrosodiethanolamine
NNIDIEY	ppb	N-nitrosodimethylamine
NNIDIME	ppb	N-nitrosodimethylamine
NNIMETH	ppb	N-nitrosomethylethylamine
NNIMORP	ppb	N-nitrosomorpholine
NNINICO	ppb	N-nitrosonornicotine
NNIPIPE	ppb	N-nitrosopiperidine
NNIURET	ppb	N-nitroso-n-methylurethane
NNIVINY	ppb	N-nitrosomethylvinylamine
OTOLHYD	ppb	o-Toluidine hydrochloride
PBENZQU	ppb	p-Benzoquinone
PENTCHN	ppb	Pentachloronitrobenzene
PENTCHP	ppb	Pentachlorophenol
PHENINE	ppb	Phenylenediamine
PHENTIN	ppb	Phenacetin
PHTHEST	ppb	Phthalic acid esters
PICOLIN	ppb	2-Picoline
PRONIDE	ppb	Pronamide
RESERPI	ppb	Reserpine
RESORCI	ppb	Resorcinol
SAFROL	ppb	Safrol
STRYCHN	ppb	Strychnine
SYMTRIN	ppb	Sym-trinitrobenzene
TETRCHP	ppb	2,3,4,6-Tetrachlorophenol
THIONOX	ppb	Thiofanox
THIURAM	ppb	Thiuram
TOLUDIA	ppb	Toluenediamine
TRIPHOS	ppb	O,o,o-triethyl phosphorothioate
TRISPHO	ppb	Tris(2,3-dibromopropyl) phosphate
WARFRIN	ppb	Warfarin

Group: THIOE = Thiourea, enhanced list

Name in Tables	Units	Full Name
ACETREA	ppb	1-Acetyl-2-thiourea
CHLOREA	ppb	1-(o-Chlorophenyl) thiourea
DIETROL	ppb	Diethylstilbesterol
ETHYREA	ppb	Ethylenethiourea
NAPHREA	ppb	1-Naphthyl-2-thiourea
PHENREA	ppb	N-phenylthiourea
THIOURA	ppb	Thiourea

TABLE E.1. (contd)

Group: U-ISO = Uranium Isotopes

Name in Tables	Units	Full Name
U-234	pCi/L	Uranium-234
U-235	pCi/L	Uranium-235
U-238	pCi/L	Uranium-238

Group: VOLORG = Volatile Organics

Name in Tables	Units	Full Name
1,1,1-T	ppb	1,1,1-Trichloroethane
1,1,2-T	ppb	1,1,2-Trichloroethane
CHLFORM	ppb	Chloroform [Trichloromethane]
HEXONE	ppb	Hexone
M-XYLE	ppb	Xylene-m
METHONE	ppb	Methyl ethyl ketone
METHYCH	ppb	Methylene chloride
OPXYLE	ppb	Xylene-o,p
PERCENE	ppb	Perchloroethylene [Tetrachloroethene]
TETRANE	ppb	Tetrachloromethane [Carbon Tetrachloride]
TRICENE	ppb	Trichloroethylene [1,1,2-Trichloroethene]

Group: VOLORGE = Volatile Organics, enhanced list

Name in Tables	Units	Full Name
1,1-DIC	ppb	1,1-Dichloroethane
1,2-DIC	ppb	1,2-Dichloroethane
1112-tc	ppb	1,1,1,2-Tetrachlorethane
1122-tc	ppb	1,1,2,2-Tetrachlorethane
123-trp	ppb	1,2,3-Trichloropropane
ACETILE	ppb	Acetonitrile
ACROLIN	ppb	Acrolein
ACRYILE	ppb	Acrylonitrile
BENZENE	ppb	Benzene
BISTHER	ppb	Bis(chloromethyl) ether
BROMONE	ppb	Bromoacetone
BROMORM	ppb	Bromoform [Tribromomethane]
CARBIDE	ppb	Carbon disulfide
CHLBENZ	ppb	Chlorobenzene
CHLTHER	ppb	2-Chloroethyl vinyl ether
CHMTHER	ppb	Chloromethyl methyl ether
CROTONA	ppb	Crotonaldehyde
DIBRCHL	ppb	1,2-Dibromo-3-chloropropane
DIBRETH	ppb	1,2-Dibromoethane
DIBRMET	ppb	Dibromomethane
DIBUTEN	ppb	1,4-Dichloro-2-butene

TABLE E.1. (contd)

Group: VOLORGE = Volatile Organics, enhanced list (contd)

Name in Tables	Units	Full Name
DICDIFM	ppb	Dichlorodifluoromethane
DICETHY	ppb	1,1-Dichloroethylene
DICPANE	ppb	1,2-Dichloropropane
DICPENE	ppb	1,3-Dichloropropene
DIETHY	ppb	Diethylarsine
DIOXANE	ppb	DIOXANE
ETHMETH	ppb	Ethyl methacrylate
ETHOXID	ppb	Ethylene oxide
FORMALN	ppb	Formalin
HYDRSUL	ppb	Hydrogen sulfide
IODOMET	ppb	Iodomethane
METACRY	ppb	Methyl methacrylate
METHACR	ppb	Methacrylonitrile
METHBRO	ppb	Methyl bromide
METHCHL	ppb	Methyl chloride [Chloromethane]
METHTHI	ppb	Methanethiol
NNDIEHY	ppb	N,N-diethylhydrazine
PENTACH	ppb	Pentachloroethane
PYRIDIN	ppb	Pyridine
TOLUENE	ppb	Toluene
TRANDCE	ppb	trans-1,2-Dichloroethene
TRCMEOL	ppb	Trichloromethanethiol
TRCMFLM	ppb	Trichloromonofluoromethane
TRCPANE	ppb	Trichloropropane
VINYIDE	ppb	Vinyl chloride

TABLE E.2. Constituents Analyzed for in Ground-Water Samples from Site-Wide Chemical Monitoring Wells

WELL NAME	ALKALINITY	ALUMINUM	CHLORIDE	CHLOROFORM	HARDNESS	FLUORIDE	PHENOLICS	PH	SULFATE	TEMPERATURE	TOTAL ORGANIC CARBON	TOTAL ORGANIC HALOGEN	ARSENIC	BARIUM	CADMIUM	CHROMIUM	IRON	LEAD	MANGANESE	MERCURY	SILVER	SODIUM	VANADIUM	ZINC	BENZENE	CARBON TETRACHLORIDE	1,4-DICHLOROBENZENE	1,1-DICHLOROETHANE	1,2-DICHLOROETHANE	1,1-DICHLOROETHYLENE	TRANS-1,2-DICHLOROETHYLENE	METHYLENE CHLORIDE	1,1,2,2-TETRACHLOROETHANE	TETRACHLOROETHYLENE	1,1,1-TRICHLOROETHANE	1,1,2-TRICHLOROETHANE	TRICHLOROETHYLENE	VINYL CHLORIDE	XYLENES
1-B3-1	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X		X	X	X	X					X	X	X	X						
1-F5-4	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X		X	X	X	X	X				X	X	X	X						
1-F7-1	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X		X	X	X	X					X	X	X	X						
1-N-28	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X		X	X	X	X	X				X	X	X	X						
2-E13-5	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X		X	X	X	X	X				X	X	X	X						
2-E13-14	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X		X	X	X	X	X				X	X	X	X						
2-E16-2	X	X	X	X	X		X	X		X	X	X	X	X	X			X		X	X	X	X	X	X	X				X	X		X						
2-E17-1	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X		X	X	X	X	X				X		X	X						
2-E17-9	X	X	X	X	X		X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X		X		X				
2-E17-12	X	X	X	X	X		X	X		X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X				X	X	X	X		X	X			
2-E24-2	X	X	X	X	X		X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X				X	X		X	X					
2-E25-19	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X		X	X	X	X	X					X		X						
2-E25-20	X	X	X	X	X		X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X		X						
2-E25-21	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X		X	X	X	X	X					X		X						
2-E25-23	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X		X	X		X	X	X	X	X					X		X						
2-E25-24	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X		X	X	X	X	X					X		X						
2-E26-5	X	X	X	X			X	X		X	X	X	X	X	X			X		X	X	X	X							X									
2-E28-7	X	X	X	X	X		X	X		X	X	X	X	X	X			X		X	X	X	X	X	X	X				X	X	X	X	X		X	X		
2-E28-13	X	X	X	X			X	X		X	X	X	X	X		X	X	X	X	X	X	X	X		X	X					X		X						
2-E28-18	X	X	X	X	X		X	X		X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X					X	X		X		X	X		
2-E28-21	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X		X	X	X	X	X					X		X			X	X		
2-E28-23	X	X	X	X	X		X	X		X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X		X	X		
2-E32-1	X	X	X	X	X		X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X						X		X						
2-E33-1A	X	X	X	X	X		X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X					X	X	X	X	X				
2-E33-3	X	X	X	X	X		X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X					X	X		X	X				
2-E33-5	X	X	X	X	X		X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X					X	X	X	X	X				
2-E33-10	X	X	X	X	X		X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X					X	X		X	X				
2-E34-1	X	X	X	X			X	X		X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X					X		X						

TABLE E.2. (contd)

WELL NAME	ALKALINE	ACMONIA	CODNFUDED	CHYNIRATD	HNTUOARB	LFLRDE	PHFIELD	PHLA	STYRENE	TOC	TOLUENE	TANICLOR	INICPPT	ICPMTFE	OMEMTFT	OMEMTFL	SEMVOLE	SEVOLGE	VOLRGEA	VOLPHAA	BCE	GAM	I129DW	NI63	PUISO	PRADUM	ASDIUM	TRCI90	TRIU	UCMU	UIS
2-W10-4	X	X	X	X	X		X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X		X	X	
2-W10-9	X	X	X	X	X		X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X		X	X	
2-W11-7	X	X	X	X			X	X		X	X	X	X	X	X		X	X	X	X	X	X					X					
2-W11-14	X	X	X	X			X	X		X	X	X	X	X	X		X	X	X	X	X	X					X					
2-W14-2	X	X	X	X	X		X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	
2-W14-5	X	X	X	X	X		X	X		X	X	X	X	X	X	X	X	X	X	X		X	X				X	X		X	X	
2-W14-6	X	X	X	X	X	X	X	X		X	X	X	X		X	X		X	X	X	X	X	X					X		X	X	
2-W14-10	X	X	X	X	X		X	X		X	X	X	X	X		X	X	X	X	X	X	X	X				X	X		X		
2-W15-4	X	X	X	X	X		X	X		X	X	X	X	X	X	X	X	X	X	X	X		X				X	X	X	X	X	
2-W15-7	X	X	X	X	X		X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X		X		
2-W15-8	X	X	X	X			X	X		X	X	X	X	X		X		X	X	X	X	X					X					
2-W15-10	X	X	X	X	X		X	X		X	X	X	X	X	X	X	X	X	X	X	X	X					X			X		
2-W15-11	X	X	X	X	X		X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X				X	X		X		
2-W15-12	X	X	X	X			X	X		X	X	X	X	X		X		X	X	X	X						X					
2-W18-4	X	X	X	X			X	X		X	X	X	X	X		X		X	X	X	X						X					
2-W18-5	X	X	X	X			X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X				X					
2-W18-9	X	X	X	X	X		X	X		X	X	X	X	X		X		X	X	X	X	X	X				X					
2-W18-15	X	X	X	X	X		X	X		X	X	X	X	X		X	X	X	X	X	X	X	X		X			X	X		X	X	X
2-W18-17	X	X	X	X	X		X	X		X	X	X	X	X	X			X		X	X	X	X	X	X			X					
2-W19-3	X	X	X	X	X		X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2-W19-9	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X	X	X	X	X	X			X	X	X	X	X
2-W19-11	X	X	X	X	X		X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X
2-W19-13	X	X	X	X	X		X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X			X	X		X	X	
2-W19-15	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X	X	X	X	X	X				X	X	X	X	X
2-W19-16	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X	X	X	X	X	X				X	X	X	X	X
2-W19-18	X	X	X	X	X		X	X		X	X	X	X	X		X	X	X	X	X	X	X	X		X			X	X	X	X	X	X
2-W19-20	X	X	X	X	X		X	X		X	X	X	X	X		X	X	X	X	X	X	X	X		X			X	X	X	X	X	X
2-W19-21	X	X	X	X	X		X	X		X	X	X	X	X		X	X	X	X	X	X	X	X		X		X	X	X		X	X	X
2-W19-24	X	X	X	X	X		X	X		X	X	X	X	X		X	X	X	X	X	X	X	X		X		X	X	X	X	X		X
2-W22-1	X	X	X	X	X		X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X		X			X	X		X	X	
2-W22-20	X	X	X	X	X		X	X		X	X	X	X	X	X	X	X	X	X	X	X		X	X	X			X	X		X	X	

TABLE E.2. (contd)

WELLNAME	ALKALIN	AMMONIU	CONDFLD	CYANIDE	HNITRAT	LFLUORD	PHFIELD	PH LAB	STYRENE	TC	TOC	TOXLDL	ANIONS	ICPMT	ICPMTE	ICPMTF	ICPMTFE	OMET	OMETF	SEMVOL	SEMVOLE	VOLORG	VOLORGE	ALPHA	BETA	C14	GAMMA	I129DW	NI63	PUISO	RADIUM	SR90	TC99	TRITIUM	U	UCHEM	UISO
2-W22-22	X		X	X	X		X	X		X	X	X	X	X		X	X	X	X	X	X	X	X	X	X		X				X	X		X		X	
2-W23-10	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X	X	X	X	X	X		X					X	X	X		X	X
2-W27-1	X	X	X	X	X		X	X		X	X	X	X	X		X	X	X	X	X	X	X	X	X	X		X			X	X	X		X		X	X
4-S1-7C	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X		X	X	X	X			X						X			
4-S1-8A	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X		X	X	X	X			X						X			
4-S1-8B	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X		X	X	X	X			X						X			
6-S3-E12	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X		X	X	X	X			X						X			
6-10-E12	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X		X	X	X	X			X						X			
6-12-48	X	X	X	X		X	X	X		X	X	X	X			X	X		X	X		X	X	X	X												
6-14-38	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X		X	X	X	X			X						X			
6-19-43	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X		X	X	X	X									X			
6-20-39	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X		X	X	X	X		X						X	X			
6-24-33	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X		X	X	X	X			X						X			
6-24-46	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X		X	X	X	X									X			
6-29-78	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X		X	X	X	X			X						X			
6-32-70B	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X		X	X	X	X			X				X	X	X	X		
6-32-72	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X		X	X	X	X		X	X				X	X	X	X		
6-32-77	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X		X	X	X	X		X	X						X			
6-35-66	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X		X	X	X	X			X				X	X	X	X		
6-36-61A	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X		X	X	X	X												
6-37-E4	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X		X	X	X	X									X			
6-37-43	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X		X	X	X	X	X	X						X	X			
6-38-70	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X		X	X	X	X	X		X	X			X	X	X		X	
6-39-39	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X		X	X	X	X		X	X						X			
6-39-79	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X		X	X	X	X		X	X						X			
6-40-62	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X		X	X	X	X			X						X			
6-41-1	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X		X	X	X	X		X	X				X	X	X	X		

TABLE E.2. (contd)

WELL NAME	ALKALINITY	AMMONIA	ACODINE	CONDUCTIVITY	CHLORINE	CLARITY	PHOSPHATE	PH	STYRENE	TOC	TOC	TOLUENE	TANNIN	ICP	ICP	ICP	ICP	OMEGA	OMEGA	SEVEN	SEVEN	VOLATILE	VOLATILE	VOLATILE	BENZENE	C	GAMMA	1294	INDEX	PURSUIT	RASTER	STRIP	TRICHLOROETHENE	UNKNOWN	UNKNOWN
6-42-2	X	X	X	X	X	X	X	X		X	X	X	X		X	X		X	X		X	X	X	X								X			
6-42-40A	X	X	X	X	X		X	X		X	X	X	X	X		X	X	X	X	X	X	X	X	X	X		X			X	X	X		X	X
6-43-3	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X		X	X	X	X		X	X				X	X			
6-44-64	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X		X	X	X	X			X					X			
6-45-2	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X		X	X	X	X		X	X					X			
6-45-42	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	X	X	X	X	X	X	X	X		X			X	X	X		X	X
6-46-4	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X		X	X	X	X			X				X	X			
6-47-5	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X		X	X	X	X		X				X		X	X		
6-47-46A	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X		X	X	X	X		X	X					X	X		
6-47-50	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X		X	X	X	X	X	X				X	X	X			
6-47-60	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X		X	X	X	X		X	X					X	X		
6-49-55A	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X		X	X	X	X		X	X			X	X	X	X		
6-49-57	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X		X	X	X	X	X	X	X			X	X	X	X		
6-49-79	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X		X	X	X	X							X				
6-50-53	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X		X	X	X	X	X	X	X			X	X	X			
6-50-85	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X		X	X	X	X							X				
6-53-47A	X	X	X	X			X	X		X	X	X	X	X		X	X	X	X	X	X	X	X	X	X		X			X	X					
6-53-48B			X				X																X	X		X				X					
6-55-50C	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X		X	X	X	X		X	X			X		X	X		
6-55-76	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X		X	X	X	X											
6-65-72	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X		X	X	X	X			X					X	X		
6-65-83	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X		X	X	X	X								X			
6-67-86	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X		X	X	X	X								X			
6-70-68	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X		X	X	X	X		X	X			X	X	X	X		
6-71-30	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X		X	X	X	X								X			
6-71-52	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X		X	X	X	X			X					X	X		
6-71-77	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X		X	X	X	X			X					X	X		
6-72-73	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X		X	X	X	X								X			
6-73-61	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X		X	X	X	X			X					X	X		
6-74-44	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X		X	X	X	X								X			
6-77-36	X	X	X	X	X	X	X	X		X	X	X	X			X	X		X	X		X	X	X	X								X			

TABLE E.2. (contd)

WELL NAME	ALKALINE	ALMONDALE	COYOTE	CHANNEL	HILTON	LAUREL	PHILLIPS	PLEASANT	STANLEY	TONTO	TALLOCK	TIPTON	ICEPLANT	SEMINOLE	SEVILLE	VOLGA	TRIBUNE	PURDUE	RADIO	STUART	TRIBUNE	UNICOM	UNIVERSITY
6-78-62	X	X	X	X	X	X	X	X		X	X	X	X		X	X		X	X	X	X		
6-83-47	X	X	X	X		X	X	X		X	X	X	X		X	X		X	X	X	X		
6-96-49	X	X	X	X	X	X	X	X		X	X	X	X		X	X		X	X	X	X	X	X
6-97-43	X	X	X	X	X	X	X	X		X	X	X	X		X	X		X	X	X	X		
6-97-51A	X	X	X	X	X	X	X	X		X	X	X	X		X	X		X	X	X	X	X	X
6-101-48B	X	X	X	X	X	X	X	X		X	X	X	X		X	X		X	X	X	X		

TABLE E.3. Results for Site-Wide Chemical Monitoring Wells

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-B3-1	SAMPLE DATE	1-F5-4	SAMPLE DATE	1-F7-1
ALKALIN				01/21/88	107000 @	01/20/88	196000 @	01/14/88	212000 @
				04/04/88	113000 @	04/06/88	206000 @	04/06/88	209000 @
ALPHA	PCI/L	4	15	01/21/88	1.88	01/20/88	6.10	01/14/88	6.15
					(1.33)		(3.62)		(3.02)
				04/04/88	3.23	04/06/88	9.18	04/06/88	5.48
					(1.53)		(3.36)		(2.98)
AMMONIU	PPB	50		01/21/88		01/20/88		01/14/88	57
				04/04/88		04/06/88		04/06/88	
BETA	PCI/L	8	50	01/21/88	95.70 +	01/20/88	7.52	01/14/88	8.80
					(6.37)		(2.36)		(2.44)
				01/21/88	162 +	01/20/88	14.20	01/14/88	11.30
					(11.80)		(4.87)		(5.03)
				04/04/88	101 +	04/06/88	6.89	04/06/88	8.09
					(6.64)		(2.29)		(2.40)
				04/04/88	179 +	04/06/88	12.90	04/06/88	13.60
					(12.50)		(4.93)		(4.88)
CHLORID	PPB	500		01/21/88	8110	01/20/88	35200	01/14/88	25500
				04/04/88	8440	04/06/88	36000	04/06/88	24700
CONDFLD	µMHO	1		01/21/88	355	01/20/88	735	01/14/88	773
				04/04/88	368	04/06/88	790	04/06/88	735
FARSENI	PPB	5	50	01/21/88		01/20/88		01/14/88	8
				04/04/88		04/06/88		04/06/88	8
FBARIUM	PPB	6	1000	01/21/88	34	01/20/88	53	01/14/88	51
				04/04/88	32	04/06/88	52	04/06/88	51
FCALCIU	PPB	50		01/21/88	50400	01/20/88	107000	01/14/88	68000
				04/04/88	52900	04/06/88	114000	04/06/88	77200
FCHROMI	PPB	10	50	01/21/88	36	01/20/88	14	01/14/88	
				04/04/88	29	04/06/88	17	04/06/88	
FIRON	PPB	50		01/21/88		01/20/88		01/14/88	
				04/04/88	106	04/06/88		04/06/88	
FLUORID	PPB	500	4000	01/21/88		01/20/88	567	01/14/88	2950
				04/04/88		04/06/88		04/06/88	911
FMAGNES	PPB	50		01/21/88	8420	01/20/88	24700	01/14/88	21800
				04/04/88	8620	04/06/88	25500	04/06/88	23100

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-B3-1		SAMPLE DATE	1-F5-4		SAMPLE DATE	1-F7-1	
FMANGAN	PPB	5		01/21/88			01/20/88			01/14/88		
				04/04/88	7		04/06/88			04/06/88		
FPOTASS	PPB	100		01/21/88	2040		01/20/88	6180		01/14/88	7890	
				04/04/88	2160		04/06/88	6250		04/06/88	7760	
FSODIUM	PPB	200		01/21/88	10600		01/20/88	22500		01/14/88	60900	
				04/04/88	10700		04/06/88	22300		04/06/88	61500	
FSTRONT	PPB	10		01/21/88	236		01/20/88	736		01/14/88	484	
				04/04/88	241		04/06/88	761		04/06/88	502	
FVANADI	PPB	5		01/21/88			01/20/88	5		01/14/88	14	
				04/04/88	5		04/06/88	6		04/06/88	16	
FZINC	PPB	5		01/21/88			01/20/88			01/14/88	18	
				04/04/88			04/06/88			04/06/88	14	
HNITRAT	PPB	2500	45000	01/21/88	25000		01/20/88	65800	*	01/14/88	93200	*
				04/04/88	27200		04/06/88	69100	*	04/06/88	87800	*

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-B3-1	SAMPLE DATE	1-F5-4	SAMPLE DATE	1-F7-1
LFLUORD	PPB	50	4000	01/21/88	166	01/20/88	160	01/14/88	653
				04/04/88	178	04/06/88	151	04/06/88	588
NITRATE	PPB	500	45000	01/21/88	28500	01/20/88	66200 *	01/14/88	86600 *
				04/04/88	26800	04/06/88	68800 *	04/06/88	87200 *
PH-LAB		0.01		01/21/88	7.85	01/20/88	7.59	01/14/88	7.60
				04/04/88	8.03	04/06/88	7.90	04/06/88	7.66
PHFIELD		0.10		01/21/88		01/20/88	7.60	01/14/88	6.20
				04/04/88	8.20	04/06/88	7.90	04/06/88	7.90
SR 90	PCI/L	5	8	01/21/88	50 *	01/20/88		01/14/88	
					(3.62)				
				04/04/88	57.50 *	04/06/88		04/06/88	
					(3.92)				
SULFATE	PPB	500		01/21/88	38600	01/20/88	106000	01/14/88	71900
				04/04/88	41600	04/06/88	108000	04/06/88	75000
TC	PPB	2000		01/21/88	27000	01/20/88	50600	01/14/88	52000
				04/04/88	25100	04/06/88	47500	04/06/88	49400
TC-99	PCI/L	15	900	01/21/88	118	01/20/88		01/14/88	
					(2.22)				
TOXLDL	PPB	10		01/21/88		01/20/88		01/14/88	26
				04/04/88		04/06/88		04/06/88	24
TRICENE	PPB	10	5	01/21/88		01/20/88		01/14/88	14 *
				04/04/88		04/06/88		04/06/88	13 *
TRITIUM	PCI/L	500	20000	01/21/88	3670	01/20/88	13500	01/14/88	565
					(253)		(479)		(211)
				04/04/88	3620	04/06/88	11500	04/06/88	637
					(296)		(428)		(211)
U	PCI/L	0.50	600	01/21/88	2.33	01/20/88	6.17	01/14/88	5.08
				04/04/88	2.26	04/06/88	7.60	04/06/88	6.59

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-N-28	SAMPLE DATE	2-E13-5	SAMPLE DATE	2-E13-14
ALKALIN				03/16/88	82900 @	01/27/88	161000 @	01/27/88	117000 @
				04/27/88	69200 @	04/19/88	165000 @	04/19/88	139000 @
ALPHA	PCI/L	4	15	03/16/88	2.96	01/27/88	1.47	01/27/88	
					(1.42)		(1.15)		
				04/27/88	1.22	04/19/88	2.86	04/19/88	1.58
					(0.89)		(1.52)		(1.11)
AMMONIU	PPB	50		03/16/88	1250	01/27/88		01/27/88	
				03/16/88	1290	04/19/88		04/19/88	
				03/16/88	1260		NR		NR
				04/27/88	1600		NR		NR
				04/27/88	1700		NR		NR
				04/27/88	1700		NR		NR
BETA	PCI/L	8	50	01/22/88	228 +	01/27/88	6.52	01/27/88	8.62
					(9.30)		(3.68)		(3.95)
				03/16/88	351 +	01/27/88	5.86	01/27/88	5.38
					(16.70)		(1.97)		(1.85)
				04/27/88	285 +	04/19/88	9.88	04/19/88	6.86
					(10.70)		(4.12)		(3.71)
				04/27/88	316 +	04/19/88	7.98	04/19/88	7.03
					(15.60)		(2.19)		(2.11)
CHLORID	PPB	500		03/16/88	1550	01/27/88	8640	01/27/88	9240
				04/27/88	1400	04/19/88	7310	04/19/88	7500
CO-60	PCI/L	22.50	100	01/22/88	100	01/27/88		01/29/88	
					(20.10)				
				04/27/88	70.80		NR		NR
					(18.80)				
CONDFLD	µMHO	1		03/16/88	208	01/27/88	422	01/27/88	397
				04/27/88	184	04/19/88	530	04/19/88	473
FBARIUM	PPB	6	1000	03/16/88	21	01/27/88	55	01/27/88	45
				04/27/88	17	04/19/88	56	04/19/88	42
FCALCIU	PPB	50		03/16/88	34100	01/27/88	47100	01/27/88	42000
				04/27/88	23200	04/19/88	45400	04/19/88	37400
FCHROMI	PPB	10	50	03/16/88		01/27/88		01/27/88	28
				04/27/88		04/19/88		04/19/88	41
FIRON	PPB	50		03/16/88	95	01/27/88		01/27/88	

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-N-28	SAMPLE DATE	2-E13-5	SAMPLE DATE	2-E13-14
				04/27/88		04/19/88		04/19/88	
FLUORID	PPB	500	4000	03/16/88		01/27/88	572	01/27/88	
				04/27/88		04/19/88		04/19/88	
FMAGNES	PPB	50		03/16/88	6200	01/27/88	15100	01/27/88	15500
				04/27/88	4360	04/19/88	15000	04/19/88	14100
FPOTASS	PPB	100		03/16/88	4110	01/27/88	5910	01/27/88	5730
				04/27/88	3430	04/19/88	6190	04/19/88	5670
FSODIUM	PPB	200		03/16/88	2730	01/27/88	19600	01/27/88	20900
				04/27/88	2290	04/19/88	19000	04/19/88	18900
FSTRONT	PPB	10		03/16/88	177	01/27/88	218	01/27/88	220
				04/27/88	119	04/19/88	223	04/19/88	203
FVANADI	PPB	5		03/16/88	16	01/27/88	17	01/27/88	9
				04/27/88	14	04/19/88	15	04/19/88	14

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-N-28	SAMPLE DATE	2-E13-5	SAMPLE DATE	2-E13-14
FZINC	PPB	5		03/16/88		01/27/88	12	01/27/88	
				04/27/88		04/19/88	12	04/19/88	
HNITRAT	PPB	2500	45000	01/22/88	12000	01/27/88	10800	01/29/88	12900
				04/27/88	11300		NR		NR
LFLUORD	PPB	50	4000	03/16/88	85	01/27/88	406	01/27/88	377
				04/27/88	83	04/19/88	423	04/19/88	371
METHONE	PPB	10		03/16/88		01/27/88	16	01/27/88	
				03/16/88		04/19/88		04/19/88	
				03/16/88			NR		NR
				04/27/88			NR		NR
NITRATE	PPB	500	45000	03/16/88	27200	01/27/88	12200	01/27/88	13800
				04/27/88	12000	04/19/88	11800	04/19/88	14200
PH-LAB		0.01		03/16/88	8.19	01/27/88	7.82	01/27/88	7.99
				04/27/88	8.30	04/19/88	8.10	04/19/88	8.20
PHFIELD		0.10		03/16/88	8.40	01/27/88	7.80	01/27/88	8
				04/27/88	8.20	04/19/88	7.50	04/19/88	7.70
SB 125	PCI/L			01/22/88	143 @ (30.40)		NR		NR
SR 90	PCI/L	5	8	01/22/88	49 * (3.48)	01/27/88	3.90 (1.26)	01/29/88	0.96 (0.85)
				04/27/88	103 * (5.50)		NR		NR
SULFATE	PPB	500		03/16/88	13300	01/27/88	48400	01/27/88	77000
				04/27/88	10200	04/19/88	42500	04/19/88	39700
TC	PPB	2000		03/16/88	19700	01/27/88	40000	01/27/88	28900
				04/27/88	15700	04/19/88	37400	04/19/88	31600
TC-99	PCI/L	15	900	01/22/88	17.10 (1.34)	01/27/88	67.70 (1.84)	01/29/88	
TRITIUM	PCI/L	500	20000	01/22/88	72700 * (882)	01/27/88		01/29/88	
				04/27/88	48200 * (834)	04/19/88			NR
U	PCI/L	0.50	600	01/22/88	0.69	01/27/88	1.61	01/29/88	1.78
				04/27/88	3.84		NR		NR

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E16-2	SAMPLE DATE	2-E17-1	SAMPLE DATE	2-E17-9
ALKALIN				06/21/88	108000 @	01/21/88	95000 @	01/20/88	104000 @
ALPHA	PCI/L	4	15	01/12/88	0.79	01/21/88	3.28	01/20/88	2.26
					(0.42)		(2.48)		(0.65)
				02/16/88	1.59	01/21/88	4.15	02/05/88	2.99
					(0.56)		(0.88)		(0.76)
				03/09/88	0.89		NR	03/07/88	3.14
					(0.46)				(0.74)
				04/06/88	0.84		NR	04/05/88	2.39
					(0.43)				(0.68)
				05/05/88	1.26		NR		NR
					(0.53)				
				06/13/88	1.10		NR		NR
					(0.49)				
ALUMNUM	PPB	150		06/21/88	8390		NR	01/20/88	
ARSENIC	PPB	5	50	06/21/88	24		NR	01/20/88	11
BARIUM	PPB	6	1000	06/21/88	172		NR	01/20/88	63
BETA	PCI/L	8	50	01/12/88	9.44	01/21/88	34.20	01/20/88	25.30
					(2.19)		(6.43)		(3.60)
				02/16/88	7.37	01/21/88	30.20	02/05/88	24.10
					(2.03)		(4.11)		(3.54)
				03/09/88	7.28		NR	03/07/88	21
					(1.96)				(3.31)
				04/06/88	9.28		NR	04/05/88	22.70
					(2.22)				(3.43)
				05/05/88	23.60		NR		NR
					(3.39)				
				06/13/88	6.61		NR		NR
					(1.96)				
CALCIUM	PPB	50		06/21/88	28100		NR	01/20/88	48500
CHLORID	PPB	500		06/21/88	2490	01/21/88	4650	01/20/88	6810
CHROMUM	PPB	10	50	06/21/88	102 *		NR	01/20/88	
CONDFLD	µMHO	1		06/21/88	149	01/21/88	960	01/20/88	443
FARSENI	PPB	5	50		NR	01/21/88	5	01/20/88	17

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E16-2	SAMPLE DATE	2-E17-1		SAMPLE DATE	2-E17-9	
FBARIUM	PPB	6	1000		NR	01/21/88	75		01/20/88	63	
FCALCIU	PPB	50			NR	01/21/88	81400		01/20/88	49800	
FLUORID	PPB	500	4000	06/21/88		01/21/88	862		01/20/88	801	
FMAGNES	PPB	50			NR	01/21/88	24500		01/20/88	15000	
FPOTASS	PPB	100			NR	01/21/88	9450		01/20/88	6840	
FSODIUM	PPB	200			NR	01/21/88	31000		01/20/88	27600	
FSTRONT	PPB	10			NR	01/21/88	442		01/20/88	284	
FVANADI	PPB	5			NR	01/21/88	15		01/20/88	24	
FZINC	PPB	5			NR	01/21/88	21		01/20/88		
HNITRAT	PPB	2500	45000	01/12/88		01/21/88	308000	*	01/20/88	112000	*
				02/16/88			NR		02/05/88	121000	*
				03/09/88			NR		03/07/88	115000	*
				04/06/88			NR		04/05/88	120000	*
				05/05/88			NR			NR	
				06/13/88			NR			NR	

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E16-2	SAMPLE DATE	2-E17-1	SAMPLE DATE	2-E17-9
IRON	PPB	50		06/21/88	121000		NR	01/20/88	
LEADGF	PPB	5	50	06/21/88	31.80		NR	01/20/88	
LFLUORD	PPB	50	4000		NR	01/21/88	417		NR
MAGNES	PPB	0		06/21/88	10600		NR	01/20/88	14700
MANGESE	PPB	5		06/21/88	1420		NR	01/20/88	
NICKEL	PPB	10		06/21/88	61		NR	01/20/88	
NITRATE	PPB	500	45000	06/21/88	1630	01/21/88	300000 *	01/20/88	113000 *
PH-LAB		0.01		06/21/88	8	01/21/88	7.63	01/20/88	7.77
PHFIELD		0.10		06/21/88	7.50	01/21/88	7.70	01/20/88	8.30
POTASUM	PPB	100		06/21/88	7810		NR	01/20/88	6890
RADIUM	PCI/L	1	5	06/21/88	0.18		NR	01/20/88	
					(0.15)				
SODIUM	PPB	200		06/21/88	19300		NR	01/20/88	27700
SR 90	PCI/L	5	8	01/12/88		01/21/88	6.34	01/20/88	2.04
							(1.37)		(0.98)
				04/06/88			NR	04/05/88	1.93
									(1.01)
STRONUM	PPB	10		06/21/88	179		NR	01/20/88	280
SULFATE	PPB	500		06/21/88	20800	01/21/88	32100	01/20/88	39300
TC	PPB	2000		06/21/88	22800	01/21/88	24400	01/20/88	26400
TRITIUM	PCI/L	500	20000	01/12/88	1770	01/21/88	8050000 *	01/20/88	3890000 *
					(247)		(9120)		(6350)
				02/16/88	4040		NR	02/05/88	4290000 *
					(312)				(7890)
				03/09/88	3620		NR	03/07/88	3760000 *
					(300)				(7340)
				04/06/88	2640		NR	04/05/88	4080000 *
					(268)				(7590)
				05/05/88	1100		NR		NR
					(228)				
				06/13/88	1480		NR		NR
					(202)				

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E16-2	SAMPLE DATE	2-E17-1	SAMPLE DATE	2-E17-9
U	PCI/L	0.50	600		NR	01/21/88	2.25		NR
U-CHEM	UG/L	0.73			NR		NR	01/20/88	3.78
					NR		NR	02/05/88	3.74
					NR		NR	03/07/88	3.36
					NR		NR	04/05/88	3.95
VANADUM	PPB	5		06/21/88	261		NR	01/20/88	23
ZINC	PPB	5		06/21/88	76		NR	01/20/88	

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E17-12	SAMPLE DATE	2-E24-2	SAMPLE DATE	2-E25-19
ALKALIN				01/19/88	90900 @	01/20/88	92700 @	01/25/88	90400 @
					NR		NR	04/18/88	93000 @
ALPHA	PCI/L	4	15	01/19/88	3.27	01/20/88	4.87	01/25/88	
					(0.77)		(0.96)		
				02/05/88	3.15	05/10/88	2.48	01/25/88	0.79
					(0.75)		(0.68)		(0.43)
				03/07/88	4.10		NR	04/18/88	
					(0.89)				
				04/05/88	3.24		NR	04/18/88	1.21
					(0.75)				(0.51)
				05/05/88	3.78		NR		NR
					(0.85)				
				06/07/88	2.88		NR		NR
					(0.74)				
AMMONIU	PPB	50		01/19/88	80	01/20/88		01/25/88	
					NR		NR	04/18/88	
ARSENIC	PPB	5	50	01/19/88		01/20/88	7		NR
BARIUM	PPB	6	1000	01/19/88	35	01/20/88	64		NR
BETA	PCI/L	8	50	01/19/88	30.10	01/20/88	20.50	01/25/88	73.70 +
					(3.71)		(3.28)		(8.46)
				02/05/88	36.20	05/10/88	29.60	01/25/88	66.50 +
					(4.04)		(3.92)		(5.63)
				03/07/88	29.90		NR	04/18/88	70.60 +
					(3.77)				(8.39)
				04/05/88	38.90		NR	04/18/88	45.30
					(4.25)				(4.75)
				05/05/88	37		NR		NR
					(4.27)				
				06/07/88	38.10		NR		NR
					(4.27)				
CALCIUM	PPB	50		01/19/88	29400	01/20/88	59000		NR
CHLORID	PPB	500		01/19/88	4740	01/20/88	5760	01/25/88	3200
					NR		NR	04/18/88	3400

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E17-12	SAMPLE DATE	2-E24-2	SAMPLE DATE	2-E25-19
CO-60	PCI/L	22.50	100	01/19/88		01/20/88		01/25/88	5.65
									(5.05)
				02/05/88		05/10/88		04/18/88	
				03/07/88			NR		NR
				04/05/88	5.35		NR		NR
					(4.78)				
				05/05/88			NR		NR
				06/07/88			NR		NR
CONDFLD	µMHO	1		01/19/88	297	01/20/88	497	01/25/88	460
					NR		NR	04/18/88	559
COPPER	PPB	10	(1300.0)	01/19/88	20	01/20/88			NR
CS-137	PCI/L	20	200	01/19/88	9.13	01/20/88		01/25/88	
					(6.23)				
				02/05/88		05/10/88		04/18/88	
				03/07/88			NR		NR

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E17-12		SAMPLE DATE	2-E24-2		SAMPLE DATE	2-E25-19	
CS-137	PCI/L	20	200	04/05/88				NR			NR	
				05/05/88				NR			NR	
				06/07/88				NR			NR	
FARSENI	PPB	5	50	01/19/88			01/20/88	12		01/25/88	7	
					NR			NR		04/18/88	8	
FBARIUM	PPB	6	1000	01/19/88	36		01/20/88	64		01/25/88	66	
					NR			NR		04/18/88	72	
FCALCIU	PPB	50		01/19/88	27000		01/20/88	64300		01/25/88	46600	
					NR			NR		04/18/88	53100	
FLUORID	PPB	500	4000	01/19/88	707		01/20/88	702		01/25/88	687	
					NR			NR		04/18/88		
FMAGNES	PPB	50		01/19/88	8240		01/20/88	18800		01/25/88	12400	
					NR			NR		04/18/88	13400	
FMERCUR	PPB	0.10	2	01/19/88			01/20/88	0.11		01/25/88		
					NR			NR		04/18/88		
FPOTASS	PPB	100		01/19/88	5470		01/20/88	7010		01/25/88	9700	
					NR			NR		04/18/88	9240	
FSODIUM	PPB	200		01/19/88	22700		01/20/88	21000		01/25/88	35600	
					NR			NR		04/18/88	34800	
FSTRONT	PPB	10		01/19/88	131		01/20/88	312		01/25/88	248	
					NR			NR		04/18/88	278	
FVANADI	PPB	5		01/19/88	20		01/20/88	23		01/25/88	41	
					NR			NR		04/18/88	42	
FZINC	PPB	5		01/19/88	9		01/20/88	36		01/25/88	28	
					NR			NR		04/18/88	28	
HNITRAT	PPB	2500	45000	01/19/88	40600		01/20/88	176000	*	01/25/88	161000	*
				02/05/88	43900		05/10/88	139000	*	04/18/88	168000	*
				03/07/88	52700	*		NR			NR	
				04/05/88	56600	*		NR			NR	
				05/05/88	54700	*		NR			NR	
				06/07/88	55600	*		NR			NR	
IRON	PPB	50		01/19/88	3770		01/20/88	151			NR	
LEADGF	PPB	5	50	01/19/88	6		01/20/88				NR	

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E17-12	SAMPLE DATE	2-E24-2	SAMPLE DATE	2-E25-19
LFLUORD	PPB	50	4000		NR		NR	01/25/88	563
					NR		NR	04/18/88	571
MAGNES	PPB	0		01/19/88	8660	01/20/88	18100		NR
MANGESE	PPB	5		01/19/88	39	01/20/88			NR
NITRATE	PPB	500	45000	01/19/88	40800	01/20/88	172000 *	01/25/88	160000 *
					NR		NR	04/18/88	168000 *
PH-LAB		0.01		01/19/88	7.94	01/20/88	7.69	01/25/88	7.59
					NR		NR	04/18/88	7.97
PHFIELD		0.10		01/19/88	8.80	01/20/88	8.50	01/25/88	7.70
					NR		NR	04/18/88	7.80
POTASUM	PPB	100		01/19/88	5810	01/20/88	6820		NR
PU39-40	PCI/L	17	5000	01/19/88			NR		NR
				02/05/88			NR		NR
				03/07/88			NR		NR
				04/05/88	0.02		NR		NR
					(0.01)				

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E17-12	SAMPLE DATE	2-E24-2	SAMPLE DATE	2-E25-19
PU39-40	PCI/L	17	5000	05/05/88			NR		NR
				06/07/88			NR		NR
SODIUM	PPB	200		01/19/88	24400	01/20/88	20700		NR
SR 90	PCI/L	5	8	01/19/88		01/20/88	2.91	01/25/88	
							(1.13)		
				02/05/88		05/10/88	3.33	04/18/88	
							(1.17)		
				03/07/88			NR		NR
				04/05/88			NR		NR
				05/05/88			NR		NR
				06/07/88			NR		NR
STYRENE	PPB	5	(140.0)		NR	01/20/88	7		NR
SULFATE	PPB	500		01/19/88	23700	01/20/88	33500	01/25/88	29300
					NR		NR	04/18/88	36500
TC	PPB	2000		01/19/88	22300	01/20/88	23700	01/25/88	23400
					NR		NR	04/18/88	21700
TC-99	PCI/L	15	900	01/19/88	142		NR		NR
					(2.39)				
TOXLDL	PPB	10		01/19/88		01/20/88		01/25/88	
					NR		NR	04/18/88	106
TRITIUM	PCI/L	500	20000	01/19/88	1460000 *	01/20/88	4630000 *	01/25/88	4750000 *
					(3870)		(6900)		(7190)
				02/05/88	1460000 *	05/10/88	3040000 *	04/18/88	4300000 *
					(4590)		(5660)		(7760)
				03/07/88	1490000 *		NR		NR
					(4600)				
				04/05/88	1740000 *		NR		NR
					(5000)				
				05/05/88	1660000 *		NR		NR
					(4180)				
				06/07/88	1930000 *		NR		NR
					(5280)				
U	PCI/L	0.50	600		NR	01/20/88	5.67		NR

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E17-12	SAMPLE DATE	2-E24-2	SAMPLE DATE	2-E25-19
U-234	PCI/L	0.10	32	01/19/88	1.58 (0.11)		NR		NR
				02/05/88	1.66 (0.12)		NR		NR
				03/07/88	1.63 (0.12)		NR		NR
				04/05/88	1.83 (0.13)		NR		NR
				05/05/88	1.90 (0.13)		NR		NR
				06/07/88	1.92 (0.16)		NR		NR
U-235	PCI/L	0.10	32	01/19/88	0.06 (0.02)		NR		NR
				02/05/88	0.08 (0.03)		NR		NR

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E17-12	SAMPLE DATE	2-E24-2	SAMPLE DATE	2-E25-19
U-235	PCI/L	0.10	32	03/07/88	0.06		NR		NR
					(0.02)				
				04/05/88	0.07		NR		NR
					(0.02)				
				05/05/88	0.07		NR		NR
					(0.03)				
				06/07/88	0.10		NR		NR
					(0.04)				
U-238	PCI/L	0.10	4.80	01/19/88	1.33		NR		NR
					(0.10)				
				02/05/88	1.60		NR		NR
					(0.12)				
				03/07/88	1.58		NR		NR
					(0.12)				
				04/05/88	1.68		NR		NR
					(0.12)				
				05/05/88	1.67		NR		NR
					(0.12)				
				06/07/88	1.76		NR		NR
					(0.15)				
U-CHEM	UG/L	0.73		01/19/88	3.22		NR		NR
				02/05/88	3.40		NR		NR
				03/07/88	3.90		NR		NR
				04/05/88	4.18		NR		NR
				05/05/88	4.38		NR		NR
				06/07/88	4.52		NR		NR
VANADUM	PPB	5		01/19/88	21	01/20/88	21		NR
ZINC	PPB	5		01/19/88	27	01/20/88	46		NR

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E25-20	SAMPLE DATE	2-E25-21	SAMPLE DATE	2-E25-23
ALKALIN				01/25/88	110000 a	01/26/88	123000 a	01/26/88	105000 a
					NR	04/18/88	113000 a	04/18/88	104000 a
ALPHA	PCI/L	4	15	01/25/88	1.31	01/26/88		01/26/88	
					(0.51)				
				04/19/88	1.85	01/26/88	1.32	01/26/88	0.85
					(0.61)		(0.53)		(0.48)
					NR	04/18/88		04/18/88	
					NR	04/18/88	0.51	04/18/88	0.90
							(0.38)		(0.45)
BARIUM	PPB	6	1000	01/25/88	56		NR		NR
BETA	PCI/L	8	50	01/25/88	13.70	01/26/88	13.10	01/26/88	16.10
					(2.77)		(4.29)		(4.52)
				04/19/88	18.50	01/26/88	9.27	01/26/88	12.60
					(3.27)		(2.30)		(2.52)
					NR	04/18/88	10.80	04/18/88	12.90
							(4.03)		(4.21)
					NR	04/18/88	9.85	04/18/88	10.40
							(2.29)		(2.33)
CALCIUM	PPB	50		01/25/88	52300		NR		NR
CHLORID	PPB	500		01/25/88	6310	01/26/88	3920	01/26/88	1290
					NR	04/18/88	3600	04/18/88	1820
CONDFLD	µMHO	1		01/25/88	514	01/26/88	312	01/26/88	233
					NR	04/18/88	314	04/18/88	302
FARSENI	PPB	5	50	01/25/88	8	01/26/88	11	01/26/88	18
					NR	04/18/88	13	04/18/88	21
FBARIUM	PPB	6	1000	01/25/88	58	01/26/88	32	01/26/88	39
					NR	04/18/88	22	04/18/88	33
FCALCIU	PPB	50		01/25/88	54300	01/26/88	28900	01/26/88	27900
					NR	04/18/88	23700	04/18/88	25800
FLUORID	PPB	500	4000	01/25/88	850	01/26/88	860	01/26/88	505
					NR	04/18/88	766	04/18/88	573
FMAGNES	PPB	50		01/25/88	14700	01/26/88	7500	01/26/88	5310
					NR	04/18/88	6000	04/18/88	4850
FMANGAN	PPB	5		01/25/88		01/26/88	11	01/26/88	
					NR	04/18/88	23	04/18/88	

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E25-20		SAMPLE DATE	2-E25-21	SAMPLE DATE	2-E25-23
FPOTASS	PPB	100		01/25/88	11800		01/26/88	8410	01/26/88	7450
					NR		04/18/88	6500	04/18/88	6360
FSODIUM	PPB	200		01/25/88	46400		01/26/88	33700	01/26/88	14800
					NR		04/18/88	28200	04/18/88	19400
FSTRONT	PPB	10		01/25/88	276		01/26/88	152	01/26/88	139
					NR		04/18/88	125	04/18/88	130
FVANADI	PPB	5		01/25/88	49		01/26/88	72	01/26/88	132
					NR		04/18/88	72	04/18/88	145
FZINC	PPB	5		01/25/88	8		01/26/88	8	01/26/88	6
					NR		04/18/88		04/18/88	
HNITRAT	PPB	2500	45000	01/25/88	146000	*	01/26/88	6920	01/26/88	
				04/19/88	158000	*	04/18/88	4150	04/18/88	
IRON	PPB	50		01/25/88	98			NR		NR

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E25-20		SAMPLE DATE	2-E25-21		SAMPLE DATE	2-E25-23	
LFLUORD	PPB	50	4000		NR		01/26/88	771		01/26/88	445	
					NR		04/18/88	784		04/18/88	567	
MAGNES	PPB	0		01/25/88	14600			NR			NR	
MANGESE	PPB	5		01/25/88	5			NR			NR	
NITRATE	PPB	500	45000	01/25/88	144000	*	01/26/88	7430		01/26/88	1520	
					NR		04/18/88	4070		04/18/88	1760	
PH-LAB		0.01		01/25/88	7.64		01/26/88	7.85		01/26/88	7.94	
					NR		04/18/88	8.09		04/18/88	8.15	
PHFIELD		0.10		01/25/88	7.30		01/26/88	7.20		01/26/88	7	
					NR		04/18/88	7.80		04/18/88	7.90	
POTASUM	PPB	100		01/25/88	12100			NR			NR	
SODIUM	PPB	200		01/25/88	49300			NR			NR	
STRONUM	PPB	10		01/25/88	285			NR			NR	
STYRENE	PPB	5	(140.0)		NR			NR		01/26/88	14	
SULFATE	PPB	500		01/25/88	73200		01/26/88	46700		01/26/88	18500	
					NR		04/18/88	29900		04/18/88	20100	
TC	PPB	2000		01/25/88	27900		01/26/88	30800		01/26/88	26200	
					NR		04/18/88	25700		04/18/88	23900	
TRITIUM	PCI/L	500	20000	01/25/88	745000	*	01/26/88	8680		01/26/88	409	
					(2840	)		(347	)		(200	)
				04/19/88	1070000	*	04/18/88	5170		04/18/88	603	
					(3810	)		(326	)		(216	)
VANADUM	PPB	5		01/25/88	45			NR			NR	
ZINC	PPB	5		01/25/88	9			NR			NR	

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E25-24	SAMPLE DATE	2-E26-5	SAMPLE DATE	2-E28-7
ACETONE	PPB	10			NR		NR	06/22/88	140
ALKALIN				01/26/88	114000 @	06/21/88	91400 @	06/22/88	96600 @
				04/18/88	116000 @		NR		NR
ALPHA	PCI/L	4	15	01/26/88	1.27		NR	02/29/88	2.56
					(1.11)				(0.71)
				01/26/88	0.99		NR	05/12/88	0.75
					(0.46)				(0.41)
				04/18/88	2.18		NR		NR
					(1.32)				
				04/18/88	0.95		NR		NR
					(0.44)				
ALUMNUM	PPB	150			NR	06/21/88	2270	06/22/88	304
ARSENIC	PPB	5	50		NR	06/21/88	8	06/22/88	
BARIUM	PPB	6	1000		NR	06/21/88	75	06/22/88	53
BETA	PCI/L	8	50	01/26/88	16.60		NR	02/29/88	126 +
					(4.58)				(7.44)
				01/26/88	11.20		NR	05/12/88	218 +
					(2.42)				(9.94)
				04/18/88	17.80		NR		NR
					(4.74)				
				04/18/88	12.30		NR		NR
					(2.51)				
CADMIUM	PPB	2	10		NR	06/21/88		06/22/88	9
CALCIUM	PPB	50			NR	06/21/88	24000	06/22/88	32400
CHLORID	PPB	500		01/26/88	1580	06/21/88	3360	06/22/88	22000
				04/18/88	1290		NR		NR
CHROMUM	PPB	10	50		NR	06/21/88		06/22/88	10
CO-60	PCI/L	22.50	100	01/26/88			NR	02/29/88	9.63
									(6.42)
				04/18/88			NR	05/12/88	
CONDFLD	µMHO	1		01/26/88	247	06/21/88	182	06/22/88	194
				04/18/88	465		NR		NR
CS-137	PCI/L	20	200	01/26/88			NR	02/29/88	
				04/18/88			NR	05/12/88	23.30
									(9.44)

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E25-24	SAMPLE DATE	2-E26-5	SAMPLE DATE	2-E28-7
FARSENI	PPB	5	50	01/26/88	15		NR		NR
				04/18/88	15		NR		NR
FBARIUM	PPB	6	1000	01/26/88	32		NR		NR
				04/18/88	32		NR		NR
FCALCIU	PPB	50		01/26/88	25500		NR		NR
				04/18/88	29600		NR		NR
FLUORID	PPB	500	4000	01/26/88	759	06/21/88		06/22/88	
				04/18/88	762		NR		NR
FMAGNES	PPB	50		01/26/88	5400		NR		NR
				04/18/88	6120		NR		NR
FPOTASS	PPB	100		01/26/88	8610		NR		NR
				04/18/88	8110		NR		NR
FSODIUM	PPB	200		01/26/88	25800		NR		NR

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E25-24	SAMPLE DATE	2-E26-5	SAMPLE DATE	2-E28-7
FSODIUM	PPB	200		04/18/88	20600		NR		NR
FSTRONT	PPB	10		01/26/88	141		NR		NR
				04/18/88	160		NR		NR
FVANADI	PPB	5		01/26/88	126		NR		NR
				04/18/88	128		NR		NR
HNITRAT	PPB	2500	45000	01/26/88	3070		NR	02/29/88	8090
				04/18/88			NR		NR
IRON	PPB	50			NR	06/21/88	67800	06/22/88	15800
LEADGF	PPB	5	50		NR	06/21/88	17	06/22/88	
LFLUORD	PPB	50	4000	01/26/88	714		NR		NR
				04/18/88	714		NR		NR
MAGNES	PPB	0			NR	06/21/88	7630	06/22/88	10300
MANGESE	PPB	5			NR	06/21/88	1090	06/22/88	259
NITRATE	PPB	500	45000	01/26/88	3050	06/21/88	1490	06/22/88	8290
				04/18/88	1640		NR		NR
PH-LAB		0.01		01/26/88	7.70	06/21/88	7.90	06/22/88	7.90
				04/18/88	7.96		NR		NR
PHFIELD		0.10		01/26/88	6.50	06/21/88	7.90	06/22/88	7.40
				04/18/88	7.90		NR		NR
POTASUM	PPB	100			NR	06/21/88	4870	06/22/88	6370
RADIUM	PCI/L	1	5		NR	06/21/88	0.26	06/22/88	0.17
							(0.19)		(0.14)
SODIUM	PPB	200			NR	06/21/88	11000	06/22/88	24700
SR 90	PCI/L	5	8	01/26/88			NR	02/29/88	60.90 *
									(3.97)
				04/18/88			NR	05/12/88	105 *
									(5.47)
STRONUM	PPB	10			NR	06/21/88	139	06/22/88	166
SULFATE	PPB	500		01/26/88	30700	06/21/88	12900	06/22/88	40500
				04/18/88	28200		NR		NR
TC	PPB	2000		01/26/88	29500	06/21/88	23400	06/22/88	24200
				04/18/88	26800		NR		NR
TC-99	PCI/L	15	900		NR		NR	02/29/88	136
									(2.34)

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E25-24	SAMPLE DATE	2-E26-5	SAMPLE DATE	2-E28-7
TOLUENE	PPB	10	(2000.0)	01/26/88		06/21/88		06/22/88	20
				04/18/88			NR		NR
TOXLDL	PPB	10		01/26/88		06/21/88		06/22/88	21.50
				04/18/88			NR		NR
TRITIUM	PCI/L	500	20000	01/26/88	1040		NR	02/29/88	7280
					(220)				(377)
				04/18/88	564		NR		NR
					(214)				
U-234	PCI/L	0.10	32		NR		NR	02/29/88	0.73
									(0.08)
U-235	PCI/L	0.10	32		NR		NR	02/29/88	0.03
									(0.02)
U-238	PCI/L	0.10	4.80		NR		NR	02/29/88	0.61
									(0.07)
U-CHEM	UG/L	0.73			NR		NR	02/29/88	1.70

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E25-24	SAMPLE DATE	2-E26-5	SAMPLE DATE	2-E28-7
U-CHEM	UG/L	0.73			NR		NR	05/12/88	
VANADUM	PPB	5			NR	06/21/88	128	06/22/88	36
ZINC	PPB	5			NR	06/21/88	57	06/22/88	16

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E28-13	SAMPLE DATE	2-E28-18	SAMPLE DATE	2-E28-21
ALKALIN				01/20/88	135000 @	01/20/88	132000 @	01/26/88	112000 @
					NR		NR	05/13/88	116000 @
ALPHA	PCI/L	4	15		NR	01/20/88	6.66	01/26/88	23.20 +
							(1.06)		(4.57)
					NR	02/05/88	38.60 +	01/26/88	34.50 +
							(2.60)		(2.46)
					NR	03/09/88	42.30 +	02/05/88	30.40 +
							(2.63)		(2.31)
					NR	04/06/88	43.70 +	03/07/88	31.20 +
							(2.80)		(2.34)
					NR	05/06/88	23.80 +	04/06/88	31.50 +
							(1.98)		(2.38)
					NR	06/13/88	32.10 +	05/06/88	24.90 +
							(2.29)		(2.09)
					NR		NR	05/13/88	22.10 +
									(4.34)
					NR		NR	06/21/88	32.50 +
									(2.42)
AMMONIU	PPB	50		01/20/88	70	01/20/88		01/26/88	206
					NR		NR	05/13/88	
BARIUM	PPB	6	1000	01/20/88	83	01/20/88	30		NR
BETA	PCI/L	8	50	01/20/88	7.26	01/20/88	9.11	01/26/88	16.20
					(2.12)		(2.31)		(4.74)
				05/10/88	6.56	02/05/88	18.40	01/26/88	15.50
					(2.09)		(3.14)		(3.08)
					NR	03/09/88	20.30	02/05/88	13.10
							(3.28)		(2.64)
					NR	04/06/88	14.80	03/07/88	15.30
							(2.87)		(2.88)
					NR	05/06/88	16.80	04/06/88	14.60
							(3)		(2.81)
					NR	06/13/88	15.80	05/06/88	15
							(2.93)		(2.91)

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E28-13	SAMPLE DATE	2-E28-18	SAMPLE DATE	2-E28-21
					NR		NR	05/13/88	20.20
									(5.14)
					NR		NR	06/21/88	13.80
									(2.76)
CALCIUM	PPB	50		01/20/88	49300	01/20/88	50700		NR
CHLORID	PPB	500		01/20/88	7500	01/20/88	8000	01/26/88	12000
					NR		NR	05/13/88	10300
CO-60	PCI/L	22.50	100	01/20/88		01/20/88		01/26/88	
				05/10/88		02/05/88		02/05/88	
					NR	03/09/88		03/07/88	
					NR	04/06/88	5.65	04/06/88	
							(5.05)		
					NR	05/06/88		05/06/88	
					NR	06/13/88		06/21/88	
CONDFLD	µMHO	1		01/20/88	415	01/20/88	274	01/26/88	406

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E28-13	SAMPLE DATE	2-E28-18	SAMPLE DATE	2-E28-21
CONDFLD	µMHO	1			NR		NR	05/13/88	467
FARSENI	PPB	5	50	01/20/88		01/20/88	6	01/26/88	
					NR		NR	05/13/88	
FBARIUM	PPB	6	1000	01/20/88	77	01/20/88	31	01/26/88	47
					NR		NR	05/13/88	46
FCALCIU	PPB	50		01/20/88	45300	01/20/88	46300	01/26/88	68000
					NR		NR	05/13/88	59100
FLUORID	PPB	500	4000	01/20/88	724	01/20/88	670	01/26/88	645
					NR		NR	05/13/88	670
FMAGNES	PPB	50		01/20/88	14100	01/20/88	13100	01/26/88	15600
					NR		NR	05/13/88	15500
FPOTASS	PPB	100		01/20/88	6430	01/20/88	6550	01/26/88	5200
					NR		NR	05/13/88	5220
FSODIUM	PPB	200		01/20/88	26800	01/20/88	25800	01/26/88	23700
					NR		NR	05/13/88	25500
FSTRONT	PPB	10		01/20/88	227	01/20/88	212	01/26/88	260
					NR		NR	05/13/88	246
FVANADI	PPB	5		01/20/88	16	01/20/88	17	01/26/88	16
					NR		NR	05/13/88	15
FZINC	PPB	5		01/20/88	8	01/20/88		01/26/88	5
					NR		NR	05/13/88	
HNITRAT	PPB	2500	45000		NR	01/20/88	23300	01/26/88	37500
					NR	02/05/88	35400	02/05/88	34500
					NR	03/09/88	38000	03/07/88	38400
					NR	04/06/88	38900	04/06/88	40500
					NR	05/06/88	34100	05/06/88	34700
					NR	06/13/88	38600	06/21/88	35700
IRON	PPB	50		01/20/88	260	01/20/88	94		NR
LEADGF	PPB	5	50	01/20/88		01/20/88	6		NR
LFLUORD	PPB	50	4000		NR		NR	01/26/88	467
					NR		NR	05/13/88	490
MAGNES	PPB	0		01/20/88	14800	01/20/88	13800		NR
MANGESE	PPB	5		01/20/88	24	01/20/88	5		NR

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E28-13	SAMPLE DATE	2-E28-18	SAMPLE DATE	2-E28-21
NITRATE	PPB	500	45000	01/20/88	48700 *	01/20/88	26800	01/26/88	34900
					NR		NR	05/13/88	36000
PH-LAB		0.01		01/20/88	7.65	01/20/88	7.81	01/26/88	7.57
					NR		NR	05/13/88	7.80
PHFIELD		0.10		01/20/88	8.20	01/20/88	8.50	01/26/88	7
					NR		NR	05/13/88	7.50
POTASUM	PPB	100		01/20/88	6700	01/20/88	6980		NR
SODIUM	PPB	200		01/20/88	27700	01/20/88	27400		NR
SULFATE	PPB	500		01/20/88	48000	01/20/88	65200	01/26/88	116000
					NR		NR	05/13/88	104000
TC	PPB	2000		01/20/88	34100	01/20/88	32400	01/26/88	28700
					NR		NR	05/13/88	14700
TOXLDL	PPB	10		01/20/88	23.20	01/20/88		01/26/88	20.40
					NR		NR	05/13/88	
TRITIUM	PCI/L	500	20000	01/20/88	7470	01/20/88	8410	01/26/88	9590
					(322)		(337)		(362)

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E28-13	SAMPLE DATE	2-E28-18	SAMPLE DATE	2-E28-21
TRITIUM	PCI/L	500	20000	05/10/88	5890	02/05/88	10800	02/05/88	10100
					(302)		(443)		(429)
					NR	03/09/88		03/07/88	10800
									(439)
					NR	04/06/88	12500	04/06/88	12300
							(398)		(394)
					NR	05/06/88	13300	05/06/88	13300
							(410)		(411)
					NR	06/13/88	16500	06/21/88	15300
							(516)		(428)
U-234	PCI/L	0.10	32		NR	01/20/88	3.94	01/26/88	16.40
							(0.17)		(0.39)
U-235	PCI/L	0.10	32		NR	01/20/88	0.13	01/26/88	0.94
							(0.03)		(0.09)
U-238	PCI/L	0.10	4.80		NR	01/20/88	3.23	01/26/88	15.30 *
							(0.16)		(0.37)
U-CHEM	UG/L	0.73			NR	01/20/88	9.06	01/26/88	44.60
					NR	02/05/88	58.50	02/05/88	43
					NR	03/09/88	50.60	03/07/88	43.70
					NR	04/06/88	49.60	04/06/88	36.90
					NR	05/06/88	23.30	05/06/88	24.60
					NR	06/13/88	39.90	06/21/88	47.20
VANADUM	PPB	5		01/20/88	15	01/20/88	15		NR
ZINC	PPB	5		01/20/88	13	01/20/88			NR

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E28-23	SAMPLE DATE	2-E32-1	SAMPLE DATE	2-E33-1A
ALKALIN				01/27/88	95600 @	03/02/88	98100 @	03/02/88	97300 @
ALPHA	PCI/L	4	15	01/27/88	36.60 + (5.84)		NR		NR
				05/12/88	30.40 + (2.34)		NR		NR
				05/12/88	36.20 + (6.26)		NR		NR
BARIUM	PPB	6	1000	01/27/88	14	03/02/88	37	03/02/88	39
BETA	PCI/L	8	50	01/27/88	11500 + (429)	02/22/88	25.50 (3.41)	02/28/88	94.40 + (6.48)
				05/12/88	11600 + (432)		NR		NR
				05/12/88	10500 + (409)		NR		NR
CALCIUM	PPB	50		01/27/88	30000	03/02/88	27700	03/02/88	27000
CHLORID	PPB	500		01/27/88	20600	03/02/88	15000	03/02/88	10000
CO-60	PCI/L	22.50	100	01/27/88			NR	02/28/88	
				05/12/88	3.54 (2.67)		NR		NR
				05/12/88	6.53 (4.27)		NR		NR
CONDFLD	µMHO	1		01/27/88	296	03/02/88	292	03/02/88	269
CS-137	PCI/L	20	200	01/27/88	1800 * (204)		NR	02/28/88	
				05/12/88	1230 * (39.80)		NR		NR
				05/12/88	1520 * (46)		NR		NR
FBARIUM	PPB	6	1000	01/27/88	18	03/02/88	36	03/02/88	41
FCALCIU	PPB	50		01/27/88	28900	03/02/88	27700	03/02/88	30100
FLUORID	PPB	500	4000	01/27/88	695	03/02/88	507	03/02/88	
FMAGNES	PPB	50		01/27/88	8860	03/02/88	9140	03/02/88	9610
FPOTASS	PPB	100		01/27/88	6560	03/02/88	5580	03/02/88	5540
FSODIUM	PPB	200		01/27/88	19400	03/02/88	21200	03/02/88	15500

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E28-23	SAMPLE DATE	2-E32-1	SAMPLE DATE	2-E33-1A
FSTRONT	PPB	10		01/27/88	133	03/02/88	144	03/02/88	153
FVANADI	PPB	5		01/27/88	19	03/02/88	18	03/02/88	15
FZINC	PPB	5		01/27/88		03/02/88	5	03/02/88	5
HNITRAT	PPB	2500	45000	01/27/88	8920	02/22/88	8600	02/28/88	46300 *
				05/12/88	9480		NR		NR
IRON	PPB	50		01/27/88	73	03/02/88	57	03/02/88	54
MAGNES	PPB	0		01/27/88	9380	03/02/88	9180	03/02/88	8980
NITRATE	PPB	500	45000	01/27/88	9580	03/02/88	10200	03/02/88	6640
PH-LAB		0.01		01/27/88	7.92	03/02/88	7.86	03/02/88	7.83
PHFIELD		0.10		01/27/88	7.80	03/02/88	8.40	03/02/88	8.40
POTASUM	PPB	100		01/27/88	7150	03/02/88	5510	03/02/88	5120
PU-238	PCI/L	17	5000	01/27/88	0.04		NR		NR
					(0.02)				
				05/12/88	0.07		NR		NR
					(0.04)				

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E28-23	SAMPLE DATE	2-E32-1	SAMPLE DATE	2-E33-1A
PU39-40	PCI/L	17	5000	01/27/88	9.30		NR		NR
					(0.30)				
				05/12/88	11.10		NR		NR
					(0.47)				
SODIUM	PPB	200		01/27/88	22100	03/02/88	21600	03/02/88	15100
SR 90	PCI/L	5	8	01/27/88	6150 *		NR	02/28/88	
					(176)				
				05/12/88	5190 *		NR		NR
					(164)				
STRONUM	PPB	10			NR	03/02/88	144	03/02/88	144
SULFATE	PPB	500		01/27/88	39300	03/02/88	32500	03/02/88	29500
TC	PPB	2000		01/27/88	24300	03/02/88	24300	03/02/88	24600
TC-99	PCI/L	15	900	01/27/88	142		NR	02/28/88	625
					(2.38)				(4.58)
TOXLDL	PPB	10		01/27/88	29.30	03/02/88		03/02/88	
TRITIUM	PCI/L	500	20000	01/27/88	6120	02/22/88	9390	02/28/88	4500
					(304)		(412)		(323)
				05/12/88	7570		NR		NR
					(376)				
				05/12/88	7370		NR		NR
					(372)				
U	PCI/L	0.50	600		NR		NR	02/28/88	1.41
U-234	PCI/L	0.10	32	01/27/88	9.80		NR		NR
					(0.36)				
U-235	PCI/L	0.10	32	01/27/88	0.42		NR		NR
					(0.08)				
U-238	PCI/L	0.10	4.80	01/27/88	9.72 *		NR		NR
					(0.36)				
U-CHEM	UG/L	0.73		01/27/88	26.50		NR		NR
				05/12/88	27.60		NR		NR
VANADUM	PPB	5		01/27/88	19	03/02/88	17	03/02/88	18

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E33-3	SAMPLE DATE	2-E33-5	SAMPLE DATE	2-E33-10
ALKALIN				03/23/88	104000 a	03/29/88	108000 a	03/02/88	104000 a
					NR		NR	06/22/88	99100 a
ARSENIC	PPB	5	50	03/23/88	10	03/29/88	10	03/02/88	7
					NR		NR	06/22/88	5
BARIUM	PPB	6	1000	03/23/88	21	03/29/88	35	03/02/88	25
					NR		NR	06/22/88	39
BETA	PCI/L	8	50	02/28/88	75.70 +	02/28/88	228 +	02/28/88	30.60
					(12.30)		(10)		(3.73)
CALCIUM	PPB	50		03/23/88	31900	03/29/88	34900	03/02/88	28900
					NR		NR	06/22/88	30600
CHLORID	PPB	500		03/23/88	4680	03/29/88	6040	03/02/88	5040
					NR		NR	06/22/88	12500
CHROMUM	PPB	10	50	03/23/88		03/29/88		03/02/88	10
					NR		NR	06/22/88	
CO-60	PCI/L	22.50	100	02/28/88		02/28/88	13.20	02/28/88	
							(7.31)		
CONDFLD	µMHO	1		03/23/88	335	03/29/88	323	03/02/88	337
					NR		NR	06/22/88	175
CS-137	PCI/L	20	200	02/28/88		02/28/88		02/28/88	8.27
									(7.21)
CYANIDE	PPB	10		03/23/88	17	03/29/88	17	03/02/88	
					NR		NR	06/22/88	
FARSENI	PPB	5	50	03/23/88	10	03/29/88	7	03/02/88	10
FBARIUM	PPB	6	1000	03/23/88	23	03/29/88	31	03/02/88	26
FCALCIU	PPB	50		03/23/88	31800	03/29/88	33200	03/02/88	30600
FLUORID	PPB	500	4000	03/23/88	549	03/29/88		03/02/88	
					NR		NR	06/22/88	
FMAGNES	PPB	50		03/23/88	8910	03/29/88	10000	03/02/88	9430
FMERCUR	PPB	0.10	2	03/23/88	0.17	03/29/88		03/02/88	
FPOTASS	PPB	100		03/23/88	5080	03/29/88	4990	03/02/88	5040
FSODIUM	PPB	200		03/23/88	27700	03/29/88	20000	03/02/88	30900
FSTRONT	PPB	10		03/23/88	173	03/29/88	166	03/02/88	155
FVANADI	PPB	5		03/23/88	24	03/29/88	22	03/02/88	23
HNITRAT	PPB	2500	45000	02/28/88	40900	02/28/88	33500	02/28/88	6590

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E33-3	SAMPLE DATE	2-E33-5	SAMPLE DATE	2-E33-10
IRON	PPB	50		03/23/88		03/29/88	73	03/02/88	
					NR		NR	06/22/88	148
MAGNES	PPB	0		03/23/88	8760	03/29/88	10500	03/02/88	8720
					NR		NR	06/22/88	9480
MERCURY	PPB	0.10	2	03/23/88	0.25	03/29/88		03/02/88	
					NR		NR	06/22/88	
NITRATE	PPB	500	45000	03/23/88	44600	03/29/88	30900	03/02/88	44700
					NR		NR	06/22/88	7140
PH-LAB		0.01		03/23/88	8.11	03/29/88	8.14	03/02/88	7.75
					NR		NR	06/22/88	8
PHFIELD		0.10		03/23/88	8.10	03/29/88	7.20	03/02/88	8.50
					NR		NR	06/22/88	7.80
POTASUM	PPB	100		03/23/88	4870	03/29/88	5210	03/02/88	4420
					NR		NR	06/22/88	5450

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E33-3	SAMPLE DATE	2-E33-5	SAMPLE DATE	2-E33-10
SILVER	PPB	10	50	03/23/88		03/29/88		03/02/88	
					NR		NR	06/22/88	15
SODIUM	PPB	200		03/23/88	26900	03/29/88	20800	03/02/88	27100
					NR		NR	06/22/88	16000
STRONUM	PPB	10		03/23/88	169	03/29/88	170	03/02/88	147
					NR		NR	06/22/88	150
SULFATE	PPB	500		03/23/88	29900	03/29/88	35400	03/02/88	32900
					NR		NR	06/22/88	31600
TC	PPB	2000		03/23/88	24400	03/29/88	24500	03/02/88	25700
					NR		NR	06/22/88	24800
TC-99	PCI/L	15	900		NR	02/28/88	1480 *		NR
							(6.93)		
TRITIUM	PCI/L	500	20000	02/28/88	2570	02/28/88	4910	02/28/88	4310
					(275)		(330)		(317)
U	PCI/L	0.50	600	02/28/88	2.19	02/28/88	2.09	02/28/88	1.66
VANADUM	PPB	5		03/23/88	27	03/29/88	22	03/02/88	23
					NR		NR	06/22/88	22
ZINC	PPB	5		03/23/88	8	03/29/88		03/02/88	
					NR		NR	06/22/88	7

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E34-1	SAMPLE DATE	2-W10-4	SAMPLE DATE	2-W10-9
ALKALIN				01/27/88	89100 @	03/04/88	157000 @	03/21/88	169000 @
ALPHA	PCI/L	4	15	01/27/88	1.55		NR	02/28/88	3.93
					(0.55)				(0.84)
				06/03/88	1.87		NR		NR
					(0.60)				
ARSENIC	PPB	5	50	01/27/88		03/04/88	8	03/21/88	16
BARIUM	PPB	6	1000	01/27/88	28	03/04/88	34	03/21/88	60
BETA	PCI/L	8	50	01/27/88	8.91	02/25/88	79.90 +	02/28/88	49.40
					(2.32)		(6.45)		(5.35)
				06/03/88	9.05		NR		NR
					(2.37)				
BIS2EPH	PPB	10		01/27/88	10	03/04/88		03/21/88	
CALCIUM	PPB	50		01/27/88	58000	03/04/88	23600	03/21/88	43500
CHLFORM	PPB	10	100	01/27/88		03/04/88	20	03/21/88	16
CHLORID	PPB	500		01/27/88	16600	03/04/88	16900	03/21/88	21700
CHROMUM	PPB	10	50	01/27/88		03/04/88	66 *	03/21/88	157 *
CO-60	PCI/L	22.50	100	01/27/88		02/25/88	6.43	02/28/88	
							(5.25)		
				06/03/88			NR		NR
CONDFLD	µMHO	1		01/27/88	464	03/04/88	648	03/21/88	1055
FARSENI	PPB	5	50	01/27/88		03/04/88	6	03/21/88	16
FBARIUM	PPB	6	1000	01/27/88	27	03/04/88	35	03/21/88	59
FCALCIU	PPB	50		01/27/88	61900	03/04/88	23700	03/21/88	45500
FCHROMI	PPB	10	50	01/27/88		03/04/88	65 *	03/21/88	152 *
FIRON	PPB	50		01/27/88	50	03/04/88		03/21/88	
FLUORID	PPB	500	4000	01/27/88	724	03/04/88	3170	03/21/88	5050 *
FMAGNES	PPB	50		01/27/88	16200	03/04/88	7340	03/21/88	15300
FMANGAN	PPB	5		01/27/88	22	03/04/88		03/21/88	
FPOTASS	PPB	100		01/27/88	8130	03/04/88	2950	03/21/88	4890
FSELENI	PPB	5	10	01/27/88	7	03/04/88		03/21/88	
FSODIUM	PPB	200		01/27/88	27100	03/04/88	149000	03/21/88	181000
FSTRONT	PPB	10		01/27/88	283	03/04/88	126	03/21/88	249
FVANADI	PPB	5		01/27/88	7	03/04/88	52	03/21/88	67
HNITRAT	PPB	2500	45000		NR	02/25/88	209000 *	02/28/88	396000 *

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E34-1	SAMPLE DATE	2-W10-4	SAMPLE DATE	2-W10-9
IRON	PPB	50		01/27/88	1060	03/04/88		03/21/88	164
MAGNES	PPB	0		01/27/88	16300	03/04/88	7200	03/21/88	14700
MANGESE	PPB	5		01/27/88	32	03/04/88		03/21/88	
NITRATE	PPB	500	45000	01/27/88	13400	03/04/88	194000 *	03/21/88	356000 *
PH-LAB		0.01		01/27/88	7.70	03/04/88	7.81	03/21/88	8.06
PHFIELD		0.10		01/27/88	7.60	03/04/88	7.80	03/21/88	8.30
POTASUM	PPB	100		01/27/88	8800	03/04/88	3060	03/21/88	4720
SELENUM	PPB	5	10	01/27/88	5	03/04/88		03/21/88	
SODIUM	PPB	200		01/27/88	30300	03/04/88	155000	03/21/88	191000
STRONUM	PPB	10			NR	03/04/88	128	03/21/88	245
SULFATE	PPB	500		01/27/88	153000	03/04/88	53800	03/21/88	63500
TC	PPB	2000		01/27/88	23000	03/04/88	39600	03/21/88	39900
TETRANE	PPB	5	5	01/27/88		03/04/88	2590 *	03/21/88	1700 *
TOXLDL	PPB	10		01/27/88	26.50	03/04/88	1200	03/21/88	1110

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E34-1	SAMPLE DATE	2-W10-4	SAMPLE DATE	2-W10-9
TRICENE	PPB	10	5	01/27/88		03/04/88	23 *	03/21/88	15 *
TRITIUM	PCI/L	500	20000	01/27/88	1460	02/25/88	88500 *	02/28/88	65000 *
					(234)		(1150)		(982)
				06/03/88	1510		NR		NR
					(246)				
U	PCI/L	0.50	600		NR	02/25/88	0.99	02/28/88	2.38
VANADUM	PPB	5		01/27/88	9	03/04/88	51	03/21/88	67
ZINC	PPB	5		01/27/88		03/04/88		03/21/88	11

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W11-7	SAMPLE DATE	2-W11-14	SAMPLE DATE	2-W14-2
ALKALIN				06/30/88	111000 a	06/27/88	60200 a	03/29/88	127000 a
ALPHA	PCI/L	4	15	02/26/88	1.66	02/25/88	265 +	02/28/88	1.16
					(0.57)		(6.89)		(0.52)
				05/16/88	0.87	05/16/88	233 +		NR
					(0.43)		(6.16)		
ALUMNUM	PPB	150		06/30/88		06/27/88		03/29/88	1620
BARIUM	PPB	6	1000	06/30/88	79	06/27/88	99	03/29/88	146
BETA	PCI/L	8	50	02/26/88	66 +	02/25/88	193 +	02/28/88	54.40 +
					(5.89)		(9.87)		(5.22)
				05/16/88	60.80 +	05/16/88	158 +		NR
					(5.67)		(8.98)		
CADMIUM	PPB	2	10	06/30/88		06/27/88	4	03/29/88	
CALCIUM	PPB	50		06/30/88	97800	06/27/88	83400	03/29/88	63200
CHLFORM	PPB	10	100	06/30/88	15	06/27/88		03/29/88	
CHLORID	PPB	500		06/30/88	52700	06/27/88	59400	03/29/88	45800
CHROMUM	PPB	10	50	06/30/88	47	06/27/88	46	03/29/88	298 *
CONDFLD	µMHO	1		06/30/88	738	06/27/88	758	03/29/88	536
CYANIDE	PPB	10		06/30/88		06/27/88		03/29/88	26
FBARIUM	PPB	6	1000		NR		NR	03/29/88	79
FCALCIU	PPB	50			NR		NR	03/29/88	63700
FLUORID	PPB	500	4000	06/30/88	1300	06/27/88	962	03/29/88	1090
FMAGNES	PPB	50			NR		NR	03/29/88	21600
FMANGAN	PPB	5			NR		NR	03/29/88	6
FPOTASS	PPB	100			NR		NR	03/29/88	4950
FSODIUM	PPB	200			NR		NR	03/29/88	28100
FSTRONT	PPB	10			NR		NR	03/29/88	285
FVANADI	PPB	5			NR		NR	03/29/88	22
HNITRAT	PPB	2500	45000		NR		NR	02/28/88	74500 *
IRON	PPB	50		06/30/88	2680	06/27/88	26300	03/29/88	12500
LEADGF	PPB	5	50	06/30/88	6.30	06/27/88		03/29/88	
MAGNES	PPB	0		06/30/88	32400	06/27/88	28100	03/29/88	23200
MANGESE	PPB	5		06/30/88	91	06/27/88	766	03/29/88	89
MERCURY	PPB	0.10	2	06/30/88	0.54	06/27/88		03/29/88	
NITRATE	PPB	500	45000	06/30/88	215000 *	06/27/88	116000 *	03/29/88	65300 *

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W11-7	SAMPLE DATE	2-W11-14	SAMPLE DATE	2-W14-2
PH-LAB		0.01		06/30/88	7.90	06/27/88	7.80	03/29/88	7.92
PHFIELD		0.10		06/30/88	8.10	06/27/88	7.80	03/29/88	7.40
POTASUM	PPB	100		06/30/88	5840	06/27/88	5420	03/29/88	5140
RADIUM	PCI/L	1	5	06/30/88		06/27/88	0.88	03/29/88	
							(0.32)		
SELENUM	PPB	5	10	06/30/88		06/27/88	7.10	03/29/88	
SODIUM	PPB	200		06/30/88	27400	06/27/88	36500	03/29/88	28700
STRONUM	PPB	10		06/30/88	436	06/27/88	431	03/29/88	293
SULFATE	PPB	500		06/30/88	46300	06/27/88	64900	03/29/88	51000
TC	PPB	2000		06/30/88	30200	06/27/88	28600	03/29/88	29100
TC-99	PCI/L	15	900		NR		NR	02/28/88	351
									(3.51)
TETRANE	PPB	5	5	06/30/88	2080 *	06/27/88	650 *	03/29/88	1050 *
TOXLDL	PPB	10		06/30/88		06/27/88	148	03/29/88	788

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W11-7	SAMPLE DATE	2-W11-14	SAMPLE DATE	2-W14-2
TRICENE	PPB	10	5	06/30/88		06/27/88		03/29/88	11 *
TRITIUM	PCI/L	500	20000		NR		NR	02/28/88	80300 *
									(1100)
U	PCI/L	0.50	600		NR		NR	02/28/88	1.07
VANADUM	PPB	5		06/30/88	23	06/27/88	57	03/29/88	45
ZINC	PPB	5		06/30/88	36	06/27/88	41	03/29/88	15

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W14-5	SAMPLE DATE	2-W14-6	SAMPLE DATE	2-W14-10
ALKALIN				03/03/88	123000 @	03/03/88	115000 @	01/08/88	159000 @
					NR	04/20/88	113000 @		NR
					NR	04/20/88	112000 @		NR
					NR	04/20/88	112000 @		NR
ALPHA	PCI/L	4	15		NR	03/03/88	2.45	01/15/88	5.76
							(1.58)		(1.03)
					NR	03/03/88		05/16/88	5.25
									(0.98)
					NR	03/03/88			NR
					NR	04/20/88			NR
ALUMNUM	PPB	150		03/03/88	266		NR	01/08/88	
BARIUM	PPB	6	1000	03/03/88	43		NR	01/08/88	42
BETA	PCI/L	8.	50	02/28/88	25.60	02/28/88	10.10	01/15/88	5.78
					(3.66)		(2.39)		(2.04)
					NR	03/03/88	14.80	05/16/88	8.88
							(4.91)		(2.38)
					NR	03/03/88	9.79		NR
							(4.33)		
					NR	03/03/88	12.70		NR
							(4.87)		
					NR	04/20/88	10.60		NR
							(4.31)		
					NR	04/20/88	10.90		NR
							(2.53)		
CALCIUM	PPB	50		03/03/88	26300		NR	01/08/88	82100
CHLORID	PPB	500		03/03/88	6940	03/03/88	47900	01/08/88	29100
					NR	03/03/88	49700		NR
					NR	03/03/88	46600		NR
					NR	04/20/88	55500		NR
					NR	04/20/88	55500		NR
					NR	04/20/88	55400		NR
CO-60	PCI/L	22.50	100	02/28/88		02/28/88		01/15/88	6.79
									(5.54)
					NR		NR	05/16/88	

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W14-5	SAMPLE DATE	2-W14-6	SAMPLE DATE	2-W14-10
CONDFLD	µMHO	1		03/03/88	568	03/03/88	474	01/08/88	
					NR	04/20/88	600		NR
COPPER	PPB	10	(1300.0)	03/03/88			NR	01/08/88	13
CS-137	PCI/L	20	200	02/28/88		02/28/88		01/15/88	
					NR		NR	05/16/88	6.01
									(5.63)
FBARIUM	PPB	6	1000	03/03/88	40	03/03/88	50	01/08/88	40
					NR	03/03/88	49		NR
					NR	03/03/88	47		NR
					NR	04/20/88	47		NR
FCALCIU	PPB	50		03/03/88	26700	03/03/88	40800	01/08/88	76600
					NR	03/03/88	39400		NR
					NR	03/03/88	38400		NR
					NR	04/20/88	40800		NR

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W14-5	SAMPLE DATE	2-W14-6	SAMPLE DATE	2-W14-10
FIRON	PPB	50		03/03/88		03/03/88	165	01/08/88	
					NR	03/03/88	487		NR
					NR	03/03/88			NR
					NR	04/20/88			NR
FLUORID	PPB	500	4000	03/03/88	2260	03/03/88	3310	01/08/88	640
					NR	03/03/88	3300		NR
					NR	03/03/88	3320		NR
					NR	04/20/88	2520		NR
					NR	04/20/88	2470		NR
					NR	04/20/88	2550		NR
FMAGNES	PPB	50		03/03/88	8960	03/03/88	13700	01/08/88	25100
					NR	03/03/88	13100		NR
					NR	03/03/88	12900		NR
					NR	04/20/88	13600		NR
FMANGAN	PPB	5		03/03/88		03/03/88	6	01/08/88	
					NR	03/03/88	11		NR
					NR	03/03/88			NR
					NR	04/20/88			NR
FPOTASS	PPB	100		03/03/88	4370	03/03/88	5020	01/08/88	5370
					NR	03/03/88	4760		NR
					NR	03/03/88	4690		NR
					NR	04/20/88	5060		NR
FSODIUM	PPB	200		03/03/88	90900	03/03/88	48600	01/08/88	20900
					NR	03/03/88	45700		NR
					NR	03/03/88	45000		NR
					NR	04/20/88	38600		NR
FSTRONT	PPB	10		03/03/88	120	03/03/88	171	01/08/88	342
					NR	03/03/88	165		NR
					NR	03/03/88	162		NR
					NR	04/20/88	175		NR
FVANADI	PPB	5		03/03/88	88	03/03/88	35	01/08/88	15
					NR	03/03/88	36		NR
					NR	03/03/88	34		NR
					NR	04/20/88	32		NR

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W14-5	SAMPLE DATE	2-W14-6	SAMPLE DATE	2-W14-10	
FZINC	PPB	5		03/03/88		03/03/88		01/08/88	14	
					NR	03/03/88			NR	
					NR	03/03/88			NR	
					NR	04/20/88			NR	
HNITRAT	PPB	2500	45000	02/28/88	41400	02/28/88	15600	01/15/88	84300	*
					NR	04/20/88	14800	05/16/88	82500	*
IRON	PPB	50		03/03/88	1240		NR	01/08/88	836	
LFLUORD	PPB	50	4000		NR	03/03/88	3590		NR	
					NR	03/03/88	3620		NR	
					NR	03/03/88	3620		NR	
					NR	04/20/88	2480		NR	
					NR	04/20/88	2630		NR	
					NR	04/20/88	2630		NR	
MAGNES	PPB	0		03/03/88	8740		NR	01/08/88	26100	

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W14-5		SAMPLE DATE	2-W14-6		SAMPLE DATE	2-W14-10	
MANGESE	PPB	5		03/03/88	17			NR		01/08/88	18	
NITRATE	PPB	500	45000	03/03/88	49400	*	03/03/88	18100		01/08/88	101000	*
					NR		03/03/88	18100			NR	
					NR		03/03/88	18100			NR	
					NR		04/20/88	14800			NR	
					NR		04/20/88	14500			NR	
					NR		04/20/88	14900			NR	
PH-LAB		0.01		03/03/88	7.82		03/03/88	7.74		01/08/88	7.73	
					NR		04/20/88	8			NR	
PHFIELD		0.10		03/03/88	7.60		03/03/88	7.50		01/08/88	8.20	
					NR		04/20/88	7.60			NR	
POTASUM	PPB	100		03/03/88	4290			NR		01/08/88	5710	
RADIUM	PCI/L	1	5	03/03/88	0.26			NR		01/08/88		
					(0.19)							
SODIUM	PPB	200		03/03/88	88700			NR		01/08/88	21200	
STRONUM	PPB	10		03/03/88	117			NR			NR	
SULFATE	PPB	500		03/03/88	61500		03/03/88	42000		01/08/88	79300	
					NR		03/03/88	42300			NR	
					NR		03/03/88	42500			NR	
					NR		04/20/88	36300			NR	
					NR		04/20/88	36200			NR	
					NR		04/20/88	36100			NR	
TC	PPB	2000		03/03/88	31400		03/03/88	29300		01/08/88	35400	
					NR		04/20/88	26100			NR	
TETRANE	PPB	5	5	03/03/88	300	*	03/03/88	300	*	01/08/88		
					NR		03/03/88	300	*		NR	
					NR		03/03/88	320	*		NR	
					NR		04/20/88	280	*		NR	
					NR		04/20/88	290	*		NR	
					NR		04/20/88	290	*		NR	
TOXLDL	PPB	10		03/03/88	232		03/03/88	234		01/08/88		
					NR		04/20/88	182			NR	

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W14-5	SAMPLE DATE	2-W14-6	SAMPLE DATE	2-W14-10
TRITIUM	PCI/L	500	20000	02/28/88	6280	02/28/88	11400	01/15/88	1700
					(362)		(447)		(246)
					NR	04/20/88	8700	05/16/88	1090
							(407)		(187)
U	PCI/L	0.50	600	02/28/88		02/28/88	0.63		NR
VANADUM	PPB	5		03/03/88	86		NR	01/08/88	17
ZINC	PPB	5		03/03/88			NR	01/08/88	13

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W15-4	SAMPLE DATE	2-W15-7	SAMPLE DATE	2-W15-8
ALKALIN				03/02/88	173000 @	03/04/88	101000 @	06/30/88	108000 @
ALPHA	PCI/L	4	15		NR	02/29/88	0.48	02/26/88	
							(0.35)		
					NR		NR	05/18/88	
ALUMNUM	PPB	150		03/02/88		03/04/88		06/30/88	9690
AMMONIU	PPB	50		03/02/88	148	03/04/88		06/30/88	44000
ARSENIC	PPB	5	50	03/02/88	20	03/04/88		06/30/88	
BARIUM	PPB	6	1000	03/02/88	39	03/04/88	37	06/30/88	228
BETA	PCI/L	8	50	02/28/88	10.10	02/29/88	19.70	02/26/88	38.20
					(2.74)		(3.10)		(4.44)
					NR		NR	05/18/88	26.90
									(3.72)
CALCIUM	PPB	50		03/02/88	22800	03/04/88	31900	06/30/88	111000
CHLFORM	PPB	10	100	03/02/88	16	03/04/88	19	06/30/88	1650 *
CHLORID	PPB	500		03/02/88	15600	03/04/88	8000	06/30/88	23500
CHROMUM	PPB	10	50	03/02/88		03/04/88		06/30/88	48
CO-60	PCI/L	22.50	100		NR	02/29/88	14		NR
							(11.50)		
CONDFLD	µMHO	1		03/02/88	1635	03/04/88	296	06/30/88	543
COPPER	PPB	10	(1300.0)	03/02/88		03/04/88		06/30/88	100
CS-137	PCI/L	20	200		NR	02/29/88	7.89		NR
							(6.64)		
CYANIDE	PPB	10		03/02/88		03/04/88		06/30/88	36.40
FARSENI	PPB	5	50	03/02/88	24	03/04/88			NR
FBARIUM	PPB	6	1000	03/02/88	39	03/04/88	33		NR
FCALCIU	PPB	50		03/02/88	24500	03/04/88	32300		NR
FLUORID	PPB	500	4000	03/02/88	12800 *	03/04/88	527	06/30/88	592
FMAGNES	PPB	50		03/02/88	7050	03/04/88	10500		NR
FMANGAN	PPB	5		03/02/88	10	03/04/88			NR
FPOTASS	PPB	100		03/02/88	5950	03/04/88	4040		NR
FSODIUM	PPB	200		03/02/88	269000	03/04/88	27400		NR
FSTRONT	PPB	10		03/02/88	122	03/04/88	153		NR
FVANADI	PPB	5		03/02/88	269	03/04/88	30		NR
HNITRAT	PPB	2500	45000	02/28/88	399000 *	02/29/88	55700 *		NR

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W15-4	SAMPLE DATE	2-W15-7	SAMPLE DATE	2-W15-8
IRON	PPB	50		03/02/88	112	03/04/88	558	06/30/88	222000
LEADGF	PPB	5	50	03/02/88		03/04/88		06/30/88	132 *
MAGNES	PPB	0		03/02/88	6680	03/04/88	10100	06/30/88	20800
MANGESE	PPB	5		03/02/88	11	03/04/88	29	06/30/88	2160
METHYCH	PPB	5		03/02/88		03/04/88		06/30/88	980
NICKEL	PPB	10		03/02/88		03/04/88		06/30/88	49
NITRATE	PPB	500	45000	03/02/88	397000 *	03/04/88	54800 *	06/30/88	139000 *
PH-LAB		0.01		03/02/88	7.72	03/04/88	8.07	06/30/88	9.10
PHFIELD		0.10		03/02/88	6.80	03/04/88	8.40	06/30/88	7.20
POTASUM	PPB	100		03/02/88	5590	03/04/88	3980	06/30/88	25000
RADIUM	PCI/L	1	5	03/02/88		03/04/88	0.18	06/30/88	1.48
							(0.15)		(0.40)
SODIUM	PPB	200		03/02/88	258000	03/04/88	26100	06/30/88	39000
STRONUM	PPB	10		03/02/88	117	03/04/88	151	06/30/88	268

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W15-4		SAMPLE DATE	2-W15-7		SAMPLE DATE	2-W15-8	
SULFATE	PPB	500		03/02/88	37800		03/04/88	26400		06/30/88	50300	
TC	PPB	2000		03/02/88	42600		03/04/88	25200		06/30/88	9970	
TC-99	PCI/L	15	900	02/28/88	46			NR			NR	
					(1.65)							
TETRANE	PPB	5	5	03/02/88	2090	*	03/04/88	2310	*	06/30/88	130	*
TOC	PPB	2000		03/02/88			03/04/88			06/30/88	2740	
TOXLDL	PPB	10		03/02/88	915		03/04/88	953		06/30/88	2900	
TRICENE	PPB	10	5	03/02/88	11	*	03/04/88	10	*	06/30/88		
TRITIUM	PCI/L	500	20000	02/28/88	155000	*	02/29/88	976			NR	
					(1500)			(230)				
U	PCI/L	0.50	600	02/28/88	2.70			NR			NR	
VANADUM	PPB	5		03/02/88	259		03/04/88	25		06/30/88	52	
ZINC	PPB	5		03/02/88			03/04/88	6		06/30/88	1300	

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W15-10	SAMPLE DATE	2-W15-11	SAMPLE DATE	2-W15-12
ALKALIN				03/02/88	111000 @	03/02/88	123000 @	06/30/88	103000 @
ALPHA	PCI/L	4	15	02/29/88	0.78	02/29/88	1.64		NR
					(0.43)		(0.59)		
ALUMNUM	PPB	150		03/02/88		03/02/88		06/30/88	524
ARSENIC	PPB	5	50	03/02/88		03/02/88		06/30/88	7
BARIUM	PPB	6	1000	03/02/88	64	03/02/88	71	06/30/88	210
BETA	PCI/L	8	50	02/29/88	14	02/29/88	15		NR
					(2.72)		(2.89)		
CALCIUM	PPB	50		03/02/88	56000	03/02/88	70800	06/30/88	70400
CHLFORM	PPB	10	100	03/02/88	26	03/02/88	40	06/30/88	23
CHLORID	PPB	500		03/02/88	21800	03/02/88	23100	06/30/88	34200
CHROMUM	PPB	10	50	03/02/88	14	03/02/88	31	06/30/88	65 *
CONDFLD	µMHO	1		03/02/88	669	03/02/88	693	06/30/88	639
FBARIUM	PPB	6	1000	03/02/88	60	03/02/88	69		NR
FCALCIU	PPB	50		03/02/88	57600	03/02/88	75000		NR
FCHROMI	PPB	10	50	03/02/88	15	03/02/88	33		NR
FLUORID	PPB	500	4000	03/02/88		03/02/88		06/30/88	1870
FMAGNES	PPB	50		03/02/88	18700	03/02/88	22400		NR
FPOTASS	PPB	100		03/02/88	4790	03/02/88	5540		NR
FSODIUM	PPB	200		03/02/88	17100	03/02/88	25700		NR
FSTRONT	PPB	10		03/02/88	250	03/02/88	314		NR
FVANADI	PPB	5		03/02/88	23	03/02/88	21		NR
HNITRAT	PPB	2500	45000	02/29/88	114000 *	02/29/88	128000 *		NR
IRON	PPB	50		03/02/88	113	03/02/88		06/30/88	72100
MAGNES	PPB	0		03/02/88	18400	03/02/88	21600	06/30/88	23100
MANGESE	PPB	5		03/02/88		03/02/88		06/30/88	1960
NICKEL	PPB	10		03/02/88		03/02/88		06/30/88	21
NITRATE	PPB	500	45000	03/02/88	101000 *	03/02/88	131000 *	06/30/88	124000 *
PH-LAB		0.01		03/02/88	7.67	03/02/88	7.60	06/30/88	7.80
PHFIELD		0.10		03/02/88	6.90	03/02/88	6.70	06/30/88	7.30
POTASUM	PPB	100		03/02/88	4750	03/02/88	5270	06/30/88	5070
RADIUM	PCI/L	1	5	03/02/88		03/02/88		06/30/88	2.44
									(0.50)

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W15-10		SAMPLE DATE	2-W15-11		SAMPLE DATE	2-W15-12	
SODIUM	PPB	200		03/02/88	17600		03/02/88	25300		06/30/88	46400	
STRONUM	PPB	10		03/02/88	248		03/02/88	302		06/30/88	319	
SULFATE	PPB	500		03/02/88	45000		03/02/88	60800		06/30/88	56700	
TC	PPB	2000		03/02/88	28300		03/02/88	30900		06/30/88	29000	
TETRANE	PPB	5	5	03/02/88	3730	*	03/02/88	5550	*	06/30/88	1500	*
TOXLDL	PPB	10		03/02/88	2030		03/02/88	2870		06/30/88		
TRICENE	PPB	10	5	03/02/88			03/02/88	11	*	06/30/88		
TRITIUM	PCI/L	500	20000	02/29/88	7110		02/29/88	14700			NR	
					(377)			(498)				
VANADUM	PPB	5		03/02/88	24		03/02/88	24		06/30/88	84	
ZINC	PPB	5		03/02/88			03/02/88			06/30/88	65	

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W18-4		SAMPLE DATE	2-W18-5		SAMPLE DATE	2-W18-9	
ALKALIN				06/27/88	109000	@	03/17/88	107000	@	06/27/88	67700	@
ALPHA	PCI/L	4	15		NR		02/22/88	1.02		02/22/88		
								(0.49)				
					NR			NR		05/18/88		
ALUMNUM	PPB	150		06/27/88	555		03/17/88			06/27/88	839	
AMMONIU	PPB	50		06/27/88	15000		03/17/88	420		06/27/88	58	
BARIUM	PPB	6	1000	06/27/88	34		03/17/88	75		06/27/88	28	
BETA	PCI/L	8	50		NR		02/22/88	6.95		02/22/88		
								(2.26)				
					NR			NR		05/18/88	4.54	
											(1.87)	
CADMIUM	PPB	2	10	06/27/88	3		03/17/88			06/27/88	5	
CALCIUM	PPB	50		06/27/88	17200		03/17/88	63300		06/27/88	18300	
CHLFORM	PPB	10	100	06/27/88	510	*	03/17/88	28		06/27/88	19	
CHLORID	PPB	500		06/27/88	9580		03/17/88	4970		06/27/88	4410	
CHROMUM	PPB	10	50	06/27/88	22		03/17/88	21		06/27/88	28	
CONDFLD	µMHO	1		06/27/88	347		03/17/88	760		06/27/88	179	
COPPER	PPB	10	(1300.0)	06/27/88			03/17/88			06/27/88	14	
FBARIUM	PPB	6	1000		NR		03/17/88	69			NR	
FCALCIU	PPB	50			NR		03/17/88	64300			NR	
FCHROMI	PPB	10	50		NR		03/17/88	14			NR	
FCOPPER	PPB	10	(1300.0)		NR		03/17/88	10			NR	
FIRON	PPB	50			NR		03/17/88	54			NR	
FLUORID	PPB	500	4000	06/27/88			03/17/88	622		06/27/88		
FMAGNES	PPB	50			NR		03/17/88	18600			NR	
FPOTASS	PPB	100			NR		03/17/88	4820			NR	
FSODIUM	PPB	200			NR		03/17/88	51100			NR	
FSTRONT	PPB	10			NR		03/17/88	243			NR	
FVANADI	PPB	5			NR		03/17/88	25			NR	
FZINC	PPB	5			NR		03/17/88	6			NR	
HNITRAT	PPB	2500	45000		NR			NR		02/22/88	6060	
					NR			NR		05/18/88	3670	
IRON	PPB	50		06/27/88	7350		03/17/88	1970		06/27/88	27300	
LEADGF	PPB	5	50	06/27/88	32.60		03/17/88			06/27/88	18.90	

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W18-4		SAMPLE DATE	2-W18-5		SAMPLE DATE	2-W18-9	
MAGNES	PPB	0		06/27/88	7880		03/17/88	19200		06/27/88	6080	
MANGESE	PPB	5		06/27/88	309		03/17/88	68		06/27/88	379	
METHYCH	PPB	5		06/27/88	90		03/17/88			06/27/88		
NICKEL	PPB	10		06/27/88	12		03/17/88			06/27/88	19	
NITRATE	PPB	500	45000	06/27/88	65300	*	03/17/88	277000	*	06/27/88	4770	
PH-LAB		0.01		06/27/88	7.80		03/17/88	7.93		06/27/88	7.70	
PHFIELD		0.10		06/27/88	7.70		03/17/88	7		06/27/88	7.60	
POTASUM	PPB	100		06/27/88	6100		03/17/88	4330		06/27/88	3460	
SODIUM	PPB	200		06/27/88	29800		03/17/88	48400		06/27/88	15300	
STRONUM	PPB	10		06/27/88	111		03/17/88	251		06/27/88	93	
SULFATE	PPB	500		06/27/88	23200		03/17/88	23300		06/27/88	18100	
TC	PPB	2000		06/27/88	18000		03/17/88	25800		06/27/88	19100	
TETRANE	PPB	5	5	06/27/88	120	*	03/17/88	3310	*	06/27/88	210	*
TOXLDL	PPB	10		06/27/88	438		03/17/88	1970		06/27/88		

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W18-4	SAMPLE DATE	2-W18-5	SAMPLE DATE	2-W18-9
VANADUM	PPB	5		06/27/88	10	03/17/88	32	06/27/88	34
ZINC	PPB	5		06/27/88	5610	03/17/88	9	06/27/88	7380

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W18-15	SAMPLE DATE	2-W18-17	SAMPLE DATE	2-W19-3
ALKALIN				01/08/88	95300 @	06/22/88	73700 @	03/04/88	157000 @
ALPHA	PCI/L	4	15	01/15/88	47.70 + (2.89)	01/15/88	0.79 (0.43)	01/18/88	3100 + (244)
				05/18/88	49.20 + (2.97)	02/17/88		03/21/88	2790 + (228)
					NR	03/18/88		04/11/88	2580 + (220)
					NR	04/13/88		05/09/88	2970 + (228)
					NR	05/09/88		05/18/88	2320 + (20.10)
					NR	06/09/88		06/14/88	1880 + (185)
AMMONIU	PPB	50		01/08/88		06/22/88	120	03/04/88	
ARSENIC	PPB	5	50	01/08/88	10	06/22/88		03/04/88	
BARIUM	PPB	6	1000	01/08/88	21	06/22/88	56	03/04/88	39
BETA	PCI/L	8	50	01/15/88	16.60 (2.78)	01/15/88	2.69 (1.32)	01/18/88	2870 + (351)
				05/18/88	11.10 (2.37)	02/17/88	1.69 (1.14)	03/21/88	2790 + (346)
					NR	03/18/88	2.79 (1.38)	04/11/88	2580 + (333)
					NR	04/13/88	2.35 (1.25)	05/09/88	2180 + (310)
					NR	05/09/88	4.59 (1.64)	05/18/88	700 + (18.10)
					NR	06/09/88	3 (1.41)	06/14/88	2110 + (302)
CALCIUM	PPB	50		01/08/88	23500	06/22/88	26600	03/04/88	36100
CHLFORM	PPB	10	100	01/08/88		06/22/88	13	03/04/88	
CHLORID	PPB	500		01/08/88	3760	06/22/88	3320	03/04/88	18600
CHROMUM	PPB	10	50	01/08/88		06/22/88	13	03/04/88	11

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W18-15	SAMPLE DATE	2-W18-17	SAMPLE DATE	2-W19-3
CO-60	PCI/L	22.50	100	01/15/88		01/15/88		01/18/88	
				05/18/88	6.83	04/13/88		03/21/88	
					(5.57)				
					NR		NR	04/11/88	
					NR		NR	05/09/88	
					NR		NR	05/18/88	
					NR		NR	06/14/88	
CONDFLD	µMHO	1		01/08/88		06/22/88	183	03/04/88	403
FARSENI	PPB	5	50	01/08/88	12		NR	03/04/88	
FBARIUM	PPB	6	1000	01/08/88	20		NR	03/04/88	38
FCALCIU	PPB	50		01/08/88	21000		NR	03/04/88	33600
FCHROMI	PPB	10	50	01/08/88			NR	03/04/88	10
FLUORID	PPB	500	4000	01/08/88		06/22/88		03/04/88	524
FMAGNES	PPB	50		01/08/88	8070		NR	03/04/88	10100
FPOTASS	PPB	100		01/08/88	3400		NR	03/04/88	3930
FSODIUM	PPB	200		01/08/88	11300		NR	03/04/88	62900

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W18-15	SAMPLE DATE	2-W18-17	SAMPLE DATE	2-W19-3
FSTRONT	PPB	10		01/08/88	92		NR	03/04/88	145
FVANADI	PPB	5		01/08/88	19		NR	03/04/88	9
FZINC	PPB	5		01/08/88			NR	03/04/88	9
HNITRAT	PPB	2500	45000	01/15/88		01/15/88		01/18/88	60300 *
				05/18/88		04/13/88		03/21/88	57900 *
					NR		NR	04/11/88	51900 *
					NR		NR	05/09/88	46600 *
					NR		NR	06/14/88	45400 *
I-129DW	PCI/L	1			NR		NR	05/18/88	15.50
									(1.68)
IRON	PPB	50		01/08/88	91	06/22/88	53600	03/04/88	390
MAGNES	PPB	0		01/08/88	8630	06/22/88	9420	03/04/88	10500
MANGESE	PPB	5		01/08/88		06/22/88	732	03/04/88	12
NITRATE	PPB	500	45000	01/08/88	1420	06/22/88	2810000 *	03/04/88	56100 *
PH-LAB		0.01		01/08/88	7.96	06/22/88	8.10	03/04/88	7.77
PHFIELD		0.10		01/08/88	8.40	06/22/88	8.40	03/04/88	8
POTASUM	PPB	100		01/08/88	3550	06/22/88	3640	03/04/88	4050
RU-106	PCI/L	172.50	30	01/15/88		01/15/88		01/18/88	
				05/18/88	48.20 *	04/13/88		03/21/88	
					(45.10)				
					NR		NR	04/11/88	
					NR		NR	05/09/88	
					NR		NR	05/18/88	
					NR		NR	06/14/88	
SODIUM	PPB	200		01/08/88	12000	06/22/88	8730	03/04/88	63400
STRONUM	PPB	10			NR	06/22/88	127	03/04/88	151
SULFATE	PPB	500		01/08/88	12800	06/22/88	1280000	03/04/88	42000
TC	PPB	2000		01/08/88	21200	06/22/88	21200	03/04/88	39000
TC-99	PCI/L	15	900		NR		NR	03/21/88	1280 *
									(22.70)
					NR		NR	04/11/88	1240 *
									(23.20)
					NR		NR	05/09/88	1170 *
									(22)

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W18-15	SAMPLE DATE	2-W18-17	SAMPLE DATE	2-W19-3
					NR		NR	06/14/88	1120 *
									(22.50)
TETRANE	PPB	5	5	01/08/88	120 *	06/22/88	180 *	03/04/88	94 *
TOXLDL	PPB	10		01/08/88	84.20	06/22/88	32	03/04/88	66.60
TRITIUM	PCI/L	500	20000	01/15/88		01/15/88		01/18/88	419
									(212)
				05/18/88		04/13/88		04/11/88	817
									(215)
					NR		NR	05/18/88	383
									(167)
U-234	PCI/L	0.10	32	01/15/88	22.90		NR	01/18/88	1860 *
					(0.43)				(53)
U-235	PCI/L	0.10	32	01/15/88	2.75		NR	01/18/88	110 *
					(0.15)				(12.90)

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W18-15	SAMPLE DATE	2-W18-17	SAMPLE DATE	2-W19-3
U-238	PCI/L	0.10	4.80	01/15/88	24.50 *		NR	01/18/88	1910 *
					(0.44)				(53.60)
U-CHEM	UG/L	0.73		01/15/88	56.50		NR	01/18/88	5150
				05/18/88	63.20		NR	03/21/88	3630
					NR		NR	04/11/88	3930
					NR		NR	05/09/88	2750
					NR		NR	06/14/88	3270
VANADUM	PPB	5		01/08/88	21	06/22/88	100	03/04/88	16
ZINC	PPB	5		01/08/88		06/22/88	19	03/04/88	18

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W19-9	SAMPLE DATE	2-W19-11	SAMPLE DATE	2-W19-13
ALKALIN				01/14/88	127000 @	01/18/88	145000 @	01/12/88	135000 @
				05/13/88	120000 @		NR		NR
ALPHA	PCI/L	4	15	01/14/88	835 + (25.10)	01/18/88	2570 + (213)	01/12/88	8.48 (1.25)
				01/14/88	1360 + (160)	02/11/88	2470 + (215)	04/20/88	8.27 (1.24)
				05/13/88	613 + (20.40)	03/21/88	1930 + (188)		NR
				05/18/88	717 + (115)		NR		NR
AMMONIU	PPB	50		01/14/88		01/18/88	60	01/12/88	
				05/13/88			NR		NR
BARIUM	PPB	6	1000		NR	01/18/88	43	01/12/88	40
BETA	PCI/L	8	50	01/14/88	416 + (19.90)	01/18/88	2620 + (338)	01/12/88	16.70 (2.90)
				01/14/88	1100 + (231)	02/11/88	3160 + (366)	04/20/88	18.70 (3.11)
				05/13/88	353 + (17.30)	03/21/88	2560 + (331)		NR
				05/18/88	798 + (203)		NR		NR
CALCIUM	PPB	50			NR	01/18/88	43900	01/12/88	41400
CHLORID	PPB	500		01/14/88	15600	01/18/88	16000	01/12/88	14400
				05/13/88	13900		NR		NR
CO-60	PCI/L	22.50	100	01/14/88		01/18/88		01/12/88	9.91 (8.35)
				05/18/88	NR	02/11/88 03/21/88	7.48 (5.38)	04/20/88	NR
CONDFLD	µMHO	1		01/14/88	381	01/18/88	492	01/12/88	399
				05/13/88	324		NR		NR
FBARIUM	PPB	6	1000	01/14/88	49	01/18/88	42	01/12/88	37
				05/13/88	47		NR		NR

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W19-9	SAMPLE DATE	2-W19-11	SAMPLE DATE	2-W19-13
FCALCIU	PPB	50		01/14/88	33200	01/18/88	45200	01/12/88	40800
				05/13/88	31600		NR		NR
FLUORID	PPB	500	4000	01/14/88	756	01/18/88	667	01/12/88	830
				05/13/88	750		NR		NR
FMAGNES	PPB	50		01/14/88	10500	01/18/88	13600	01/12/88	12900
				05/13/88	9920		NR		NR
FMANGAN	PPB	5		01/14/88		01/18/88		01/12/88	
				05/13/88	8		NR		NR
FPOTASS	PPB	100		01/14/88	3820	01/18/88	4410	01/12/88	4600
				05/13/88	3650		NR		NR
FSODIUM	PPB	200		01/14/88	35000	01/18/88	48100	01/12/88	26400
				05/13/88	30900		NR		NR
FSTRONT	PPB	10		01/14/88	148	01/18/88	188	01/12/88	182
				05/13/88	133		NR		NR
FVANADI	PPB	5		01/14/88	16	01/18/88	12	01/12/88	26

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W19-9	SAMPLE DATE	2-W19-11	SAMPLE DATE	2-W19-13
FVANADI	PPB	5		05/13/88	22		NR		NR
FZINC	PPB	5		01/14/88	35	01/18/88	9	01/12/88	7
				05/13/88	44		NR		NR
HNITRAT	PPB	2500	45000	01/14/88	36000	01/18/88	92100 *	01/12/88	18000
				05/18/88	18400	02/11/88	87400 *	04/20/88	20000
					NR	03/21/88	86200 *		NR
IRON	PPB	50			NR	01/18/88	316	01/12/88	
LFLUORD	PPB	50	4000	01/14/88	574		NR		NR
				05/13/88	604		NR		NR
MAGNES	PPB	0			NR	01/18/88	13800	01/12/88	12800
NITRATE	PPB	500	45000	01/14/88	34400	01/18/88	93100 *	01/12/88	21000
				05/13/88	19800		NR		NR
PH-LAB		0.01		01/14/88	7.76	01/18/88	7.87	01/12/88	7.68
				05/13/88	8.10		NR		NR
PHFIELD		0.10		01/14/88	8.50	01/18/88	7.50	01/12/88	7.80
				05/13/88	7.90		NR		NR
POTASUM	PPB	100			NR	01/18/88	4970	01/12/88	4400
SODIUM	PPB	200			NR	01/18/88	53000	01/12/88	25600
STRONUM	PPB	10			NR	01/18/88	194	01/12/88	179
SULFATE	PPB	500		01/14/88	28400	01/18/88	38400	01/12/88	38800
				05/13/88	27100		NR		NR
TC	PPB	2000		01/14/88	29200	01/18/88	33400	01/12/88	31300
				05/13/88	27600		NR		NR
TC-99	PCI/L	15	900	01/14/88	1020 *	01/18/88	355		NR
					(21.10)		(3.54)		
				05/18/88	348	02/11/88	2870 *		NR
					(15.10)		(32)		
					NR	03/21/88	2080 *		NR
							(28.40)		
TETRANE	PPB	5	5	01/14/88	99 *	01/18/88	115 *	01/12/88	33 *
				05/13/88	110 *		NR		NR
TOXLDL	PPB	10		01/14/88	81.10	01/18/88	110	01/12/88	
				05/13/88	41.20		NR		NR

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W19-9	SAMPLE DATE	2-W19-11	SAMPLE DATE	2-W19-13
TRITIUM	PCI/L	500	20000	01/14/88	562	01/18/88	680	01/12/88	
					{ 217 }		{ 221 }		
				05/18/88			NR	04/20/88	
U-234	PCI/L	0.10	32	01/14/88	903 *	01/18/88	1360 *		NR
					{ 40.30}		{ 48.70}		
U-235	PCI/L	0.10	32	01/14/88	131 *	01/18/88	102 *		NR
					{ 15.30}		{ 13.40}		
U-238	PCI/L	0.10	4.80	01/14/88	1000 *	01/18/88	1490 *		NR
					{ 42.30}		{ 51.10}		
U-CHEM	UG/L	0.73		01/14/88	2140	01/18/88	3200	01/12/88	10.10
				05/18/88	1380	02/11/88	3920	04/20/88	8.94
					NR	03/21/88	2610		NR
VANADUM	PPB	5			NR	01/18/88	11	01/12/88	13
ZINC	PPB	5			NR	01/18/88	21	01/12/88	17

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W19-15	SAMPLE DATE	2-W19-16	SAMPLE DATE	2-W19-18
12PRDOL	PPB			01/12/88	48 @		NR		NR
ALKALIN				01/12/88	156000 @	01/12/88	126000 @	01/14/88	189000 @
				04/20/88	156000 @	04/20/88	113000 @		NR
ALPHA	PCI/L	4	15	01/12/88	235 + (14.60)	01/12/88	989 + (27)	01/14/88	3710 + (267)
				01/12/88	219 + (13.40)	01/12/88	913 + (131)	02/10/88	3660 + (258)
				04/20/88	164 + (12.90)	04/20/88	717 + (23.10)	03/18/88	2610 + (211)
				04/20/88	193 + (13.70)	04/20/88	693 + (23)	04/11/88	2690 + (224)
					NR	04/20/88	874 + (29.40)	05/06/88	2400 + (212)
					NR	04/20/88	668 + (113)	06/09/88	2760 + (221)
AMMONIU	PPB	50		01/12/88	63	01/12/88		01/14/88	
				04/20/88		04/20/88			NR
BARIUM	PPB	6	1000		NR		NR	01/14/88	77
BETA	PCI/L	8	50	01/12/88	203 + (14.10)	01/12/88	491 + (20.50)	01/14/88	4800 + (447)
				01/12/88	308 + (33.60)	01/12/88	1540 + (264)	02/10/88	6180 + (503)
				04/20/88	179 + (13.10)	04/20/88	556 + (22.50)	03/18/88	4830 + (446)
				04/20/88	325 + (34.30)	04/20/88	612 + (23.50)	04/11/88	4240 + (420)
					NR	04/20/88	616 + (23.50)	05/06/88	4260 + (420)
					NR	04/20/88	1210 + (242)	06/09/88	3800 + (400)
CALCIUM	PPB	50			NR		NR	01/14/88	82200
CHLORID	PPB	500		01/12/88	25900	01/12/88	14400	01/14/88	20500
				04/20/88	27800	04/20/88	14500		NR

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W19-15	SAMPLE DATE	2-W19-16	SAMPLE DATE	2-W19-18
CO-60	PCI/L	22.50	100	01/12/88		01/12/88		01/14/88	
				04/20/88		04/20/88	3.98	02/10/88	
							(3.01)		
					NR		NR	03/18/88	
					NR		NR	04/11/88	77.80
									(15.40)
					NR		NR	05/06/88	52.90
									(11.20)
					NR		NR	06/09/88	
CONDFLD	µMHO	1		01/12/88	673	01/12/88	423	01/14/88	683
				04/20/88	720	04/20/88	417		NR
FBARIUM	PPB	6	1000	01/12/88	45	01/12/88	38	01/14/88	73
				04/20/88	49	04/20/88	29		NR
FCALCIU	PPB	50		01/12/88	65300	01/12/88	30600	01/14/88	79800
				04/20/88	69200	04/20/88	31200		NR

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W19-15		SAMPLE DATE	2-W19-16		SAMPLE DATE	2-W19-18	
FCHROMI	PPB	10	50	01/12/88			01/12/88			01/14/88	12	
				04/20/88			04/20/88				NR	
FIRON	PPB	50		01/12/88			01/12/88			01/14/88		
				04/20/88	51		04/20/88				NR	
FLUORID	PPB	500	4000	01/12/88	705		01/12/88	892		01/14/88	655	
				04/20/88	597		04/20/88				NR	
FMAGNES	PPB	50		01/12/88	22400		01/12/88	10300		01/14/88	25100	
				04/20/88	23600		04/20/88	11200			NR	
FMANGAN	PPB	5		01/12/88	70		01/12/88			01/14/88	8	
				04/20/88	51		04/20/88	19			NR	
FPOTASS	PPB	100		01/12/88	5530		01/12/88	4040		01/14/88	5510	
				04/20/88	5390		04/20/88	4150			NR	
FSELENI	PPB	5	10	01/12/88			01/12/88			01/14/88		
				04/20/88	8		04/20/88				NR	
FSODIUM	PPB	200		01/12/88	34300		01/12/88	41600		01/14/88	48100	
				04/20/88	30300		04/20/88	27300			NR	
FSTRONT	PPB	10		01/12/88	266		01/12/88	152		01/14/88	345	
				04/20/88	293		04/20/88	157			NR	
FVANADI	PPB	5		01/12/88	10		01/12/88	16		01/14/88		
				04/20/88	9		04/20/88				NR	
FZINC	PPB	5		01/12/88	53		01/12/88	6		01/14/88	27	
				04/20/88	34		04/20/88	9			NR	
HNITRAT	PPB	2500	45000	01/12/88	93400	*	01/12/88	53600	*	01/14/88	138000	*
				04/20/88	103000	*	04/20/88	39800		02/10/88	134000	*
					NR			NR		03/18/88	137000	*
					NR			NR		04/11/88	116000	*
					NR			NR		05/06/88	118000	*
					NR			NR		06/09/88	110000	*
IRON	PPB	50			NR			NR		01/14/88	133	
LFLUORD	PPB	50	4000	01/12/88	420		01/12/88	560			NR	
				04/20/88	390		04/20/88	515			NR	
MAGNES	PPB	0			NR			NR		01/14/88	25400	
MANGESE	PPB	5			NR			NR		01/14/88	10	

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W19-15		SAMPLE DATE	2-W19-16		SAMPLE DATE	2-W19-18	
NITRATE	PPB	500	45000	01/12/88	92800	*	01/12/88	50900	*	01/14/88	146000	*
				04/20/88	107000	*	04/20/88	39100			NR	
PH-LAB		0.01		01/12/88	7.45		01/12/88	7.73		01/14/88	7.81	
				04/20/88	7.80		04/20/88	7.90			NR	
PHFIELD		0.10		01/12/88	7.70		01/12/88	7.90		01/14/88	8.40	
				04/20/88	7.40		04/20/88	7.70			NR	
PHOSPHA	PPB	1000		01/12/88			01/12/88			01/14/88	5160	
				04/20/88			04/20/88				NR	
POTASUM	PPB	100			NR			NR		01/14/88	5550	
RU-106	PCI/L	172.50	30	01/12/88			01/12/88			01/14/88		
				04/20/88			04/20/88	45.80	*	02/10/88		
								(38.60)				
					NR			NR		03/18/88		
					NR			NR		04/11/88		
					NR			NR		05/06/88		

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W19-15	SAMPLE DATE	2-W19-16	SAMPLE DATE	2-W19-18
RU-106	PCI/L	172.50	30		NR		NR	06/09/88	
SODIUM	PPB	200			NR		NR	01/14/88	46800
SULFATE	PPB	500		01/12/88	60400	01/12/88	31300	01/14/88	50600
				04/20/88	71200	04/20/88	29400		NR
TC	PPB	2000		01/12/88	38000	01/12/88	28100	01/14/88	43200
				04/20/88	37300	04/20/88	26000		NR
TC-99	PCI/L	15	900	01/12/88	951 *	01/12/88	1720 *	01/14/88	9200 *
					(8.14)		(7.41)		(55)
				04/20/88	1030 *	04/20/88	1040 *	02/10/88	7450 *
					(8.29)		(21.10)		(49.80)
					NR		NR	03/18/88	5470 *
									(42.90)
					NR		NR	04/11/88	4860 *
									(40.70)
					NR		NR	05/06/88	5420 *
									(42.80)
					NR		NR	06/09/88	5930 *
									(44.30)
TETRANE	PPB	5	5	01/12/88	66 *	01/12/88	120 *	01/14/88	23 *
				04/20/88	63 *	04/20/88	120 *		NR
TOC	PPB	2000		01/12/88	2310	01/12/88		01/14/88	
				04/20/88		04/20/88			NR
TOXLDL	PPB	10		01/12/88	40.80	01/12/88	75.40	01/14/88	28.30
				04/20/88	59	04/20/88	70		NR
TRITIUM	PCI/L	500	20000	01/12/88	1010	01/12/88		01/14/88	3860
					(230)				(305)
				04/20/88	1080	04/20/88		04/11/88	904
					(234)				(188)
U-234	PCI/L	0.10	32	01/12/88	114 *	01/12/88	609 *	01/14/88	1890 *
					(2.96)		(23.20)		(52.70)
U-235	PCI/L	0.10	32	01/12/88	5.63	01/12/88	46.80 *	01/14/88	116 *
					(0.66)		(6.45)		(13.10)
U-238	PCI/L	0.10	4.80	01/12/88	117 *	01/12/88	595 *	01/14/88	2040 *
					(3.01)		(22.90)		(54.70)

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W19-15	SAMPLE DATE	2-W19-16	SAMPLE DATE	2-W19-18
U-CHEM	UG/L	0.73		01/12/88	336	01/12/88	1540	01/14/88	5760
				04/20/88	219	04/20/88	694	02/10/88	5480
					NR		NR	03/18/88	4690
					NR		NR	04/11/88	4410
					NR		NR	05/06/88	3410
					NR		NR	06/09/88	3470
ZINC	PPB	5			NR		NR	01/14/88	33

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W19-20	SAMPLE DATE	2-W19-21	SAMPLE DATE	2-W19-24
ALKALIN				01/14/88	125000 @	01/22/88	84200 @	01/14/88	128000 @
ALPHA	PCI/L	4	15	01/14/88	362 + (12.70)	01/22/88	16.10 + (1.71)	01/14/88	461 + (13.90)
				02/10/88	363 + (14.30)	05/18/88	15 (1.63)	02/10/88	469 + (15.50)
				03/10/88	378 + (14.60)		NR	03/21/88	449 + (15.50)
				04/11/88	313 + (13.10)		NR	04/11/88	427 + (14.90)
				05/06/88	314 + (13.60)		NR	05/06/88	348 + (13.10)
				06/14/88	340 + (13.20)		NR	06/14/88	299 + (11.70)
ARSENIC	PPB	5	50	01/14/88		01/22/88	18	01/14/88	
BARIUM	PPB	6	1000	01/14/88	205	01/22/88	16	01/14/88	213
BETA	PCI/L	8	50	01/14/88	1100 + (37.90)	01/22/88	8.73 (2.08)	01/14/88	1870 + (50.30)
				02/10/88	1360 + (41.60)	05/18/88	8.42 (2.09)	02/10/88	1960 + (51.30)
				03/10/88	1320 + (41.20)		NR	03/21/88	2300 + (54.50)
				04/11/88	1150 + (38.30)		NR	04/11/88	2320 + (55.70)
				05/06/88	1230 + (40)		NR	05/06/88	2500 + (57.70)
				06/14/88	1480 + (43.40)		NR	06/14/88	2990 + (62.10)
CALCIUM	PPB	50		01/14/88	246000	01/22/88	16800	01/14/88	297000
CHLORID	PPB	500		01/14/88	28700	01/22/88	1110	01/14/88	25500
CO-60	PCI/L	22.50	100	01/14/88		01/22/88		01/14/88	
				04/11/88	7.57 (5.16)	05/18/88		04/11/88	
CONDFLD	µMHO	1		01/14/88	1800	01/22/88	178	01/14/88	2247

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W19-20	SAMPLE DATE	2-W19-21	SAMPLE DATE	2-W19-24
CS-137	PCI/L	20	200	01/14/88		01/22/88		01/14/88	
				04/11/88	5.39	05/18/88		04/11/88	
					(3.79)				
FARSENI	PPB	5	50	01/14/88		01/22/88	14	01/14/88	
FBARIUM	PPB	6	1000	01/14/88	207	01/22/88	16	01/14/88	230
FCALCIU	PPB	50		01/14/88	232000	01/22/88	16600	01/14/88	315000
FIRON	PPB	50		01/14/88	350	01/22/88		01/14/88	
FLUORID	PPB	500	4000	01/14/88	1570	01/22/88		01/14/88	1850
FMAGNES	PPB	50		01/14/88	82200	01/22/88	5390	01/14/88	103000
FMANGAN	PPB	5		01/14/88	17	01/22/88		01/14/88	
FNICKEL	PPB	10		01/14/88	17	01/22/88		01/14/88	
FPOTASS	PPB	100		01/14/88	10400	01/22/88	3070	01/14/88	11900
FSODIUM	PPB	200		01/14/88	40000	01/22/88	15200	01/14/88	55600
FSTRONT	PPB	10		01/14/88	1120	01/22/88	72	01/14/88	1600
FVANADI	PPB	5		01/14/88	6	01/22/88	27	01/14/88	

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W19-20		SAMPLE DATE	2-W19-21		SAMPLE DATE	2-W19-24	
FZINC	PPB	5		01/14/88	24		01/22/88	7		01/14/88	140	
HNITRAT	PPB	2500	45000	01/14/88	941000	*	01/22/88			01/14/88	1220000	*
				02/10/88	827000	*	05/18/88			02/10/88	1100000	*
				03/10/88	1010000	*		NR		03/21/88	1270000	*
				04/11/88	935000	*		NR		04/11/88	1170000	*
				05/06/88	957000	*		NR		05/06/88	1120000	*
				06/14/88	1000000	*		NR		06/14/88	1090000	*
IRON	PPB	50		01/14/88	1330		01/22/88	66		01/14/88	3060	
MAGNES	PPB	0		01/14/88	85700		01/22/88	5550		01/14/88	93800	
MANGESE	PPB	5		01/14/88	21		01/22/88	9		01/14/88		
NICKEL	PPB	10		01/14/88	16		01/22/88			01/14/88		
NITRATE	PPB	500	45000	01/14/88	940000	*	01/22/88			01/14/88	1230000	*
PH-LAB		0.01		01/14/88	7.46		01/22/88	7.85		01/14/88	7.46	
PHFIELD		0.10		01/14/88	8.50		01/22/88	8.10		01/14/88	8.10	
PHOSPHA	PPB	1000		01/14/88	33200		01/22/88			01/14/88	39700	
POTASUM	PPB	100		01/14/88	9810		01/22/88	3040		01/14/88	10700	
RADIUM	PCI/L	1	5	01/14/88			01/22/88			01/14/88	0.33	
											(0.19)	
SODIUM	PPB	200		01/14/88	38400		01/22/88	15100		01/14/88	49700	
SR 90	PCI/L	5	8	01/14/88			01/22/88			01/14/88	1.69	
											(0.96)	
				04/11/88			05/18/88			04/11/88		
SULFATE	PPB	500		01/14/88	52800		01/22/88	10900		01/14/88	57000	
TC	PPB	2000		01/14/88	29800		01/22/88	21400		01/14/88	30300	
TC-99	PCI/L	15	900	01/14/88	10600	*		NR		01/14/88	20600	*
					(25.90)						(36.50)	
				02/10/88	11400	*		NR		02/10/88	21900	*
					(26.80)						(37.30)	
				03/10/88	11900	*		NR		03/21/88	22200	*
					(27.60)						(37.10)	
				04/11/88	11000	*		NR		04/11/88	23600	*
					(26.70)						(38.80)	
				05/06/88	10800	*		NR		05/06/88	26200	*
					(26.10)						(40.70)	

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W19-20	SAMPLE DATE	2-W19-21	SAMPLE DATE	2-W19-24
				06/14/88	12900 *		NR	06/14/88	26600 *
					(29)				(41.70)
TETRANE	PPB	5	5	01/14/88	32 *	01/22/88		01/14/88	24 *
TOXLDL	PPB	10		01/14/88	55.50	01/22/88		01/14/88	26.20
TRITIUM	PCI/L	500	20000	01/14/88	2430	01/22/88		01/14/88	1770
					(270)				(252)
				02/10/88	1520	05/18/88		02/10/88	1880
					(249)				(260)
				03/10/88	1520		NR	03/21/88	1950
					(250)				(265)
				04/11/88	1770		NR	04/11/88	2020
					(211)				(217)
				05/06/88	3130		NR	05/06/88	2550
					(286)				(232)

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W19-20	SAMPLE DATE	2-W19-21	SAMPLE DATE	2-W19-24
TRITIUM	PCI/L	500	20000	06/14/88	1860 (251)		NR	06/14/88	2380 (268)
U-234	PCI/L	0.10	32	01/14/88	165 * (5.49)	01/22/88	7 (0.23)	01/14/88	217 * (5.86)
				04/11/88	136 * (4.63)	05/18/88	7.51 (0.38)	02/10/88	201 * (5.60)
					NR		NR	03/21/88	143 * (4.71)
					NR		NR	04/11/88	199 * (5.46)
					NR		NR	05/06/88	195 * (6.16)
					NR		NR	06/14/88	198 * (5.55)
U-235	PCI/L	0.10	32	01/14/88	13.40 (1.58)	01/22/88	0.28 (0.05)	01/14/88	12.60 (1.41)
				04/11/88	8.10 (1.14)	05/18/88	0.34 (0.08)	02/10/88	8.42 (1.15)
					NR		NR	03/21/88	5.58 (0.95)
					NR		NR	04/11/88	12.70 (1.39)
					NR		NR	05/06/88	11.70 (1.52)
					NR		NR	06/14/88	13.80 (1.48)
U-238	PCI/L	0.10	4.80	01/14/88	183 * (5.78)	01/22/88	7.28 * (0.24)	01/14/88	223 * (5.94)
				04/11/88	141 * (4.71)	05/18/88	7.64 * (0.38)	02/10/88	201 * (5.60)
					NR		NR	03/21/88	146 * (4.76)
					NR		NR	04/11/88	212 * (5.64)

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W19-20	SAMPLE DATE	2-W19-21	SAMPLE DATE	2-W19-24
					NR		NR	05/06/88	206 *
									(6.33)
					NR		NR	06/14/88	209 *
									(5.70)
U-CHEM	UG/L	0.73		01/14/88	494	01/22/88	21.40	01/14/88	592
				02/10/88	491	05/18/88	14.60	02/10/88	613
				03/10/88	429		NR	03/21/88	488
				04/11/88	449		NR	04/11/88	575
				05/06/88	389		NR	05/06/88	452
				06/14/88	542		NR	06/14/88	537
VANADUM	PPB	5		01/14/88		01/22/88	27	01/14/88	
ZINC	PPB	5		01/14/88	43	01/22/88	11	01/14/88	213

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W22-1	SAMPLE DATE	2-W22-20	SAMPLE DATE	2-W22-22
ALKALIN				03/04/88	96100 @	03/02/88	135000 @	01/15/88	96600 @
ALPHA	PCI/L	4	15	02/29/88	4.62		NR	01/15/88	0.68
					(0.94)				(0.40)
				05/17/88	5.78		NR	05/17/88	1.01
					(1.05)				(0.50)
ALUMNUM	PPB	150		03/04/88		03/02/88	2800	01/15/88	
ARSENIC	PPB	5	50	03/04/88		03/02/88	7	01/15/88	
BARIUM	PPB	6	1000	03/04/88	20	03/02/88	103	01/15/88	13
BETA	PCI/L	8	50	02/29/88	30.80	02/22/88	30.50	01/15/88	3.41
					(3.67)		(4.25)		(1.55)
				05/17/88	30.10		NR	05/17/88	5.84
					(3.65)				(1.88)
CALCIUM	PPB	50		03/04/88	16100	03/02/88	88200	01/15/88	27900
CHLORID	PPB	500		03/04/88	3390	03/02/88	33200	01/15/88	16500
CHROMUM	PPB	10	50	03/04/88		03/02/88	316 *	01/15/88	
CONDFLD	µMHO	1		03/04/88	179	03/02/88	820	01/15/88	275
FBARIUM	PPB	6	1000	03/04/88	21	03/02/88	55	01/15/88	15
FCALCIU	PPB	50		03/04/88	16500	03/02/88	89200	01/15/88	28600
FCHROMI	PPB	10	50	03/04/88		03/02/88	327 *	01/15/88	
FIRON	PPB	50		03/04/88		03/02/88		01/15/88	65
FLUORID	PPB	500	4000	03/04/88		03/02/88		01/15/88	504
FMAGNES	PPB	50		03/04/88	5320	03/02/88	24500	01/15/88	9760
FMANGAN	PPB	5		03/04/88		03/02/88		01/15/88	37
FPOTASS	PPB	100		03/04/88	3050	03/02/88	8130	01/15/88	3380
FSELENI	PPB	5	10	03/04/88		03/02/88	8	01/15/88	
FSODIUM	PPB	200		03/04/88	22800	03/02/88	53500	01/15/88	12200
FSTRONT	PPB	10		03/04/88	77	03/02/88	399	01/15/88	119
FVANADI	PPB	5		03/04/88	34	03/02/88	8	01/15/88	11
FZINC	PPB	5		03/04/88		03/02/88		01/15/88	14
HNITRAT	PPB	2500	45000	02/29/88	3850	02/22/88	122000 *	01/15/88	
				05/17/88	5470		NR	05/17/88	8740
IRON	PPB	50		03/04/88		03/02/88	5340	01/15/88	728
LEADGF	PPB	5	50	03/04/88		03/02/88	5	01/15/88	
MAGNES	PPB	0		03/04/88	5070	03/02/88	25500	01/15/88	9670

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W22-1	SAMPLE DATE	2-W22-20	SAMPLE DATE	2-W22-22
MANGESE	PPB	5		03/04/88		03/02/88	260	01/15/88	56
NICKEL	PPB	10		03/04/88		03/02/88	12	01/15/88	
NITRATE	PPB	500	45000	03/04/88	3830	03/02/88	124000 *	01/15/88	2810
PH-LAB		0.01		03/04/88	7.95	03/02/88	7.48	01/15/88	7.95
PHFIELD		0.10		03/04/88	8.30	03/02/88	6.80	01/15/88	8.20
POTASUM	PPB	100		03/04/88	2870	03/02/88	8150	01/15/88	3600
RADIUM	PCI/L	1	5	03/04/88		03/02/88	1.53	01/15/88	
							(0.39)		
SELENUM	PPB	5	10	03/04/88		03/02/88	14 *	01/15/88	
SODIUM	PPB	200		03/04/88	20900	03/02/88	54600	01/15/88	13100
SR 90	PCI/L	5	8	02/29/88	7.44	02/22/88		01/15/88	
					(1.57)				
				05/17/88	7.96		NR	05/17/88	
					(1.66)				

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W22-1	SAMPLE DATE	2-W22-20	SAMPLE DATE	2-W22-22
STRONUM	PPB	10		03/04/88	74	03/02/88	402		NR
SULFATE	PPB	500		03/04/88	15200	03/02/88	147000	01/15/88	17900
TC	PPB	2000		03/04/88	23700	03/02/88	35200	01/15/88	21900
TETRANE	PPB	5	5	03/04/88		03/02/88	13 *	01/15/88	
TOXLDL	PPB	10		03/04/88		03/02/88	46.80	01/15/88	
TRICENE	PPB	10	5	03/04/88		03/02/88	25 *	01/15/88	
TRITIUM	PCI/L	500	20000	02/29/88	792	02/22/88	200000 *	01/15/88	1810
					(224)		(1710)		(247)
				05/17/88	1080		NR	05/17/88	1440
					(187)				(198)
U	PCI/L	0.50	600	02/29/88	3.42	02/22/88	6.90		NR
U-CHEM	UG/L	0.73			NR		NR	01/15/88	0.75
					NR		NR	05/17/88	0.94
VANADUM	PPB	5		03/04/88	28	03/02/88	21	01/15/88	6
ZINC	PPB	5		03/04/88		03/02/88	11	01/15/88	5

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W23-10	SAMPLE DATE	2-W27-1	SAMPLE DATE	4-S1-7C
ALKALIN				01/08/88	116000 a	01/15/88	146000 a	02/17/88	266000 a
				05/13/88	119000 a		NR	05/02/88	262000 a
ALPHA	PCI/L	4	15	01/08/88	39.50 + (5.42)	01/15/88	10.50 (1.35)	02/17/88	5.43 (1.43)
				01/19/88	37 + (2.55)	05/16/88	13 (1.55)	02/17/88	7.15 (1.14)
				05/13/88	27.20 + (4.25)		NR	02/17/88	4.37 (2.36)
				05/13/88	27.30 + (4.21)		NR	05/02/88	6.34 (1.08)
				05/13/88	17.10 + (3.25)		NR	05/02/88	6.78 (2.35)
				05/13/88	32.40 + (2.38)		NR		NR
AMMONIU	PPB	50		01/08/88		01/15/88		02/17/88	
				05/13/88	54		NR	05/02/88	
BARIUM	PPB	6	1000		NR	01/15/88	37		NR
BETA	PCI/L	8	50	01/08/88	13.90 (4.55)	01/15/88	8.98 (2.34)	02/17/88	32 (4.33)
				01/19/88	11.70 (2.54)	05/16/88	7.65 (2.21)	02/17/88	28.30 (5.95)
				05/13/88	20.50 (5.22)		NR	05/02/88	24.30 (3.76)
				05/13/88	17.40 (5.07)		NR	05/02/88	29.50 (6.63)
				05/13/88	16.30 (4.85)		NR		NR
				05/13/88	13.80 (2.86)		NR		NR
CALCIUM	PPB	50			NR	01/15/88	52600		NR
CHLORID	PPB	500		01/08/88	4100	01/15/88	8130	02/17/88	12800
				05/13/88	4300		NR	05/02/88	15000
CHROMUM	PPB	10	50		NR	01/15/88	21		NR

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W23-10	SAMPLE DATE	2-W27-1	SAMPLE DATE	4-S1-7C
CONDFLD	µMHO	1		01/08/88		01/15/88	479	02/17/88	486
				05/13/88	408		NR	05/02/88	763
FBARIUM	PPB	6	1000	01/08/88	57	01/15/88	34	02/17/88	70
				05/13/88	54		NR	05/02/88	68
FCADMIU	PPB	2	10	01/08/88		01/15/88	2	02/17/88	
				05/13/88			NR	05/02/88	
FCALCIU	PPB	50		01/08/88	52200	01/15/88	52300	02/17/88	103000
				05/13/88	46000		NR	05/02/88	105000
FCHROMI	PPB	10	50	01/08/88		01/15/88	24	02/17/88	
				05/13/88			NR	05/02/88	
FIRON	PPB	50		01/08/88		01/15/88		02/17/88	92
				05/13/88			NR	05/02/88	151
FLUORID	PPB	500	4000	01/08/88		01/15/88		02/17/88	
				05/13/88			NR	05/02/88	537
FMAGNES	PPB	50		01/08/88	17700	01/15/88	13200	02/17/88	24800

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W23-10		SAMPLE DATE	2-W27-1		SAMPLE DATE	4-S1-7C
FMAGNES	PPB	50		05/13/88	15800			NR		05/02/88	25900
FMANGAN	PPB	5		01/08/88			01/15/88			02/17/88	
				05/13/88				NR		05/02/88	12
FPOTASS	PPB	100		01/08/88	4900		01/15/88	5820		02/17/88	8800
				05/13/88	4230			NR		05/02/88	9030
FSELENI	PPB	5	10	01/08/88			01/15/88	24	*	02/17/88	
				05/13/88				NR		05/02/88	
FSODIUM	PPB	200		01/08/88	22900		01/15/88	33800		02/17/88	27200
				05/13/88	19600			NR		05/02/88	28000
FSTRONT	PPB	10		01/08/88	217		01/15/88	252		02/17/88	442
				05/13/88	190			NR		05/02/88	435
FVANADI	PPB	5		01/08/88	21		01/15/88	18		02/17/88	6
				05/13/88	23			NR		05/02/88	
FZINC	PPB	5		01/08/88			01/15/88			02/17/88	27
				05/13/88				NR		05/02/88	48
HNITRAT	PPB	2500	45000	01/19/88	103000	*	01/15/88	61100	*	02/17/88	24900
				05/13/88	116000	*	05/16/88	49300	*	05/02/88	25800
IRON	PPB	50			NR		01/15/88	106			NR
LFLUORD	PPB	50	4000	01/08/88	240			NR		02/17/88	191
				05/13/88	253			NR		05/02/88	179
MAGNES	PPB	0			NR		01/15/88	13400			NR
NITRATE	PPB	500	45000	01/08/88	147000	*	01/15/88	60000	*	02/17/88	27900
				05/13/88	121000	*		NR		05/02/88	27400
NNIDIME	PPB	10		01/08/88	27		01/15/88				NR
PH-LAB		0.01		01/08/88	7.66		01/15/88	7.89		02/17/88	7.17
				05/13/88	8.10			NR		05/02/88	7.70
PHFIELD		0.10		01/08/88	8.20		01/15/88	8.30		02/17/88	7.30
				05/13/88	7.80			NR		05/02/88	7.30
POTASUM	PPB	100			NR		01/15/88	6460			NR
SELENUM	PPB	5	10		NR		01/15/88	21	*		NR
SODIUM	PPB	200			NR		01/15/88	38000			NR
SR 90	PCI/L	5	8	01/19/88			01/15/88	0.88			NR
								(0.81)			
				05/13/88			05/16/88				NR

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W23-10	SAMPLE DATE	2-W27-1	SAMPLE DATE	4-S1-7C
SULFATE	PPB	500		01/08/88	13100	01/15/88	53100	02/17/88	72300
				05/13/88	13500		NR	05/02/88	68000
TC	PPB	2000		01/08/88	26300	01/15/88	32900	02/17/88	70300
				05/13/88	27600		NR	05/02/88	70700
TRITIUM	PCI/L	500	20000	01/19/88	579000 *	01/15/88	2290	02/17/88	76100 *
					(2440)		(265)		(1050)
				05/13/88	687000 *	05/16/88	5760	02/17/88	75000 *
					(2710)		(297)		(1040)
					NR		NR	05/02/88	75300 *
									(895)
U-234	PCI/L	0.10	32	01/19/88	18.80	01/15/88	5.02		NR
					(0.41)		(0.20)		
				05/13/88	22.30	05/16/88	5.09		NR
					(1.41)		(0.21)		
U-235	PCI/L	0.10	32	01/19/88	0.81	01/15/88	0.16		NR
					(0.09)		(0.04)		

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W23-10	SAMPLE DATE	2-W27-1	SAMPLE DATE	4-S1-7C
U-235	PCI/L	0.10	32	05/13/88	0.95	05/16/88	0.19		NR
					(0.30)		(0.04)		
U-238	PCI/L	0.10	4.80	01/19/88	18.80 *	01/15/88	4.47		NR
					(0.41)		(0.19)		
				05/13/88	22.80 *	05/16/88	4.63		NR
					(1.42)		(0.20)		
U-CHEM	UG/L	0.73		01/19/88	61.60	01/15/88	11.20		NR
				05/13/88	53.30	05/16/88	14		NR
VANADUM	PPB	5			NR	01/15/88	16		NR

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	4-S1-8A	SAMPLE DATE	4-S1-8B	SAMPLE DATE	6-S3-E12
ALKALIN				02/17/88	131000 a	02/17/88	244000 a	02/18/88	111000 a
				05/02/88	123000 a	06/29/88	246000 a	06/02/88	115000 a
ALPHA	PCI/L	4	15	02/17/88	4.24	02/17/88	2.97	02/18/88	1.85
					(0.90)		(0.76)		(0.60)
				02/17/88	2.86	02/17/88	3.39	02/18/88	1.47
					(1.60)		(1.97)		(1.24)
				05/02/88	4.42	06/29/88	6.87	06/02/88	1.97
					(0.90)		(1.14)		(0.62)
				05/02/88	3.37	06/29/88	2.73	06/02/88	2.89
					(1.82)		(1.56)		(1.41)
AMMONIU	PPB	50		02/17/88		02/17/88		02/18/88	
				05/02/88		06/29/88		06/02/88	50
BETA	PCI/L	8	50	02/17/88	25.70	02/17/88	29.70	02/18/88	7.87
					(3.61)		(3.99)		(2.09)
				02/17/88	26.10	02/17/88	27.70	02/18/88	6.50
					(5.51)		(5.79)		(3.88)
				05/02/88	31.30	06/29/88	24.60	06/02/88	5.03
					(4)		(3.68)		(1.86)
				05/02/88	29	06/29/88	29.20	06/02/88	
					(5.85)		(5.94)		
CHLORID	PPB	500		02/17/88	15300	02/17/88	10900	02/18/88	7900
				05/02/88	16400	06/29/88	11800	06/02/88	8700
CONDFLD	µMHO	1		02/17/88	358	02/17/88	484	02/18/88	288
				05/02/88	503	06/29/88	670	06/02/88	292
FARSENI	PPB	5	50	02/17/88		02/17/88		02/18/88	5
				05/02/88	5	06/29/88		06/02/88	5
FBARIUM	PPB	6	1000	02/17/88	48	02/17/88	78	02/18/88	38
				05/02/88	46	06/29/88	71	06/02/88	40
FCALCIU	PPB	50		02/17/88	64500	02/17/88	80300	02/18/88	33700
				05/02/88	54900	06/29/88	89100	06/02/88	38500
FCHROMI	PPB	10	50	02/17/88	11	02/17/88		02/18/88	
				05/02/88		06/29/88		06/02/88	
FIRON	PPB	50		02/17/88		02/17/88	51	02/18/88	
				05/02/88		06/29/88		06/02/88	

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	4-S1-8A	SAMPLE DATE	4-S1-8B	SAMPLE DATE	6-S3-E12
FLUORID	PPB	500	4000	02/17/88		02/17/88		02/18/88	
				05/02/88	523	06/29/88		06/02/88	
FMAGNES	PPB	50		02/17/88	15200	02/17/88	21500	02/18/88	9680
				05/02/88	14200	06/29/88	23300	06/02/88	11100
FMANGAN	PPB	5		02/17/88		02/17/88		02/18/88	
				05/02/88		06/29/88		06/02/88	5
FPOTASS	PPB	100		02/17/88	7050	02/17/88	7890	02/18/88	4200
				05/02/88	6550	06/29/88	8380	06/02/88	4890
FSODIUM	PPB	200		02/17/88	26200	02/17/88	25300	02/18/88	13000
				05/02/88	25100	06/29/88	26000	06/02/88	15100
FSTRONT	PPB	10		02/17/88	283	02/17/88	190	02/18/88	201
				05/02/88	257	06/29/88	403	06/02/88	221
FVANADI	PPB	5		02/17/88	13	02/17/88	8	02/18/88	20
				05/02/88	10	06/29/88		06/02/88	18

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	4-S1-8A	SAMPLE DATE	4-S1-8B	SAMPLE DATE	6-S3-E12
FZINC	PPB	5		02/17/88	19	02/17/88	7	02/18/88	
				05/02/88	15	06/29/88	46	06/02/88	
HNITRAT	PPB	2500	45000	02/17/88	25600	02/17/88	25400	02/18/88	21400
				05/02/88	27100	06/29/88	26700	06/02/88	23300
LFLUORD	PPB	50	4000	02/17/88	333	02/17/88	198	02/18/88	326
				05/02/88	314	06/29/88	227	06/02/88	349
METHYCH	PPB	5		02/17/88		02/17/88		02/18/88	
				05/02/88		06/29/88		06/02/88	10
NITRATE	PPB	500	45000	02/17/88	28800	02/17/88	28000	02/18/88	25600
				05/02/88	28500	06/29/88	27500	06/02/88	23400
PH-LAB		0.01		02/17/88	7.70	02/17/88	7.23	02/18/88	7.81
				05/02/88	8.10	06/29/88	7.90	06/02/88	7.90
PHFIELD		0.10		02/17/88	8	02/17/88	7.40	02/18/88	8
				05/02/88	8	06/29/88	6.90	06/02/88	8
SULFATE	PPB	500		02/17/88	68600	02/17/88	67100	02/18/88	24700
				05/02/88	65600	06/29/88	63800	06/02/88	23000
TC	PPB	2000		02/17/88	31700	02/17/88	62300	02/18/88	26500
				05/02/88	31300	06/29/88	66800	06/02/88	26700
TRITIUM	PCI/L	500	20000	02/17/88	82900 *	02/17/88	83700 *	02/18/88	5810
					(1100)		(1110)		(344)
				05/02/88	82700 *	06/29/88	82400 *	06/02/88	6140
					(1090)		(935)		(356)

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-10-E12	SAMPLE DATE	6-12-4B	SAMPLE DATE	6-14-38
ALKALIN				02/10/88	257000 @	02/18/88	118000 @	01/05/88	137000 @
				04/28/88	253000 @	06/16/88	124000 @	04/28/88	137000 @
ALPHA	PCI/L	4	15	02/10/88	4.85	02/18/88	3.23	01/05/88	1.78
					(0.94)		(1.67)		(0.60)
				02/10/88	3.56	06/16/88	4.06	01/05/88	1.54
					(1.82)		(1.73)		(1.09)
				04/28/88	5.07		NR	04/28/88	2.37
					(0.95)				(0.69)
				04/28/88	3.70		NR	04/28/88	0.99
					(1.90)				(0.98)
BETA	PCI/L	8	50	02/10/88	10.60	02/18/88	8.02	01/05/88	5.16
					(2.58)		(3.85)		(1.86)
				02/10/88	12.80	06/16/88	10.70	01/05/88	6.41
					(4.54)		(4.23)		(3.74)
				04/28/88	10.90		NR	04/28/88	5.96
					(2.65)				(1.97)
				04/28/88	12		NR	04/28/88	
					(4.74)				
CHLORID	PPB	500		02/10/88	6950	02/18/88	9880	01/05/88	4600
				04/28/88	10900	06/16/88	11600	04/28/88	4490
CONDFLD	µMHO	1		02/10/88	563	02/18/88	360	01/05/88	
				04/28/88	640		NR	04/28/88	336
FARSENI	PPB	5	50	02/10/88		02/18/88		01/05/88	
				04/28/88		06/16/88	5	04/28/88	
FBARIUM	PPB	6	1000	02/10/88	67	02/18/88	52	01/05/88	36
				04/28/88	67	06/16/88	50	04/28/88	47
FCALCIU	PPB	50		02/10/88	74200	02/18/88	42800	01/05/88	39000
				04/28/88	73400	06/16/88	48500	04/28/88	33400
FLUORID	PPB	500	4000	02/10/88		02/18/88		01/05/83	515
				04/28/88		06/16/88		04/28/88	
FMAGNES	PPB	50		02/10/88	24900	02/18/88	11600	01/05/88	11800
				04/28/88	23400	06/16/88	13200	04/28/88	10400
FPOTASS	PPB	100		02/10/88	6450	02/18/88	5540	01/05/88	5790
				04/28/88	6330	06/16/88	6590	04/28/88	5040

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-10-E12	SAMPLE DATE	6-12-4B	SAMPLE DATE	6-14-38
FSODIUM	PPB	200		02/10/88	18400	02/18/88	16000	01/05/88	17100
				04/28/88	18300	06/16/88	18300	04/28/88	15000
FSTRONT	PPB	10		02/10/88	520	02/18/88	230	01/05/88	192
				04/28/88	500	06/16/88	255	04/28/88	171
FVANADI	PPB	5		02/10/88	15	02/18/88	9	01/05/88	
				04/28/88	10	06/16/88	10	04/28/88	
FZINC	PPB	5		02/10/88		02/18/88		01/05/88	
				04/28/88		06/16/88	6	04/28/88	
HNITRAT	PPB	2500	45000	02/10/88	19100		NR	01/05/88	3530
				04/28/88	21300		NR	04/28/88	3660
LFLUORD	PPB	50	4000	02/10/88	201	02/18/88	283	01/05/88	415
				04/28/88	201	06/16/88	306	04/28/88	349
NITRATE	PPB	500	45000	02/10/88	22200	02/18/88	27400	01/05/88	3590
				04/28/88	21300	06/16/88	26700	04/28/88	3290

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-10-E12	SAMPLE DATE	6-12-4B	SAMPLE DATE	6-14-38
PH-LAB		0.01		02/10/88	7.43	02/18/88	7.56	01/05/88	7.74
				04/28/88	7.60	06/16/88	7.90	04/28/88	8
PHFIELD		0.10		02/10/88	7.80	02/18/88	7.80	01/05/88	
				04/28/88	7.40		NR	04/28/88	7.40
SULFATE	PPB	500		02/10/88	29200	02/18/88	44300	01/05/88	23500
				04/28/88	27900	06/16/88	44600	04/28/88	21800
TC	PPB	2000		02/10/88	59900	02/18/88	28700	01/05/88	30800
				04/28/88	63900	06/16/88	28100	04/28/88	32300
TRITIUM	PCI/L	500	20000	02/10/88	17000		NR	01/05/88	
					(527)				
				04/28/88	17500		NR	04/28/88	
					(533)				

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-19-43	SAMPLE DATE	6-20-39	SAMPLE DATE	6-24-33
1,1,1-T	PPB	10	200	02/03/88		01/06/88		02/03/88	23
				05/22/88		05/22/88		04/28/88	19
ALKALIN				02/03/88	113000 a	01/06/88	127000 a	02/03/88	196000 a
				05/22/88	116000 a	05/22/88	130000 a	04/28/88	195000 a
ALPHA	PCI/L	4	15	02/03/88	2.68	01/06/88	2.10	02/03/88	3.51
					(1.41)		(0.63)		(0.79)
				05/22/88	4.58	01/06/88		02/03/88	3.78
					(1.90)				(2)
					NR	05/22/88		04/28/88	3
									(0.76)
					NR		NR	04/28/88	2.54
									(1.46)
BETA	PCI/L	8	50	02/03/88	6.84	01/06/88	4.38	02/03/88	21.70
					(3.72)		(1.69)		(3.39)
				05/22/88	7.48	01/06/88	8.04	02/03/88	25.70
					(3.85)		(3.83)		(5.60)
					NR	05/22/88	8.61	04/28/88	25.30
							(3.83)		(3.74)
					NR		NR	04/28/88	29.80
									(5.92)
CHLORID	PPB	500		02/03/88	6590	01/06/88	5050	02/03/88	8610
				05/22/88	6550	05/22/88	4900	04/28/88	8590
CONDFLD	µMHO	1		02/03/88	310	01/06/88	263	02/03/88	420
				05/22/88	380	05/22/88	327	04/28/88	561
FBARIUM	PPB	6	1000	02/03/88	54	01/06/88	16	02/03/88	65
				05/22/88	50	05/22/88	29	04/28/88	60
FCALCIU	PPB	50		02/03/88	44300	01/06/88	39700	02/03/88	69200
				05/22/88	44200	05/22/88	35400	04/28/88	69100
FLUORID	PPB	500	4000	02/03/88		01/06/88	564	02/03/88	760
				05/22/88	640	05/22/88	520	04/28/88	641
FMAGNES	PPB	50		02/03/88	10300	01/06/88	11000	02/03/88	16300
				05/22/88	10600	05/22/88	10600	04/28/88	16000
FMANGAN	PPB	5		02/03/88		01/06/88		02/03/88	
				05/22/88		05/22/88	8	04/28/88	

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-19-43	SAMPLE DATE	6-20-39	SAMPLE DATE	6-24-33
FPOTASS	PPB	100		02/03/88	5240	01/06/88	5160	02/03/88	7330
				05/22/88	5730	05/22/88	4920	04/28/88	7400
FSODIUM	PPB	200		02/03/88	17400	01/06/88	16300	02/03/88	23400
				05/22/88	18400	05/22/88	14900	04/28/88	23700
FSTRONT	PPB	10		02/03/88	203	01/06/88	194	02/03/88	278
				05/22/88	206	05/22/88	186	04/28/88	274
FVANADI	PPB	5		02/03/88	9	01/06/88		02/03/88	17
				05/22/88	8	05/22/88	7	04/28/88	15
FZINC	PPB	5		02/03/88	183	01/06/88		02/03/88	
				05/22/88	231	05/22/88		04/28/88	
HNITRAT	PPB	2500	45000	02/03/88	9140	01/06/88	5540	02/03/88	24100
					NR		NR	04/28/88	27800
I-129DW	PCI/L	1			NR		NR	04/28/88	2.71
									(0.43)

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-19-43	SAMPLE DATE	6-20-39	SAMPLE DATE	6-24-33
LFLUORD	PPB	50	4000	02/03/88	390	01/06/88	400	02/03/88	428
				05/22/88	427	05/22/88	418	04/28/88	425
NITRATE	PPB	500	45000	02/03/88	10600	01/06/88	5590	02/03/88	28200
				05/22/88	10600	05/22/88	4820	04/28/88	29200
PH-LAB		0.01		02/03/88	7.87	01/06/88	7.80	02/03/88	7.52
				05/22/88	8	05/22/88	8	04/28/88	7.60
PHFIELD		0.10		02/03/88	7.60	01/06/88	7.80	02/03/88	6.90
				05/22/88	8	05/22/88	8.10	04/28/88	6.80
SULFATE	PPB	500		02/03/88	59000	01/06/88	27500	02/03/88	48300
				05/22/88	51500	05/22/88	27000	04/28/88	41900
TC	PPB	2000		02/03/88	27100	01/06/38	28400	02/03/88	49800
				05/22/88	25800	05/22/88	28800	04/28/88	50300
TOXLDL	PPB	10		02/03/88		01/06/88		02/03/88	25
				05/22/88		05/22/88		04/28/88	21
TRITIUM	PCI/L	500	20000	02/03/88		01/06/88		02/03/88	127000 *
									(1380)
					NR		NR	04/28/88	149000 *
									(1450)

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-24-46	SAMPLE DATE	6-29-78	SAMPLE DATE	6-32-70B
ALKALIN				01/04/88	139000 @	01/06/88	98900 @	02/11/88	127000 @
				05/22/88	140000 @	04/28/88	98800 @	04/28/88	119000 @
ALPHA	PCI/L	4	15	01/04/88	1.43	01/06/88	1.22	02/11/88	2.17
					(0.53)		(0.51)		(1.35)
				01/04/88	2.64	01/06/88	1.60	04/28/88	
					(1.39)		(1.14)		
				05/22/88	1.24	04/28/88	1.37		NR
					(1.13)		(0.50)		
					NR	04/28/88			NR
BETA	PCI/L	8	50	01/04/88	5.72	01/06/88	2.28	02/11/88	37.10
					(1.91)		(1.44)		(4.24)
				01/04/88		01/06/88		02/11/88	32.90
									(5.87)
				05/22/88	7.49	04/28/88	2.45	04/28/88	39.40
					(3.86)		(1.44)		(4.35)
					NR	04/28/88		04/28/88	29.30
									(5.70)
CHLORID	PPB	500		01/04/88	4760	01/06/88	5790	02/11/88	11700
				05/22/88	4850	04/28/88	5790	04/28/88	12700
CONDFLD	µMHO	1		01/04/88	262	01/06/88		02/11/88	286
				05/22/88	342	04/28/88	275	04/28/88	348
FBARIUM	PPB	6	1000	01/04/88	70	01/06/88	26	02/11/88	36
				05/22/88	70	04/28/88	24	04/28/88	39
FCALCIU	PPB	50		01/04/88	37500	01/06/88	27700	02/11/88	35500
				05/22/88	32700	04/28/88	25300	04/28/88	37200
FCHROMI	PPB	10	50	01/04/88		01/06/88		02/11/88	23
				05/22/88		04/28/88		04/28/88	20
FLUORID	PPB	500	4000	01/04/88	544	01/06/88	580	02/11/88	
				05/22/88	524	04/28/88	625	04/28/68	509
FMAGNES	PPB	50		01/04/88	12500	01/06/88	9070	02/11/88	11500
				05/22/88	11500	04/28/88	8630	04/28/88	12000
FPOTASS	PPB	100		01/04/88	5080	01/06/88	3530	02/11/88	4190
				05/22/88	5290	04/28/88	3260	04/28/88	4410

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-24-46	SAMPLE DATE	6-29-78	SAMPLE DATE	6-32-70B
FSODIUM	PPB	200		01/04/88	14900	01/06/88	15700	02/11/88	18400
				05/22/88	14800	04/28/88	14800	04/28/88	19500
FSTRONT	PPB	10		01/04/88	166	01/06/88	122	02/11/88	156
				05/22/88	152	04/28/88	115	04/28/88	159
FVANADI	PPB	5		01/04/88	8	01/06/88	34	02/11/88	28
				05/22/88	6	04/28/88	30	04/28/88	30
FZINC	PPB	5		01/04/88		01/06/88		02/11/88	6
				05/22/88		04/28/88		04/28/88	11
HNITRAT	PPB	2500	45000	01/04/88	8900	01/06/88	7760	02/11/88	13200
					NR	04/28/88	7300	04/28/88	17400
I-129DW	PCI/L	1			NR	04/28/88		04/28/88	3.25
									(0.56)
LFLUORD	PPB	50	4000	01/04/88	465	01/06/88	470	02/11/88	403
				05/22/88	459	04/28/88	463	04/28/88	393
NITRATE	PPB	500	45000	01/04/88	9540	01/06/88	8660	02/11/88	18800

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-24-46	SAMPLE DATE	6-29-78	SAMPLE DATE	6-32-70B
NITRATE	PPB	500	45000	05/22/88	8310	04/28/88	7410	04/28/88	18100
PH-LAB		0.01		01/04/88	7.85	01/06/88	7.73	02/11/88	7.86
				05/22/88	7.90	04/28/88	8	04/28/88	7.90
PHFIELD		0.10		01/04/88	6.10	01/06/88	8.10	02/11/88	6.90
				05/22/88	8	04/28/88	7.80	04/28/88	7
SULFATE	PPB	500		01/04/88	28400	01/06/88	21900	02/11/88	23900
				05/22/88	26700	04/28/88	20400	04/28/88	22300
TC	PPB	2000		01/04/88	30900	01/06/88	22700	02/11/88	30700
				05/22/88	31300	04/28/88	24700	04/28/88	30600
TC-99	PCI/L	15	900		NR		NR	02/11/88	199
									{ 2.72}
TRITIUM	PCI/L	500	20000	01/04/88		01/06/88		02/11/88	269000 *
									{ 1980 }
					NR	04/28/88		04/28/88	261000 *
									{ 1930 }
U	PCI/L	0.50	600		NR		NR	02/11/88	1.74
					NR		NR	04/28/88	1.08

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-32-72	SAMPLE DATE	6-32-77	SAMPLE DATE	6-35-66
ALKALIN				01/04/88	116000 a	01/04/88	109000 a	02/09/88	153000 a
				05/11/88	117000 a	05/11/88	108000 a	05/11/88	157000 a
ALPHA	PCI/L	4	15	01/04/88	0.99	01/04/88	0.88	02/09/88	1.42
					(0.96)		(0.43)		(1.22)
				01/04/88		01/04/88	2.13	05/11/88	1.39
							(1.33)		(1.08)
				05/11/88		05/11/88	1.67		NR
							(0.58)		
				05/11/88		05/11/88	2.04		NR
							(1.22)		
AMMONIU	PPB	50		01/04/88		01/04/88		02/09/88	
				05/11/88		05/11/88		05/11/88	50
BETA	PCI/L	8	50	01/04/88	7.94	01/04/88	3.06	02/09/88	9.63
					(4.23)		(1.48)		(2.42)
				01/04/88	13.40	01/04/88	4.59	02/09/88	10.80
					(2.58)		(3.54)		(4.30)
				05/11/88	18.70	05/11/88	4.02	05/11/88	11.80
					(5)		(1.68)		(2.56)
				05/11/88	14.60	05/11/88	5.11	05/11/88	12.20
					(2.72)		(3.73)		(4.61)
CHLORID	PPB	500		01/04/88	16900	01/04/88	8130	02/09/88	17400
				05/11/88	15800	05/11/88	7220	05/11/88	17500
CO-60	PCI/L	22.50	100	01/04/88		01/04/88	5.69		NR
							(5.09)		
				05/11/88		05/11/88			NR
CONDFLD	µMHO	1		01/04/88	259	01/04/88	259	02/09/88	432
				05/11/88	296	05/11/88	260	05/11/88	406
FBARIUM	PPB	6	1000	01/04/88	28	01/04/88	7	02/09/88	44
				05/11/88	37	05/11/88	24	05/11/88	47
FCALCIU	PPB	50		01/04/88	37400	01/04/88	26200	02/09/88	48500
				05/11/88	36900	05/11/88	27400	05/11/88	51900
FCHROMI	PPB	10	50	01/04/88		01/04/88		02/09/88	24
				05/11/88		05/11/88		05/11/88	26

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-32-72	SAMPLE DATE	6-32-77	SAMPLE DATE	6-35-66
FLUORID	PPB	500	4000	01/04/88	560	01/04/88	676	02/09/88	521
				05/11/88	548	05/11/88	620	05/11/88	
FMAGNES	PPB	50		01/04/88	12800	01/04/88	8060	02/09/88	14200
				05/11/88	12500	05/11/88	7890	05/11/88	14200
FMANGAN	PPB	5		01/04/88	14	01/04/88		02/09/88	
				05/11/88	10	05/11/88		05/11/88	
FPOTASS	PPB	100		01/04/88	3660	01/04/88	3420	02/09/88	5680
				05/11/88	3990	05/11/88	3070	05/11/88	5250
FSODIUM	PPB	200		01/04/88	14300	01/04/88	19800	02/09/88	21800
				05/11/88	15300	05/11/88	17700	05/11/88	20200
FSTRONT	PPB	10		01/04/88	143	01/04/88	107	02/09/88	211
				05/11/88	141	05/11/88	112	05/11/88	207
FVANADI	PPB	5		01/04/88	25	01/04/88		02/09/88	31
				05/11/88	26	05/11/88	39	05/11/88	30
FZINC	PPB	5		01/04/88		01/04/88		02/09/88	8

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-32-72	SAMPLE DATE	6-32-77	SAMPLE DATE	6-35-66
FZINC	PPB	5		05/11/88		05/11/88	12	05/11/88	12
HNITRAT	PPB	2500	45000	01/04/88	6310	01/04/88	5710	02/09/88	20700
				05/11/88	10600	05/11/88	5480	05/11/88	23700
I-129DW	PCI/L	1		05/11/88		05/11/88		05/11/88	6.56
									(0.84)
LFLUORD	PPB	50	4000	01/04/88	390	01/04/88	630	02/09/88	338
				05/11/88	356	05/11/88	487	05/11/88	309
NITRATE	PPB	500	45000	01/04/88	9170	01/04/88	5770	02/09/88	23800
				05/11/88	8950	05/11/88	5530	05/11/88	23500
PH-LAB		0.01		01/04/88	7.87	01/04/88	7.86	02/09/88	7.56
				05/11/88	8	05/11/88	8	05/11/88	7.90
PHFIELD		0.10		01/04/88	6.20	01/04/88	6.30	02/09/88	7.90
				05/11/88	7.80	05/11/88	7.70	05/11/88	7.60
SULFATE	PPB	500		01/04/88	20300	01/04/88	19700	02/09/88	25700
				05/11/88	18300	05/11/88	18600	05/11/88	26300
TC	PPB	2000		01/04/88	26200	01/04/88	24200	02/09/88	37300
				05/11/88	26500	05/11/88	25100	05/11/88	36600
TC-99	PCI/L	15	900	01/04/88	47.70		NR	02/09/88	37.40
					(1.94)				(1.62)
TRITIUM	PCI/L	500	20000	01/04/88	136000 *	01/04/88		02/09/88	1160000 *
					(1380)				(4010)
				05/11/88	140000 *	05/11/88		05/11/88	1210000 *
					(1230)				(3630)
U	PCI/L	0.50	600	01/04/88			NR	02/09/88	1.96
				05/11/88			NR	05/11/88	1.84

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-36-61A	SAMPLE DATE	6-37-E4	SAMPLE DATE	6-37-43
ALKALIN				02/03/88	148000 @	02/10/88	118000 @	01/05/88	107000 @
				05/12/88	149000 @	05/13/88	123000 @		NR
ALPHA	PCI/L	4	15	02/03/88	1.75	02/10/88	3.44	01/05/88	2.94
					(1.20)		(0.79)		(0.76)
				05/12/88	1.43	02/10/88	2.36	01/05/88	6.17
					(1.17)		(1.34)		(3.38)
					NR	05/13/88	2.59		NR
							(1.33)		
BETA	PCI/L	8	50	02/03/88	9.80	02/10/88	31.70	01/05/88	9.89
					(4.04)		(3.86)		(2.48)
				05/12/88	7.04	02/10/88	22	01/05/88	9.57
					(4.37)		(5.08)		(4.26)
					NR	05/13/88	28.80		NR
							(5.61)		
CHLORID	PPB	500		02/03/88	7890	02/10/88	6320	01/05/88	13300
				05/12/88	8330	05/13/88	7420		NR
CONDFLD	µMHO	1		02/03/88	335	02/10/88	329	01/05/88	638
				05/12/88	465	05/13/88	399		NR
FALUMIN	PPB	150		02/03/88		02/10/88		01/05/88	466
				05/12/88		05/13/88			NR
FARSENI	PPB	5	50	02/03/88		02/10/88		01/05/88	7
				05/12/88		05/13/88			NR
FBARIUM	PPB	6	1000	02/03/88	63	02/10/88	41	01/05/88	81
				05/12/88	61	05/13/88	39		NR
FCALCIU	PPB	50		02/03/88	45900	02/10/88	35500	01/05/88	81700
				05/12/88	38900	05/13/88	36400		NR
FCHROMI	PPB	10	50	02/03/88	15	02/10/88		01/05/88	
				05/12/88		05/13/88			NR
FIRON	PPB	50	·	02/03/88		02/10/88		01/05/83	3180
				05/12/88		05/13/88			NR
FLUORID	PPB	500	4000	02/03/88		02/10/88		01/05/88	741
				05/12/88		05/13/88			NR
FMAGNES	PPB	50		02/03/88	14000	02/10/88	12300	01/05/88	18600
				05/12/88	13100	05/13/88	12300		NR

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-36-61A	SAMPLE DATE	6-37-E4	SAMPLE DATE	6-37-43
FMANGAN	PPB	5		02/03/88		02/10/88		01/05/88	30
				05/12/88		05/13/88			NR
FPOTASS	PPB	100		02/03/88	5210	02/10/88	5270	01/05/88	8520
				05/12/88	4980	05/13/88	5100		NR
FSELENI	PPB	5	10	02/03/88	5	02/10/88		01/05/88	
				05/12/88		05/13/88			NR
FSODIUM	PPB	200		02/03/88	17200	02/10/88	16400	01/05/88	54700
				05/12/88	17900	05/13/88	16500		NR
FSTRONT	PPB	10		02/03/88	190	02/10/88	287	01/05/88	404
				05/12/88	173	05/13/88	284		NR
FVANADI	PPB	5		02/03/88	25	02/10/88	13	01/05/88	
				05/12/88	26	05/13/88	15		NR
FZINC	PPB	5		02/03/88		02/10/88		01/05/88	165
				05/12/88		05/13/88			NR

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-36-61A	SAMPLE DATE	6-37-E4	SAMPLE DATE	6-37-43
HNITRAT	PPB	2500	45000	02/03/88	18300	02/10/88	25900	01/05/88	11900
				05/12/88	20200		NR		NR
LFLUORD	PPB	50	4000	02/03/88	363	02/10/88	307	01/05/88	460
				05/12/88	321	05/13/88	321		NR
NITRATE	PPB	500	45000	02/03/88	20900	02/10/88	27700	01/05/88	12300
				05/12/88	20800	05/13/88	28400		NR
PH-LAB		0.01		02/03/88	7.66	02/10/88	7.76	01/05/88	7.83
				05/12/88	7.90	05/13/88	8		NR
PHFIELD		0.10		02/03/88	7.30	02/10/88	8.10	01/05/88	8
				05/12/88	7.30	05/13/88	7.80		NR
SULFATE	PPB	500		02/03/88	30000	02/10/88	27100	01/05/88	248000
				05/12/88	30800	05/13/88	27600		NR
TC	PPB	2000		02/03/88	35100	02/10/88	28300	01/05/88	24200
				05/12/88	34700	05/13/88	27800		NR
TRITIUM	PCI/L	500	20000		NR	02/10/88	51100 *	01/05/88	58300 *
							(873)		(910)

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-38-70	SAMPLE DATE	6-39-39	SAMPLE DATE	6-39-79
ALKALIN				01/06/88	126000 @	01/05/88	62800 @	01/06/88	101000 @
				05/11/88	127000 @	05/23/88	95300 @	05/23/88	105000 @
ALPHA	PCI/L	4	15	01/06/88	26.80 + (4.74)	01/05/88	0.50 (0.38)	01/06/88	9.29 (1.25)
				01/08/88	43.40 + (2.79)	01/05/88		01/06/88	6.50 (1.94)
				02/09/88	43.60 + (2.76)	05/23/88	1.27 (0.53)	05/23/88	10.10 (1.35)
				03/17/88	46.80 + (2.86)	05/23/88	6.93 (2.24)	05/23/88	7.76 (2.22)
				04/07/88	41.60 + (2.61)		NR		NR
				05/09/88	40.30 + (2.69)		NR		NR
				05/11/88	19.60 + (3.75)		NR		NR
				06/06/88	47.40 + (2.83)		NR		NR
AMMONIU	PPB	50		01/06/88		01/05/88		01/06/88	
				05/11/88	52	05/23/88	54	05/23/88	
				05/11/88			NR		NR
				05/11/88			NR		NR
BETA	PCI/L	8	50	01/06/88	373 + (18.80)	01/05/88	4.42 (1.79)	01/06/88	3.88 (1.60)
				01/08/88	334 + (13.10)	01/05/88	8.19 (3.93)	01/06/88	5.92 (3.52)
				02/09/88	269 + (12.10)	05/23/88	2.43 (1.43)	05/23/88	3.67 (1.57)
				03/17/88	332 + (13.10)	05/23/88	13.20 (4.37)	05/23/88	6.09 (3.50)
				04/07/88	309 + (12.50)		NR		NR
				05/09/88	407 + (14.70)		NR		NR

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-38-70	SAMPLE DATE	6-39-39	SAMPLE DATE	6-39-79
				05/11/88	437 + (20.80)		NR		NR
				06/06/88	368 + (13.90)		NR		NR
CHLORID	PPB	500		01/06/88	32200	01/05/88	32300	01/06/88	3780
				05/11/88	28900	05/23/88	6540	05/23/88	3990
					NR		NR	05/23/88	4010
					NR		NR	05/23/88	3980
CONDFLD	µMHO	1		01/06/88		01/05/88	444	01/06/88	
				05/11/88	818	05/23/88	276	05/23/88	189
CYANIDE	PPB	10		01/06/88	22.80	01/05/88		01/06/88	
				05/11/88		05/23/88		05/23/88	
FBARIUM	PPB	6	1000	01/06/88	82	01/05/88	49	01/06/88	24
				05/11/88	84	05/23/88	28	05/23/88	23

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-38-70	SAMPLE DATE	6-39-39	SAMPLE DATE	6-39-79
FCALCIU	PPB	50		01/06/88	92300	01/05/88	50200	01/06/88	20900
				05/11/88	91800	05/23/88	27000	05/23/88	20200
FIRON	PPB	50		01/06/88		01/05/88		01/06/88	
				05/11/88		05/23/88	417	05/23/88	
FLUORID	PPB	500	4000	01/06/88	691	01/05/88		01/06/88	
				05/11/88	655	05/23/88		05/23/88	
					NR		NR	05/23/88	
					NR		NR	05/23/88	
FMAGNES	PPB	50		01/06/88	31500	01/05/88	12800	01/06/88	5560
				05/11/88	29400	05/23/88	7780	05/23/88	5710
FMANGAN	PPB	5		01/06/88		01/05/88		01/06/88	
				05/11/88		05/23/88	22	05/23/88	
FPOTASS	PPB	100		01/06/88	6080	01/05/88	5830	01/06/88	2770
				05/11/88	5910	05/23/88	4770	05/23/88	2830
FSODIUM	PPB	200		01/06/88	20500	01/05/88	15700	01/06/88	19900
				05/11/88	20000	05/23/88	14600	05/23/88	20800
FSTRONT	PPB	10		01/06/88	445	01/05/88	361	01/06/88	84
				05/11/88	428	05/23/88	169	05/23/88	82
FVANADI	PPB	5		01/06/88	23	01/05/88		01/06/88	22
				05/11/88	20	05/23/88	8	05/23/88	18
FZINC	PPB	5		01/06/88	16	01/05/88		01/06/88	
				05/11/88	12	05/23/88	5	05/23/88	
HNITRAT	PPB	2500	45000	01/08/88	217000 *	01/05/88	13800	01/06/88	4220
				05/11/88	216000 *	05/23/88	3290	05/23/88	6020
I-129DW	PCI/L	1		05/11/88	1.42	05/23/88		05/23/88	
					(0.30)				
LFLUORD	PPB	50	4000	01/06/88	390	01/05/88	200	01/06/88	390
				05/11/88	326	05/23/88	308	05/23/88	399
NI-63	PCI/L	10	50	01/08/88	3.12		NR		NR
					(1.59)				
				05/11/88	2.39		NR		NR
					(1.34)				

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-38-70		SAMPLE DATE	6-39-39		SAMPLE DATE	6-39-79	
NITRATE	PPB	500	45000	01/06/88	239000	*	01/05/88	15200		01/06/88	4000	
				05/11/88	220000	*	05/23/88	2690		05/23/88	6220	
					NR			NR		05/23/88	6170	
					NR			NR		05/23/88	6360	
PH-LAB		0.01		01/06/88	7.51		01/05/88	7.90		01/06/88	8.13	
				05/11/88	7.80		05/23/88	8.20		05/23/88	8.30	
PHFIELD		0.10		01/06/88	7.90		01/05/88	8.20		01/06/88	8.60	
				05/11/88	7.80		05/23/88	8.20		05/23/88	8.10	
PHOSPHA	PPB	1000		01/06/88	9190		01/05/88			01/06/88		
				05/11/88			05/23/88			05/23/88		
					NR			NR		05/23/88		
					NR			NR		05/23/88		
SULFATE	PPB	500		01/06/88	48400		01/05/88	110000		01/06/88	15300	
				05/11/88	46000		05/23/88	28100		05/23/88	16300	
					NR			NR		05/23/88	16200	
					NR			NR		05/23/88	16300	

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-38-70	SAMPLE DATE	6-39-39	SAMPLE DATE	6-39-79
TC	PPB	2000		01/06/88	28500	01/05/88	14500	01/06/88	22100
				05/11/88	29400	05/23/88	21000	05/23/88	23000
TC-99	PCI/L	15	900	01/08/88	2630 * (10.60)		NR		NR
				02/09/88	3570 * (10.60)		NR		NR
				03/17/88	2830 * (9.33)		NR		NR
				04/07/88	3510 * (10.50)		NR		NR
				05/09/88	3390 * (10.30)		NR		NR
				06/06/88	3450 * (10.40)		NR		NR
TETRANE	PPB	5	5	01/06/88	39 *	01/05/88		01/06/88	430 *
				05/11/88	29 *	05/23/88		05/23/88	740 *
				05/11/88	30 *		NR		NR
				05/11/88	29 *		NR		NR
TOXLDL	PPB	10		01/06/88	38	01/05/88		01/06/88	288
				05/11/88	42.40	05/23/88		05/23/88	660
TRITIUM	PCI/L	500	20000	01/08/88	1460 (236)	01/05/88		01/06/88	
				05/11/88	1170 (228)	05/23/88		05/23/88	
U-CHEM	UG/L	0.73		01/08/88	59.20		NR		NR
				02/09/88	63.90		NR		NR
				03/17/88	61.60		NR		NR
				04/07/88	56.90		NR		NR
				05/09/88	56.70		NR		NR
				06/06/88	63		NR		NR

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-40-62	SAMPLE DATE	6-41-1	SAMPLE DATE	6-42-2
ALKALIN				02/09/88	139000 @	02/05/88	120000 @	02/05/88	122000 @
				05/22/88	139000 @	05/13/88	124000 @	06/24/88	120000 @
ALPHA	PCI/L	4	15	02/09/88	1.80	02/05/88	3.24	02/05/88	3.50
					(0.59)		(1.59)		(1.70)
				02/09/88	2.05	04/15/88	3.40	06/24/88	
					(1.37)		(0.81)		
				05/20/88	1.78	04/15/88	3.81		NR
					(1.27)		(0.86)		
				05/22/88	2.65	05/13/88	2.63		NR
					(0.71)		(1.40)		
BETA	PCI/L	8	50	02/09/88	8.40	02/05/88	48.30	02/05/88	46.80
					(2.26)		(4.77)		(6.88)
				02/09/88	10.30	02/05/88	50.50 +	06/24/88	49.50
					(4.37)		(7.03)		(6.99)
				05/20/88	5.79	04/15/88	59.70 +		NR
					(4.09)		(5.35)		
				05/22/88	6.51	04/15/88	62.10 +		NR
					(2.07)		(5.41)		
					NR	05/13/88	64.90 +		NR
							(8)		
CHLORID	PPB	500		02/09/88	9650	02/05/88	9700	02/05/88	9600
				05/22/88	9520	05/13/88	10000	06/24/88	11000
CO-60	PCI/L	22.50	100		NR	02/05/88			NR
					NR	04/15/88			NR
					NR	04/15/88	14.70		NR
							(8.14)		
CONDFLD	µMHO	1		02/09/88	395	02/05/88	356	02/05/88	352
				05/22/88	417	05/13/88	463	06/24/88	353
FBARIUM	PPB	6	1000	02/09/88	64	02/05/88	58	02/05/88	49
				05/22/88	64	05/13/88	59	06/24/88	41
FCALCIU	PPB	50		02/09/88	49100	02/05/88	46600	02/05/88	46900
				05/22/88	47600	05/13/88	42600	06/24/88	45400
FLUORID	PPB	500	4000	02/09/88	547	02/05/88		02/05/88	
				05/22/88	533	05/13/88		06/24/88	

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-40-62		SAMPLE DATE	6-41-1	SAMPLE DATE	6-42-2
FMAGNES	PPB	50		02/09/88	16700		02/05/88	13000	02/05/88	13300
				05/22/88	16300		05/13/88	12600	06/24/88	13000
FPOTASS	PPB	100		02/09/88	5590		02/05/88	5230	02/05/88	5380
				05/22/88	5420		05/13/88	5330	06/24/88	5610
FSODIUM	PPB	200		02/09/88	19100		02/05/88	17700	02/05/88	19600
				05/22/88	18400		05/13/88	18800	06/24/88	19200
FSTRONT	PPB	10		02/09/88	217		02/05/88	307	02/05/88	315
				05/22/88	207		05/13/88	306	06/24/88	316
FVANADI	PPB	5		02/09/88	27		02/05/88	16	02/05/88	16
				05/22/88	26		05/13/88	16	06/24/88	19
FZINC	PPB	5		02/09/88			02/05/88		02/05/88	
				05/22/88			05/13/88		06/24/88	6
HNITRAT	PPB	2500	45000	02/09/88	41100		02/05/88	36100	02/05/88	35200
				05/22/88	45700	*	04/15/88	38700		NR

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-40-62	SAMPLE DATE	6-41-1	SAMPLE DATE	6-42-2
I-129DW	PCI/L	1		05/22/88	0.27	04/15/88	0.28		NR
					(0.22)		(0.24)		
LFLUORD	PPB	50	4000	02/09/88	334	02/05/88	324	02/05/88	330
				05/22/88	352	05/13/88	366	06/24/88	348
NITRATE	PPB	500	45000	02/09/88	41100	02/05/88	39800	02/05/88	38700
				05/22/88	46500 *	05/13/88	38700	06/24/88	38000
PH-LAB		0.01		02/09/88	7.57	02/05/88	7.63	02/05/88	7.67
				05/22/88	7.90	05/13/88	7.90	06/24/88	7.90
PHFIELD		0.10		02/09/88	7.90	02/05/88	7.70	02/05/88	7.60
				05/22/88	7.40	05/13/88	7.80	06/24/88	7.30
SULFATE	PPB	500		02/09/88	39700	02/05/88	38400	02/05/88	37500
				05/22/88	41800	05/13/88	37600	06/24/88	37100
TC	PPB	2000		02/09/88	33000	02/05/88	28800	02/05/88	29000
				05/22/88	31600	05/13/88	28500	06/24/88	30300
TC-99	PCI/L	15	900		NR	02/05/88	340		NR
							(3.44)		
TRITIUM	PCI/L	500	20000	02/09/88	76600 *	02/05/88	236000 *	02/05/88	219000 *
					(1060)		(1850)		(1790)
				05/22/88	78800 *	02/05/88	235000 *		NR
					(1080)		(1870)		
					NR	04/15/88	241000 *		NR
							(1850)		
					NR	04/15/88	235000 *		NR
							(1820)		
U	PCI/L	0.50	600		NR	02/05/88	3.24		NR
					NR	04/15/88	2.52		NR
					NR	04/15/88	2.86		NR
UNKNOWN	PPB	0			NR	05/13/88	14		NR
					NR	05/13/88	11		NR

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-42-40A	SAMPLE DATE	6-43-3	SAMPLE DATE	6-44-64
ALKALIN				01/08/88	75200 @	02/05/88	121000 @	02/08/88	117000 @
					NR	05/22/88	123000 @	05/23/88	117000 @
ALPHA	PCI/L	4	15	01/08/88	0.39	02/05/88	3.32	02/08/88	2.03
					(0.35)		(0.80)		(0.64)
				05/23/88	0.74	02/05/88	3.02	02/08/88	3
					(0.41)		(1.70)		(1.69)
					NR	05/22/88	5.21	05/23/88	1.91
							(0.96)		(0.63)
					NR	05/22/88	1.49	05/23/88	1.38
							(1.20)		(1.12)
AMMONIU	PPB	50		01/08/88		02/05/88		02/08/88	62
					NR	05/22/88		05/23/88	
BETA	PCI/L	8	50	01/08/88	2.12	02/05/88	58.40 +	02/08/88	21
					(1.26)		(5.16)		(3.21)
				05/23/88	4.09	02/05/88	51 +	02/08/88	18.60
					(1.59)		(7.18)		(4.96)
					NR	05/22/88	66.50 +	05/23/88	20.90
							(5.54)		(3.23)
					NR	05/22/88	55.40 +	05/23/88	20.80
							(7.32)		(5.14)
CALCIUM	PPB	50		01/08/88	20200		NR		NR
CHLORID	PPB	500		01/08/88	2340	02/05/88	10700	02/08/88	11900
					NR	05/22/88	11700	05/23/88	13100
CO-60	PCI/L	22.50	100	01/08/88		02/05/88			NR
				05/23/88		05/22/88	7.71		NR
							(7.54)		
CONDFLD	µMHO	1		01/08/88	117	02/05/88	370	02/08/88	393
					NR	05/22/88	419	05/23/88	358
CYANIDE	PPB	10		01/08/88		02/05/88	13	02/08/88	16
					NR	05/22/88		05/23/88	
FARSENI	PPB	5	50	01/08/88		02/05/88		02/08/88	
					NR	05/22/88	5	05/23/88	
FBARIUM	PPB	6	1000	01/08/88		02/05/88	55	02/08/88	50
					NR	05/22/88	50	05/23/88	51

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-42-40A	SAMPLE DATE	6-43-3	SAMPLE DATE	6-44-64
FCALCIU	PPB	50		01/08/88	21300	02/05/88	44100	02/08/88	42700
					NR	05/22/88	44500	05/23/88	45400
FIRON	PPB	50		01/08/88	171	02/05/88		02/08/88	
					NR	05/22/88		05/23/88	
FLUORID	PPB	500	4000	01/08/88		02/05/88		02/08/88	
					NR	05/22/88		05/23/88	745
FMAGNES	PPB	50		01/08/88	5630	02/05/88	13400	02/08/88	16000
					NR	05/22/88	13300	05/23/88	16800
FMANGAN	PPB	5		01/08/88	11	02/05/88		02/08/88	
					NR	05/22/88		05/23/88	
FPOTASS	PPB	100		01/08/88	2800	02/05/88	4900	02/08/88	4950
					NR	05/22/88	5050	05/23/88	5120
FSODIUM	PPB	200		01/08/88	4460	02/05/88	19600	02/08/88	14900
					NR	05/22/88	19100	05/23/88	15500

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-42-40A	SAMPLE DATE	6-43-3	SAMPLE DATE	6-44-64
FSTRONT	PPB	10		01/08/88	104	02/05/88	327	02/08/88	198
					NR	05/22/88	316	05/23/88	198
FVANADI	PPB	5		01/08/88	5	02/05/88	21	02/08/88	25
					NR	05/22/88	19	05/23/88	31
HNITRAT	PPB	2500	45000	01/08/88	3650	02/05/88	33200	02/08/88	46100 *
				05/23/88		05/22/88	37200	05/23/88	53400 *
I-129DW	PCI/L	1			NR	05/22/88	0.47	05/23/88	
							(0.34)		
IRON	PPB	50		01/08/88	155		NR		NR
LFLUORD	PPB	50	4000		NR	02/05/88	344	02/08/88	348
					NR	05/22/88	368	05/23/88	349
MAGNES	PPB	0		01/08/88	5590		NR		NR
NITRATE	PPB	500	45000	01/08/88		02/05/88	38500	02/08/88	45800 *
					NR	05/22/88	37400	05/23/88	53200 *
PH-LAB		0.01		01/08/88	7.68	02/05/88	7.70	02/08/88	7.63
					NR	05/22/88	8	05/23/88	7.90
PHFIELD		0.10		01/08/88	7.90	02/05/88	7.60	02/08/88	7.70
					NR	05/22/88	7.80	05/23/88	7.70
POTASUM	PPB	100		01/08/88	2850		NR		NR
SODIUM	PPB	200		01/08/88	4140		NR		NR
SULFATE	PPB	500		01/08/88	11500	02/05/88	41200	02/08/88	28500
					NR	05/22/88	40600	05/23/88	31600
TC	PPB	2000		01/08/88	16400	02/05/88	29000	02/08/88	28200
					NR	05/22/88	27900	05/23/88	26400
TC-99	PCI/L	15	900		NR	02/05/88	347		NR
							(3.47)		
TOXLDL	PPB	10		01/08/88	54.10	02/05/88		02/08/88	
					NR	05/22/88		05/23/88	
TRITIUM	PCI/L	500	20000	01/08/88		02/05/88	236000 *	02/08/88	647
							(1850)		(217)
				05/23/88	426	05/22/88	238000 *	05/23/88	511
					(216)		(1850)		(216)

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-42-40A	SAMPLE DATE	6-43-3	SAMPLE DATE	6-44-64
U-234	PCI/L	0.10	32	01/08/88	0.47 (0.07)		NR		NR
				05/23/88	0.47 (0.07)		NR		NR
U-235	PCI/L	0.10	32	01/08/88	0.06 (0.03)		NR		NR
				05/23/88			NR		NR
U-238	PCI/L	0.10	4.80	01/08/88	0.44 (0.07)		NR		NR
				05/23/88	0.33 (0.06)		NR		NR
U-CHEM	UG/L	0.73		01/08/88	0.81		NR		NR
				05/23/88	0.83		NR		NR

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-45-2	SAMPLE DATE	6-45-42	SAMPLE DATE	6-46-4
ALKALIN				02/05/88	122000 @	01/08/88	101000 @	01/05/88	121000 @
				05/22/88	121000 @	06/15/88	103000 @	05/22/88	120000 @
ALPHA	PCI/L	4	15	02/05/88	4.28	01/08/88	1.85	01/05/88	2.52
					(0.87)		(0.59)		(0.68)
				02/05/88	1.92	02/04/88	1.55	01/05/88	1.50
					(1.32)		(0.56)		(1.20)
				05/22/88	3.92	03/17/88	1.87	05/22/88	2.35
					(0.85)		(0.61)		(0.65)
				05/22/88	2.28	04/07/88	2.62	05/22/88	2.41
					(1.45)		(0.70)		(1.40)
					NR	05/04/88	1.48		NR
							(0.55)		
					NR	06/06/88	2.23		NR
							(0.63)		
					NR	06/15/88	1.77		NR
							(1.15)		
BARIUM	PPB	6	1000		NR	01/08/88	32		NR
BETA	PCI/L	8	50	02/05/88	5.25	01/08/88	3.19	01/05/88	41.10
					(1.79)		(1.52)		(4.43)
				02/05/88	46.90	02/04/88	4.22	01/05/88	35.50
					(6.85)		(1.68)		(6.19)
				05/22/88	58.90 +	03/17/88	4.78	05/22/88	47
					(5.22)		(1.74)		(4.65)
				05/22/88	50.50 +	04/07/88	5.78	05/22/88	40.80
					(7.10)		(1.91)		(6.59)
					NR	05/04/88	4.04		NR
							(1.70)		
					NR	06/06/88	6.29		NR
							(1.97)		
					NR	06/15/88	7.25		NR
							(3.71)		
CALCIUM	PPB	50			NR	01/08/88	24200		NR
CHLORID	PPB	500		02/05/88	10400	01/08/88	5670	01/05/88	12000
				05/22/88	11100	06/15/88	5650	05/22/88	11700

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-45-2	SAMPLE DATE	6-45-42	SAMPLE DATE	6-46-4
CO-60	PCI/L	22.50	100	02/05/88	7.96	01/08/88			NR
					(6.02)				
				05/22/88		02/04/88			NR
					NR	03/17/88			NR
					NR	04/07/88			NR
					NR	05/04/88			NR
					NR	06/06/88			NR
CONDFLD	µMHO	1		02/05/88	364	01/08/88	219	01/05/88	344
				05/22/88	320		NR	05/22/88	387
CYANIDE	PPB	10		02/05/88		01/08/88		01/05/88	
				05/22/88		06/15/88	151	05/22/88	
FARSENI	PPB	5	50	02/05/88		01/08/88	5	01/05/88	5
				05/22/88	6	06/15/88	6	05/22/88	5
FBARIUM	PPB	6	1000	02/05/88	33	01/08/88	34	01/05/88	19

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-45-2	SAMPLE DATE	6-45-42	SAMPLE DATE	6-46-4
FBARIUM	PPB	6	1000	05/22/88	35	06/15/88	35	05/22/88	35
FCALCIU	PPB	50		02/05/88	42200	01/08/88	26300	01/05/88	43300
				05/22/88	43700	06/15/88	26900	05/22/88	39300
FIRON	PPB	50		02/05/88		01/08/88	60	01/05/88	
				05/22/88		06/15/88	53	05/22/88	
FLUORID	PPB	500	4000	02/05/88		01/08/88	667	01/05/88	546
				05/22/88	591	06/15/88	1200	05/22/88	607
FMAGNES	PPB	50		02/05/88	11900	01/08/88	10500	01/05/88	12700
				05/22/88	12300	06/15/88	10800	05/22/88	12300
FMANGAN	PPB	5		02/05/88		01/08/88	10	01/05/88	
				05/22/88		06/15/88	7	05/22/88	
FPOTASS	PPB	100		02/05/88	4880	01/08/88	4320	01/05/88	4980
				05/22/88	5200	06/15/88	3920	05/22/88	4920
FSODIUM	PPB	200		02/05/88	19200	01/08/88	18400	01/05/88	22200
				05/22/88	19400	06/15/88	17300	05/22/88	21700
FSTRONT	PPB	10		02/05/88	276	01/08/88	192	01/05/88	305
				05/22/88	282	06/15/88	196	05/22/88	295
FVANADI	PPB	5		02/05/88	18	01/08/88	30	01/05/88	
				05/22/88	21	06/15/88	34	05/22/88	19
FZINC	PPB	5		02/05/88		01/08/88		01/05/88	
				05/22/88		06/15/88		05/22/88	6
HNITRAT	PPB	2500	45000	02/05/88	32300	01/08/88	6910	01/05/88	29300
				05/22/88	35200	02/04/88	6140	05/22/88	27400
					NR	03/17/88	5210		NR
					NR	04/07/88	5960		NR
					NR	05/04/88	6610		NR
					NR	06/06/88	7730		NR
I-129DW	PCI/L	1		05/22/88	0.39		NR	05/22/88	0.26
					(0.31)				(0.21)
IRON	PPB	50			NR	01/08/88	428		NR
LFLUORD	PPB	50	4000	02/05/88	365	06/15/88	488	01/05/88	435
				05/22/88	402		NR	05/22/88	410
MAGNES	PPB	0			NR	01/08/88	10100		NR

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-45-2	SAMPLE DATE	6-45-42	SAMPLE DATE	6-46-4
NITRATE	PPB	500	45000	02/05/88	35200	01/08/88	8860	01/05/88	30000
				05/22/88	35500	06/15/88	7270	05/22/88	29100
PH-LAB		0.01		02/05/88	7.62	01/08/88	7.74	01/05/88	7.83
				05/22/88	7.80	06/15/88	7.90	05/22/88	7.90
PHFIELD		0.10		02/05/88	7.60	01/08/88	7.50	01/05/88	7.60
				05/22/88	7.40		NR	05/22/88	7.50
POTASUM	PPB	100			NR	01/08/88	4420		NR
SODIUM	PPB	200			NR	01/08/88	18800		NR
SULFATE	PPB	500		02/05/88	39100	01/08/88	35200	01/05/88	48400
				05/22/88	39500	06/15/88	34200	05/22/88	43200
TC	PPB	2000		02/05/88	29100	01/08/88	22600	01/05/88	27200
				05/22/88	28100	06/15/88	23300	05/22/88	27300
TC-99	PCI/L	15	900		NR		NR	01/05/88	210
									(3.18)
TRITIUM	PCI/L	500	20000	02/05/88	202000 *	01/08/88	52300 *	01/05/88	154000 *
					(1720)		(867)		(1470)

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-45-2	SAMPLE DATE	6-45-42	SAMPLE DATE	6-46-4
TRITIUM	PCI/L	500	20000	05/22/88	204000 * (1710)	02/04/88	50100 * (863)	05/22/88	167000 * (1560)
					NR	03/17/88	49700 * (862)		NR
					NR	04/07/88	50200 * (845)		NR
					NR	05/04/88	49400 * (851)		NR
					NR	06/06/88	50200 * (863)		NR
U-234	PCI/L	0.10	32		NR	01/08/88	1.11 (0.10)		NR
					NR	02/04/88	1.16 (0.09)		NR
					NR	03/17/88	0.87 (0.09)		NR
					NR	04/07/88	0.94 (0.09)		NR
					NR	05/04/88	1.08 (0.10)		NR
					NR	06/06/88	1.08 (0.10)		NR
U-235	PCI/L	0.10	32		NR	01/08/88	0.04 (0.02)		NR
					NR	02/04/88	0.02 (0.01)		NR
					NR	03/17/88			NR
					NR	04/07/88	0.02 (0.01)		NR
					NR	05/04/88	0.03 (0.02)		NR
					NR	06/06/88	0.06 (0.03)		NR

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-45-2	SAMPLE DATE	6-45-42	SAMPLE DATE	6-46-4
U-238	PCI/L	0.10	4.80		NR	01/08/88	0.86		NR
							(0.09)		
					NR	02/04/88	0.87		NR
							(0.08)		
					NR	03/17/88	0.57		NR
							(0.07)		
					NR	04/07/88	0.79		NR
							(0.08)		
					NR	05/04/88	0.82		NR
							(0.09)		
					NR	06/06/83	0.89		NR
							(0.09)		
U-CHEM	UG/L	0.73			NR	01/08/88	2.17		NR
					NR	02/04/88	2.32		NR
					NR	03/17/88	1.92		NR
					NR	04/07/88	1.88		NR

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-45-2	SAMPLE DATE	6-45-42	SAMPLE DATE	6-46-4
U-CHEM	UG/L	0.73			NR	05/04/88	2.07		NR
					NR	06/06/88	2.03		NR
VANADUM	PPB	5			NR	01/08/88	28		NR

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-47-5	SAMPLE DATE	6-47-46A	SAMPLE DATE	6-47-50
ALKALIN				01/06/88	121000 @	02/08/88	85000 @	02/08/88	92400 @
				05/22/88	122000 @	05/23/88	86500 @	06/01/88	90000 @
ALPHA	PCI/L	4	15	01/06/88	1.86	02/08/88	2.75	02/08/88	1.46
					(1.32)		(1.61)		(0.53)
				01/08/88	3.14	05/23/88	3.21	02/08/88	1.79
					(0.75)		(1.86)		(1.60)
				02/04/88	3.12		NR	06/01/88	2.10
					(0.77)				(0.63)
				03/17/88	2.90		NR	06/01/88	1.80
					(0.75)				(1.49)
				04/07/88	2.34		NR		NR
					(0.65)				
				05/04/88	2.93		NR		NR
					(0.76)				
				05/22/88	2.80		NR		NR
					(1.47)				
				06/06/88	3.10		NR		NR
					(0.76)				
AMMONIU	PPB	50		01/06/88		02/08/88	56	02/08/88	58
				05/22/88		05/23/88		06/01/88	
BETA	PCI/L	8	50	01/06/88	10.60	02/08/88	7.99	02/08/88	6.82
					(4.13)		(2.20)		(2.04)
				01/08/88	20.40	02/08/88	10.60	02/08/88	7.58
					(3.18)		(4.19)		(3.95)
				02/04/88	23	05/23/88	7.46	06/01/88	6
					(3.33)		(2.13)		(1.99)
				03/17/88	33.70	05/23/88	13.50	06/01/88	11.60
					(4.04)		(4.52)		(4.54)
				04/07/88	30.90		NR		NR
					(3.89)				
				05/04/88	27.40		NR		NR
					(3.69)				

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-47-5	SAMPLE DATE	6-47-46A	SAMPLE DATE	6-47-50
				05/22/88	22.10		NR		NR
					(5.42)				
				06/06/88	23.60		NR		NR
					(3.52)				
CHLORID	PPB	500		01/06/88	11600	02/08/88	20900	02/08/88	28900
				05/22/88	10600	05/23/88	21000	06/01/88	29500
CO-60	PCI/L	22.50	100	01/08/88	8.71	02/08/88		02/08/88	
					(8)				
				04/07/88	8.48	05/23/88		06/01/88	
					(5.01)				
CONDFLD	µMHO	1		01/06/88	323	02/08/88	386	02/08/88	400
				05/22/88	345	05/23/88	378	06/01/88	481
FBARIUM	PPB	6	1000	01/06/88	27	02/08/88	53	02/08/88	74
				05/22/88	30	05/23/88	50	06/01/88	67
FCALCIU	PPB	50		01/06/88	44100	02/08/88	45400	02/08/88	55200
				05/22/88	44900	05/23/88	44600	06/01/88	48700

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-47-5	SAMPLE DATE	6-47-46A	SAMPLE DATE	6-47-50
FIRON	PPB	50		01/06/88		02/08/88		02/08/88	262
				05/22/88		05/23/88		06/01/88	203
FLUORID	PPB	500	4000	01/06/88	592	02/08/88	602	02/08/88	648
				05/22/88	517	05/23/88	668	06/01/88	
FMAGNES	PPB	50		01/06/88	9750	02/08/88	15000	02/08/88	16200
				05/22/88	10200	05/23/88	14900	06/01/88	14800
FMANGAN	PPB	5		01/06/88		02/08/88		02/08/88	14
				05/22/88		05/23/88		06/01/88	12
FPOTASS	PPB	100		01/06/88	4540	02/08/88	8070	02/08/88	7220
				05/22/88	4910	05/23/88	7640	06/01/88	6910
FSELENI	PPB	5	10	01/06/88		02/08/88	7	02/08/88	
				05/22/88		05/23/88		06/01/88	
FSODIUM	PPB	200		01/06/88	21800	02/08/88	23000	02/08/88	21400
				05/22/88	22100	05/23/88	21800	06/01/88	20400
FSTRONT	PPB	10		01/06/88	218	02/08/88	318	02/08/88	285
				05/22/88	229	05/23/88	300	06/01/88	254
FVANADI	PPB	5		01/06/88	16	02/08/88	20	02/08/88	8
				05/22/88	15	05/23/88	21	06/01/88	9
FZINC	PPB	5		01/06/88		02/08/88		02/08/88	
				05/22/88		05/23/88	5	06/01/88	
HNITRAT	PPB	2500	45000	01/08/88	22400	02/08/88	12000	02/08/88	6790
				02/04/88	22900	05/23/88	13400	02/08/88	7310
				03/17/88	33200		NR	06/01/88	7420
				04/07/88	31300		NR		NR
				05/04/88	36000		NR		NR
				06/06/88	25200		NR		NR
LFLUORD	PPB	50	4000	01/06/88	415	02/08/88	409	02/08/88	469
				05/22/88	415	05/23/88	443	06/01/88	518
NITRATE	PPB	500	45000	01/06/88	27500	02/08/88	12600	02/08/88	7470
				05/22/88	26000	05/23/88	13600	06/01/88	8120
PH-LAB		0.01		01/06/88	7.58	02/08/88	7.73	02/08/88	7.58
				05/22/88	7.70	05/23/88	7.90	06/01/88	7.80
PHFIELD		0.10		01/06/88	7.70	02/08/88	7.90	02/08/88	7.90
				05/22/88	7.60	05/23/88	7.80	06/01/88	8.40

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-47-5	SAMPLE DATE	6-47-46A	SAMPLE DATE	6-47-50
SR 90	PCI/L	5	8	01/08/88	1.22 (0.85)		NR	02/08/88	
				04/07/88			NR	06/01/88	0.92 (0.72)
SULFATE	PPB	500		01/06/88	49100	02/08/88	89800	02/08/88	95100
				05/22/88	45600	05/23/88	95100	06/01/88	98200
TC	PPB	2000		01/06/88	27700	02/08/88	20400	02/08/88	22900
				05/22/88	28000	05/23/88	19100	06/01/88	21800
TRITIUM	PCI/L	500	20000	01/08/88	139000 * (1390)	02/08/88		02/08/88	
				02/04/88	160000 * (1530)	05/23/88		02/08/88	
				03/17/88	221000 * (1780)		NR	06/01/88	

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-47-5	SAMPLE DATE	6-47-46A	SAMPLE DATE	6-47-50
TRITIUM	PCI/L	500	20000	04/07/88	218000 * (1530)		NR		NR
				05/04/88	187000 * (1410)		NR		NR
				06/06/88	172000 * (1570)		NR		NR
U	PCI/L	0.50	600	01/08/88	2.09	02/08/88	2.44		NR
				04/07/88	1.53	05/23/88	2.41		NR

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-47-60	SAMPLE DATE	6-49-55A	SAMPLE DATE	6-49-57
ACETONE	PPB	10			NR	02/12/88	28		NR
ALKALIN				02/08/88	118000 @	02/12/88	96300 @	02/09/88	103000 @
				06/01/88	120000 @	06/15/88	102000 @	06/01/88	105000 @
					NR	06/15/88	101000 @		NR
					NR	06/15/88	101000 @		NR
ALPHA	PCI/L	4	15	02/08/88	2.14	02/12/88		02/09/88	1.66
					(1.47)				(1.25)
				06/01/88	1.42	04/15/88	3.28	02/09/88	
					(1.21)		(0.80)		
					NR	04/15/88	3.47	02/09/88	1.55
							(0.80)		(1.25)
					NR	06/15/88	3.35	06/01/88	
							(2.16)		
AMMONIU	PPB	50		02/08/88	56	02/12/88	1450	02/09/88	
				06/01/88		02/12/88	1490	02/09/88	
					NR	02/12/88	1450	02/09/88	
					NR	06/15/88	800	06/01/88	
					NR	06/15/88	800		NR
					NR	06/15/88	800		NR
BETA	PCI/L	8	50	02/08/88	5.73	02/12/88	1550 +	02/09/88	240 +
					(1.87)		(28.60)		(10.40)
				02/08/88	5.91	02/12/88	1360 +	02/09/88	192 +
					(3.66)		(35.80)		(12.80)
				06/01/88	7.43	04/15/88	1220 +	02/09/88	188 +
					(2.12)		(25)		(12.60)
				06/01/88	6.81	04/15/88	1220 +	02/09/88	180 +
					(3.84)		(24.90)		(12.30)
					NR	06/15/88	1360 +	06/01/88	262 +
							(35.80)		(10.90)
					NR		NR	06/01/88	226 +
									(13.80)
C 14	PCI/L				NR		NR	02/09/88	6.89 @
									(2.23)
					NR		NR	06/01/88	5.90 @
									(2.22)

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-47-60	SAMPLE DATE	6-49-55A	SAMPLE DATE	6-49-57
CHLORID	PPB	500		02/08/88	9650	02/12/88	14100	02/09/88	3910
				06/01/88	10400	02/12/88	14200	02/09/88	4050
					NR	02/12/88	13900	02/09/88	3970
					NR	06/15/88	15200	06/01/88	5280
CO-60	PCI/L	22.50	100	02/08/88		02/12/88	222 * (30.80)	02/09/88	9.81 (9.42)
				06/01/88		04/15/88	147 * (25)	06/01/88	18.80 (11.40)
					NR	04/15/88	180 * (29.60)		NR
CONDFLD	µMHO	1		02/08/88	339	02/12/88	767	02/09/88	401
				06/01/88	375		NR	06/01/88	390
CYANIDE	PPB	10		02/08/88		02/12/88	141	02/09/88	27

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-47-60	SAMPLE DATE	6-49-55A	SAMPLE DATE	6-49-57
CYANIDE	PPB	10		06/01/88		02/12/88	247	02/09/88	21
					NR	02/12/88	106	02/09/88	21
					NR	06/15/88	104	06/01/88	28
					NR	06/15/88	77	06/01/88	25
					NR	06/15/88		06/01/88	27
FARSENI	PPB	5	50	02/08/88		02/12/88		02/09/88	9
				06/01/88	7	06/15/88	5	02/09/88	10
					NR	06/15/88		02/09/88	9
					NR	06/15/88		06/01/88	10
					NR		NR	06/01/88	9
					NR		NR	06/01/88	9
FBARIUM	PPB	6	1000	02/08/88	34	02/12/88	39	02/09/88	20
				06/01/88	37	06/15/88	45	02/09/88	21
					NR	06/15/88	43	02/09/88	21
					NR	06/15/88	43	06/01/88	24
					NR		NR	06/01/88	25
					NR		NR	06/01/88	24
FCALCIU	PPB	50		02/08/88	37300	02/12/88	99200	02/09/88	22100
				06/01/88	36400	06/15/88	94800	02/09/88	23600
					NR	06/15/88	93900	02/09/88	24500
					NR	06/15/88	91100	06/01/88	24100
					NR		NR	06/01/88	26200
					NR		NR	06/01/88	25600
FCHROMI	PPB	10	50	02/08/88		02/12/88		02/09/88	11
				06/01/88		06/15/88		02/09/88	11
					NR	06/15/88		02/09/88	11
					NR	06/15/88		06/01/88	
					NR		NR	06/01/88	
					NR		NR	06/01/88	
FIRON	PPB	50		02/08/88		02/12/88	234	02/09/88	
				06/01/88		06/15/88	100	02/09/88	
					NR	06/15/88	121	02/09/88	
					NR	06/15/88	103	06/01/88	
					NR		NR	06/01/88	
					NR		NR	06/01/88	

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-47-60	SAMPLE DATE	6-49-55A	SAMPLE DATE	6-49-57
FLUORID	PPB	500	4000	02/08/88	744	02/12/88		02/09/88	1010
				06/01/88	579	02/12/88		02/09/88	1010
					NR	02/12/88		02/09/88	1010
					NR	06/15/88		06/01/88	878
FMAGNES	PPB	50		02/08/88	11700	02/12/88	26000	02/09/88	7100
				06/01/88	11900	06/15/88	26800	02/09/88	7350
					NR	06/15/88	26300	02/09/88	7680
					NR	06/15/88	25600	06/01/88	7700
					NR		NR	06/01/88	8390
					NR		NR	06/01/88	8080
FMANGAN	PPB	5		02/08/88		02/12/88	25	02/09/88	
				06/01/88		06/15/88	21	02/09/88	
					NR	06/15/88	21	02/09/88	
					NR	06/15/88	20	06/01/88	

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-47-60	SAMPLE DATE	6-49-55A	SAMPLE DATE	6-49-57
FMANGAN	PPB	5			NR		NR	06/01/88	
					NR		NR	06/01/88	
FPOTASS	PPB	100		02/08/88	5540	02/12/88	13100	02/09/88	5540
				06/01/88	6140	06/15/88	12000	02/09/88	5760
					NR	06/15/88	11900	02/09/88	5990
					NR	06/15/88	12200	06/01/88	5960
					NR		NR	06/01/88	6210
					NR		NR	06/01/88	5840
FSELENI	PPB	5	10	02/08/88		02/12/88	6	02/09/88	
				06/01/88		06/15/88		02/09/88	
					NR	06/15/88		02/09/88	
					NR	06/15/88		06/01/88	
					NR		NR	06/01/88	
					NR		NR	06/01/88	
FSODIUM	PPB	200		02/08/88	24100	02/12/88	47700	02/09/88	43900
				06/01/88	24900	06/15/88	48200	02/09/88	45200
					NR	06/15/88	46700	02/09/88	45300
					NR	06/15/88	46000	06/01/88	41200
					NR		NR	06/01/88	45000
					NR		NR	06/01/88	44800
FSTRONT	PPB	10		02/08/88	196	02/12/88	487	02/09/88	126
				06/01/88	204	06/15/88	443	02/09/88	128
					NR	06/15/88	440	02/09/88	130
					NR	06/15/88	436	06/01/88	130
					NR		NR	06/01/88	139
					NR		NR	06/01/88	133
FVANADI	PPB	5		02/08/88	17	02/12/88	8	02/09/88	33
				06/01/88	18	06/15/88	9	02/09/88	29
					NR	06/15/88	9	02/09/88	32
					NR	06/15/88	9	06/01/88	28
					NR		NR	06/01/88	28
					NR		NR	06/01/88	27

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-47-60	SAMPLE DATE	6-49-55A	SAMPLE DATE	6-49-57
FZINC	PPB	5		02/08/88		02/12/88	5	02/09/88	
				06/01/88		06/15/88		02/09/88	
					NR	06/15/88		02/09/88	
					NR	06/15/88		06/01/88	
					NR		NR	06/01/88	
					NR		NR	06/01/88	
HNITRAT	PPB	2500	45000	02/08/88	19500	02/12/88	242000 *	02/09/88	47700 *
				06/01/88	22500	04/15/88	201000 *	06/01/88	50300 *
I-129DW	PCI/L	1		06/01/88		04/15/88		06/01/88	0.34
									(0.15)
LFLUORD	PPB	50	4000	06/01/88	609	02/12/88	341	02/09/88	895
					NR	02/12/88	334	02/09/88	895
					NR	02/12/88	337	02/09/88	913
					NR	06/15/88	370	06/01/88	847
					NR		NR	06/01/88	784
					NR		NR	06/01/88	803
NITRATE	PPB	500	45000	02/08/88	21700	02/12/88	233000 *	02/09/88	47800 *

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-47-60	SAMPLE DATE	6-49-55A	SAMPLE DATE	6-49-57
NITRATE	PPB	500	45000	06/01/88	23000	02/12/88	231000 *	02/09/88	48200 *
					NR	02/12/88	229000 *	02/09/88	47600 *
					NR	06/15/88	209000 *	06/01/88	49800 *
PH-LAB		0.01		02/08/88	7.80	02/12/88	8.29	02/09/88	7.85
				06/01/88	8.10	06/15/88	8	06/01/88	8
PHFIELD		0.10		02/08/88	8.10	02/12/88	7.60	02/09/88	7.80
				06/01/88	8.40		NR	06/01/88	8.70
RU-106	PCI/L	172.50	30	02/08/88		02/12/88		02/09/88	42.30 *
									(38.90)
				06/01/88	41.30 *	04/15/88		06/01/88	
					(39.20)				
					NR	04/15/88			NR
SULFATE	PPB	500		02/08/88	46300	02/12/88	143000	02/09/88	33200
				06/01/88	45300	02/12/88	144000	02/09/88	33700
					NR	02/12/88	142000	02/09/88	33200
					NR	06/15/88	142000	06/01/88	34800
TC	PPB	2000		02/08/88	27900	02/12/88	22400	02/09/88	24600
				06/01/88	27400	06/15/88	22500	06/01/88	24200
TC-99	PCI/L	15	900		NR	02/12/88	12500 *	02/09/88	1330 *
							(19.90)		(6.55)
TRITIUM	PCI/L	500	20000	02/08/88		02/12/88	14800	02/09/88	3000
							(500)		(287)
				06/01/88		04/15/88	13700	06/01/88	4250
							(335)		(315)
					NR	04/15/88	14100		NR
							(340)		
U	PCI/L	0.50	600	02/08/88	2.28	02/12/88	3.83	02/09/88	1.45
				06/01/88	1.81	04/15/88	2.47	06/01/88	1.38
					NR	04/15/88	2.50		NR

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-49-79	SAMPLE DATE	6-50-53	SAMPLE DATE	6-50-85
ALKALIN				02/09/88	98400 @	03/06/88	68500 @	03/23/88	122000 @
				06/07/88	99400 @	06/06/88	68500 @	06/06/88	121000 @
					NR	06/06/88	67700 @		NR
					NR	06/06/88	68000 @		NR
ALPHA	PCI/L	4	15	02/09/88	0.74	03/06/88	4.49	02/19/88	0.54
					(0.43)		(0.92)		(0.37)
				02/09/88		03/06/88	4.85	03/23/88	
							(3.96)		
				06/07/88	1.01	03/06/88		06/06/88	0.65
					(0.48)				(0.38)
				06/07/88	1.68	03/06/88	3.61	06/06/88	1.09
					(1.34)		(3.46)		(0.95)
					NR	04/15/88	3.85		NR
							(0.85)		
					NR	04/15/88	3.75		NR
							(0.85)		
					NR	06/06/88	3.50		NR
							(3.37)		
					NR	06/06/88	8.05		NR
							(5.57)		
					NR	06/06/88	4.97		NR
							(4.75)		
AMMONIU	PPB	50		02/09/88		03/06/88	82	03/23/88	
				06/07/88		06/06/88	55	06/06/88	
BETA	PCI/L	8	50	02/09/88	3.93	03/06/88	2350 +	02/19/88	4.86
					(1.70)		(38)		(1.78)
				02/09/88		03/06/88	2560 +	03/23/88	4.94
							(53.60)		(3.49)
				06/07/88	4.72	03/06/88	2430 +	06/06/88	3.44
					(1.84)		(51.90)		(1.66)
				06/07/88	6.85	03/06/88	2570 +	06/06/88	4.22
					(3.86)		(54.80)		(3.77)
					NR	04/15/88	2260 +		NR

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-49-79	SAMPLE DATE	6-50-53	SAMPLE DATE	6-50-85
							(38.20)		
					NR	04/15/88	2030 +		NR
							(34.80)		
					NR	06/06/88	3020 +		NR
							(59.80)		
					NR	06/06/88	2980 +		NR
							(58.80)		
					NR	06/06/88	2630 +		NR
							(53.90)		
CHLORID	PPB	500		02/09/88	10000	03/06/88	38200	03/23/88	9330
				06/07/88	9960	03/06/88	37300	06/06/88	9960
					NR	03/06/88	35500		NR
					NR	06/06/88	36800		NR
					NR	06/06/88	36300		NR
					NR	06/06/88	33900		NR

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-49-79	SAMPLE DATE	6-50-53	SAMPLE DATE	6-50-85
CO-60	PCI/L	22.50	100		NR	03/06/88	352 * (38.40)		NR
					NR	04/15/88	469 * (48.20)		NR
					NR	04/15/88	460 * (48.40)		NR
CONDFLD	µMHO	1		02/09/88	385	03/06/88	1295	03/23/88	316
				06/07/88	386	06/06/88	1588	06/06/88	304
CYANIDE	PPB	10		02/09/88		03/06/88	422	03/23/88	
				06/07/88	11	03/06/88	827	06/06/88	
					NR	03/06/88	489		NR
					NR	06/06/88	1690		NR
					NR	06/06/88	1300		NR
					NR	06/06/88	1360		NR
FBARIUM	PPB	6	1000	02/09/88	28	03/06/88	71	03/23/88	29
				06/07/88	29	03/06/88	73	06/06/88	30
					NR	03/06/88	77		NR
					NR	06/06/88	76		NR
					NR	06/06/88	74		NR
					NR	06/06/88	74		NR
FCALCIU	PPB	50		02/09/88	44300	03/06/88	222000	03/23/88	39600
				06/07/88	43500	03/06/88	244000	06/06/88	38400
					NR	03/06/88	238000		NR
					NR	06/06/88	244000		NR
					NR	06/06/88	242000		NR
					NR	06/06/88	245000		NR
FIRON	PPB	50		02/09/88		03/06/88	265	03/23/88	
				06/07/88		03/06/88	276	06/06/88	
					NR	03/06/88	286		NR
					NR	06/06/88	318		NR
					NR	06/06/88	305		NR
					NR	06/06/88	307		NR

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-49-79	SAMPLE DATE	6-50-53	SAMPLE DATE	6-50-85
FLUORID	PPB	500	4000	02/09/88		03/06/88	567	03/23/88	
				06/07/88		03/06/88	564	06/06/88	
					NR	03/06/88			NR
					NR	06/06/88	1020		NR
					NR	06/06/88	1000		NR
					NR	06/06/88	1000		NR
FMAGNES	PPB	50		02/09/88	14300	03/06/88	63000	03/23/88	13400
				06/07/88	14000	03/06/88	70300	06/06/88	13100
					NR	03/06/88	68600		NR
					NR	06/06/88	69000		NR
					NR	06/06/88	67400		NR
					NR	06/06/88	68500		NR
FPOTASS	PPB	100		02/09/88	3700	03/06/88	14100	03/23/88	3990
				06/07/88	3480	03/06/88	15400	06/06/88	3690
					NR	03/06/88	15200		NR
					NR	06/06/88	14300		NR

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-49-79	SAMPLE DATE	6-50-53		SAMPLE DATE	6-50-85
FPOTASS	PPB	100			NR	06/06/88	13500			NR
					NR	06/06/88	14000			NR
FSELENI	PPB	5	10	02/09/88		03/06/88	19	*	03/23/88	
				06/07/88		03/06/88	19	*	06/06/88	
					NR	03/06/88	19	*		NR
					NR	06/06/88	27	*		NR
					NR	06/06/88	23	*		NR
					NR	06/06/88	25	*		NR
FSODIUM	PPB	200		02/09/88	8550	03/06/88	60200		03/23/88	10300
				06/07/88	8690	03/06/88	65900		06/06/88	10300
					NR	03/06/88	65100			NR
					NR	06/06/88	62800			NR
					NR	06/06/88	59000			NR
					NR	06/06/88	61300			NR
FSTRONT	PPB	10		02/09/88	175	03/06/88	960		03/23/88	142
				06/07/88	168	03/06/88	995		06/06/88	135
					NR	03/06/88	1050			NR
					NR	06/06/88	971			NR
					NR	06/06/88	944			NR
					NR	06/06/88	961			NR
FVANADI	PPB	5		02/09/88	27	03/06/88	5		03/23/88	24
				06/07/88	26	03/06/88	5		06/06/88	27
					NR	03/06/88	7			NR
					NR	06/06/88				NR
					NR	06/06/88				NR
					NR	06/06/88				NR
FZINC	PPB	5		02/09/88	6	03/06/88	6		03/23/88	
				06/07/88	27	03/06/88	7		06/06/88	
					NR	03/06/88	7			NR
					NR	06/06/88	8			NR
					NR	06/06/88	7			NR
					NR	06/06/88	7			NR

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-49-79	SAMPLE DATE	6-50-53	SAMPLE DATE	6-50-85
HNITRAT	PPB	2500	45000	02/09/88	35700	03/06/88	531000 *	02/19/88	22000
				06/07/88	38400	04/15/88	506000 *	06/06/88	22800
I-129DW	PCI/L	1			NR	04/15/88	0.27		NR
							(0.21)		
LFLUORD	PPB	50	4000	02/09/88	262	03/06/88	252	03/23/88	224
				06/07/88	287	03/06/88	250	06/06/88	256
					NR	03/06/88	257		NR
					NR	06/06/88	273		NR
					NR	06/06/88	278		NR
					NR	06/06/88	279		NR
NITRATE	PPB	500	45000	02/09/88	38100	03/06/88	538000 *	03/23/88	24900
				06/07/88	40100	03/06/88	533000 *	06/06/88	24600
					NR	03/06/88	509000 *		NR
					NR	06/06/88	559000 *		NR
					NR	06/06/88	557000 *		NR
					NR	06/06/88	554000 *		NR
PH-LAB		0.01		02/09/88	7.75	03/06/88	7.73	03/23/88	8.10

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-49-79	SAMPLE DATE	6-50-53	SAMPLE DATE	6-50-85
PH-LAB		0.01		06/07/88	8	06/06/88	7.70	06/06/88	7.90
PHFIELD		0.10		02/09/88	8.10	03/06/88	8.20	03/23/88	8.30
				06/07/88	8.10	06/06/88	7.50	06/06/88	7.70
SULFATE	PPB	500		02/09/88	42200	03/06/88	434000	03/23/88	20800
				06/07/88	43300	03/06/88	426000	06/06/88	19600
					NR	03/06/88	405000		NR
					NR	06/06/88	396000		NR
					NR	06/06/88	394000		NR
					NR	06/06/88	393000		NR
TC	PPB	2000		02/09/88	23600	03/06/88	17200	03/23/88	28600
				06/07/88	22700	06/06/88	15900	06/06/88	27800
TC-99	PCI/L	15	900		NR	03/06/88	26500 * (29)		NR
					NR	04/15/88	28000 * (29.50)		NR
TRITIUM	PCI/L	500	20000	02/09/88		03/06/88	3070 (280)	02/19/88	
				06/07/88		04/15/88	3270 (200)	06/06/88	
					NR	04/15/88	3410 (203)		NR

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-53-47A	SAMPLE DATE	6-53-48B	SAMPLE DATE	6-55-50C
ALKALIN				01/06/88	149000 @		NR	03/06/88	113000 @
					NR		NR	06/30/88	265000 @
ALPHA	PCI/L	4	15	01/07/88	3.94	01/07/88		03/06/88	
					(0.87)				
				02/03/88	1.60	05/23/88		03/06/88	1.12
					(0.57)				(0.49)
				03/17/88	1.80		NR	06/02/88	1.33
					(0.61)				(0.50)
				04/07/88	1.66		NR	06/30/88	
					(0.57)				
				05/04/88	1.75		NR		NR
					(0.57)				
				06/06/88	2.70		NR		NR
					(0.73)				
AMMONIU	PPB	50		01/06/88	341		NR	03/06/88	
					NR		NR	06/30/88	
BARIUM	PPB	6	1000	01/06/88	61		NR		NR
BETA	PCI/L	8	50	01/07/88	137 +	01/07/88	475 +	03/06/88	4.30
					(7.82)		(29.90)		(3.68)
				02/03/88	105 +	05/23/88	857 +	03/06/88	7.10
					(6.90)		(41.60)		(2.01)
				03/17/88	92.70 +		NR	06/02/88	3.93
					(6.45)				(1.65)
				04/07/88	68.30 +		NR	06/30/88	5.22
					(5.63)				(3.53)
				05/04/88	100 +		NR		NR
					(6.98)				
				06/06/88	109 +		NR		NR
					(7.14)				
CALCIUM	PPB	50		01/06/88	46000		NR		NR
CHLORID	PPB	500		01/06/88	6190		NR	03/06/88	5670
					NR		NR	06/30/88	6150
CONDFLD	µMHO	1		01/06/88	362	01/06/88		03/06/88	185
					NR		NR	06/30/88	178

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-53-47A	SAMPLE DATE	6-53-48B	SAMPLE DATE	6-55-50C
CS-137	PCI/L	20	200	01/07/88		01/07/88		03/06/88	
				02/03/88		05/23/88		06/02/88	
				03/17/88			NR		NR
				04/07/88	4.89		NR		NR
					(4.63)				
				05/04/88			NR		NR
				06/06/88			NR		NR
FBARIUM	PPB	6	1000	01/06/88	63		NR	03/06/88	12
					NR		NR	06/30/88	12
FCALCIU	PPB	50		01/06/88	49000		NR	03/06/88	32400
					NR		NR	06/30/88	33400
FMAGNES	PPB	50		01/06/88	14100		NR	03/06/88	9720
					NR		NR	06/30/88	9620
FMANGAN	PPB	5		01/06/88	77		NR	03/06/88	

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-53-47A	SAMPLE DATE	6-53-48B	SAMPLE DATE	6-55-50C
FMANGAN	PPB	5			NR		NR	06/30/88	
FPOTASS	PPB	100		01/06/88	4360		NR	03/06/88	4580
					NR		NR	06/30/88	4230
FSODIUM	PPB	200		01/06/88	7100		NR	03/06/88	5650
					NR		NR	06/30/88	4920
FSTRONT	PPB	10		01/06/88	291		NR	03/06/88	146
					NR		NR	06/30/88	138
FVANADI	PPB	5		01/06/88			NR	03/06/88	6
					NR		NR	06/30/88	9
FZINC	PPB	5		01/06/88	12		NR	03/06/88	
					NR		NR	06/30/88	
IRON	PPB	50		01/06/88	553		NR		NR
LFLUORD	PPB	50	4000		NR		NR	03/06/88	184
					NR		NR	06/30/88	187
MAGNES	PPB	0		01/06/88	13600		NR		NR
MANGESE	PPB	5		01/06/88	60		NR		NR
NITRATE	PPB	500	45000	01/06/88	5690		NR	03/06/88	1540
					NR		NR	06/30/88	1530
PH-LAB		0.01		01/06/88	7.59		NR	03/06/88	8.16
					NR		NR	06/30/88	8.20
PHFIELD		0.10		01/06/88	7.20	01/06/88		03/06/88	8.80
					NR		NR	06/30/88	7.50
POTASUM	PPB	100		01/06/88	4500		NR		NR
RU-106	PCI/L	172.50	30	01/07/88		01/07/88		03/06/88	
				02/03/88		05/23/88		06/02/88	50.70 *
									(43.60)
				03/17/88			NR		NR
				04/07/88			NR		NR
				05/04/88			NR		NR
				06/06/88			NR		NR
SODIUM	PPB	200		01/06/88	7040		NR		NR

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-53-47A	SAMPLE DATE	6-53-48B	SAMPLE DATE	6-55-50C
SR 90	PCI/L	5	8	01/07/88	77.10 * (4.56)	01/07/88	276 * (41.20)	03/06/88	
				02/03/88	46.50 * (3.51)	05/23/88	477 * (51.20)	06/02/88	
				03/17/88	59.60 * (4.18)		NR		NR
				04/07/88	38.70 * (3.15)		NR		NR
				05/04/88	52.10 * (3.73)		NR		NR
				06/06/88	42.50 * (3.56)		NR		NR
SULFATE	PPB	500		01/06/88	42100		NR	03/06/88	16700
					NR		NR	06/30/88	15600
TC	PPB	2000		01/06/88	34900		NR	03/06/88	27800
					NR		NR	06/30/88	27600
U	PCI/L	0.50	600		NR		NR	03/06/88	0.82
					NR		NR	06/02/88	0.81

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-53-47A	SAMPLE DATE	6-53-48B	SAMPLE DATE	6-55-50C
ZINC	PPB	5		01/06/88	9		NR		NR

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-55-76	SAMPLE DATE	6-65-72	SAMPLE DATE	6-65-83
ALKALIN				02/12/88	103000 @	02/24/88	118000 @	02/23/88	113000 @
				06/06/88	92700 @	06/06/88	120000 @	06/22/88	115000 @
ALPHA	PCI/L	4	15	02/12/88		02/24/88	1.42	02/23/88	0.86
							(1.23)		(0.43)
				06/06/88		06/06/88		02/23/88	
					NR		NR	06/22/88	0.75
									(0.42)
					NR		NR	06/22/88	
AMMONIU	PPB	50		02/12/88		02/24/88		02/23/88	51
				02/12/88		06/06/88		06/22/88	
				02/12/88			NR		NR
				06/06/88			NR		NR
BETA	PCI/L	8	50	02/12/88	7.56	02/24/88	22.60	02/23/88	9.27
					(3.90)		(3.25)		(2.20)
				06/06/88	6.27	02/24/88	25.60	02/23/88	10.50
					(3.66)		(5.73)		(4.03)
					NR	06/06/88	25.50	06/22/88	9.02
							(3.56)		(2.24)
					NR	06/06/88	25.80	06/22/88	13.50
							(5.41)		(4.40)
CHLORID	PPB	500		02/12/88	24500	02/24/88	9650	02/23/88	6050
				06/06/88	23900	06/06/88	9890	06/22/88	6760
CONDFLD	µMHO	1		02/12/88	332	02/24/88	306	06/22/88	302
				06/06/88	307	06/06/88	327		NR
CYANIDE	PPB	10		02/12/88		02/24/88		02/23/88	
				06/06/88		06/06/88	13	06/22/88	
FBARIUM	PPB	6	1000	02/12/88	24	02/24/88	20	02/23/88	9
				06/06/88	27	06/06/88	21	06/22/88	9
FCALCIU	PPB	50		02/12/88	37300	02/24/88	36100	02/23/88	33900
				06/06/88	39700	06/06/88	38100	06/22/88	36000
FCHROMI	PPB	10	50	02/12/88		02/24/88	10	02/23/88	25
				06/06/88		06/06/88		06/22/88	24
FLUORID	PPB	500	4000	02/12/88		02/24/88		02/23/88	
				06/06/88		06/06/88	664	06/22/88	

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-55-76	SAMPLE DATE	6-65-72	SAMPLE DATE	6-65-83
FMAGNES	PPB	50		02/12/88	15000	02/24/88	11000	02/23/88	10300
				06/06/88	16400	06/06/88	11700	06/22/88	10900
FMANGAN	PPB	5		02/12/88	20	02/24/88		02/23/88	
				06/06/88	30	06/06/88		06/22/88	
FPOTASS	PPB	100		02/12/88	4500	02/24/88	6070	02/23/88	7140
				06/06/88	4670	06/06/88	6440	06/22/88	7880
FSODIUM	PPB	200		02/12/88	9270	02/24/88	23300	02/23/88	15100
				06/06/88	10100	06/06/88	26000	06/22/88	16400
FSTRONT	PPB	10		02/12/88	187	02/24/88	168	02/23/88	138
				06/06/88	192	06/06/88	177	06/22/88	146
FVANADI	PPB	5		02/12/88	6	02/24/88	20	02/23/88	29
				06/06/88	7	06/06/88	18	06/22/88	29
FZINC	PPB	5		02/12/88		02/24/88		02/23/88	
				06/06/88		06/06/88		06/22/88	6

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-55-76	SAMPLE DATE	6-65-72	SAMPLE DATE	6-65-83
HNITRAT	PPB	2500	45000	02/12/88	6240	02/24/88	19800	02/23/88	4200
				06/06/88	3360	06/06/88	20400	06/22/88	5110
LFLUORD	PPB	50	4000	02/12/88	184	02/24/88	577	02/23/88	339
				06/06/88	218	06/06/88	637	06/22/88	353
NITRATE	PPB	500	45000	02/12/88	5980	02/24/88	24400	02/23/88	4910
				06/06/88	4370	06/06/88	21300	06/22/88	3890
PH-LAB		0.01		02/12/88	7.94	02/24/88	7.62	02/23/88	7.75
				06/06/88	7.90	06/06/88	7.70	06/22/88	7.90
PHFIELD		0.10		02/12/88	7.50	02/24/88	8.20	06/22/88	7.60
				06/06/88	7.70	06/06/88	7.50		NR
SULFATE	PPB	500		02/12/88	47300	02/24/88	42200	02/23/88	40100
				06/06/88	43000	06/06/88	38800	06/22/88	39200
TC	PPB	2000		02/12/88	23600	02/24/88	28500	02/23/88	27100
				06/06/88	21600	06/06/88	28200	06/22/88	27900
TRITIUM	PCI/L	500	20000		NR	02/24/88	3090	02/23/88	1000
							(286)		(228)
					NR	06/06/88	3230	06/22/88	943
							(293)		(221)
U	PCI/L	0.50	600		NR	02/24/88	1.71		NR
					NR	06/06/88	1.62		NR

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-67-86	SAMPLE DATE	6-70-68	SAMPLE DATE	6-71-30
ALKALIN				02/23/88	114000 a	02/29/88	114000 a	03/02/88	199000 a
				06/22/88	119000 a	06/22/88	116000 a	06/24/88	198000 a
ALPHA	PCI/L	4	15	02/23/88	0.85	02/29/88	1.29	03/02/88	10.20
					(0.43)		(1.06)		(1.37)
				02/23/88		06/22/88		03/02/88	7.71
									(3.02)
				06/22/88	1.07		NR	05/20/88	8.97
					(0.48)				(1.29)
				06/22/88			NR	06/24/88	6.49
									(2.43)
BETA	PCI/L	8	50	02/23/88	4.91	02/29/88	12.70	03/02/88	8.84
					(1.76)		(2.50)		(2.37)
				02/23/88	6.98	02/29/88	30.90	03/02/88	6.71
					(3.78)		(5.91)		(4.36)
				06/22/88	6.50	06/22/88	14.40	05/20/88	8.98
					(2.03)		(2.70)		(2.39)
				06/22/88	12	06/22/88	16.60	06/24/88	10
					(4.35)		(4.53)		(4.47)
CHLORID	PPB	500		02/23/88	4860	02/29/88	5350	03/02/88	23600
				06/22/88	5190	06/22/88	5770	06/24/88	23100
CONDFLD	µMHO	1		06/22/88	294	02/29/88	208	03/02/88	333
					NR	06/22/88	233	06/24/88	563
FARSENI	PPB	5	50	02/23/88		02/29/88		03/02/88	6
				06/22/88		06/22/88		06/24/88	
FBARIUM	PPB	6	1000	02/23/88	13	02/29/88	15	03/02/88	46
				06/22/88	14	06/22/88	13	06/24/88	41
FCALCIU	PPB	50		02/23/88	32200	02/29/88	29100	03/02/88	69000
				06/22/88	33300	06/22/88	29600	06/24/88	65700
FCHROMI	PPB	10	50	02/23/88	20	02/29/88		03/02/88	
				06/22/88	21	06/22/88		06/24/88	
FCOPPER	PPB	10	(1300.0)	02/23/88	12	02/29/88		03/02/88	
				06/22/88		06/22/88		06/24/88	
FMAGNES	PPB	50		02/23/88	8990	02/29/88	8350	03/02/88	16000
				06/22/88	9340	06/22/88	8400	06/24/88	15900

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-67-86	SAMPLE DATE	6-70-68	SAMPLE DATE	6-71-30
FPOTASS	PPB	100		02/23/88	5670	02/29/88	4890	03/02/88	5800
				06/22/88	6080	06/22/88	5000	06/24/88	6090
FSODIUM	PPB	200		02/23/88	15700	02/29/88	13200	03/02/88	47400
				06/22/88	15700	06/22/88	13600	06/24/88	48400
FSTRONT	PPB	10		02/23/88	132	02/29/88	114	03/02/88	533
				06/22/88	136	06/22/88	113	06/24/88	519
FVANADI	PPB	5		02/23/88	19	02/29/88	7	03/02/88	10
				06/22/88	20	06/22/88	10	06/24/88	8
FZINC	PPB	5		02/23/88		02/29/88		03/02/88	
				06/22/88	8	06/22/88		06/24/88	
HNITRAT	PPB	2500	45000	02/23/88	2720	02/29/88	3810	03/02/88	29000
				06/22/88	3070	06/22/88	3820	05/20/88	28200
LFLUORD	PPB	50	4000	02/23/88	393	02/29/88	340	03/02/88	431
				06/22/88	384	06/22/88	254	06/24/88	391

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-67-86	SAMPLE DATE	6-70-68	SAMPLE DATE	6-71-30
NITRATE	PPB	500	45000	02/23/88	3000	02/29/88	3780	03/02/88	29800
				06/22/88	3000	06/22/88	3720	06/24/88	29700
PH-LAB		0.01		02/23/88	7.49	02/29/88	7.66	03/02/88	7.61
				06/22/88	7.80	06/22/88	7.90	06/24/88	7.90
PHFIELD		0.10		06/22/88	7.50	02/29/88	8.60	03/02/88	7.90
					NR	06/22/88	7.50	06/24/88	7.50
SULFATE	PPB	500		02/23/88	37800	02/29/88	19500	03/02/88	82100
				06/22/88	37300	06/22/88	17900	06/24/88	75000
TC	PPB	2000		02/23/88	27900	02/29/88	28700	03/02/88	50600
				06/22/88	28500	06/22/88	28100	06/24/88	49700
TC-99	PCI/L	15	900		NR	02/29/88	59		NR
							(1.79)		
TRITIUM	PCI/L	500	20000	02/23/88	872	02/29/88	1850	03/02/88	
					(225)		(256)		
				06/22/88	1110	06/22/88	1790	05/20/88	
					(225)		(245)		
U	PCI/L	0.50	600		NR	02/29/88	1.26		NR
					NR	06/22/88	0.63		NR

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-71-52	SAMPLE DATE	6-71-77	SAMPLE DATE	6-72-73
ALKALIN				02/29/88	114000 @	02/24/88	120000 @	02/29/88	114000 @
				06/20/88	115000 @	06/20/88	125000 @	06/24/88	112000 @
ALPHA	PCI/L	4	15	02/29/88	1.74	02/24/88	1.26	02/29/88	1.55
					(1.29)		(1.13)		(0.55)
				06/20/88	1.60	06/20/88		02/29/88	
					(1.16)				
					NR		NR	06/24/88	1.09
									(0.96)
AMMONIU	PPB	50		02/29/88		02/24/88	57	02/29/88	
				06/20/88		06/20/88		06/24/88	
BETA	PCI/L	8	50	02/29/88	4.43	02/24/88	38.40	02/29/88	14
					(1.70)		(4.14)		(2.61)
				02/29/88	7.43	02/24/88	31.80	02/29/88	10.40
					(4.33)		(6.02)		(4.37)
				06/20/88	4.54	06/20/88	26.40	06/24/88	19.70
					(1.78)		(3.55)		(4.87)
				06/20/88	8.13	06/20/88	30.20		NR
					(3.88)		(5.79)		
CHLORID	PPB	500		02/29/88	6960	02/24/88	4860	02/29/88	5270
				06/20/88	8530	06/20/88	5310	06/24/88	5890
CONDFLD	µMHO	1		02/29/88	252	02/24/88	269	02/29/88	211
				06/20/88	262	06/20/88	232	06/24/88	260
FBARIUM	PPB	6	1000	02/29/88	39	02/24/88	48	02/29/88	20
				06/20/88	35	06/20/88	64	06/24/88	19
FCALCIU	PPB	50		02/29/88	37300	02/24/88	36000	02/29/88	33200
				06/20/88	37000	06/20/88	34100	06/24/88	33900
FCHROMI	PPB	10	50	02/29/88	16	02/24/88		02/29/88	
				06/20/88	13	06/20/88		06/24/88	
FMAGNES	PPB	50		02/29/88	11600	02/24/88	9460	02/29/88	8600
				06/20/88	11500	06/20/88	10300	06/24/88	8950
FPOTASS	PPB	100		02/29/88	5780	02/24/88	4990	02/29/88	5240
				06/20/88	6020	06/20/88	5090	06/24/88	5670
FSODIUM	PPB	200		02/29/88	21300	02/24/88	15600	02/29/88	14000
				06/20/88	21000	06/20/88	15500	06/24/88	14900

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-71-52	SAMPLE DATE	6-71-77	SAMPLE DATE	6-72-73
FSTRONT	PPB	10		02/29/88	227	02/24/88	186	02/29/88	127
				06/20/88	234	06/20/88	220	06/24/88	131
FVANADI	PPB	5		02/29/88	17	02/24/88	19	02/29/88	15
				06/20/88	18	06/20/88	29	06/24/88	15
FZINC	PPB	5		02/29/88		02/24/88		02/29/88	5
				06/20/88		06/20/88		06/24/88	6
HNITRAT	PPB	2500	45000	02/29/88	7160	02/24/88	8350	02/29/88	4140
				06/20/88	7120	06/20/88	9260		NR
LFLUORD	PPB	50	4000	02/29/88	382	02/24/88	323	02/29/88	340
				06/20/88	373	06/20/88	346	06/24/88	342
NITRATE	PPB	500	45000	02/29/88	7720	02/24/83	10200	02/29/88	4030
				06/20/88	7260	06/20/88	11400	06/24/88	4080
PH-LAB		0.01		02/29/88	7.75	02/24/88	7.67	02/29/88	7.56
				06/20/88	7.90	06/20/88	7.80	06/24/88	7.90

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-71-52	SAMPLE DATE	6-71-77	SAMPLE DATE	6-72-73
PHFIELD		0.10		02/29/88	8.30	02/24/88	8.20	02/29/88	8.40
				06/20/88	7.90	06/20/88	7.50	06/24/88	7.50
SULFATE	PPB	500		02/29/88	52200	02/24/88	28200	02/29/88	20100
				06/20/88	48300	06/20/88	27200	06/24/88	18100
TC	PPB	2000		02/29/88	28200	02/24/88	29100	02/29/88	29100
				06/20/88	29500	06/20/88	32200	06/24/88	29400
TRITIUM	PCI/L	500	20000	02/29/88	1100	02/24/88	4320	02/29/88	1670
					(234)		(314)		(252)
				06/20/88	960	06/20/88	2520		NR
					(188)		(228)		
U	PCI/L	0.50	600	02/29/88	1.64	02/24/88	1.43		NR
				06/20/88	1.67	06/20/88	1.50		NR

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-73-61	SAMPLE DATE	6-74-44	SAMPLE DATE	6-77-36
ALKALIN				02/29/88	113000 @	03/01/88	93700 @	03/01/88	222000 @
				06/20/88	114000 @	06/20/88	92700 @	06/24/88	181000 @
ALPHA	PCI/L	4	15	02/29/88		03/01/88	2.41	03/01/88	10.80
							(0.69)		(3.91)
				06/20/88	2.14	03/01/88	1.53	06/24/88	5.74
					(1.26)		(1.19)		(2.76)
					NR	06/20/88	1.29		NR
							(0.50)		
					NR	06/20/88	1.21		NR
							(0.93)		
BETA	PCI/L	8	50	02/29/88	3.76	03/01/88	2.58	03/01/88	8.37
					(1.62)		(1.42)		(4.76)
				02/29/88		03/01/88		06/24/88	10.90
									(4.53)
				06/20/88	3.90	06/20/88	1.30		NR
					(1.69)		(1.26)		
				06/20/88	9.54	06/20/88	9.34		NR
					(4.46)		(3.90)		
CHLORID	PPB	500		02/29/88	5790	03/01/88	8530	03/01/88	24400
				06/20/88	6510	06/20/88	8480	06/24/88	21000
CONDFLD	µMHO	1		02/29/88	243	03/01/88	228	03/01/88	598
				06/20/88	242	06/20/88	199	06/24/88	623
FARSENI	PPB	5	50	02/29/88		03/01/88		03/01/88	6
				06/20/88		06/20/88	6	06/24/88	7
FBARIUM	PPB	6	1000	02/29/88	35	03/01/88	34	03/01/88	53
				06/20/88	32	06/20/88	30	06/24/88	48
FCALCIU	PPB	50		02/29/88	37900	03/01/88	22400	03/01/88	58300
				06/20/88	36900	06/20/88	21900	06/24/88	57300
FCHROMI	PPB	10	50	02/29/88	15	03/01/88		03/01/88	
				06/20/88	12	06/20/88		06/24/88	
FLUORID	PPB	500	4000	02/29/88		03/01/88		03/01/88	548
				06/20/88		06/20/88		06/24/88	625
FMAGNES	PPB	50		02/29/88	10200	03/01/88	8950	03/01/88	17500
				06/20/88	10100	06/20/88	8570	06/24/88	17000

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-73-61	SAMPLE DATE	6-74-44	SAMPLE DATE	6-77-36	
FMANGAN	PPB	5		02/29/88	9	03/01/88		03/01/88		
				06/20/88	6	06/20/88		06/24/88		
FPOTASS	PPB	100		02/29/88	4820	03/01/88	2870	03/01/88	5860	
				06/20/88	5000	06/20/88	2750	06/24/88	5800	
FSODIUM	PPB	200		02/29/88	17400	03/01/88	24900	03/01/88	69900	
				06/20/88	16900	06/20/88	22900	06/24/88	67100	
FSTRONT	PPB	10		02/29/88	207	03/01/88	239	03/01/88	507	
				06/20/88	209	06/20/88	233	06/24/88	481	
FVANADI	PPB	5		02/29/88	11	03/01/88	8	03/01/88	14	
				06/20/88	14	06/20/88	14	06/24/88	18	
FZINC	PPB	5		02/29/88	148	03/01/88		03/01/88	8	
				06/20/88	152	06/20/88		06/24/88		
HNITRAT	PPB	2500	45000	02/29/88	9160	03/01/88	6190	03/01/88	66700	*
				06/20/88	8950	06/20/88	5820		NR	

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-73-61	SAMPLE DATE	6-74-44	SAMPLE DATE	6-77-36	
LFLUORD	PPB	50	4000	02/29/88	295	03/01/88	313	03/01/88	610	
				06/20/88	308	06/20/88	306	06/24/88	594	
METHYCH	PPB	5		02/29/88		03/01/88		03/01/88		
				06/20/88	67	06/20/88		06/24/88		
					NR		NR	06/24/88		
					NR		NR	06/24/88		
NITRATE	PPB	500	45000	02/29/88	9740	03/01/88	7840	03/01/88	67100	*
				06/20/88	9550	06/20/88	6010	06/24/88	57800	*
PH-LAB		0.01		02/29/88	7.63	03/01/88	8.09	03/01/88	7.53	
				06/20/88	7.80	06/20/88	8.20	06/24/88	7.80	
PHFIELD		0.10		02/29/88	8.30	03/01/88	9	03/01/88	8.40	
				06/20/88	7.70	06/20/88	8.40	06/24/88	7.40	
SULFATE	PPB	500		02/29/88	40900	03/01/88	41100	03/01/88	63100	
				06/20/88	40800	06/20/88	34100	06/24/88	52700	
TC	PPB	2000		02/29/88	27800	03/01/88	22900	03/01/88	56000	
				06/20/88	29700	06/20/88	23200	06/24/88	57000	
TOXLDL	PPB	10		02/29/88		03/01/88		03/01/88	30.20	
				06/20/88	26.90	06/20/88		06/24/88	29.90	
TRICENE	PPB	10	5	02/29/88		03/01/88		03/01/88	32	*
				06/20/88		06/20/88		06/24/88	35	*
					NR		NR	06/24/88	35	*
					NR		NR	06/24/88	35	*
U	PCI/L	0.50	600	02/29/88	1.39		NR		NR	
				06/20/88	1.51		NR		NR	

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-78-62	SAMPLE DATE	6-83-47	SAMPLE DATE	6-96-49
ALKALIN				03/02/88	112000 @	01/07/88	122000 @	03/07/88	95300 @
				06/30/88	112000 @	03/02/88	118000 @	06/17/88	92900 @
					NR	06/30/88	109000 @		NR
ALPHA	PCI/L	4	15	03/02/88	2.23	01/07/88	4.56	03/07/88	1.29
					(1.35)		(1.89)		(0.54)
				06/30/88	1.92	03/02/88	3.86	03/07/88	2.02
					(1.21)		(1.80)		(1.37)
					NR	06/30/88	3.79	06/17/88	0.90
							(1.74)		(0.48)
					NR		NR	06/17/88	1.84
									(1.34)
BETA	PCI/L	8	50	03/02/88	8.71	01/07/88	4.97	03/07/88	5.55
					(4.31)		(3.53)		(1.83)
				06/30/88	4.73	03/02/88	5.81	03/07/88	7.55
					(3.64)		(3.80)		(3.96)
					NR	06/30/88	6.28	06/17/88	4.08
							(3.82)		(1.71)
					NR		NR	06/17/88	9.15
									(3.93)
CHLORID	PPB	500		03/02/88	6820	01/07/88	5610	03/07/88	16500
				06/30/88	7210	03/02/88	5460	06/17/88	16400
					NR	06/30/88	5780		NR
CONDFLD	µMHO	1		03/02/88	195	01/07/88	262	03/07/88	211
				06/30/88	282	03/02/88	198	06/17/88	302
					NR	06/30/88	234		NR
FARSENI	PPB	5	50	03/02/88		01/07/88		03/07/88	
				06/30/88	5	03/02/88		06/17/88	
					NR	06/30/88	6		NR
FBARIUM	PPB	6	1000	03/02/88	31	01/07/88	35	03/07/88	86
				06/30/88	28	03/02/88	36	06/17/88	78
					NR	06/30/88	39		NR
FCALCIU	PPB	50		03/02/88	41800	01/07/88	37700	03/07/88	47400
				06/30/88	38500	03/02/88	35900	06/17/88	46800
					NR	06/30/88	34700		NR

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-78-62		SAMPLE DATE	6-83-47	SAMPLE DATE	6-96-49	
FCHROMI	PPB	10	50	03/02/88	106	*	01/07/88	50	03/07/88	75	*
				06/30/88	88	*	03/02/88	46	06/17/88	67	*
					NR		06/30/88	44		NR	
FLUORID	PPB	500	4000	03/02/88			01/07/88	551	03/07/88		
				06/30/88	511		03/02/88		06/17/88		
					NR		06/30/88			NR	
FMAGNES	PPB	50		03/02/88	11200		01/07/88	11600	03/07/88	10900	
				06/30/88	11100		03/02/88	10600	06/17/88	11000	
					NR		06/30/88	11000		NR	
FMANGAN	PPB	5		03/02/88			01/07/88		03/07/88	7	
				06/30/88			03/02/88		06/17/88	5	
					NR		06/30/88			NR	
FPOTASS	PPB	100		03/02/88	4390		01/07/88	4020	03/07/88	5340	
				06/30/88	4860		03/02/88	3540	06/17/88	5480	

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-78-62	SAMPLE DATE	6-83-47	SAMPLE DATE	6-96-49
FPOTASS	PPB	100			NR	06/30/88	3870		NR
FSODIUM	PPB	200		03/02/88	15400	01/07/88	20000	03/07/88	12800
				06/30/88	16800	03/02/88	17900	06/17/88	12700
					NR	06/30/88	19400		NR
FSTRONT	PPB	10		03/02/88	251	01/07/88	268	03/07/88	253
				06/30/88	241	03/02/88	252	06/17/88	255
					NR	06/30/88	250		NR
FVANADI	PPB	5		03/02/88	14	01/07/88	16	03/07/88	11
				06/30/88	9	03/02/88	12	06/17/88	11
					NR	06/30/88	12		NR
FZINC	PPB	5		03/02/88	66	01/07/88		03/07/88	
				06/30/88	89	03/02/88		06/17/88	
					NR	06/30/88			NR
HNITRAT	PPB	2500	45000	03/02/88	8410		NR	03/07/88	14400
					NR		NR	06/17/88	12600
LFLUORD	PPB	50	4000	03/02/88	407	01/07/88	415	03/07/88	265
				06/30/88	376	03/02/88	438	06/17/88	257
					NR	06/30/88	420		NR
NI-63	PCI/L	10	50		NR		NR	03/07/88	6.13
									(1.50)
					NR		NR	06/17/88	2.17
									(1.40)
NITRATE	PPB	500	45000	03/02/88	8330	01/07/88	5940	03/07/88	15500
				06/30/88	8480	03/02/88	5950	06/17/88	13100
					NR	06/30/88	5910		NR
PH-LAB		0.01		03/02/88	7.80	01/07/88	7.98	03/07/88	8.09
				06/30/88	7.90	03/02/88	7.88	06/17/88	8
					NR	06/30/88	8		NR
PHFIELD		0.10		03/02/88	8.20	01/07/88	8.20	03/07/88	8.10
				06/30/88	6.70	03/02/88	8.40	06/17/88	7.90
					NR	06/30/88	7.30		NR
SULFATE	PPB	500		03/02/88	56900	01/07/88	51900	03/07/88	63000
				06/30/88	55300	03/02/88	50300	06/17/88	57000
					NR	06/30/88	48300		NR

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-78-62	SAMPLE DATE	6-83-47	SAMPLE DATE	6-96-49
TC	PPB	2000		03/02/88	28000	01/07/88	26100	03/07/88	23000
				06/30/88	28300	03/02/88	29600	06/17/88	24100
					NR	06/30/88	29600		NR
TRITIUM	PCI/L	500	20000		NR	03/02/88	765	03/07/88	13400
							(219)		(482)
					NR		NR	06/17/88	13100
									(403)
U	PCI/L	0.50	600		NR		NR	03/07/88	1.21
					NR		NR	06/17/88	0.83

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-97-43		SAMPLE DATE	6-97-51A		SAMPLE DATE	6-101-48B	
ALKALIN				03/07/88	120000	@	03/07/88	88800	@	03/07/88	81900	@
				06/17/88	121000	@	06/17/88	88100	@	06/17/88	78700	@
ALPHA	PCI/L	4	15	03/07/88	2.27		03/07/88	0.91		03/07/88	0.48	
					(0.68)			(0.45)			(0.37)	
				03/07/88	1.52		03/07/88	1.49		03/07/88		
					(1.20)			(1.23)				
				06/17/88	1.95		06/17/88	1.33		06/17/88	0.46	
					(0.63)			(0.52)			(0.35)	
				06/17/88	1.09		06/17/88			06/17/88		
					(0.96)							
BETA	PCI/L	8	50	03/07/88	6		03/07/88	3.44		03/07/88	2.18	
					(1.97)			(1.58)			(1.31)	
				03/07/88	5.22		03/07/88			03/07/88		
					(3.93)							
				06/17/88	5.34		06/17/88	3.56		06/17/88	2.73	
					(1.90)			(1.64)			(1.44)	
				06/17/88	6.07		06/17/88	4.15		06/17/88		
					(3.72)			(3.65)				
CHLORID	PPB	500		03/07/88	9720		03/07/88			03/07/88	949	
				06/17/88	10000		06/17/88	24200		06/17/88	919	
CONDFLD	µMHO	1		03/07/88	215		03/07/88	221		03/07/88	952	
				06/17/88	342		06/17/88	399		06/17/88	167	
FBARIUM	PPB	6	1000	03/07/88	50		03/07/88	89		03/07/88	20	
				06/17/88	47		06/17/88	85		06/17/88	17	
FCALCIU	PPB	50		03/07/88	45900		03/07/88	53700		03/07/88	24700	
				06/17/88	48100		06/17/88	56000		06/17/88	24700	
FCHROMI	PPB	10	50	03/07/88	185	*	03/07/88	98	*	03/07/88		
				06/17/88	192	*	06/17/88	95	*	06/17/88		
FMAGNES	PPB	50		03/07/88	10600		03/07/88	11900		03/07/88	6070	
				06/17/88	10900		06/17/88	12300		06/17/88	6020	
FPOTASS	PPB	100		03/07/88	4200		03/07/88	3650		03/07/88	2420	
				06/17/88	4370		06/17/88	3660		06/17/88	2400	
FSODIUM	PPB	200		03/07/88	22500		03/07/88	11700		03/07/88	4400	
				06/17/88	22400		06/17/88	11400		06/17/88	4220	

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-97-43	SAMPLE DATE	6-97-51A	SAMPLE DATE	6-101-48B
FSTRONT	PPB	10		03/07/88	223	03/07/88	244	03/07/88	111
				06/17/88	230	06/17/88	251	06/17/88	112
FVANADI	PPB	5		03/07/88		03/07/88		03/07/88	10
				06/17/88		06/17/88		06/17/88	12
FZINC	PPB	5		03/07/88		03/07/88	6	03/07/88	
				06/17/88		06/17/88	6	06/17/88	
HNITRAT	PPB	2500	45000	03/07/88	20000	03/07/88	20700	03/07/88	
				06/17/88	18500	06/17/88	19900	06/17/88	
LFLUORD	PPB	50	4000	03/07/88	291	03/07/88	271	03/07/88	161
				06/17/88	283	06/17/88	262	06/17/88	157
NI-63	PCI/L	10	50		NR	03/07/88	5.86		NR
							(1.52)		
					NR	06/17/88			NR
NITRATE	PPB	500	45000	03/07/88	21300	03/07/88	22200	03/07/88	917

TABLE E.3. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-97-43	SAMPLE DATE	6-97-51A	SAMPLE DATE	6-101-48B
NITRATE	PPB	500	45000	06/17/88	19000	06/17/88	20800	06/17/88	1230
PH-LAB		0.01		03/07/88	7.88	03/07/88	7.61	03/07/88	7.85
				06/17/88	7.90	06/17/88	7.60	06/17/88	7.80
PHFIELD		0.10		03/07/88	7.70	03/07/88	7.40	03/07/88	8
				06/17/88	7.50	06/17/88	7.30	06/17/88	7.70
SULFATE	PPB	500		03/07/88	62600	03/07/88	80900	03/07/88	12200
				06/17/88	57800	06/17/88	74400	06/17/88	11000
TC	PPB	2000		03/07/88	29800	03/07/88	22400	03/07/88	20100
				06/17/88	30800	06/17/88	24000	06/17/88	21100
TRITIUM	PCI/L	500	20000	03/07/88	10100	03/07/88	15000	03/07/88	
					(429)		(507)		
				06/17/88	9250	06/17/88	14200	06/17/88	
					(349)		(417)		
U	PCI/L	0.50	600		NR	03/07/88	1.30		NR
					NR	06/17/88	1.33		NR

- VALUE EXCEEDS PRIMARY DRINKING WATER STANDARD.
\# - VALUE EXCEEDS PROPOSED PRIMARY DRINKING WATER STANDARD.
\+ - VALUE EXCEEDS SCREENING LEVEL FOR FURTHER INVESTIGATION.
@ - DETECTION LIMIT WAS NOT AVAILABLE FOR COMPARISON
NR - ANALYSIS NOT REQUESTED OR NOT YET REPORTED
VALUES IN ( ) ARE COUNTING ERRORS FOR RADIONUCLIDES
WATER STANDARD(S) IN PARENTHESES ARE PROPOSED ONLY
$

Job DN_ANA (queue SYS$BATCH_Y, entry 1575) completed
$

TABLE E.4. Analytical Plans for Compliance Monitoring Networks

COMP=1301-N

	W E L L N A M E	A L K A L I N I T Y	A L U M I N U M	A M M O N I A	A N T I M O N Y	A R S E N I C	B A R I U M	B E R Y L L I U M	B I C A R B O N A T E	B O R O N	C A D M I U M	C A L C I U M	C A R B O N A T E	C H L O R I D E	C H R O M I U M	C O B A L T	C O P P E R	F L U O R I D E	G R O S S A L P H A	H A R D N E S S	I O D I D E	I R O N	L E A D	M A G N E S I U M	M A N G A N E S E	M E R C U R Y	M O L Y B D E N U M	N I C K E L	N I T R A T E	N I T R O G E N	P E R C H L O R A T E	P H E N O L S	P H O S P H O R U S	P O T A S S I U M	R A D I U M 2 2 6	R A D I U M 2 2 8	S E L E N I U M	S I L I C A	S I L V E R	S O D I U M	S T R O N T I U M	S U L F A T E	T H A L L I U M	T H O R I U M	T I N	T O T A L D I S S O L V E D S O L I D S	U R A N I U M	V A N A D I U M	Z I N C
1-N-2		X		X X			X	X X	X		X X	X		X	X	X	X	X	X X			X	X X X X X X X X X X X X X X																							
1-N-3		X		X X				X X	X		X X	X		X	X	X	X	X	X X			X	X X	X	X X X X X X																							
1-N-4		X		X X			X	X X	X		X X	X		X	X	X	X	X	X X			X	X X	X	X X X X X X																							
1-N-14		X		X X			X	X X	X		X X	X		X	X	X	X	X	X X			X	X X X X X X X X X X X X X X																							
1-N-49		X		X X			X	X X	X		X X	X		X	X	X	X	X	X X			X	X X	X	X X X X X X																							

COMP=1324-N

	W E L L N A M E	A L K A L I N I T Y	A L U M I N U M	A M M O N I A	A N T I M O N Y	A R S E N I C	B A R I U M	B E R Y L L I U M	B I C A R B O N A T E	B O R O N	C A D M I U M	C A L C I U M	C A R B O N A T E	C H L O R I D E	C H R O M I U M	C O B A L T	C O P P E R	F L U O R I D E	G R O S S A L P H A	H A R D N E S S	I O D I D E	I R O N	L E A D	M A G N E S I U M	M A N G A N E S E	M E R C U R Y	M O L Y B D E N U M	N I C K E L	N I T R A T E	N I T R O G E N	P E R C H L O R A T E	P H E N O L S	P H O S P H O R U S	P O T A S S I U M	R A D I U M 2 2 6	R A D I U M 2 2 8	S E L E N I U M	S I L I C A	S I L V E R	S O D I U M	S T R O N T I U M	S U L F A T E	T H A L L I U M	T H O R I U M	T I N	T O T A L D I S S O L V E D S O L I D S	U R A N I U M	V A N A D I U M	Z I N C
1-N-58	X		X X X			X	X X	X		X X	X		X	X	X	X	X		X			X X		X																							
1-N-59			X X X			X	X X	X		X X	X		X	X	X	X	X		X			X X		X																							
1-N-60			X X X			X	X X	X		X X	X		X	X	X	X	X		X			X X		X																							
1-N-61			X X X			X	X X	X		X X	X		X	X	X	X	X		X			X X		X																							

TABLE E.4. (contd)

COMP=1325-N

	W E L L N A M E	1-N-27	1-N-29	1-N-31	1-N-32	1-N-33	1-N-36	1-N-39	1-N-41	1-N-42	1-N-52	6-81-58
	A	X	X	X	X	X	X	X	X	X	X	X
	L	X	X	X	X	X	X	X	X	X	X	X
	K	X	X	X	X	X	X	X			X	X
	A	X	X	X	X	X	X	X	X	X	X	X
	L	X	X	X	X	X	X	X	X	X	X	X
	I	X	X	X	X	X	X	X	X	X	X	X
	N	X	X	X	X	X	X	X	X	X	X	X
	A	X	X	X	X	X	X	X	X	X	X	X
	C	X	X	X	X	X	X	X	X	X	X	X
	C	X	X	X	X	X	X	X	X	X	X	X
	C	X	X	X	X	X	X	X	X	X	X	X
	C	X	X	X	X	X	X	X	X	X	X	X
	E	X	X	X	X	X	X	X	X	X	X	X
	H	X	X	X	X	X	X	X	X	X	X	X
	L	X	X	X	X	X	X	X	X	X	X	X
	L	X	X	X	X	X	X	X	X	X	X	X
	L	X	X	X	X	X	X	X	X	X	X	X
	P	X	X	X	X	X	X	X	X	X	X	X
	P	X	X	X	X	X	X	X	X	X	X	X
	S	X	X	X	X	X	X	X	X	X	X	X
	A	X	X	X	X	X	X	X	X	X	X	X
	D	X	X	X	X	X	X	X	X	X	X	X
	T	X	X	X	X	X	X	X	X	X	X	X
	A	X	X	X	X	X	X	X	X	X	X	X
	N	X	X	X	X	X	X	X	X	X	X	X
	I	X	X	X	X	X	X	X	X	X	X	X
	I	X	X	X	X	X	X	X	X	X	X	X
	C	X	X	X	X	X	X	X	X	X	X	X
	C	X	X	X	X	X	X	X	X	X	X	X
	P	X	X	X	X	X	X	X	X	X	X	X
	P	X	X	X	X	X	X	X	X	X	X	X
	M	X	X	X	X	X	X	X	X	X	X	X
	O	X	X	X	X	X	X	X	X	X	X	X
	M	X	X	X	X	X	X	X	X	X	X	X
	M	X	X	X	X	X	X	X	X	X	X	X
	E	X	X	X	X	X	X	X	X	X	X	X
	P	X	X	X	X	X	X	X	X	X	X	X
	P	X	X	X	X	X	X	X	X	X	X	X
	E	X	X	X	X	X	X	X	X	X	X	X
	S	X	X	X	X	X	X	X	X	X	X	X
	M	X	X	X	X	X	X	X	X	X	X	X
	V	X	X	X	X	X	X	X	X	X	X	X
	H	X	X	X	X	X	X	X	X	X	X	X
	L	X	X	X	X	X	X	X	X	X	X	X
	O	X	X	X	X	X	X	X	X	X	X	X
	L	X	X	X	X	X	X	X	X	X	X	X
	B	X	X	X	X	X	X	X	X	X	X	X
	C	X	X	X	X	X	X	X	X	X	X	X
	A	X	X	X	X	X	X	X	X	X	X	X
	2	X	X	X	X	X	X	X	X	X	X	X
	I	X	X	X	X	X	X	X	X	X	X	X
	D	X	X	X	X	X	X	X	X	X	X	X
	R	X	X	X	X	X	X	X	X	X	X	X
	C	X	X	X	X	X	X	X	X	X	X	X
	T	X	X	X	X	X	X	X	X	X	X	X
	C	X	X	X	X	X	X	X	X	X	X	X
	A	X	X	X	X	X	X	X	X	X	X	X
	W	X	X	X	X	X	X	X	X	X	X	X
	3	X	X	X	X	X	X	X	X	X	X	X
	M	X	X	X	X	X	X	X	X	X	X	X
	0	X	X	X	X	X	X	X	X	X	X	X
	9	X	X	X	X	X	X	X	X	X	X	X
	M	X	X	X	X	X	X	X	X	X	X	X
	U	X	X	X	X	X	X	X	X	X	X	X
	M	X	X	X	X	X	X	X	X	X	X	X

TABLE E.4. (contd)

COMP=183-H

WELLNAME	ALKALIN	AMMONIU	CITRUSR	COLIFRM	CONDFLD	CONDLAB	CYANIDE	DIOXIN	ETHYGLY	HNITRAT	LFLUORD	LHYDRAZ	LPHENOL	PERCHLO	PHFIELD	PHLAB	SULFIDE	TC	TDS	TOC	TOX	TOXLDL	ANIONS	ANIONSE	DIRAQIN	HERB	HERBE	ICPMT	ICPMTE	ICPMTF	ICPMTFE	OMET	OMETE	OMETF	OMETFE	PCBS	PEST	PESTE	PHOSPST	SEMVOL	SEMVOLE	THIOE	VOLORG	VOLORGE	ALPHA	BETA	C14	GAMMA	I129DW	NI63	RADIUM	SR90	TC99	TRITIUM	U	UCHEM
1-H3-1	X	X	X	X	X		X				X			X	X	X		X	X	X	X		X		X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X		X			X	X	X	X		X
1-H3-2A	X	X		X	X						X		X		X	X		X	X	X	X		X			X		X	X	X	X	X		X			X						X		X	X					X		X			X
1-H3-2B	X	X		X	X						X		X		X	X		X	X	X	X		X			X		X	X	X	X	X		X			X						X		X	X					X		X			X
1-H3-2C	X	X		X	X						X		X		X	X		X	X	X	X		X			X		X	X	X	X	X		X			X						X		X	X					X		X			X
1-H4-3		X	X	X	X	X	X				X			X	X	X		X	X	X	X		X		X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X
1-H4-4	X	X		X	X						X		X		X	X		X	X	X	X		X			X		X	X	X	X	X		X			X						X		X	X		X			X		X	X		X
1-H4-5	X	X		X	X						X		X		X	X		X	X	X	X		X			X		X	X	X	X	X		X			X						X		X	X		X			X		X	X		X
1-H4-6	X	X		X	X						X		X		X	X		X	X	X	X		X			X		X	X	X	X	X		X			X						X		X	X		X			X		X	X		X
1-H4-7	X	X		X	X						X		X		X	X		X	X	X	X		X			X		X	X	X	X	X		X			X						X		X	X					X		X	X		X
1-H4-8	X	X		X	X						X		X		X	X		X	X	X	X		X			X		X	X	X	X	X		X			X						X		X	X					X		X			X
1-H4-9	X	X		X	X						X		X		X	X		X	X	X	X		X			X		X	X	X	X	X		X			X						X		X	X					X		X	X		X
1-H4-10	X	X		X	X						X		X		X	X		X	X	X	X		X			X		X	X	X	X	X		X			X						X		X	X					X		X	X		X
1-H4-11	X	X		X	X						X		X		X	X		X	X	X	X		X			X		X	X	X	X	X		X			X						X		X	X					X		X	X		X
1-H4-12A	X	X		X	X						X		X		X	X		X	X	X	X		X			X		X	X	X	X	X		X			X						X		X	X					X		X			X
1-H4-12B	X	X		X	X						X		X		X	X		X	X	X	X		X			X		X	X	X	X	X		X			X						X		X	X					X		X			X
1-H4-12C	X	X		X	X						X		X		X	X		X	X	X	X		X			X		X	X	X	X	X		X			X						X		X	X					X		X			X
1-H4-13	X	X		X	X						X		X		X	X		X	X	X	X		X			X		X	X	X	X	X		X			X						X		X	X					X		X			X
1-H4-14	X	X		X	X						X		X		X	X		X	X	X	X		X			X		X	X	X	X	X		X			X						X		X	X					X		X	X		X
1-H4-15A	X	X		X	X						X		X		X	X		X	X	X	X		X			X		X	X	X	X	X		X			X						X		X	X					X		X			X
1-H4-15B	X	X		X	X						X		X		X	X		X	X	X	X		X			X		X	X	X	X	X		X			X						X		X	X					X		X			X
1-H4-16		X		X	X						X		X		X	X		X	X	X	X		X			X		X	X	X	X	X		X			X						X		X	X					X		X	X		X
1-H4-17		X		X	X						X		X		X	X		X	X	X	X		X			X		X	X	X	X	X		X			X						X		X	X					X		X	X		X
1-H4-18	X	X		X	X						X		X		X	X		X	X	X	X		X			X		X	X	X	X	X		X			X						X		X	X					X		X	X		X

TABLE E.4. (contd)

COMP=2E-A368

```
W
E       A A C C C C C  E H L L L P P  S          A D        I           P  S    V       I        T
L       L M I O O O Y D T N F H P E H P U       T A N I     I I C     O     H S E  V O          R    R  U
L       K M T L N N A I H I L Y H R F H L       O N I R  H I C C P  O O M    P O E M T O L A    G 1 N A S T I
N       A O R I D D N O Y T U D E C I  F        X I O A H E C P P M O M M E P P E S M V H L O L B C A 2 I D R C T  C
A       L N U F F L I X G R O R N H E L I  T T T L O N Q E R P M M T M E E T C E S P V O I O R P E  M 9  I    I  H
M       I I S R L A D I L A R A O L L A D T D O O D N S I R B M T T F E T T F B S T S O L O R G H T 1 M D 6 U 9 9 U  E
E       N U R M D B E N Y T D Z L O D B E C S C X L S E N B E T E F E T E F E S T E T L E E G E A A 4 A W 3 M 0 9 M U M

2-E17-5  X X   X X   X     X        X X   X   X   X X X   X   X X X X X   X     X     X X   X X X X X X X   X X   X   X
2-E17-6  X X   X X   X     X X   X  X X   X   X   X X X       X X X X X   X           X     X X X X X         X X
2-E17-14   X   X X                  X     X   X   X X X   X   X X X X X   X     X     X     X X X X         X
2-E17-15   X   X X                  X     X   X   X X X   X   X X X X X   X     X     X     X X X X         X
2-E17-16   X   X X                  X     X   X   X X X   X   X X X X X   X     X     X     X X X X         X
2-E17-17   X   X X                  X     X   X   X X X   X   X X     X         X     X     X X X X         X
2-E17-18   X   X X                  X     X   X   X X X   X   X X X X X   X     X     X     X X X X         X
```

COMP=2E-GTF

```
  W
  E     A A C C C C C  E H L L L P P  S          A D        I           P  S    V       I        T
  L     L M I O O O Y D T N F H P E H P U       T A N I     I I C     O     H S E  V O          R    R  U
  L     K M T L N N A I H I L Y H R F H L       O N I R  H I C C P  O O M    P O E M T O L A    G 1 N A S T I
  N     A O R I D D N O Y T U D E C I  F        X I O A H E C P P M O M M E P P E S M V H L O L B C A 2 I D R C T  C
  A     L N U F F L I X G R O R N H E L I  T T T L O N Q E R P M M T M E E T C E S P V O I O R P E  M 9  I    I  H
  M     I I S R L A D I L A R A O L L A D T D O O D N S I R B M T T F E T T F B S T S O L O R G H T 1 M D 6 U 9 9 U  E
  E     N U R M D B E N Y T D Z L O D B E C S C X L S E N B E T E F E T E F E S T E T L E E G E A A 4 A W 3 M 0 9 M U M

2-E25-18 X X     X   X     X        X X   X   X   X X       X X X X X   X         X X   X X X X   X     X X X X
2-E25-22 X X     X   X     X        X X   X   X   X X X       X   X X X   X         X X   X X X X   X     X X X X
2-E25-25   X X X X   X X X          X   X X   X   X X X X X X X X X X X X X X X X X X X X X X X X X     X   X X
2-E25-26   X     X                  X     X   X   X X X       X X X X X X X X                         X       X X
2-E25-27   X     X                  X     X   X   X X X       X X X X X X X X                         X       X X
2-E25-28   X     X                  X     X   X   X X X       X X X X X X X X                         X       X X
2-E25-30   X X   X   X X X          X   X X   X   X X X X X X X X     X X     X X X X X X X X X       X       X X
2-E25-31   X X X X   X X X      X   X   X X   X   X X X X X X X X X X X X X X X X X X X X X X X X X   X     X X
2-E25-33   X X X X   X X X          X   X X   X   X X X X X X X X X X X X X X X X X X X X X X X X X   X     X X
```

TABLE E.4. (contd)

COMP=300 APT

WELL NAME	ALKALIN	AMMONIU	CITRUSR	COLIFRM	CONDFLD	CONDLAB	CYANIDE	DIOXIN	ETHYGLY	HNITRAT	LFLUORD	LHYDRAZ	LPHENOL	PERCHLO	PHFIELD	PH LAB	SULFIDE	TC	TDS	TOC	TOX	TOXLDL	ANIONS	ANIONSE	DIRAQIN	HERB	HERBE	ICPMT	ICPMTE	ICPMTF	ICPMTFE	OMET	OMETE	OMETF	OMETFE	PCBS	PEST	PESTE	PHOSPST	SEMVOL	SEMVOLE	THIOE	VOLORG	VOLORGE	ALPHA	BETA	C14	GAMMA	I129DW	NI63	RADIUM	SR90	TC99	TRITIUM	U	UCHEM
3-1-1		X	X	X	X		X	X	X					X	X		X	X		X		X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X		X	X	X	
3-1-2		X	X	X	X		X	X	X					X	X		X	X		X		X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X		X	X	X	
3-1-4		X	X	X	X		X	X	X					X	X		X	X		X		X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X				X	
3-1-6		X	X	X	X		X	X	X					X	X		X	X		X		X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X			X	X	
3-1-7		X	X	X	X		X	X	X					X	X		X	X		X		X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X			X	X	
3-1-8		X	X	X	X		X	X	X					X	X		X	X		X		X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X			X	X	
3-1-9		X	X	X	X		X	X	X					X	X		X	X		X		X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X		X	X	X	
3-1-10		X	X	X	X		X	X	X					X	X		X	X		X		X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X			X	X	
3-1-11		X	X	X	X		X	X	X					X	X		X	X		X		X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X			X		X
3-1-12		X	X	X	X		X	X	X					X	X		X	X		X		X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X			X	X	
3-1-13		X	X	X	X		X	X	X					X	X		X	X		X		X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X			X	X	
3-1-14		X	X	X	X		X	X	X					X	X		X	X		X		X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X			X	X	
3-1-15		X	X	X	X		X	X	X					X	X		X	X		X		X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X			X	X	
3-1-16A		X	X	X	X		X	X	X					X	X		X	X		X		X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X			X	X	
3-1-16B		X	X	X	X		X	X	X					X	X		X	X		X		X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X			X	X		X	X	
3-1-16C		X	X	X	X		X	X	X					X	X		X	X		X		X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X		X	X	X	
3-1-17A		X	X	X	X		X	X	X					X	X		X	X		X		X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X			X		X
3-1-17B		X	X	X	X		X	X	X					X	X		X	X		X		X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X			X	X		X	X	
3-1-17C		X	X	X	X		X	X	X					X	X		X	X		X		X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X			X	X	
3-1-18A		X	X	X	X		X	X	X					X	X		X	X		X		X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X					
3-1-18B		X	X	X	X		X	X	X					X	X		X	X		X		X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X			X	X		X	X	
3-1-18C		X	X	X	X		X	X	X					X	X		X	X		X		X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X			X	X	
3-1-19		X	X	X	X		X	X	X					X	X		X	X		X		X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X			X		X
3-2-1		X	X	X	X		X	X	X					X	X		X	X		X		X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X		X	X	X	
3-3-7		X	X	X	X		X	X	X					X	X		X	X		X		X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X		X	X	X	
3-3-10		X	X	X	X		X	X	X					X	X		X	X		X		X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X	X		X	X	
3-4-1		X	X	X	X		X	X	X					X	X		X	X		X		X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X			X			X	X	
3-4-7		X	X	X	X		X	X	X					X	X		X	X		X		X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X		X	X	X	
3-4-11		X	X	X	X		X	X	X					X	X		X	X		X		X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X			X	X	
3-8-1		X	X	X	X		X	X	X	X				X	X		X	X		X		X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X			X		X	X	X	

TABLE E.4. (contd)

COMP=300 APT

```
W
E        AACCCCCC EHLLLPP S        AD       I          P S  V      I      T
L        LMIOOOYDTNFHPEHPU      TANI    IIC    O     HSE VO         R   R  U
L        KMTLNNAIHILYHRFHL      ONIR HICCP OOM   POEMTOLA   G1NASTI
N        AORIDDNOYTUDECI F      XIOAHECPPMOMMEPPESMVHLOLBCA2IDRCT  C
A        LNUFFLIXGRORNHELI TTTLONQERPMMTMEETCESPVOIORPE M9 I   I  H
M        IISRLADILARAOLLADTDOODNSIRBMTTFETTFBSTSOLORGHT1MD6U99U  E
E        NURMDBENYTDZLODBECSCXLSENBETEFETEFESTETLEEGEAA4AW3M09MUM

3-8-2    XXXX XXX     XX XX X XX XXXXXXXXXXXXXXXXXXXXXXX     X  XX
3-8-3    XXXX XXXX    XX XX X XX XXXXXXXXXXXXXXXXXXXXXXX  X  X XXX
6-S30-E15A XXXX XXX   XX XX X XX XXXXXXXXXXXXXXXXXXXXXXX     X  XX
6-S19-E13  XXXX XXX   XX XX X XX XXXXXXXXXXXXXXXXXXXXXXX  X  X  XX
```

COMP=6-NRDW

```
   W
   E    AACCCCCC EHLLLPP S        AD       I          P S  V      I      T
   L    LMIOOOYD1NFHPEHPU      TANI    IIC    O     HSE VO         R   R  U
   L    KMTLNNAIHILYHRFHL      ONIR HICCP OOM   POEMTOLA   G1NASTI
   N    AORIDDNOYTUDECI F      XIOAHECPPMOMMEPPESMVHLOLBCA2IDRCT  C
   A    LNUFFLIXGRORNHELI TTTLONQERPMMTMEETCESPVOIQRPE M9 I   I  H
   M    IISRLADILARAOLLADTDOODNSIRBMTTFETTFBSTSOLORGHT1MD6U99U  E
   E    NURMDBENYTDZLODBECSCXLSENBETEFETEFESTETLEEGEAA4AW3M09MUM

6-25-33A X   XXX     X  X  XX XXX XXX    XXXXX  X          XXXX
6-25-34A X   XXX     X  X  XX XXX XXX    XXXXX  X          XXXX
6-25-34B X   XXX     X  X  XX XXX XXX    XXXXX  X          XXXX
6-26-33  X   XXX     X  X  XX XXX XXX    XXXXX  X          XXXX
6-26-34  X   XXX     X  X  XX XXX XXX    XXXXX  X          XXXX
6-26-35A X   XXX     X  X  XX XXX XXX    XXXXX  X          XXXX
6-26-35C X   XXX     X  X  XX XXX XXX    XXXXX  X          XXXX
```

TABLE E.4. (contd)

COMP=6-SWL

	W E L L N A M E	A L K A I N	A M I L U R	C O R F F R	C O I U L M	C O D F L D	C Y T R I B	E D N X G E	H T D R O D	L Z R N H N	L O A O L Y	L D L L A T	P B E H E I	P E C I L D	S C F I X O	U X H L R	L S E T A	E N B E T	B E T E F	E T E F E	F E S T E	S T E T L	T S O L O	O L R G H	R P E A A	E E G E A	M 9 4 A W	I 3 M	6 U 9	9 U M	T I E U M
6-23-34	X X	X X X		X	X	X X	X X X	X X X	X	X X X X X	X	X		X X X X		X															
6-24-34A	X X	X X X		X	X	X X	X X X	X X X	X	X X X X X	X	X		X X X X		X															
6-24-34B	X X	X X X		X	X	X X	X X X	X X X	X	X X X X X	X	X		X X X X		X															
6-24-34C	X X	X X X		X	X	X X	X X X	X X X	X	X X X X X	X	X		X X X X		X															
6-24-35	X X	X X X		X	X	X X	X X X	X X X	X	X X X X X	X	X		X X X X		X															
6-25-34C	X X	X X X		X	X	X X	X X X	X X X	X	X X X X X	X	X		X X X X		X															

TABLE E.5. Results for Compliance Monitoring Wells

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-N-2	SAMPLE DATE	1-N-3	SAMPLE DATE	1-N-4
ALUMNUM	PPB	150		03/18/88		03/18/88	209	03/18/88	653
				06/27/88		06/29/88	189	06/27/88	880
ARSENIC	PPB	5	50	03/18/88		03/18/88		03/18/88	6
				06/27/88		06/29/88		06/27/88	
BARIUM	PPB	6	1000	03/18/88	25	03/18/88	117	03/18/88	32
				06/27/88	21	06/29/88	116	06/27/88	38
BETA	PCI/L	8	50	03/18/88	2860 + (217)	03/18/88	4270 + (266)	03/18/88	113 + (6.73)
				03/18/88	3920 + (54.50)	03/18/88	5020 + (66.40)	03/18/88	112 + (9.75)
				04/28/88	3910 + (253)	04/28/88	4460 + (270)	04/13/88	98.40 + (6.37)
				06/27/88	5620 + (92.40)	06/29/88	3280 + (53.60)	06/27/88	102 + (9.28)
C 14	PCI/L			03/18/88	317 @ (5.42)		NR		NR
				04/28/88	319 @ (5.43)		NR		NR
CALCIUM	PPB	50		03/18/88	28800	03/18/88	104000	03/18/88	26600
				06/27/88	31500	06/29/88	113000	06/27/88	31100
CHLORID	PPB	500		03/18/88	1280	03/18/88	7020	03/18/88	1080
				06/27/88	1080	06/29/88	7040	06/27/88	1600
CHROMUM	PPB	10	50	03/18/88		03/18/88		03/18/88	
				06/27/88		06/29/88		06/27/88	39
CO-60	PCI/L	22.50	100	03/18/88	33.90 (13.60)	03/18/88	20.80 (12.10)	03/18/88	67.90 (16.60)
				04/28/88	48.40 (15.50)	04/28/88	18.50 (14.60)	04/13/88	79.40 (19.90)
				06/27/88	59.10 (18.30)	06/29/88	28.60 (11.90)	06/27/88	62 (16.30)
CONDFLD	µMHO	1		03/18/88	223	03/18/88	668	03/18/88	224
				06/27/88	195	06/29/88	495	06/27/88	208
				06/27/88	195	06/29/88	494	06/27/88	206
				06/27/88	193	06/29/88	495	06/27/88	206
				06/27/88	193	06/29/88	494	06/27/88	206
COPPER	PPB	10	(1300.0)	03/18/88		03/18/88		03/18/88	
				06/27/88		06/29/88		06/27/88	22
FBARIUM	PPB	6	1000	03/18/88	20	03/18/88	111	03/18/88	18
				06/27/88	22	06/29/88	106	06/27/88	21
FCALCIU	PPB	50		03/18/88	28300	03/18/88	102000	03/18/88	26200
				06/27/88	27800	06/29/88	103000	06/27/88	29400
FIRON	PPB	50		03/18/88		03/18/88	72	03/18/88	
				06/27/88		06/29/88	51	06/27/88	

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-N-2	SAMPLE DATE	1-N-3	SAMPLE DATE	1-N-4
FLUORID	PPB	500	4000	03/18/88		03/18/88	1610	03/18/88	
				06/27/88		06/29/88		06/27/88	
FMAGNES	PPB	50		03/18/88	4880	03/18/88	16400	03/18/88	4480
				06/27/88	4870	06/29/88	16700	06/27/88	5110
FMANGAN	PPB	5		03/18/88		03/18/88	10	03/18/88	8
FMANGAN	PPB	5		06/27/88		06/29/88	19	06/27/88	12
FPOTASS	PPB	100		03/18/88	1630	03/18/88	3190	03/18/88	2620
				06/27/88	1730	06/29/88	3510	06/27/88	2920
FSODIUM	PPB	200		03/18/88	2710	03/18/88	13000	03/18/88	3620
				06/27/88	3030	06/29/88	15700	06/27/88	4650
FVANADI	PPB	5		03/18/88		03/18/88		03/18/88	6
				06/27/88	7	06/29/88		06/27/88	9
FZINC	PPB	5		03/18/88	6	03/18/88		03/18/88	11
				06/27/88	6	06/29/88		06/27/88	9
HNITRAT	PPB	2500	45000	03/18/88	38100		NR	03/18/88	29900
				04/28/88	34500		NR	04/13/88	24400
I-129DW	PCI/L	1		04/28/88	0.22		NR		NR
					(0.21)				
IRON	PPB	50		03/18/88	119	03/18/88	2160	03/18/88	5010
				06/27/88	96	06/29/88	1260	06/27/88	4620
MAGNES	PPB	0		03/18/88	5010	03/18/88	16600	03/18/88	4670
				06/27/88	5090	06/29/88	17400	06/27/88	5360
MANGESE	PPB	5		03/18/88	6	03/18/88	91	03/18/88	120
NICKEL	PPB	10		03/18/88		03/18/88		03/18/88	
				06/27/88		06/29/88		06/27/88	112
NITRATE	PPB	500	45000	03/18/88	38700	03/18/88	28400	03/18/88	32000
				06/27/88	33000	06/29/88	25100	06/27/88	26800
PHFIELD		0.10		03/18/88	8	03/18/88	7.70	03/18/88	5.70
				06/27/88	7.10	06/29/88	7.10	06/27/88	7.90
				06/27/88	7.30	06/29/88	7.20	06/27/88	7.80
				06/27/88	7.30	06/29/88	7.20	06/27/88	7.80
				06/27/88	7.40	06/29/88	7.20	06/27/88	7.80
POTASUM	PPB	100		03/18/88	1690	03/18/88	3250	03/18/88	2670
				06/27/88	1820	06/29/88	3620	06/27/88	3050
RU-106	PCI/L	172.50	30	03/18/88	76.70 *	03/18/88		03/18/88	
					(69.80)				
				04/28/88		04/28/88		04/13/88	
				06/27/88	95.90 *	06/29/88		06/27/88	
					(60.10)				
SODIUM	PPB	200		03/18/88	2750	03/18/88	13000	03/18/88	3530
				06/27/88	3100	06/29/88	15700	06/27/88	4220
SR 90	PCI/L	5	8	03/18/88	1640 *	03/18/88	2290 *	03/18/88	12 *
					(144)		(240)		(1.88)

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-N-2	SAMPLE DATE	1-N-3	SAMPLE DATE	1-N-4
				06/27/88		06/29/88	63	06/27/88	103
				04/28/88	2150 *	04/28/88	2580 *	04/13/88	12.20 *
					(167)		(256)		(1.90)
				06/27/88	2360 *	06/29/88	2430 *	06/27/88	13.20 *
					(50)		(52.30)		(2.02)
SULFATE	PPB	500		03/18/88	12600	03/18/88	248000	03/18/88	10800
				06/27/88	10400	06/29/88	223000	06/27/88	14900
TC-99	PCI/L	15	900	03/18/88	8.12	03/18/88		03/18/88	11.70
					(1.21)				(1.25)
TOC	PPB	2000		06/27/88		06/29/88		06/27/88	
				06/27/88		06/29/88	17100	06/27/88	
TOC	PPB	2000		06/27/88		06/29/88		06/27/88	
				06/27/88		06/29/88		06/27/88	
TRITIUM	PCI/L	500	20000	03/18/88	83500 *	03/18/88	41300 *	03/18/88	86600 *
					(1110)		(786)		(1130)
				04/28/88	87600 *	04/28/88	41300 *	04/13/88	76600 *
					(1110)		(777)		(1030)
				06/27/88	89000 *	06/29/88	43200 *	06/27/88	85000 *
					(1130)		(797)		(946)
U	PCI/L	0.50	600	03/18/88		03/18/88	1.08	03/18/88	
				04/28/88		04/28/88	1.02	04/13/88	
U-CHEM	UG/L	0.73		06/27/88		06/29/88	1.90	06/27/88	
VANADUM	PPB	5		03/18/88		03/18/88		03/18/88	13
				06/27/88	7	06/29/88		06/27/88	16
ZINC	PPB	5		03/18/88	9	03/18/88	6	03/18/88	77
				06/27/88	9	06/29/88	5	06/27/88	155

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-N-14	SAMPLE DATE	1-N-49	SAMPLE DATE	1-N-58
BARIUM	PPB	6	1000	03/18/88	18	03/15/88	23	01/14/88	28
				06/29/88	15	06/29/88	17	02/18/88	26
					NR		NR	03/23/88	18
BETA	PCI/L	8	50	01/29/88	2010 + (28.20)	01/29/88	104 + (6.54)	01/14/88	4.82 (4.45)
				03/18/88	2440 + (42.80)	03/15/88	150 + (11)	02/18/88	5.54 (4.74)
				04/13/88	2120 + (83.80)	04/26/88	116 + (6.93)	02/18/88	5.26 (4.42)
				06/29/88	2330 + (42.20)	06/29/88	99.50 + (9.13)	03/23/88	
					NR		NR	03/23/88	
C 14	PCI/L			01/29/88	178 @ (4.30)		NR		NR
				04/13/88	390 @ (5.93)		NR		NR
CALCIUM	PPB	50		03/18/88	27700	03/15/88	30800	01/14/88	48000
				06/29/88	26100	06/29/88	27500	02/18/88	47700
					NR		NR	03/23/88	30800
CHLORID	PPB	500		03/18/88	940	03/15/88	1000	01/14/88	4700
				06/29/88	886	06/29/88	885	02/18/88	4330
					NR		NR	03/23/88	3360
					NR		NR	03/23/88	3340
CHROMUM	PPB	10	50	03/18/88		03/15/88		01/14/88	
				06/29/88		06/29/88		02/18/88	17
					NR		NR	03/23/88	13
CO-60	PCI/L	22.50	100	01/29/88	134 * (24)	06/29/88	124 * (26.10)		NR
				04/13/88	100 (20.70)		NR		NR
				06/29/88	90.20 (21.70)		NR		NR
CONDFLD	µMHO	1		03/18/88	230	03/15/88	204	01/14/88	1529
				06/29/88	155	06/29/88	174	02/18/88	
				06/29/88	155	06/29/88	174	03/23/88	1056
				06/29/88	157	06/29/88	174	03/23/88	1054
				06/29/88	155	06/29/88	174	03/23/88	1052
CONDLAB	µMHO				NR		NR	01/14/88	1150 @
					NR		NR	02/18/88	1350 @
					NR		NR	03/23/88	1040 @
					NR		NR	03/23/88	1040 @
					NR		NR	03/23/88	1040 @
					NR		NR	03/23/88	1040 @
FARSENI	PPB	5	50	03/18/88		03/15/88	6	01/14/88	
				06/29/88		06/29/88	5	02/18/88	

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-N-14	SAMPLE DATE	1-N-49	SAMPLE DATE	1-N-58
					NR		NR	02/18/88	
					NR		NR	03/23/88	
FARSENI	PPB	5	50		NR		NR	03/23/88	
FBARIUM	PPB	6	1000	03/18/88	15	03/15/88	20	01/14/88	29
				06/29/88	17	06/29/88	22	02/18/88	26
					NR		NR	02/18/88	26
					NR		NR	03/23/88	18
					NR		NR	03/23/88	18
FCALCIU	PPB	50		03/18/88	29800	03/15/88	30700	01/14/88	49500
				06/29/88	25300	06/29/88	30900	02/18/88	48700
					NR		NR	02/18/88	47600
					NR		NR	03/23/88	29100
					NR		NR	03/23/88	32100
FCHROMI	PPB	10	50	03/18/88		03/15/88		01/14/88	
				06/29/88		06/29/88		02/18/88	
					NR		NR	02/18/88	14
					NR		NR	03/23/88	
					NR		NR	03/23/88	
FIRON	PPB	50		03/18/88		03/15/88		01/14/88	
				06/29/88		06/29/88		02/18/88	
					NR		NR	02/18/88	61
					NR		NR	03/23/88	
					NR		NR	03/23/88	
FLUORID	PPB	500	4000	03/18/88		03/15/88		01/14/88	1280
				06/29/88		06/29/88		02/18/88	
					NR		NR	03/23/88	1050
					NR		NR	03/23/88	1090
FMAGNES	PPB	50		03/18/88	4820	03/15/88	6140	01/14/88	9280
				06/29/88	4110	06/29/88	6280	02/18/88	9330
					NR		NR	02/18/88	9180
					NR		NR	03/23/88	5650
					NR		NR	03/23/88	6110
FNICKEL	PPB	10		03/18/88		03/15/88		01/14/88	
				06/29/88		06/29/88		02/18/88	
					NR		NR	02/18/88	10
					NR		NR	03/23/88	
					NR		NR	03/23/88	
FPOTASS	PPB	100		03/18/88	1690	03/15/88	2910	01/14/88	3760
				06/29/88	1580	06/29/88	3180	02/18/88	3260
					NR		NR	02/18/88	3130
					NR		NR	03/23/88	2410
					NR		NR	03/23/88	2590
FSODIUM	PPB	200		03/18/88	3550	03/15/88	4320	01/14/88	285000
				06/29/88	3120	06/29/88	4460	02/18/88	250000
					NR		NR	02/18/88	251000

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-N-14		SAMPLE DATE	1-N-49		SAMPLE DATE	1-N-58
					NR			NR		03/23/88	190000
					NR			NR		03/23/88	213000
FVANADI	PPB	5		03/18/88	6		03/15/88	15		01/14/88	
				06/29/88	6		06/29/88	16		02/18/88	5
					NR			NR		02/18/88	
					NR			NR		03/23/88	
FVANADI	PPB	5			NR			NR		03/23/88	
FZINC	PPB	5		03/18/88	12		03/15/88			01/14/88	
				06/29/88	11		06/29/88	10		02/18/88	
					NR			NR		02/18/88	
					NR			NR		03/23/88	5
					NR			NR		03/23/88	5
HNITRAT	PPB	2500	45000	01/29/88	38600		01/29/88	53900	*		NR
				04/13/88	35100		04/26/88	47900	*		NR
I-129DW	PCI/L	1		04/13/88	0.20			NR			NR
					(0.17)						
IRON	PPB	50		03/18/88	650		03/15/88	1160		01/14/88	77
				06/29/88	55		06/29/88	65		02/18/88	73
					NR			NR		03/23/88	111
LEADGF	PPB	5	50	03/18/88			03/15/88	8		01/14/88	
				06/29/88			06/29/88			02/18/88	
					NR			NR		03/23/88	
MAGNES	PPB	0		03/18/88	4500		03/15/88	5950		01/14/88	9010
				06/29/88	4360		06/29/88	5680		02/18/88	9180
					NR			NR		03/23/88	5890
MANGESE	PPB	5		03/18/88	18		03/15/88			01/14/88	
				06/29/88			06/29/88			02/18/88	
					NR			NR		03/23/88	
NI-63	PCI/L	10	50	01/29/88	6.38			NR			NR
					(1.82)						
				04/13/88				NR			NR
NICKEL	PPB	10		03/18/88			03/15/88			01/14/88	
				06/29/88			06/29/88			02/18/88	10
					NR			NR		03/23/88	
NITRATE	PPB	500	45000	03/18/88	39700		03/15/88	55400	*	01/14/88	1490
				06/29/88	34900		06/29/88	44800		02/18/88	2260
					NR			NR		03/23/88	1800
					NR			NR		03/23/88	1880
PH-LAB		0.01			NR			NR		01/14/88	7.37
					NR			NR		02/18/88	7.20
					NR			NR		03/23/88	7.69
					NR			NR		03/23/88	7.66
					NR			NR		03/23/88	7.66
					NR			NR		03/23/88	7.66

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	DETECTION LIMIT	CONTRACTUAL WATER STANDARD	DRINKING SAMPLE DATE	1-N-14	SAMPLE DATE	1-N-49	SAMPLE DATE	1-N-58
PHFIELD		0.10		03/18/88	8	03/15/88	8.30	01/14/88	5.60
				06/29/88	7.90	06/29/88	7.80	02/18/88	
				06/29/88	7.90	06/29/88	7.80	03/23/88	7.90
				06/29/88	7.90	06/29/88	7.80	03/23/88	7.90
				06/29/88	7.90	06/29/88	7.80	03/23/88	7.90
					NR		NR	03/23/88	7.90
POTASUM	PPB	100		03/18/88	1560	03/15/88	2870	01/14/88	3700
				06/29/88	1610	06/29/88	3070	02/18/88	3170
					NR		NR	03/23/88	2550
RADIUM	PCI/L	1	5	03/18/88		03/15/88		01/14/88	
				06/29/88		06/29/88		02/18/88	0.25
									(0.18)
RADIUM	PCI/L	1	5		NR		NR	03/23/88	
RU-106	PCI/L	172.50	30	01/29/88		06/29/88			NR
				04/13/88	61.30 *		NR		NR
					(60)				
				06/29/88			NR		NR
SODIUM	PPB	200		03/18/88	3200	03/15/88	4360	01/14/88	283000
				06/29/88	3360	06/29/88	4220	02/18/88	254000
					NR		NR	03/23/88	193000
SR 90	PCI/L	5	8	01/29/88	1090 *	01/29/88			NR
					(57.80)				
				04/13/88	1100 *	04/26/88			NR
					(52.20)				
				06/29/88	957 *	06/29/88	10.20 *		NR
					(22.70)		(1.85)		
SULFATE	PPB	500		03/18/88	9770	03/15/88	9580	01/14/88	608000
				06/29/88	44800	06/29/88	8270	02/18/88	679000
					NR		NR	03/23/88	412000
					NR		NR	03/23/88	382000
TC-99	PCI/L	15	900	01/29/88	9.35	01/29/88			NR
					(1.35)				
TRITIUM	PCI/L	500	20000	01/29/88	36600 *	01/29/88	126000 *		NR
					(648)		(1350)		
				04/13/88	121000 *	04/26/88	152000 *		NR
					(1310)		(1480)		
				06/29/88	112000 *	06/29/88	113000 *		NR
					(1090)		(1090)		

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	DETECTION LIMIT	CONTRACTUAL WATER STANDARD	DRINKING SAMPLE DATE	1-N-14	SAMPLE DATE	1-N-49	SAMPLE DATE	1-N-58
U	PCI/L	0.50	600	01/29/88		01/29/88	0.65		NR
				04/13/88		04/26/88			NR
VANADUM	PPB	5		03/18/88	7	03/15/88	16	01/14/88	
				06/29/88	6	06/29/88	10	02/18/88	
					NR		NR	03/23/88	
ZINC	PPB	5		03/18/88	38	03/15/88	17	01/14/88	
				06/29/88	7	06/29/88	6	02/18/88	
					NR		NR	03/23/88	5

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-N-59		SAMPLE DATE	1-N-60		SAMPLE DATE	1-N-61	
ALUMNUM	PPB	150		01/13/88	391		01/14/88	298		01/13/88	289	
				02/18/88	290		02/18/88			02/18/88		
				03/23/88			03/23/88			03/23/88		
BARIUM	PPB	6	1000	01/13/88	24		01/14/88	20		01/13/88	39	
				02/18/88	22		02/18/88	16		02/18/88	16	
				03/23/88	17		03/23/88	23		03/23/88	42	
BETA	PCI/L	8	50	01/13/88	9.82		01/14/88	7.64		01/13/88	6.05	
					(5.38)			(4.62)			(4.38)	
				02/18/88	9.46		02/18/88			02/18/88		
					(5.12)							
				03/23/88	4.43		03/23/88	5.96		03/23/88		
					(4.10)			(4.28)				
CALCIUM	PPB	50		01/13/88	59600		01/14/88	46900		01/13/88	51700	
				02/18/88	57300		02/18/38	41600		02/18/88	21500	
				03/23/88	31400		03/23/88	45500		03/23/88	78700	
CHLORID	PPB	500		01/13/88	5220		01/14/88	3530		01/13/88	3810	
				02/18/88	4200		02/18/88	2920		02/18/88	5670	
				03/23/88	4090		03/23/88	3720		03/23/88	6050	
CHROMUM	PPB	10	50	01/13/88			01/14/88	11		01/13/88	12	
				02/18/88			02/18/88	12		02/18/88	13	
				03/23/88			03/23/88			03/23/88	10	
CONDFLD	µMHO	1		01/13/88	1539		01/14/88	1512		01/13/88	1493	
				02/18/88	1369		02/18/88			02/18/88		
				03/23/88	1269		03/23/88	1379		03/23/88	1865	
				03/23/88	1266		03/23/88	1378		03/23/88	1873	
				03/23/88	1259		03/23/88	1382		03/23/88	1868	
				03/23/88	1270			NR		03/23/88	1862	
CONDLAB	µMHO			01/13/88	1720	a	01/14/88	1150	a	01/13/88	1560	a
				02/18/88	1670	a	02/18/88	1350	a	02/18/88	1250	a
				03/23/88	1250	a	03/23/88	1250	a	03/23/88	1670	a
				03/23/88	1250	a	03/23/88	1250	a	03/23/88	1670	a
				03/23/88	1250	a	03/23/88	1250	a	03/23/88	1670	a
				03/23/88	1250	a	03/23/88	1250	a	03/23/88	1670	a
FALUMIN	PPB	150		01/13/88	189		01/14/88	245		01/13/88	235	
				02/18/88	220		02/18/88			02/18/88		
				03/23/88			03/23/88			03/23/88		
FBARIUM	PPB	6	1000	01/13/88	24		01/14/88	20		01/13/88	38	
				02/18/88	23		02/18/88	16		02/18/88	16	
				03/23/88	15		03/23/88	21		03/23/88	41	
FCADMIU	PPB	2	10	01/13/88			01/14/88			01/13/88	2	
				02/18/88			02/18/88			02/18/88		
				03/23/88			03/23/88			03/23/88		
FCALCIU	PPB	50		01/13/88	58100		01/14/88	50700		01/13/88	53500	
				02/18/88	72400		02/18/88	39200		02/18/88	21900	

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-N-59	SAMPLE DATE	1-N-60	SAMPLE DATE	1-N-61
				03/23/88	35100	03/23/88	47500	03/23/88	75800
FIRON	PPB	50		01/13/88		01/14/88		01/13/88	
				02/18/88		02/18/88		02/18/88	
				03/23/88		03/23/88		03/23/88	68
FLUORID	PPB	500	4000	01/13/88	1460	01/14/88	1300	01/13/88	1480
				02/18/88	590	02/18/88		02/18/88	
				03/23/88	1030	03/23/88	1110	03/23/88	1560
FMAGNES	PPB	50		01/13/88	13300	01/14/88	12300	01/13/88	13200
				02/18/88	13600	02/18/88	8680	02/18/88	5250
				03/23/88	7370	03/23/88	9080	03/23/88	15700
FMANGAN	PPB	5		01/13/88	216	01/14/88	230	01/13/88	116
				02/18/88	172	02/18/88	95	02/18/88	29
				03/23/88	42	03/23/88		03/23/88	62
FNICKEL	PPB	10		01/13/88	10	01/14/88		01/13/88	
				02/18/88	12	02/18/88	11	02/18/88	
				03/23/88		03/23/88		03/23/88	
FPOTASS	PPB	100		01/13/88	4010	01/14/88	3450	01/13/88	2510
				02/18/88	4080	02/18/88	2840	02/18/88	1590
				03/23/88	3340	03/23/88	4360	03/23/88	2400
FSODIUM	PPB	200		01/13/88	315000	01/14/88	272000	01/13/88	280000
				02/18/88	361000	02/18/88	253000	02/18/88	273000
				03/23/88	237000	03/23/88	256000	03/23/88	322000
FVANADI	PPB	5		01/13/88		01/14/88		01/13/88	
				02/18/88		02/18/88		02/18/88	
				03/23/88		03/23/88	9	03/23/88	
FZINC	PPB	5		01/13/88	24	01/14/88	11	01/13/88	18
				02/18/88	18	02/18/88	5	02/18/88	6
				03/23/88	8	03/23/88		03/23/88	9
IRON	PPB	50		01/13/88	57	01/14/88	92	01/13/88	208
				02/18/88		02/18/88	82	02/18/88	84
				03/23/88		03/23/88		03/23/88	195
MAGNES	PPB	0		01/13/88	13600	01/14/88	11700	01/13/88	13200
				02/18/88	12800	02/18/88	9020	02/18/88	5090
				03/23/88	6660	03/23/88	8680	03/23/88	16000
MANGESE	PPB	5		01/13/88	196	01/14/88	213	01/13/88	97
				02/18/88	167	02/18/88	101	02/18/88	29
				03/23/88	43	03/23/88		03/23/88	64
NICKEL	PPB	10		01/13/88		01/14/88	11	01/13/88	
				02/18/88	11	02/18/88	10	02/18/88	
				03/23/88		03/23/88		03/23/88	
NITRATE	PPB	500	45000	01/13/88	1890	01/14/88	1570	01/13/88	1610
				02/18/88	2210	02/18/88	2120	02/18/88	2770
				03/23/88	2120	03/23/88	1960	03/23/88	2340

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-N-59	SAMPLE DATE	1-N-60	SAMPLE DATE	1-N-61
PH-LAB		0.01		01/13/88	6.59	01/14/88	5.87	01/13/88	5.54
				02/18/88	6.07	02/18/88	5.95	02/18/88	6
				03/23/88	6.64	03/23/88	7.77	03/23/88	6.41
				03/23/88	6.71	03/23/88	7.73	03/23/88	6.41
				03/23/88	6.69	03/23/88	7.68	03/23/88	6.48
				03/23/88	6.71	03/23/88	7.74	03/23/88	6.64
PHFIELD		0.10		01/13/88	5.60	01/14/88	3.70	01/13/88	5.10
				02/18/88		02/18/88		02/18/88	
				03/23/88	6.60	03/23/88	8.20	03/23/88	6.40
PHFIELD		0.10		03/23/88	6.60	03/23/88	8.10	03/23/88	6.40
				03/23/88	6.60	03/23/88	8.10	03/23/88	6.40
				03/23/88	6.60	03/23/88	8.10	03/23/88	6.40
POTASUM	PPB	100		01/13/88	4320	01/14/88	3370	01/13/88	2580
				02/18/88	3790	02/18/88	2920	02/18/88	1530
				03/23/88	3020	03/23/88	4250	03/23/88	2430
RADIUM	PCI/L	1	5	01/13/88		01/14/88		01/13/88	
				02/18/88	0.32	02/18/88	0.29	02/18/88	
					(0.17)		(0.17)		
				03/23/88		03/23/88		03/23/88	0.16
									(0.15)
SODIUM	PPB	200		01/13/88	307000	01/14/88	267000	01/13/88	295000
				02/18/88	351000	02/18/88	271000	02/18/88	251000
				03/23/88	234000	03/23/88	247000	03/23/88	347000
SULFATE	PPB	500		01/13/88	833000	01/14/88	681000	01/13/88	792000
				02/18/88	904000	02/18/88	736000	02/18/88	669000
				03/23/88	534000	03/23/88	519000	03/23/88	910000
VANADUM	PPB	5		01/13/88		01/14/88		01/13/88	
				02/18/88		02/18/88		02/18/88	
				03/23/88		03/23/88	6	03/23/88	
ZINC	PPB	5		01/13/88	10	01/14/88	11	01/13/88	
				02/18/88	19	02/18/88	6	02/18/88	6
				03/23/88	7	03/23/88	28	03/23/88	10

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-N-27	SAMPLE DATE	1-N-29	SAMPLE DATE	1-N-31
ALPHA	PCI/L	4	15	03/16/88		03/16/88		03/11/88	2.05
									(1.12)
				06/28/88	0.99	06/28/88		06/28/88	1.36
					(0.92)				(0.95)
AMMONIU	PPB	50		06/28/88	530	06/28/88	560	06/28/88	
BARIUM	PPB	6	1000	03/16/88	19	03/16/88	15	03/11/88	18
				06/28/88	17	06/28/88	11	06/28/88	19
BETA	PCI/L	8	50	01/22/88	451 +	01/22/88	1150 +	01/22/88	193 +
					(13.20)		(41.10)		(8.63)
				03/16/88	881 +	03/16/88	2060 +	03/11/88	145 +
					(26.10)		(39.40)		(10.80)
				04/13/88	486 +	04/13/88	1460 +	04/13/88	155 +
					(13.80)		(23.90)		(7.95)
				06/28/88	570 +	06/28/88	1890 +	06/28/88	219 +
					(20.60)		(52.40)		(13.20)
C 14	PCI/L				NR	01/22/88	72.60 @		NR
							(3.19)		
					NR	04/13/88	82.60 @		NR
							(3.32)		
CALCIUM	PPB	50		03/16/88	31700	03/16/88	30100	03/11/88	25400
				06/28/88	23500	06/28/88	19700	06/28/88	29900
CHLORID	PPB	500		03/16/88	1740	03/16/88	865	03/11/88	913
				06/28/88	822	06/28/88	671	06/28/88	747
CO-60	PCI/L	22.50	100	01/22/88	106 *	01/22/88	74.50	01/22/88	68.90
					(21.80)		(18.30)		(19.30)
				04/13/88	85.60	04/13/88	68	04/13/88	82.50
					(20.60)		(18.20)		(20)
				06/28/88	102 *	06/28/88	99.40	06/28/88	63.10
					(23.60)		(22.20)		(20.60)
CONDFLD	µMHO	1		03/16/88	190	03/16/88	164	03/11/88	113
				06/28/88	181	06/28/88	159	06/28/88	199
				06/28/88	182	06/28/88	159	06/28/88	195
				06/28/88	181	06/28/88	159	06/28/88	196
				06/28/88	181	06/28/88	159	06/28/88	196
FBARIUM	PPB	6	1000	03/16/88	15	03/16/88	14	03/11/88	21
				06/28/88	14	06/28/88	9	06/28/88	17
FCALCIU	PPB	50		03/16/88	29100	03/16/88	25400	03/11/88	27500
				06/28/88	21600	06/28/88	19800	06/28/88	29000
FMAGNES	PPB	50		03/16/88	5620	03/16/88	4390	03/11/88	4620
				06/28/88	4410	06/28/88	3300	06/28/88	5130
FPOTASS	PPB	100		03/16/88	2760	03/16/88	1880	03/11/88	2480
				06/28/88	2960	06/28/88	1950	06/28/88	2680
FSODIUM	PPB	200		03/16/88	3980	03/16/88	1470	03/11/88	1870
				06/28/88	3010	06/28/88	1490	06/28/88	2160

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-N-27	SAMPLE DATE	1-N-29	SAMPLE DATE	1-N-31
FVANADI	PPB	5		03/16/88	6	03/16/88		03/11/88	5
				06/28/88	12	06/28/88		06/28/88	
HNITRAT	PPB	2500	45000	01/22/88	27700	01/22/88	19700	01/22/88	24600
				04/13/88	17700	04/13/88	22600	04/13/88	35600
IRON	PPB	50		03/16/88	70	03/16/88		03/11/88	
				06/28/88		06/28/88		06/28/88	
MAGNES	PPB	0		03/16/88	5880	03/16/88	4850	03/11/88	4280
				06/28/88	4600	06/28/88	3100	06/28/88	4960
NI-63	PCI/L	10	50		NR	01/22/88	6.32		NR
							(2.28)		
					NR	04/13/88			NR
NITRATE	PPB	500	45000	03/16/88	20600	03/16/88	24200	03/11/88	15600
				06/28/88	16700	06/28/88	12300	06/28/88	31800
PHFIELD		0.10		03/16/88	8.60	03/16/88	8.80	03/11/88	8.50
				06/28/88	8.20	06/28/88	8.10	06/28/88	7.10
				06/28/88	8.30	06/28/88	8.20	06/28/88	7.30
				06/28/88	8.30	06/28/88	8.30	06/28/88	7.40
				06/28/88	8.30	06/28/88	8.20	06/28/88	7.40
POTASUM	PPB	100		03/16/88	2760	03/16/88	1970	03/11/88	2250
				06/28/88	3120	06/28/88	1810	06/28/88	2560
RADIUM	PCI/L	1	5	03/16/88	0.20	03/16/88		03/11/88	
					(0.16)				
				06/28/88		06/28/88		06/28/88	
RU-106	PCI/L	172.50	30	01/22/88	127 *	01/22/88	88.40 *	01/22/88	
					(83.30)		(74.50)		
				04/13/88	60.60 *	04/13/88		04/13/88	
					(50.70)				
				06/28/88		06/28/88		06/28/88	
SB 125	PCI/L				NR	01/22/88	164 @	01/22/88	165 @
							(33.30)		(32.70)
					NR	06/28/88	142 @	06/28/88	117 @
							(37)		(34.80)
SODIUM	PPB	200		03/16/88	4080	03/16/88	1560	03/11/88	1730
				06/28/88	3150	06/28/88	1280	06/28/88	2240
SR 90	PCI/L	5	8	01/22/88	149 *	01/22/88	600 *	01/22/88	20.30 *
					(6.02)		(39.30)		(2.36)
				04/13/88	279 *	04/13/88	947 *	04/13/88	31.20 *
					(8.74)		(49.90)		(3.01)
				06/28/88	193 *	06/28/88	697 *	06/28/88	25.80 *
					(7.34)		(19.40)		(2.72)
SULFATE	PPB	500		03/16/88	15700	03/16/88	12300	03/11/88	12200
				06/28/88	8170	06/28/88	7020	06/28/88	7560
TC-99	PCI/L	15	900	01/22/88	19.20	01/22/88	13.80	01/22/88	14.50
					(1.36)		(1.29)		(1.30)

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-N-27	SAMPLE DATE	1-N-29	SAMPLE DATE	1-N-31
TRITIUM	PCI/L	500	20000	01/22/88	89000 * (987)	01/22/88	67500 * (853)	01/22/88	61900 * (819)
				04/13/88	48100 * (823)	04/13/88	54400 * (888)	04/13/88	62200 * (670)
				06/28/88	94100 * (992)	06/28/88	77000 * (901)	06/28/88	88800 * (968)
U	PCI/L	0.50	600	01/22/88	0.81	01/22/88		01/22/88	0.68
				04/13/88	1.07	04/13/88	0.63	04/13/88	0.70
U-CHEM	UG/L	0.73		06/28/88	1	06/28/88		06/28/88	0.84
VANADUM	PPB	5		03/16/88	7	03/16/88		03/11/88	5
				06/28/88	12	06/28/88	7	06/28/88	6
ZINC	PPB	5		03/16/88	6	03/16/88		03/11/88	
				06/28/88	5	06/28/88		06/28/88	

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-N-32	SAMPLE DATE	1-N-33	SAMPLE DATE	1-N-36
ALPHA	PCI/L	4	15	03/11/88	1.66	03/16/88		03/11/88	0.92
					(1.10)				(0.85)
				06/28/88	1.53	04/13/88	1.34	03/11/88	0.94
					(1.05)		(0.53)		(0.88)
					NR	04/13/88	0.96	06/28/88	
							(0.46)		
					NR	06/28/88			NR
					NR	06/28/88			NR
AR1016	PPB	1	(0.0)	06/28/88		03/16/88	23.30 #	06/28/88	
					NR	06/28/88			NR
					NR	06/28/88			NR
BARIUM	PPB	6	1000	03/11/88	20	03/16/88	18	03/11/88	20
				06/28/88	26	06/28/88	18	06/28/88	17
					NR	06/28/88	19		NR
BETA	PCI/L	8	50	01/22/88	200 +	01/29/88	1020 +	01/22/88	388 +
					(8.92)		(20)		(12.20)
				03/11/88	144 +	03/16/88	1100 +	03/11/88	477 +
					(10.60)		(29.10)		(19)
				04/13/88	111 +	04/13/88	762 +	03/11/88	436 +
					(6.78)		(17.40)		(18.30)
				06/28/88	151 +	04/13/88	857 +	04/26/88	383 +
					(11.20)		(18.50)		(12.20)
					NR	06/28/88	1030 +	06/28/88	586 +
							(28)		(21.20)
					NR	06/28/88	968 +		NR
							(26.90)		
C 14	PCI/L				NR	01/29/88	394 @		NR
							(5.95)		
					NR	04/13/88	130 @		NR
							(3.84)		
CALCIUM	PPB	50		03/11/88	29500	03/16/88	26800	03/11/88	27000
				06/28/88	40000	06/28/88	29400	06/28/88	27000
					NR	06/28/88	30000		NR
CHLORID	PPB	500		03/11/88	1200	03/16/88	872	03/11/88	1130
				06/28/88	724	06/28/88	819	03/11/88	1120
					NR	06/28/88	786	06/28/88	764
CO-60	PCI/L	22.50	100	01/22/88	168 *	01/29/88	102 *	01/22/88	116 *
					(26.10)		(22)		(25)
				04/13/88	89.30	01/29/88	97	04/26/88	80.40
					(21.10)		(22)		(21.30)
				06/28/88	82.70	04/13/88	90.70	06/28/88	120 *
					(20.10)		(19.70)		(27.50)
					NR	04/13/88	85		NR
							(20.30)		

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-N-32	SAMPLE DATE	1-N-33	SAMPLE DATE	1-N-36
					NR	06/28/88	66.30		NR
							(16.80)		
					NR	06/28/88	72.30		NR
							(20.10)		
COLIFRM	MPN	2	1	03/11/88	5.10 *	03/16/88		03/11/88	
				06/28/88		06/28/88		06/28/88	
CONDFLD	µMHO	1		03/11/88	136	03/16/88	176	03/11/88	105
				06/28/88	252	06/28/88	187	06/28/88	164
				06/28/88	193	06/28/88	188	06/28/88	165
				06/28/88	245	06/28/88	188	06/28/88	164
				06/28/88	248	06/28/88	188	06/28/88	164
FARSENI	PPB	5	50	03/11/88		03/16/88		03/11/88	
				06/28/88	5	06/28/88		03/11/88	
					NR	06/28/88	5	06/28/88	
FBARIUM	PPB	6	1000	03/11/88	21	03/16/88	17	03/11/88	20
				06/28/88	24	06/28/88	16	03/11/88	20
					NR	06/28/88	16	06/28/88	14
FCALCIU	PPB	50		03/11/88	28400	03/16/88	25400	03/11/88	25600
				06/28/88	37000	06/28/88	27800	03/11/88	25300
					NR	06/28/88	28800	06/28/88	24500
FMAGNES	PPB	50		03/11/88	5620	03/16/88	4220	03/11/88	4860
				06/28/88	7810	06/28/88	4800	03/11/88	4780
					NR	06/28/88	4980	06/28/88	4700
FPOTASS	PPB	100		03/11/88	3260	03/16/88	2240	03/11/88	2190
				06/28/88	3490	06/28/88	2570	03/11/88	2140
					NR	06/28/88	2640	06/28/88	2030
FSODIUM	PPB	200		03/11/88	2960	03/16/88	2580	03/11/88	2400
				06/28/88	3350	06/28/88	2940	03/11/88	2340
					NR	06/28/88	2750	06/28/88	2270
FVANADI	PPB	5		03/11/88	12	03/16/88	8	03/11/88	7
				06/28/88	10	06/28/88	9	03/11/88	7
					NR	06/28/88	9	06/28/88	8
FZINC	PPB	5		03/11/88		03/16/88		03/11/88	
				06/28/88	5	06/28/88		03/11/88	
					NR	06/28/88	6	06/28/88	6
HNITRAT	PPB	2500	45000	01/22/88	43900	01/29/88	26400	01/22/88	26900
				04/13/88	48400 *	04/13/88	28600	04/26/88	18000
IRON	PPB	50		03/11/88		03/16/88		03/11/88	
				06/28/88		06/28/88	98	06/28/88	
					NR	06/28/88	73		NR
MAGNES	PPB	0		03/11/88	5580	03/16/88	4510	03/11/88	5030
				06/28/88	7980	06/28/88	4760	06/28/88	4870
					NR	06/28/88	4820		NR
NI-63	PCI/L	10	50		NR	01/29/88	10.70		NR
							(3.17)		

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-N-32	SAMPLE DATE	1-N-33	SAMPLE DATE	1-N-36
					NR	04/13/88			NR
NITRATE	PPB	500	45000	03/11/88	29700	03/16/88	23600	03/11/88	14800
				06/28/88	56800 *	06/28/88	29600	03/11/88	17900
					NR	06/28/88	29500	06/28/88	20000
PHFIELD		0.10		03/11/88	8.50	03/16/88	8.40	03/11/88	8.20
				06/28/88	8.30	06/28/88	8.30	06/28/88	8.20
				06/28/88	8.20	06/28/88	8.20	06/28/88	8
PHFIELD		0.10		06/28/88	8.30	06/28/88	8.40	06/28/88	8.10
				06/28/88	8.30	06/28/88	8.10	06/28/88	8.20
POTASUM	PPB	100		03/11/88	3020	03/16/88	2390	03/11/88	2270
				06/28/88	3540	06/28/88	2470	06/28/88	2130
					NR	06/28/88	2490		NR
RU-106	PCI/L	172.50	30	01/22/88		01/29/88		01/22/88	116 *
									(79)
				04/13/88		01/29/88		04/26/88	72.70 *
									(72.10)
				06/28/88		04/13/88		06/28/88	
					NR	04/13/88			NR
					NR	06/28/88			NR
					NR	06/28/88			NR
SB 125	PCI/L			01/22/88	91 @	01/29/88	135 @	01/22/88	135 @
					(29.10)		(31.40)		(31.90)
					NR	06/28/88	90 @	06/28/88	138 @
							(25.30)		(38.20)
SODIUM	PPB	200		03/11/88	2800	03/16/88	2760	03/11/88	2370
				06/28/88	3340	06/28/88	2540	06/28/88	2320
					NR	06/28/88	2530		NR
SR 90	PCI/L	5	8	01/22/88	6.08	01/29/88	434 *	01/22/88	160 *
					(1.40)		(35.10)		(6.38)
				04/13/88	8.14 *	01/29/88	463 *	04/26/88	171 *
					(1.60)		(36.50)		(6.86)
				06/28/88	12.60 *	04/13/88	460 *	06/28/88	191 *
					(1.92)		(33.40)		(7.28)
					NR	04/13/88	520 *		NR
							(37.10)		
					NR	06/28/88	368 *		NR
							(9.97)		
					NR	06/28/88	376 *		NR
							(10.20)		
SULFATE	PPB	500		03/11/88	11200	03/16/88	10400	03/11/88	12900
				06/28/88	8880	06/28/88	8010	03/11/88	13100
					NR	06/28/88	8050	06/28/88	7790
TC-99	PCI/L	15	900	01/22/88	20.80	01/29/88	22.60	01/22/88	17.20
					(1.38)		(1.40)		(1.34)

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-N-32	SAMPLE DATE	1-N-33	SAMPLE DATE	1-N-36
TRITIUM	PCI/L	500	20000	01/22/88	94000 * (1000)	01/29/88	76300 * (1060)	01/22/88	76900 * (909)
				04/13/88	58300 * (923)	01/29/88	77900 * (1080)	04/26/88	73700 * (1040)
				06/28/88	70500 * (1000)	04/13/88	57900 * (916)	06/28/88	97500 * (1010)
					NR	04/13/88	58100 * (913)		NR
					NR	06/28/88	69500 * (857)		NR
					NR	06/28/88	69700 * (856)		NR
U	PCI/L	0.50	600	01/22/88		01/29/88	0.63	01/22/88	0.55
				04/13/88	0.86	01/29/88	0.70	04/26/88	0.59
					NR	04/13/88	0.57		NR
					NR	04/13/88	0.56		NR
U-CHEM	UG/L	0.73		06/28/88	1.58	06/28/88	0.76	06/28/88	0.77
					NR	06/28/88	0.80		NR
VANADUM	PPB	5		03/11/88	11	03/16/88	8	03/11/88	8
				06/28/88	14	06/28/88	12	06/28/88	9
					NR	06/28/88	14		NR
ZINC	PPB	5		03/11/88		03/16/88		03/11/88	
				06/28/88	6	06/28/88	5	06/28/88	5
					NR	06/28/88			NR

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-N-39	SAMPLE DATE	1-N-41	SAMPLE DATE	1-N-42
ALPHA	PCI/L	4	15	03/11/88	0.88	03/15/88		03/15/88	1.06
					(0.81)				(0.87)
				04/26/88	0.63	06/30/88		06/29/88	
					(0.39)				
				04/26/88	0.63		NR		NR
					(0.40)				
				06/29/88			NR		NR
ALUMNUM	PPB	150		03/11/88		03/15/88		03/15/88	227
				06/29/88		06/30/88		06/29/88	
ARSENIC	PPB	5	50	03/11/88		03/15/88	7	03/15/88	7
				06/29/88		06/30/88	7	06/29/88	
BARIUM	PPB	6	1000	03/11/88	25	03/15/88	20	03/15/88	19
				06/29/88	19	06/30/88	22	06/29/88	15
BETA	PCI/L	8	50	01/29/88	2010 +	03/15/88	121 +	03/15/88	93.10 +
					(28.80)		(9.87)		(8.82)
				03/11/88	2040 +	06/30/88	102 +	06/29/88	94.70 +
					(39.70)		(9.27)		(8.57)
				04/26/88	1550 +		NR		NR
					(25.20)				
				04/26/88	1550 +		NR		NR
					(25.30)				
				06/29/88	1730 +		NR		NR
					(36.50)				
CALCIUM	PPB	50		03/11/88	31300	03/15/88	26700	03/15/88	24000
				06/29/88	28000	06/30/88	31600	06/29/88	23200
CHLORID	PPB	500		03/11/88	1030	03/15/88	1030	03/15/88	1080
				06/29/88	896	06/30/88	1520	06/29/88	989
CO-60	PCI/L	22.50	100	01/29/88	196 *	06/30/88	98.90	06/29/88	93.70
					(31.70)		(23)		(20.70)
				04/26/88	55.90		NR		NR
					(23.40)				
				04/26/88	72.80		NR		NR
					(18.80)				
				06/29/88	63.60		NR		NR
					(20.70)				
CONDFLD	µMHO	1		03/11/88	161	03/15/88	191	03/15/88	172
				06/29/88	187	06/30/88	233	06/29/88	164
				06/29/88	195	06/30/88	231	06/29/88	170
				06/29/88	189	06/30/88	230	06/29/88	164
				06/29/88	187	06/30/88	230	06/29/88	160
COPPER	PPB	10	(1300.0)	03/11/88	10	03/15/88		03/15/88	
				06/29/88		06/30/88		06/29/88	
FARSENI	PPB	5	50	03/11/88		03/15/88	8	03/15/88	8
				06/29/88		06/30/88	7	06/29/88	7
				06/29/88	29800	06/30/88	32100	06/29/88	23100

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-N-39		SAMPLE DATE	1-N-41		SAMPLE DATE	1-N-42	
FBARIUM	PPB	6	1000	03/11/88	25		03/15/88	20		03/15/88	14	
				06/29/88	22		06/30/88	26		06/29/88	17	
FCALCIU	PPB	50		03/11/88	30800		03/15/88	26300		03/15/88	22500	
FMAGNES	PPB	50		03/11/88	5960		03/15/88	5830		03/15/88	5410	
				06/29/88	5820		06/30/88	7250		06/29/88	5680	
FPOTASS	PPB	100		03/11/88	3030		03/15/88	3190		03/15/88	3130	
				06/29/88	3060		06/30/88	3630		06/29/88	3390	
FSODIUM	PPB	200		03/11/88	3810		03/15/88	5560		03/15/88	6380	
				06/29/88	3590		06/30/88	5900		06/29/88	6840	
FVANADI	PPB	5		03/11/88	8		03/15/88	22		03/15/88	24	
				06/29/88	14		06/30/88	20		06/29/88	28	
FZINC	PPB	5		03/11/88			03/15/88	48		03/15/88		
				06/29/88	7		06/30/88	27		06/29/88	7	
HNITRAT	PPB	2500	45000	01/29/88	67100	*		NR			NR	
				04/26/88	37300			NR			NR	
IRON	PPB	50		03/11/88	575		03/15/88	122		03/15/88	3010	
				06/29/88			06/30/88	166		06/29/88	1250	
MAGNES	PPB	0		03/11/88	5970		03/15/88	5760		03/15/88	5610	
				06/29/88	5540		06/30/88	7240		06/29/88	5790	
MANGESE	PPB	5		03/11/88			03/15/88			03/15/88	19	
				06/29/88			06/30/88			06/29/88	5	
METHYCH	PPB	5		03/11/88			03/15/88			03/15/88		
				06/29/88	20		06/30/88			06/29/88		
NITRATE	PPB	500	45000	03/11/88	49000	*	03/15/88	40100		03/15/88	27000	
				06/29/88	30900		06/30/88	64200	*	06/29/88	28200	
PHFIELD		0.10		03/11/88	8.20		03/15/88	8.20		03/15/88	8.40	
				06/29/88	8.60		06/30/88	7.60		06/29/88	8	
				06/29/88	8.50		06/30/88	7.50		06/29/88	7.90	
				06/29/88	8.50		06/30/88	7.60		06/29/88	8	
				06/29/88	8.60		06/30/88	7.50		06/29/88	8	
POTASUM	PPB	100		03/11/88	3150		03/15/88	3110		03/15/88	3100	
				06/29/88	2890		06/30/88	3620		06/29/88	3450	
RU-106	PCI/L	172.50	30	01/29/88	138	*	06/30/88			06/29/88		
					(105)							
				04/26/88				NR			NR	
				04/26/88				NR			NR	
				06/29/88				NR			NR	
SODIUM	PPB	200		03/11/88	3800		03/15/88	5520		03/15/88	6350	
				06/29/88	3360		06/30/88	5770		06/29/88	6810	
SR 90	PCI/L	5	8	01/29/88	977	*	06/30/88			06/29/88		
					(51.60)							
				04/26/88	862	*		NR			NR	
					(50)							
				04/26/88	904	*		NR			NR	

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-N-39	SAMPLE DATE	1-N-41	SAMPLE DATE	1-N-42
					(52.10)				
				06/29/88	645 *		NR		NR
					(12.50)				
SULFATE	PPB	500		03/11/88	11200	03/15/88	9910	03/15/88	10300
				06/29/88	9950	06/30/88	11000	06/29/88	8860
TC-99	PCI/L	15	900	01/29/88	20.70		NR		NR
					(1.37)				
TRITIUM	PCI/L	500	20000	01/29/88	113000 *	06/30/88	121000 *	06/29/88	127000 *
					(1290)		(1110)		(1140)
				04/26/88	51600 *		NR		NR
					(876)				
				04/26/88	48600 *		NR		NR
					(843)				
				06/29/88	61600 *		NR		NR
					(814)				
U	PCI/L	0.50	600	01/29/88			NR		NR
				04/26/88	0.56		NR		NR
				04/26/88	0.57		NR		NR
U-CHEM	UG/L	0.73		06/29/88	0.74	06/30/88		06/29/88	
VANADUM	PPB	5		03/11/88	10	03/15/88	23	03/15/88	33
				06/29/88	12	06/30/88	18	06/29/88	29
ZINC	PPB	5		03/11/88	5	03/15/88	66	03/15/88	41
				06/29/88		06/30/88	40	06/29/88	13

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-N-52	SAMPLE DATE	6-81-58	SAMPLE DATE	1-H3-1
ALKALIN					NR	03/02/88	93200 a	06/17/88	171000 a
ALPHA	PCI/L	4	15	03/15/88		03/02/88	0.71	03/11/88	2.12
							(0.43)		(1.52)
				06/30/88		03/02/88	1.02	06/17/88	3.69
							(0.93)		(1.77)
					NR	05/22/88	1.18		NR
							(0.51)		
					NR	06/30/88			NR
ARSENIC	PPB	5	50	03/15/88	6	06/30/88		03/11/88	
				06/30/88	8		NR	06/17/88	
BARIUM	PPB	6	1000	03/15/88	24	06/30/88	14	03/11/88	54
				06/30/88	18		NR	06/17/88	50
BETA	PCI/L	8	50	01/22/88	102 +	03/02/88	1.96	03/11/88	10.60
					(6.39)		(1.28)		(4.30)
				03/15/88	89.40 +	03/02/88		06/17/88	11.10
					(8.68)				(4.58)
				04/26/88	81.20 +	05/22/88	1.47		NR
					(5.78)		(1.22)		
				06/30/88	64.30 +	06/30/88			NR
					(7.60)				
CALCIUM	PPB	50		03/15/88	22700	06/30/88	25600	03/11/88	87200
				06/30/88	22100		NR	06/17/88	77800
CHLORID	PPB	500		03/15/88	1250	03/02/88	1320	03/11/88	12000
				06/30/88	1280	06/30/88	1390	06/17/88	12000
CHROMUM	PPB	10	50	03/15/88		06/30/88	11	03/11/88	68 *
				06/30/88			NR	06/17/88	60 *
CO-60	PCI/L	22.50	100	06/30/88	58.60	06/30/88		03/11/88	
					(17.60)				
					NR		NR	06/17/88	
CONDFLD	µMHO	1		03/15/88	171	03/02/88	112	03/11/88	563
				06/30/88	171	06/30/88	208	06/17/88	480
				06/30/88	170	06/30/88	209		NR
				06/30/88	170	06/30/88	208		NR
				06/30/88	170	06/30/88	209		NR
FARSENI	PPB	5	50	03/15/88	8	03/02/88		03/11/88	
				06/30/88	9	06/30/88		06/17/88	
FBARIUM	PPB	6	1000	03/15/88	21	03/02/88	19	03/11/88	51
				06/30/88	26	06/30/88	16	06/17/88	50
FCALCIU	PPB	50		03/15/88	21600	03/02/88	27000	03/11/88	79800
				06/30/88	25400	06/30/88	25500	06/17/88	80600
FCHROMI	PPB	10	50	03/15/88		03/02/88	16	03/11/88	60 *
				06/30/88		06/30/88	11	06/17/88	52 *
FMAGNES	PPB	50		03/15/88	5920	03/02/88	7660	03/11/88	19300
				06/30/88	7250	06/30/88	7230	06/17/88	19200
FPOTASS	PPB	100		03/15/88	3290	03/02/88	2650	03/11/88	6490

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-N-52	SAMPLE DATE	6-81-58	SAMPLE DATE	1-H3-1
				06/30/88	4140	06/30/88	2600	06/17/88	6750
FSODIUM	PPB	200		03/15/88	5820	03/02/88	4580	03/11/88	21400
				06/30/88	7100	06/30/88	4610	06/17/88	20600
FSTRONT	PPB	10			NR	03/02/88	170	03/11/88	479
					NR		NR	06/17/88	472
FVANADI	PPB	5		03/15/88	26	03/02/88	7	03/11/88	11
				06/30/88	30	06/30/88	8	06/17/88	10
FZINC	PPB	5		03/15/88		03/02/88		03/11/88	
				06/30/88	6	06/30/88		06/17/88	
HNITRAT	PPB	2500	45000	01/22/88	24500	03/02/88			NR
				04/26/88	21700	05/22/88			NR
IRON	PPB	50		03/15/88		06/30/88	79	03/11/88	67
				06/30/88			NR	06/17/88	404
LFLUORD	PPB	50	4000		NR	03/02/88	163	06/17/88	291
MAGNES	PPB	0		03/15/88	6020	06/30/68	7430	03/11/88	19800
				06/30/88	6400		NR	06/17/88	19600
MANGESE	PPB	5		03/15/88		06/30/88		03/11/88	
				06/30/88			NR	06/17/88	14
NITRATE	PPB	500	45000	03/15/88	23700	03/02/88	2530	03/11/88	63100 *
				06/30/88	25800	06/30/88	2190	06/17/88	59000 *
PH-LAB		0.01			NR	03/02/88	7.91	03/11/88	7.85
					NR		NR	06/17/88	7.70
PHFIELD		0.10		03/15/88	8.40	03/02/88	8.40	03/11/88	7.70
				06/30/88	7.80	06/30/88	7.80	06/17/88	7.60
				06/30/88	7.90	06/30/88	7.80		NR
				06/30/88	7.80	06/30/88	7.80		NR
				06/30/88	7.90	06/30/88	7.80		NR
POTASUM	PPB	100		03/15/88	3280	06/30/88	2590	03/11/88	6320
				06/30/88	3420		NR	06/17/88	7260
RADIUM	PCI/L	1	5	03/15/88		06/30/88	0.29	03/11/88	
							{ 0.18}		
				06/30/88	0.16		NR	06/17/88	
					{ 0.15}				
SODIUM	PPB	200		03/15/88	5850	06/30/88	4460	03/11/88	21200
				06/30/88	6000		NR	06/17/88	23500
STRONUM	PPB	10			NR		NR	03/11/88	487
					NR		NR	06/17/88	466
SULFATE	PPB	500		03/15/88	11200	03/02/88	16100	03/11/88	89300
				06/30/88	11600	06/30/88	14600	06/17/88	73600
TC	PPB	2000			NR	03/02/88	23300	03/11/88	47300
					NR		NR	06/17/88	44900
TC-99	PCI/L	15	900	01/22/88	13.70		NR	03/11/88	
					{ 1.29}				
					NR		NR	06/17/88	7.71
									{ 1.26}

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-N-52		SAMPLE DATE	6-81-58		SAMPLE DATE	1-H3-1	
TDS					NR			NR		03/11/88	425000	@
					NR			NR		06/17/88	428000	@
TRITIUM	PCI/L	500	20000	01/22/88	96800	*	03/02/88			03/11/88	4570	
					(1020)						(322)	
				04/26/88	80000	*	05/22/88			06/17/88	3870	
					(1080)						(257)	
TRITIUM	PCI/L	500	20000	06/30/88	62600	*	06/30/88				NR	
					(802)							
U	PCI/L	0.50	600	01/22/88	0.57			NR			NR	
				04/26/88	0.52			NR			NR	
U-CHEM	UG/L	0.73		06/30/88	0.78		06/30/88	1.05		03/11/88	7.83	
					NR			NR		06/17/88	7.30	
VANADUM	PPB	5		03/15/88	29		06/30/88			03/11/88	9	
				06/30/88	26			NR		06/17/88	9	
ZINC	PPB	5		03/15/88			06/30/88			03/11/88		
				06/30/88	7			NR		06/17/88		

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-H3-2A	SAMPLE DATE	1-H3-2B	SAMPLE DATE	1-H3-2C
ALKALIN				06/14/88	110000 @	06/14/88	123000 @	06/14/88	107000 @
ALPHA	PCI/L	4	15	03/08/88	1.68	03/08/88	1.69	03/08/88	1.05
					(1.16)		(1.13)		(0.96)
				06/14/88		06/14/88	3.17	06/14/88	0.89
							(1.65)		(0.86)
ARSENIC	PPB	5	50	03/08/88		03/08/88		03/08/88	6
				06/14/88		06/14/88		06/14/88	7
BARIUM	PPB	6	1000	03/08/88	28	03/08/88	32	03/08/88	19
				06/14/88	25	06/14/88	33	06/14/88	19
BETA	PCI/L	8	50	03/08/88	5.72	03/08/88	5.21	03/08/88	4.13
					(3.56)		(3.56)		(3.22)
				06/14/88	6.64	06/14/88	8.59	06/14/88	11.60
					(4.18)		(3.94)		(4.15)
CADMIUM	PPB	2	10	03/08/88		03/08/88		03/08/88	2
				06/14/88		06/14/88		06/14/88	
CALCIUM	PPB	50		03/08/88	43700	03/08/88	46500	03/08/88	28700
				06/14/88	38400	06/14/88	48000	06/14/88	26400
CHLFORM	PPB	10	100	03/08/88	21	03/08/88	20	03/08/88	
				06/14/88	20	06/14/88	15	06/14/88	
CHLORID	PPB	500		03/08/88	5650	03/08/88	6330	03/08/88	2880
				06/14/88	6850	06/14/88	7500	06/14/88	2790
CHROMUM	PPB	10	50	03/08/88	37	03/08/88	31	03/08/88	
				06/14/88	38	06/14/88	46	06/14/88	
CONDFLD	µMHO	1		03/08/88	219	03/08/88	210	03/08/88	177
				06/14/88	291	06/14/88	340	06/14/88	220
COPPER	PPB	10	(1300.0)	03/08/88	18	03/08/88		03/08/88	11
				06/14/88		06/14/88		06/14/88	
FARSENI	PPB	5	50	03/08/88		03/08/88		03/08/88	6
				06/14/88		06/14/88		06/14/88	6
FBARIUM	PPB	6	1000	03/08/88	29	03/08/88	33	03/08/88	20
				06/14/88	25	06/14/88	32	06/14/88	18
FCALCIU	PPB	50		03/08/88	44900	03/08/88	47100	03/08/88	29000
				06/14/88	41800	06/14/88	50900	06/14/88	26700
FCHROMI	PPB	10	50	03/08/88	38	03/08/88	32	03/08/88	
				06/14/88	35	06/14/88	48	06/14/88	
FMAGNES	PPB	50		03/08/88	10100	03/08/88	10300	03/08/88	9090
				06/14/88	9490	06/14/88	11100	06/14/88	8380
FMANGAN	PPB	5		03/08/88		03/08/88	27	03/08/88	8
				06/14/88		06/14/88	24	06/14/88	
FPOTASS	PPB	100		03/08/88	4680	03/08/88	4920	03/08/88	4650
				06/14/88	4190	06/14/88	4550	06/14/88	3980
FSODIUM	PPB	200		03/08/88	12800	03/08/88	10100	03/08/88	13900
				06/14/88	11300	06/14/88	10700	06/14/88	11600
FSTRONT	PPB	10		03/08/88	239	03/08/88	243	03/08/88	178
				06/14/88	217	06/14/88	263	06/14/88	163

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-H3-2A	SAMPLE DATE	1-H3-2B	SAMPLE DATE	1-H3-2C
FVANADI	PPB	5		03/08/88	9	03/08/88	5	03/08/88	18
				06/14/88	9	06/14/88	6	06/14/88	20
FZINC	PPB	5		03/08/88		03/08/88	20	03/08/88	5
FZINC	PPB	5		06/14/88		06/14/88		06/14/88	
IRON	PPB	50		03/08/88		03/08/88		03/08/88	
				06/14/88	57	06/14/88		06/14/88	
LFLUORD	PPB	50	4000	06/14/88	220	06/14/88	211	06/14/88	366
MAGNES	PPB	0		03/08/88	9520	03/08/88	10100	03/08/88	9070
				06/14/88	9170	06/14/88	11200	06/14/88	8830
MANGESE	PPB	5		03/08/88		03/08/88	27	03/08/88	8
				06/14/88		06/14/88	21	06/14/88	
NITRATE	PPB	500	45000	03/08/88	19200	03/08/88	17400	03/08/88	3660
				06/14/88	17100	06/14/88	22100	06/14/88	3310
PH-LAB		0.01		03/08/88	8.03	03/08/88	8.18	03/08/88	8.10
				06/14/88	7.90	06/14/88	8	06/14/88	8
PHFIELD		0.10		03/08/88	7.90	03/08/88	8	03/08/88	8
				06/14/88	7.50	06/14/88	7.80	06/14/88	7.30
POTASUM	PPB	100		03/08/88	4340	03/08/88	4790	03/08/88	4680
				06/14/88	4510	06/14/88	5420	06/14/88	4960
RADIUM	PCI/L	1	5	03/08/88	0.33	03/08/88		03/08/88	0.23
					(0.18)				(0.17)
				06/14/88		06/14/88		06/14/88	0.16
									(0.16)
SODIUM	PPB	200		03/08/88	12200	03/08/88	10000	03/08/88	14500
				06/14/88	11400	06/14/88	12000	06/14/88	13400
STRONUM	PPB	10		03/08/88	224	03/08/88	239	03/08/88	180
				06/14/88	210	06/14/88	253	06/14/88	171
SULFATE	PPB	500		03/08/88	41200	03/08/88	42500	03/08/88	25500
				06/14/88	38600	06/14/88	48600	06/14/88	21600
TC	PPB	2000		03/08/88	19400	03/08/88	27500	03/08/88	26700
				06/14/88	25100	06/14/88	27500	06/14/88	24200
TDS				03/08/88	213000 @	03/08/88	206000 @	03/08/88	174000 @
				06/14/88	219000 @	06/14/88	252000 @	06/14/88	182000 @
U-CHEM	UG/L	0.73		03/08/88	2.09	03/08/88	2.51	03/08/88	1.26
				06/14/88	2.22	06/14/88	3.47	06/14/88	1.31
VANADUM	PPB	5		03/08/88	7	03/08/88	7	03/08/88	16
				06/14/88	8	06/14/88	7	06/14/88	17
ZINC	PPB	5		03/08/88	12	03/08/88		03/08/88	10
				06/14/88	8	06/14/88		06/14/88	7

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-H4-3	SAMPLE DATE	1-H4-4	SAMPLE DATE	1-H4-5
1,1,1-T	PPB	10	200	01/07/88		01/06/88		03/16/88	
				02/11/88	31	01/06/88		06/13/88	
				03/09/88		02/11/88			NR
				04/14/88		02/11/88			NR
				05/04/88		03/10/88			NR
				06/07/88	27	03/10/88			NR
					NR	04/13/88			NR
					NR	04/13/88			NR
					NR	04/13/88			NR
					NR	05/03/88			NR
					NR	05/03/88			NR
					NR	06/07/88			NR
					NR	06/07/88			NR
ALKALIN					NR	06/07/88	116000 @	06/13/88	143000 @
ALPHA	PCI/L	4	15	01/07/88	113 + (14.30)	01/06/88	60.30 + (8.59)	03/16/88	
				02/11/88	125 + (14.80)	01/06/88	44.50 + (7.12)	06/13/88	2.97 (1.62)
				03/09/88	148 + (16)	02/11/88	47.20 + (8.01)		NR
				04/14/88	162 + (16.30)	02/11/88	57.50 + (9.57)		NR
				04/15/88	115 + (4.48)	03/10/88	118 + (14.30)		NR
				05/04/88	128 + (13.70)	03/10/88	105 + (12.70)		NR
				06/07/88	105 + (12.80)	04/13/88	101 + (12.70)		NR
					NR	04/13/88	108 + (12.80)		NR
					NR	05/03/88	78.80 + (10.10)		NR
					NR	05/03/88	97.60 + (12)		NR
					NR	06/07/88	34.20 + (2.45)		NR
					NR	06/07/88	26.30 + (4.27)		NR
					NR	06/07/88	25.30 + (4.23)		NR
ALUMNUM	PPB	150		01/07/88		01/06/88		03/16/88	
				02/11/88	185	02/11/88		06/13/88	
				03/09/88	235	03/10/88			NR
				04/14/88	4120	04/13/88			NR
				05/04/88	1090	05/03/88			NR

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-H4-3	SAMPLE DATE	1-H4-4	SAMPLE DATE	1-H4-5
				06/07/88		06/07/88			NR
AMMONIU	PPB	50		01/07/88		01/06/88		03/16/88	
				02/11/88		01/06/88		06/13/88	
AMMONIU	PPB	50		03/09/88		02/11/88	54		NR
				04/14/88		02/11/88			NR
				05/04/88		03/10/88			NR
				06/07/88		03/10/88			NR
					NR	04/13/88			NR
					NR	04/13/88			NR
					NR	05/03/88			NR
					NR	05/03/88			NR
					NR	06/07/88			NR
					NR	06/07/88			NR
ARSENIC	PPB	5	50	01/07/88		01/06/88	5	03/16/88	5
				02/11/88		02/11/88		06/13/88	5
				03/09/88		03/10/88	5		NR
				04/14/88		04/13/88	5		NR
				05/04/88		05/03/88			NR
				06/07/88	5	06/07/88			NR
BARIUM	PPB	6	1000	01/07/88	14	01/06/88	43	03/16/88	69
				02/11/88	51	02/11/88	70	06/13/88	69
				03/09/88	59	03/10/88	73		NR
				04/14/88	61	04/13/88	65		NR
				05/04/88	32	05/03/88	67		NR
				06/07/88	21	06/07/88	43		NR
BETA	PCI/L	8	50	01/07/88	190 + (13.80)	01/06/88	149 + (11.70)	03/16/88	5.81 (3.75)
				02/11/88	469 + (21.40)	01/06/88	139 + (11.40)	06/13/88	7.23 (4.19)
				03/09/88	733 + (32.40)	02/11/88	210 + (14)		NR
				04/14/88	230 + (15.20)	02/11/88	208 + (14)		NR
				04/15/88	266 + (12)	03/10/88	272 + (16.30)		NR
				05/04/88	198 + (13.90)	03/10/88	248 + (15.50)		NR
				06/07/88	175 + (13.10)	04/13/88	253 + (15.90)		NR
					NR	04/13/88	257 + (15.90)		NR
					NR	05/03/88	252 + (15.50)		NR
					NR	05/03/88	246 + (15.40)		NR

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-H4-3		SAMPLE DATE	1-H4-4		SAMPLE DATE	1-H4-5	
					NR		06/07/88	78.30 + (6.18)			NR	
					NR		06/07/88	76.10 + (8.43)			NR	
					NR		06/07/88	80.60 + (8.84)			NR	
CALCIUM	PPB	50		01/07/88	11900		01/06/88	34700		03/16/88	76700	
CALCIUM	PPB	50		02/11/88	31200		02/11/88	48100		06/13/88	73300	
				03/09/88	36400		03/10/88	53000			NR	
				04/14/88	26000		04/13/88	44300			NR	
				05/04/88	18400		05/03/88	46800			NR	
				06/07/88	14900		06/07/88	40300			NR	
CHLFORM	PPB	10	100	01/07/88	17		01/06/88			03/16/88	13	
				02/11/88	11		01/06/38			06/13/88	11	
				03/09/88	14		02/11/88	12			NR	
				04/14/88	12		02/11/88	12			NR	
				05/04/88			03/10/88	14			NR	
				06/07/88	12		03/10/88	15			NR	
					NR		04/13/88	14			NR	
					NR		04/13/88	14			NR	
					NR		04/13/88	14			NR	
					NR		05/03/88	12			NR	
					NR		05/03/88	12			NR	
					NR		06/07/88				NR	
					NR		06/07/88				NR	
CHLORID	PPB	500		01/07/88	10300		01/06/88	6400		03/16/88	6850	
				02/11/88	9370		01/06/88	6340		06/13/88	9100	
				03/09/88	10300		02/11/88	6710			NR	
				04/14/88	9400		02/11/88	6600			NR	
				05/04/88	9200		03/10/88	7080			NR	
				06/07/88	10800		03/10/88	7080			NR	
				06/10/88	9840		04/13/88	7000			NR	
					NR		04/13/88	7100			NR	
					NR		05/03/88	7050			NR	
					NR		05/03/88	7060			NR	
					NR		06/07/88	5480			NR	
					NR		06/07/88	5500			NR	
CHROMUM	PPB	10	50	01/07/88	212	*	01/06/88	238	*	03/16/88	143	*
				02/11/88	309	*	02/11/88	291	*	06/13/88	127	*
				03/09/88	364	*	03/10/88	284	*		NR	
				04/14/88	232	*	04/13/88	277	*		NR	
				05/04/88	197	*	05/03/88	291	*		NR	
				06/07/88	186	*	06/07/88	113	*		NR	
CONDFLD	µMHO	1		01/07/88	735		01/06/88	686		03/16/88	458	
				02/11/88	1304		02/11/88	779		06/13/88	478	

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-H4-3		SAMPLE DATE	1-H4-4	SAMPLE DATE	1-H4-5
				03/09/88	977		03/10/88	868		NR
				04/14/88	1200		04/13/88	1028		NR
				05/04/88	749		05/03/88	627		NR
				06/07/88	811		06/07/88	466		NR
				06/10/88	583			NR		NR
CONDLAB	µMHO			06/10/88	757	@		NR		NR
COPPER	PPB	10	(1300.0)	01/07/88			01/06/88	49	03/16/88	
				02/11/88	34		02/11/88		06/13/88	
				03/09/88	29		03/10/88			NR
				04/14/88			04/13/88			NR
				05/04/88			05/03/88			NR
COPPER	PPB	10	(1300.0)	06/07/88			06/07/88			NR
FARSENI	PPB	5	50	01/07/88			01/06/88	5	03/16/88	7
				02/11/88			02/11/88	5	06/13/88	
				03/09/88			02/11/88			NR
				04/14/88			03/10/88			NR
				05/04/88			03/10/88	5		NR
				06/07/88			04/13/88	5		NR
					NR		04/13/88	6		NR
					NR		05/03/88			NR
					NR		05/03/88			NR
					NR		06/07/88			NR
					NR		06/07/88			NR
FBARIUM	PPB	6	1000	01/07/88	20		01/06/88	36	03/16/88	70
				02/11/88	44		01/06/88	35	06/13/88	77
				03/09/88	55		02/11/88	62		NR
				04/14/88	45		02/11/88	65		NR
				05/04/88	23		03/10/88	72		NR
				06/07/88	20		03/10/88	70		NR
					NR		04/13/88	61		NR
					NR		04/13/88	73		NR
					NR		05/03/88	59		NR
					NR		05/03/88	65		NR
					NR		06/07/88	41		NR
					NR		06/07/88	44		NR
FCADMIU	PPB	2	10	01/07/88			01/06/88		03/16/88	
				02/11/88			01/06/88	2	06/13/88	
				03/09/88			02/11/88			NR
				04/14/88			02/11/88			NR
				05/04/88			03/10/88			NR
				06/07/88			03/10/88			NR
					NR		04/13/88			NR
					NR		04/13/88			NR
					NR		05/03/88			NR
					NR		05/03/88			NR

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-H4-3		SAMPLE DATE	1-H4-4		SAMPLE DATE	1-H4-5	
					NR		06/07/88				NR	
					NR		06/07/88				NR	
FCALCIU	PPB	50		01/07/88	11800		01/06/88	29500		03/16/88	78500	
				02/11/88	27600		01/06/88	30100		06/13/88	82300	
				03/09/88	40100		02/11/88	42800			NR	
				04/14/88	36000		02/11/88	43200			NR	
				05/04/88	16900		03/10/88	45200			NR	
				06/07/88	15400		03/10/88	46600			NR	
					NR		04/13/88	40200			NR	
					NR		04/13/88	46700			NR	
					NR		05/03/88	40300			NR	
					NR		05/03/88	45000			NR	
					NR		06/07/88	40100			NR	
					NR		06/07/88	40700			NR	
FCHROMI	PPB	10	50	01/07/88	217	*	01/06/88	172	*	03/16/88	135	*
FCHROMI	PPB	10	50	02/11/88	262	*	01/06/88	180	*	06/13/88	142	*
				03/09/88	252	*	02/11/88	207	*		NR	
				04/14/88	243	*	02/11/88	209	*		NR	
				05/04/88	186	*	03/10/88	245	*		NR	
				06/07/88	176	*	03/10/88	252	*		NR	
					NR		04/13/88	247	*		NR	
					NR		04/13/88	285	*		NR	
					NR		05/03/88	212	*		NR	
					NR		05/03/88	235	*		NR	
					NR		06/07/88	106	*		NR	
					NR		06/07/88	106	*		NR	
FCOPPER	PPB	10	(1300.0)	01/07/88			01/06/88			03/16/88		
				02/11/88	24		01/06/88			06/13/88		
				03/09/88	23		02/11/88				NR	
				04/14/88	11		02/11/88				NR	
				05/04/88			03/10/88				NR	
				06/07/88			03/10/88				NR	
					NR		04/13/88				NR	
					NR		04/13/88				NR	
					NR		05/03/88				NR	
					NR		05/03/88				NR	
					NR		06/07/88				NR	
					NR		06/07/88				NR	
FIRON	PPB	50		01/07/88			01/06/88			03/16/88		
				02/11/88			01/06/88			06/13/88		
				03/09/88	54		02/11/88				NR	
				04/14/88			02/11/88				NR	
				05/04/88			03/10/88				NR	
				06/07/88			03/10/88				NR	
					NR		04/13/88				NR	

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-H4-3	SAMPLE DATE	1-H4-4	SAMPLE DATE	1-H4-5
					NR	04/13/88			NR
					NR	05/03/88			NR
					NR	05/03/88			NR
					NR	06/07/88			NR
					NR	06/07/88			NR
FLUORID	PPB	500	4000	01/07/88	939	01/06/88	715	03/16/88	
				02/11/88		01/06/88	702	06/13/88	
				03/09/88		02/11/88			NR
				04/14/88	904	02/11/88			NR
				05/04/88	743	03/10/88	1300		NR
				06/07/88	756	03/10/88	1310		NR
				06/10/88	947	04/13/88	741		NR
					NR	04/13/88	825		NR
					NR	05/03/88	693		NR
					NR	05/03/88	688		NR
					NR	06/07/88			NR
					NR	06/07/88			NR
FMAGNES	PPB	50		01/07/88	1960	01/06/88	4250	03/16/88	12800
				02/11/88	4820	01/06/88	4430	06/13/88	14200
FMAGNES	PPB	50		03/09/88	6690	02/11/88	7010		NR
				04/14/88	5830	02/11/88	7040		NR
				05/04/88	2910	03/10/88	7120		NR
				06/07/88	2640	03/10/88	7240		NR
					NR	04/13/88	6150		NR
					NR	04/13/88	6800		NR
					NR	05/03/88	6160		NR
					NR	05/03/88	6690		NR
					NR	06/07/88	7130		NR
					NR	06/07/88	7230		NR
FMANGAN	PPB	5		01/07/88		01/06/88		03/16/88	
				02/11/88		01/06/88		06/13/88	
				03/09/88	7	02/11/88			NR
				04/14/88		02/11/88			NR
				05/04/88		03/10/88			NR
				06/07/88		03/10/88			NR
					NR	04/13/88			NR
					NR	04/13/88			NR
					NR	05/03/88			NR
					NR	05/03/88			NR
					NR	06/07/88			NR
					NR	06/07/88			NR
FNICKEL	PPB	10		01/07/88		01/06/88		03/16/88	
				02/11/88	27	01/06/88		06/13/88	
				03/09/88	27	02/11/88			NR
				04/14/88	23	02/11/88	10		NR

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-H4-3	SAMPLE DATE	1-H4-4	SAMPLE DATE	1-H4-5
				05/04/88		03/10/88	13		NR
				06/07/88	13	03/10/88	15		NR
					NR	04/13/88	13		NR
					NR	04/13/88	11		NR
					NR	05/03/88	10		NR
					NR	05/03/88	11		NR
					NR	06/07/88			NR
					NR	06/07/88			NR
FPOTASS	PPB	100		01/07/88	3750	01/06/88	4120	03/16/88	5420
				02/11/88	5730	01/06/88	4380	06/13/88	5780
				03/09/88	6450	02/11/88	5230		NR
				04/14/88	5470	02/11/88	5200		NR
				05/04/88	3940	03/10/88	6030		NR
				06/07/88	3920	03/10/38	6000		NR
					NR	04/13/88	5630		NR
					NR	04/13/88	5670		NR
					NR	05/03/88	5540		NR
					NR	05/03/88	6020		NR
					NR	06/07/88	4020		NR
					NR	06/07/88	4320		NR
FSODIUM	PPB	200		01/07/88	197000	01/06/88	95900	03/16/88	12900
				02/11/88	296000	01/06/88	99200	06/13/88	13500
				03/09/88	323000	02/11/88	121000		NR
FSODIUM	PPB	200		04/14/88	574000	02/11/88	120000		NR
				05/04/88	178000	03/10/88	165000		NR
				06/07/88	194000	03/10/88	168000		NR
					NR	04/13/88	161000		NR
					NR	04/13/88	164000		NR
					NR	05/03/88	137000		NR
					NR	05/03/88	146000		NR
					NR	06/07/88	42400		NR
					NR	06/07/88	41400		NR
FSTRONT	PPB	10		01/07/88	65	01/06/88	142	03/16/88	355
				02/11/88	163	01/06/88	147	06/13/88	361
				03/09/88	218	02/11/88	231		NR
				04/14/88	193	02/11/88	233		NR
				05/04/88	87	03/10/88	259		NR
				06/07/88	83	03/10/88	260		NR
					NR	04/13/88	216		NR
					NR	04/13/88	248		NR
					NR	05/03/88	211		NR
					NR	05/03/88	228		NR
					NR	06/07/88	191		NR
					NR	06/07/88	194		NR
FVANADI	PPB	5		01/07/88	8	01/06/88	6	03/16/88	

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-H4-3	SAMPLE DATE	1-H4-4	SAMPLE DATE	1-H4-5
				02/11/88	7	01/06/88		06/13/88	9
				03/09/88		02/11/88			NR
				04/14/88		02/11/88			NR
				05/04/88	8	03/10/88			NR
				06/07/88	7	03/10/88	6		NR
					NR	04/13/88	7		NR
					NR	04/13/88			NR
					NR	05/03/88			NR
					NR	05/03/88			NR
					NR	06/07/88	5		NR
					NR	06/07/88	8		NR
FZINC	PPB	5		01/07/88		01/06/88	133	03/16/88	99
				02/11/88		01/06/88	129	06/13/88	173
				03/09/88		02/11/88	96		NR
				04/14/88		02/11/88	102		NR
				05/04/88		03/10/88	173		NR
				06/07/88		03/10/88	138		NR
					NR	04/13/88	80		NR
					NR	04/13/88	91		NR
					NR	05/03/88	122		NR
					NR	05/03/88	137		NR
					NR	06/07/88	73		NR
					NR	06/07/88	70		NR
IRON	PPB	50		01/07/88	80	01/06/88	1080	03/16/88	700
				02/11/88	1580	02/11/88	983	06/13/88	133
				03/09/88	2210	03/10/88	94		NR
				04/14/88	5850	04/13/88	411		NR
IRON	PPB	50		05/04/88	1750	05/03/88	448		NR
				06/07/88	152	06/07/88	58		NR
LEADGF	PPB	5	50	01/07/88		01/06/88		03/16/88	5
				02/11/88		02/11/88	5	06/13/88	
				03/09/88		03/10/88			NR
				04/14/88		04/13/88			NR
				05/04/88		05/03/88			NR
				06/07/88		06/07/88			NR
LFLUORD	PPB	50	4000	04/14/88	240	04/13/88	359	06/13/88	174
				05/04/88	220	04/13/88	352		NR
				06/07/88	281	05/03/88	248		NR
					NR	05/03/88	256		NR
					NR	06/07/88	238		NR
					NR	06/07/88	233		NR
MAGNES	PPB	0		01/07/88	2050	01/06/88	5070	03/16/88	12300
				02/11/88	5230	02/11/88	7620	06/13/88	12700
				03/09/88	5980	03/10/88	7640		NR
				04/14/88	5580	04/13/88	6490		NR

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-H4-3		SAMPLE DATE	1-H4-4		SAMPLE DATE	1-H4-5
				05/04/88	3410		05/03/88	6790			NR
				06/07/88	2570		06/07/88	7270			NR
MANGESE	PPB	5		01/07/88			01/06/88	5		03/16/88	
				02/11/88	30		02/11/88	5		06/13/88	
				03/09/88	18		03/10/88				NR
				04/14/88	60		04/13/88				NR
				05/04/88	17		05/03/88				NR
				06/07/88			06/07/88				NR
NI-63	PCI/L	10	50	03/09/88	7.89			NR			NR
					(2.13)						
				04/15/88				NR			NR
NICKEL	PPB	10		01/07/88	10		01/06/88	11		03/16/88	
				02/11/88	33		02/11/88	12		06/13/88	
				03/09/88	28		03/10/38	16			NR
				04/14/88	18		04/13/88	12			NR
				05/04/88	16		05/03/88	13			NR
				06/07/88	10		06/07/88				NR
NITRATE	PPB	500	45000	01/07/88	273000	*	01/06/88	162000	*	03/16/88	40800
				02/11/88	619000	*	01/06/88	161000	*	06/13/88	39500
				03/09/88	663000	*	02/11/88	288000	*		NR
				04/14/88	302000	*	02/11/88	281000	*		NR
				05/04/88	227000	*	03/10/88	320000	*		NR
				06/07/88	218000	*	03/10/88	305000	*		NR
				06/10/88	207000	*	04/13/88	297000	*		NR
					NR		04/13/88	299000	*		NR
					NR		05/03/88	274000	*		NR
					NR		05/03/88	278000	*		NR
					NR		06/07/88	79300	*		NR
					NR		06/07/88	79800	*		NR
PERCENE	PPB	10		01/07/88			01/06/88			03/16/88	
				02/11/88	13		01/06/88			06/13/88	
PERCENE	PPB	10		03/09/88			02/11/88				NR
				04/14/88			02/11/88				NR
				05/04/88			03/10/88				NR
				06/07/88			03/10/88				NR
					NR		04/13/88				NR
					NR		04/13/88				NR
					NR		04/13/88				NR
					NR		05/03/88				NR
					NR		05/03/88				NR
					NR		06/07/88				NR
					NR		06/07/88				NR
PH-LAB		0.01		01/07/88	8.06		01/06/88	7.83		03/16/88	7.87
				02/11/88	7.89		02/11/88	7.69		06/13/88	7.60
				03/09/88	8.15		03/10/88	8.02			NR

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-H4-3	SAMPLE DATE	1-H4-4	SAMPLE DATE	1-H4-5
				04/14/88	8.20	04/13/88	7.99		NR
				05/04/88	8.10	05/03/88	8		NR
				06/10/88	8.20	06/07/88	8		NR
PHFIELD		0.10		01/07/88	8.70	01/06/88	6.80	03/16/88	7.60
				02/11/88	7.70	02/11/88	7.70	06/13/88	7.70
				03/09/88	8.10	03/10/88	8		NR
				04/14/88	8.40	04/13/88	7.80		NR
				05/04/88	8.30	05/03/88	7.90		NR
				06/07/88	8.30	06/07/88	8		NR
				06/10/88	8.60		NR		NR
PHOSPHA	PPB	1000		01/07/88	13100	01/06/88	7350	03/16/88	
				02/11/88		01/06/88	8670	06/13/88	
				03/09/88		02/11/88			NR
				04/14/88		02/11/88			NR
				05/04/88		03/10/88			NR
				06/07/88		03/10/88			NR
				06/10/88		04/13/88			NR
					NR	04/13/88			NR
					NR	05/03/88			NR
					NR	05/03/88			NR
					NR	06/07/88			NR
					NR	06/07/88			NR
POTASUM	PPB	100		01/07/88	3740	01/06/88	3960	03/16/88	4440
				02/11/88	5690	02/11/88	5330	06/13/88	5370
				03/09/88	6040	03/10/88	5910		NR
				04/14/88	5070	04/13/88	5670		NR
				05/04/88	4120	05/03/88	5750		NR
				06/07/88	4100	06/07/88	4690		NR
RADIUM	PCI/L	1	5	01/07/88		01/06/88		03/16/88	
				02/11/88		02/11/88	0.16	06/13/88	
							(0.14)		
				03/09/88		03/10/88			NR
				04/14/88		04/13/88			NR
				05/04/88		05/03/88			NR
				06/07/88		06/07/88			NR
SELENUM	PPB	5	10	01/07/88		01/06/88		03/16/88	
				02/11/88		02/11/88		06/13/88	
				03/09/88		03/10/88			NR
				04/14/88	7	04/13/88			NR
				05/04/88		05/03/88			NR
				06/07/88		06/07/88			NR
SODIUM	PPB	200		01/07/88	209000	01/06/88	81400	03/16/88	10800
				02/11/88	301000	02/11/88	116000	06/13/88	12200
				03/09/88	310000	03/10/88	159000		NR
				04/14/88	209000	04/13/88	157000		NR

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-H4-3		SAMPLE DATE	1-H4-4		SAMPLE DATE	1-H4-5	
				05/04/88	168000		05/03/88	144000			NR	
				06/07/88	183000		06/07/88	46500			NR	
SR 90	PCI/L	5	8	03/09/88	1.62			NR			NR	
					{ 0.57}							
				06/07/88	0.70			NR			NR	
					{ 0.52}							
STRONUM	PPB	10		01/07/88	66		01/06/88	169		03/16/88	343	
				02/11/88	169		02/11/88	242		06/13/88	330	
				03/09/88	201		03/10/88	269			NR	
				04/14/88	141		04/13/88	230			NR	
				05/04/88	95		05/03/88	233			NR	
				06/07/88	85		06/07/88	199			NR	
SULFATE	PPB	500		01/07/88	89100		01/06/88	57400		03/16/88	78100	
				02/11/88	107000		01/06/38	58000		06/13/88	72300	
				03/09/88	119000		02/11/88	64100			NR	
				04/14/88	87200		02/11/88	63600			NR	
				05/04/88	77800		03/10/88	81600			NR	
				06/07/88	88300		03/10/88	81900			NR	
				06/10/88	81100		04/13/88	70600			NR	
					NR		04/13/88	71200			NR	
					NR		05/03/88	61600			NR	
					NR		05/03/88	61200			NR	
					NR		06/07/88	46400			NR	
					NR		06/07/88	46100			NR	
TC	PPB	2000		01/07/88	33600		01/06/88	27900		03/16/88	34900	
				02/11/88	34900		02/11/88	30400		06/13/88	33000	
				03/09/88	38100		03/10/88	34800			NR	
				04/14/88	36600		04/13/88	32800			NR	
				05/04/88	37100		05/03/88	31600			NR	
				06/07/88	37600		06/07/88	26700			NR	
TC-99	PCI/L	15	900	03/09/88	4430	*	03/10/88	2320	*	03/16/88		
					{ 12.20}			{ 8.92}				
				04/14/88	1940	*	04/13/88	2110	*	06/13/88		
					{ 8.20}			{ 8.46}				
				05/04/88	1350	*	05/03/88	1860	*		NR	
					{ 6.93}			{ 7.77}				
				06/07/88	1320	*	06/07/88	426			NR	
					{ 6.86}			{ 4.05}				
TDS				01/07/88	428000	@	01/06/88	408000	@	03/16/88	327000	@
				02/11/88	1140000	@	02/11/88	595000	@	06/13/88	337000	@
				03/09/88	1190000	@	03/10/88	730000	@		NR	
				04/14/88	759000	@	04/13/88	707000	@		NR	
				05/04/88	902000	@	05/03/88	649000	@		NR	
					NR		06/07/88	300000	@		NR	

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-H4-3	SAMPLE DATE	1-H4-4	SAMPLE DATE	1-H4-5
TOX	PPB	100		01/07/88		01/06/88		03/16/88	
				02/11/88		02/11/88		06/13/88	
				03/09/88	517	03/10/88			NR
				04/14/88		04/13/88			NR
				05/04/88		05/03/88			NR
				06/07/88		06/07/88			NR
TRITIUM	PCI/L	500	20000	03/09/88	1140	03/10/88	1490	03/16/88	5550
					{ 235 }		{ 246 }		{ 344 }
				04/15/88	2520	06/07/88	1650	06/13/88	2560
					{ 186 }		{ 245 }		{ 269 }
				04/15/88	2640	06/07/88	1680		NR
					{ 189 }		{ 245 }		
U-CHEM	UG/L	0.73		03/09/88	237	03/10/88	118	03/16/88	4.78
				04/14/88	126	03/10/38	124	06/13/88	3.68
				05/04/88	114	04/13/88	128		NR
				06/07/88	93.60	04/13/88	118		NR
					NR	05/03/88	88.20		NR
					NR	05/03/88	81.90		NR
					NR	06/07/88	38		NR
					NR	06/07/88	27.60		NR
VANADUM	PPB	5		01/07/88	10	01/06/88		03/16/88	8
				02/11/88	6	02/11/88	5	06/13/88	
				03/09/88	6	03/10/88			NR
				04/14/88	16	04/13/88			NR
				05/04/88	13	05/03/88			NR
				06/07/88	6	06/07/88			NR
ZINC	PPB	5		01/07/88		01/06/88	260	03/16/88	148
				02/11/88	6	02/11/88	215	06/13/88	228
				03/09/88		03/10/88	138		NR
				04/14/88	8	04/13/88	104		NR
				05/04/88	6	05/03/88	149		NR
				06/07/88		06/07/88	101		NR

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-H4-6		SAMPLE DATE	1-H4-7		SAMPLE DATE	1-H4-8	
ALKALIN				06/15/88	151000	@	06/13/88	138000	@	06/13/88	150000	@
ALPHA	PCI/L	4	15	03/16/88	3.98		03/14/88	3.12		03/11/88	3.17	
					(2)			(1.66)			(1.67)	
				06/15/88	3.61		06/13/88	1.86		06/13/88	4.18	
					(1.84)			(1.26)			(1.87)	
ALUMNUM	PPB	150		03/16/88			03/14/88			03/11/88		
				06/15/88			06/13/88			06/13/88	216	
BARIUM	PPB	6	1000	03/16/88	50		03/14/88	41		03/11/88	50	
				06/15/88	45		06/13/88	47		06/13/88	48	
BETA	PCI/L	8	50	03/16/88	7.90		03/14/88	7.16		03/11/88	4.28	
					(4.13)			(3.86)			(3.55)	
				06/15/88	8.28		06/13/88	12.90		06/13/88	10	
					(4.21)			(4.48)			(4.30)	
CALCIUM	PPB	50		03/16/88	72500		03/14/38	67900		03/11/88	83800	
				06/15/88	59200		06/13/88	73200		06/13/88	72400	
CHLFORM	PPB	10	100	03/16/88			03/14/88	14		03/11/88	10	
				06/15/88			06/13/88	12		06/13/88		
CHLORID	PPB	500		03/16/88	14800		03/14/88	8130		03/11/88	9800	
				06/15/88	14600		06/13/88	10600		06/13/88	11000	
CHROMUM	PPB	10	50	03/16/88	89	*	03/14/88	121	*	03/11/88	107	*
				06/15/88	70	*	06/13/88	115	*	06/13/88	98	*
CONDFLD	µMHO	1		03/16/88	492		03/14/88	431		03/11/88	433	
				06/15/88	477		06/13/88	451		06/13/88	494	
COPPER	PPB	10	(1300.0)	03/16/88			03/14/88	11		03/11/88		
				06/15/88			06/13/88			06/13/88		
FBARIUM	PPB	6	1000	03/16/88	46		03/14/88	40		03/11/88	44	
				06/15/88	45		06/13/88	48		06/13/88	50	
FCALCIU	PPB	50		03/16/88	71700		03/14/88	66600		03/11/88	74600	
				06/15/88	73100		06/13/88	76800		06/13/88	81300	
FCHROMI	PPB	10	50	03/16/88	90	*	03/14/88	113	*	03/11/88	93	*
				06/15/88	82	*	06/13/88	117	*	06/13/88	103	*
FIRON	PPB	50		03/16/88	84		03/14/88	80		03/11/88		
				06/15/88			06/13/88			06/13/88		
FLEAD	PPB	5	50	03/16/88			03/14/88	26		03/11/88		
				06/15/88			06/13/88			06/13/88		
FMAGNES	PPB	50		03/16/88	15400		03/14/88	12900		03/11/88	12500	
				06/15/88	15700		06/13/88	14700		06/13/88	13400	
FMANGAN	PPB	5		03/16/88	63		03/14/88			03/11/88		
				06/15/88	73		06/13/88			06/13/88		
FPOTASS	PPB	100		03/16/88	6600		03/14/88	5790		03/11/88	5200	
				06/15/88	5810		06/13/88	6260		06/13/88	5520	
FSODIUM	PPB	200		03/16/88	26200		03/14/88	13200		03/11/88	13400	
				06/15/88	23500		06/13/88	14700		06/13/88	13900	
FSTRONT	PPB	10		03/16/88	371		03/14/88	316		03/11/88	335	

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-H4-6	SAMPLE DATE	1-H4-7	SAMPLE DATE	1-H4-8
				06/15/88	367	06/13/88	349	06/13/88	352
FVANADI	PPB	5		03/16/88		03/14/88	6	03/11/88	7
				06/15/88		06/13/88	9	06/13/88	7
FZINC	PPB	5		03/16/88	171	03/14/88	9	03/11/88	8
FZINC	PPB	5		06/15/88	243	06/13/88	5	06/13/88	
IRON	PPB	50		03/16/88	234	03/14/88		03/11/88	50
				06/15/88	146	06/13/88		06/13/88	453
LFLUORD	PPB	50	4000	06/15/88	225	06/13/88	187	06/13/88	189
MAGNES	PPB	0		03/16/88	15400	03/14/88	13000	03/11/88	13400
				06/15/88	14300	06/13/88	14200	06/13/88	12500
MANGESE	PPB	5		03/16/88	102	03/14/88		03/11/88	
				06/15/88	77	06/13/88		06/13/88	15
METHYCH	PPB	5		03/16/88		03/14/88		03/11/88	
				06/15/88	580	06/13/88		06/13/88	
NITRATE	PPB	500	45000	03/16/88	40000	03/14/88	30300	03/11/88	37100
				06/15/88	38900	06/13/88	36600	06/13/88	38400
PH-LAB		0.01		03/16/88	8.05	03/14/88	7.87	03/11/88	7.84
				06/15/88	7.80	06/13/88	7.70	06/13/88	7.70
PHFIELD		0.10		03/16/88	8.10	03/14/88	8.20	03/11/88	7.70
				06/15/88	7.40	06/13/88	7.30	06/13/88	7.50
POTASUM	PPB	100		03/16/88	5890	03/14/88	5380	03/11/88	5240
				06/15/88	6530	06/13/88	6040	06/13/88	5420
RADIUM	PCI/L	1	5	03/16/88		03/14/88	0.25	03/11/88	
							(0.17)		
				06/15/88		06/13/88		06/13/88	
SODIUM	PPB	200		03/16/88	23300	03/14/88	12600	03/11/88	13700
				06/15/88	25600	06/13/88	13400	06/13/88	12900
STRONUM	PPB	10		03/16/88	378	03/14/88	321	03/11/88	353
				06/15/88	337	06/13/88	336	06/13/88	321
SULFATE	PPB	500		03/16/88	99400	03/14/88	73300	03/11/88	77600
				06/15/88	91600	06/13/88	85700	06/13/88	74000
TC	PPB	2000		03/16/88	34900	03/14/88	31900	03/11/88	38700
				06/15/88	33800	06/13/88	32000	06/13/88	34200
TDS				03/16/88	360000 @	03/14/88	301000 @	03/11/88	335000 @
				06/15/88	386000 @	06/13/88	356000 @	06/13/88	331000 @
TOX	PPB	100		03/16/88		03/14/88		03/11/88	
				06/15/88	720	06/13/88		06/13/88	
TRITIUM	PCI/L	500	20000	03/16/88	2320	03/14/88	3450		NR
					(269)		(296)		
				06/15/88	4900	06/13/88	7820		NR
					(278)		(360)		

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-H4-6	SAMPLE DATE	1-H4-7	SAMPLE DATE	1-H4-8
U-CHEM	UG/L	0.73		03/16/88	4.43	03/14/88	5.49	03/11/88	4
				06/15/88	5.14	06/13/88	4.22	06/13/88	4.91
VANADUM	PPB	5		03/16/88	8	03/14/88	9	03/11/88	
				06/15/88		06/13/88		06/13/88	
ZINC	PPB	5		03/16/88	177	03/14/88	12	03/11/88	6
				06/15/88	176	06/13/88	9	06/13/88	8

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-H4-9	SAMPLE DATE	1-H4-10	SAMPLE DATE	1-H4-11
ALKALIN				06/07/88	162000 @	06/08/88	102000 @	06/09/88	116000 @
ALPHA	PCI/L	4	15	01/07/88	8.65	03/09/88		01/07/88	1.59
					(4.02)				(1.14)
				02/10/88	14.50	06/08/88	1.45	02/10/88	2.57
					(4.90)		(1.03)		(1.39)
				03/11/88	8.70		NR	03/07/88	1.29
					(3.61)				(1.12)
				03/11/88	3.54		NR	04/14/88	1.55
					(2.34)				(1.09)
				06/07/88	4.91		NR	05/03/88	4.07
					(2.17)				(1.75)
				06/07/88	4.59		NR	06/09/88	2.26
					(1.98)				(1.24)
ARSENIC	PPB	5	50	01/07/88	8	03/09/88		01/07/88	
				02/10/88	7	06/08/88		02/10/88	
				03/11/88	6		NR	03/07/88	
				06/07/88	8		NR	04/14/88	
					NR		NR	05/03/88	
					NR		NR	06/09/88	
BARIUM	PPB	6	1000	01/07/88	86	03/09/88	72	01/07/88	38
				02/10/88	97	06/08/88	51	02/10/88	38
				03/11/88	105		NR	03/07/88	35
				06/07/88	59		NR	04/14/88	36
					NR		NR	05/03/88	36
					NR		NR	06/09/88	36
BETA	PCI/L	8	50	01/07/88	159 +	03/09/88	5.86	01/07/88	103 +
					(12.60)		(3.50)		(9.52)
				02/10/88	223 +	06/08/88		02/10/88	81 +
					(15.10)				(8.55)
				03/11/88	227 +		NR	03/07/88	60.40 +
					(15.10)				(7.56)
				03/11/88	203 +		NR	04/14/88	65.10 +
					(14.30)				(7.83)
				06/07/88	50.20 +		NR	05/03/88	70.30 +
					(7.38)				(8.10)
				06/07/88	41.50		NR	06/09/88	76.40 +
					(6.74)				(8.34)
CALCIUM	PPB	50		01/07/88	119000	03/09/88	45000	01/07/88	57200
				02/10/88	132000	06/08/88	33700	02/10/88	57000
				03/11/88	148000		NR	03/07/88	50400
				06/07/88	81400		NR	04/14/88	51100
					NR		NR	05/03/88	50000
					NR		NR	06/09/88	51100
CHLFORM	PPB	10	100	01/07/88	13	03/09/88		01/07/88	24
				01/07/88	14	06/08/88		02/10/88	24

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-H4-9		SAMPLE DATE	1-H4-10		SAMPLE DATE	1-H4-11	
				02/10/88	12			NR		03/07/88	24	
				03/11/88	12			NR		04/14/88	21	
				03/11/88	12			NR		05/03/88	23	
CHLFORM	PPB	10	100	06/07/88	10			NR		06/09/88	22	
				06/07/88	10			NR			NR	
CHLORID	PPB	500		01/07/88	10900		03/09/88	6020		01/07/88	5560	
				01/07/88	10800		06/08/88	3910		02/10/88	4990	
				02/10/88	10100			NR		03/07/88	5630	
				03/11/88	11800			NR		04/14/88	5220	
				03/11/88	11600			NR		05/03/88	5400	
				06/07/88	12600			NR		06/09/88	5370	
				06/07/88	10700			NR			NR	
CHROMUM	PPB	10	50	01/07/88	115	*	03/09/88	88	*	01/07/88	176	*
				02/10/88	105	*	06/08/88	46		02/10/88	127	*
				03/11/88	112	*		NR		03/07/88	100	*
				06/07/88	111	*		NR		04/14/88	77	*
					NR			NR		05/03/88	122	*
					NR			NR		06/09/88	145	*
CONDFLD	µMHO	1		01/07/88	641		03/09/88	214		01/07/88	300	
				02/10/88	781		06/08/88	288		02/10/88	308	
				03/11/88	847			NR		03/07/88	291	
				06/07/88	586			NR		04/14/88	389	
					NR			NR		05/03/88	332	
					NR			NR		06/09/88	336	
COPPER	PPB	10	(1300.0)	01/07/88			03/09/88	28		01/07/88	26	
				02/10/88			06/08/88	12		02/10/88		
				03/11/88				NR		03/07/88		
				06/07/88				NR		04/14/88		
					NR			NR		05/03/88		
					NR			NR		06/09/88		
FARSENI	PPB	5	50	01/07/88	10		03/09/88			01/07/88		
				02/10/88	8		06/08/88			02/10/88		
				03/11/88	6			NR		03/07/88		
				03/11/88	6			NR		04/14/88		
				06/07/88	9			NR		05/03/88		
				06/07/88	9			NR		06/09/88		
FBARIUM	PPB	6	1000	01/07/88	75		03/09/88	68		01/07/88	37	
				01/07/88	78		06/08/88	55		02/10/88	34	
				02/10/88	88			NR		03/07/88	38	
				03/11/88	93			NR		04/14/88	36	
				03/11/88	92			NR		05/03/88	37	
				06/07/88	61			NR		06/09/88	40	
				06/07/88	61			NR			NR	
FCALCIU	PPB	50		01/07/88	105000		03/09/88	42600		01/07/88	58600	
				01/07/88	114000		06/08/88	34100		02/10/88	49800	

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-H4-9		SAMPLE DATE	1-H4-10		SAMPLE DATE	1-H4-11	
				02/10/88	129000			NR		03/07/88	53600	
				03/11/88	124000			NR		04/14/88	54800	
				03/11/88	127000			NR		05/03/88	52800	
				06/07/88	80900			NR		06/09/88	57300	
				06/07/88	82700			NR			NR	
FCHROMI	PPB	10	50	01/07/88	106	*	03/09/88	84	*	01/07/88	180	*
				01/07/88	107	*	06/08/88	47		02/10/88	111	*
FCHROMI	PPB	10	50	02/10/88	94	*		NR		03/07/88	103	*
				03/11/88	96	*		NR		04/14/88	80	*
				03/11/88	92	*		NR		05/03/88	129	*
				06/07/88	116	*		NR		06/09/88	158	*
				06/07/88	120	*		NR			NR	
FIRON	PPB	50		01/07/88			03/09/88			01/07/88		
				01/07/88			06/08/88			02/10/88		
				02/10/88				NR		03/07/88		
				03/11/88				NR		04/14/88		
				03/11/88				NR		05/03/88	70	
				06/07/88				NR		06/09/88		
				06/07/88				NR			NR	
FLUORID	PPB	500	4000	01/07/88	638		03/09/88			01/07/88		
				01/07/88	639		06/08/88			02/10/88		
				02/10/88				NR		03/07/88		
				03/11/88	860			NR		04/14/88		
				03/11/88	943			NR		05/03/88		
				06/07/88				NR		06/09/88		
				06/07/88				NR			NR	
FMAGNES	PPB	50		01/07/88	20600		03/09/88	9660		01/07/88	8290	
				01/07/88	21800		06/08/88	8020		02/10/88	7310	
				02/10/88	25500			NR		03/07/88	7590	
				03/11/88	23600			NR		04/14/88	7520	
				03/11/88	24100			NR		05/03/88	7750	
				06/07/88	15300			NR		06/09/88	8300	
				06/07/88	16100			NR			NR	
FPOTASS	PPB	100		01/07/88	6250		03/09/88	4330		01/07/88	2970	
				01/07/88	6400		06/08/88	3750		02/10/88	2620	
				02/10/88	6730			NR		03/07/88	2790	
				03/11/88	6920			NR		04/14/88	2460	
				03/11/88	6930			NR		05/03/88	2920	
				06/07/88	5650			NR		06/09/88	3090	
				06/07/88	6030			NR			NR	
FSODIUM	PPB	200		01/07/88	31900		03/09/88	13800		01/07/88	10700	
				01/07/88	32800		06/08/88	10600		02/10/88	7530	
				02/10/88	37500			NR		03/07/88	7400	
				03/11/88	43600			NR		04/14/88	6590	
				03/11/88	43800			NR		05/03/88	9830	

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-H4-9		SAMPLE DATE	1-H4-10	SAMPLE DATE	1-H4-11	
				06/07/88	25100			NR	06/09/88	9610	
				06/07/88	26600			NR		NR	
FSTRONT	PPB	10		01/07/88	495		03/09/88	206	01/07/88	254	
				01/07/88	500		06/08/88	164	02/10/88	221	
				02/10/88	572			NR	03/07/88	237	
				03/11/88	576			NR	04/14/88	241	
				03/11/88	572			NR	05/03/88	231	
				06/07/88	359			NR	06/09/88	250	
				06/07/88	370			NR		NR	
FVANADI	PPB	5		01/07/88	5		03/09/88	7	01/07/88		
				01/07/88	5		06/08/88	9	02/10/88		
FVANADI	PPB	5		02/10/88				NR	03/07/88		
				03/11/88				NR	04/14/88		
				03/11/88				NR	05/03/88		
				06/07/88	7			NR	06/09/88		
				06/07/88	8			NR		NR	
FZINC	PPB	5		01/07/88			03/09/88		01/07/88		
				01/07/88			06/08/88		02/10/88		
				02/10/88				NR	03/07/88	13	
				03/11/88	10			NR	04/14/88		
				03/11/88	6			NR	05/03/88		
				06/07/88				NR	06/09/88		
				06/07/88				NR		NR	
IRON	PPB	50		01/07/88	54		03/09/88		01/07/88		
				02/10/88	57		06/08/88		02/10/88		
				03/11/88				NR	03/07/88		
				06/07/88	95			NR	04/14/88	151	
					NR			NR	05/03/88		
					NR			NR	06/09/88		
LFLUORD	PPB	50	4000	06/07/88	255		06/08/88	251	04/14/88	180	
				06/07/88	257			NR	05/03/88	144	
					NR			NR	06/09/88	165	
MAGNES	PPB	0		01/07/88	23500		03/09/88	10100	01/07/88	8460	
				02/10/88	25600		06/08/88	7770	02/10/88	8090	
				03/11/88	26800			NR	03/07/88	7240	
				06/07/88	15700			NR	04/14/88	7080	
					NR			NR	05/03/88	7230	
					NR			NR	06/09/88	7630	
NITRATE	PPB	500	45000	01/07/88	206000	*	03/09/88	17000	01/07/88	50400	*
				01/07/88	206000	*	06/08/88	9620	02/10/88	26100	
				02/10/88	131000	*		NR	03/07/88	25800	
				03/11/88	256000	*		NR	04/14/88	25400	
				03/11/88	256000	*		NR	05/03/88	22900	
				06/07/88	63600	*		NR	06/09/88	29500	
				06/07/88	62800	*		NR		NR	

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-H4-9	SAMPLE DATE	1-H4-10	SAMPLE DATE	1-H4-11
PH-LAB		0.01		01/07/88	7.61	03/09/88	7.59	01/07/88	7.77
				02/10/88	7.59	06/08/88	7.40	02/10/88	7.63
				03/11/88	7.76		NR	03/07/88	7.89
				06/07/88	7.70		NR	04/14/88	7.99
					NR		NR	05/03/88	7.90
					NR		NR	06/09/88	7.80
PHFIELD		0.10		01/07/88	8.50	03/09/88	7.30	01/07/88	7.60
				02/10/88	7.60	06/08/88	7.60	02/10/88	7.70
				03/11/88	8		NR	03/07/88	8
				06/07/88	7.70		NR	04/14/88	8
					NR		NR	05/03/88	7.70
					NR		NR	06/09/88	7.80
PHOSPHA	PPB	1000		01/07/88	8600	03/09/88		01/07/88	
				01/07/88	8810	06/08/88		02/10/88	
				02/10/88			NR	03/07/88	
PHOSPHA	PPB	1000		03/11/88			NR	04/14/88	
				03/11/88			NR	05/03/88	
				06/07/88			NR	06/09/88	
				06/07/88			NR		NR
POTASUM	PPB	100		01/07/88	6650	03/09/88	4450	01/07/88	2880
				02/10/88	6640	06/08/88	3720	02/10/88	2760
				03/11/88	7460		NR	03/07/88	2710
				06/07/88	5420		NR	04/14/88	2420
					NR		NR	05/03/88	2790
					NR		NR	06/09/88	2860
RADIUM	PCI/L	1	5	01/07/88		03/09/88		01/07/88	
				01/07/88	0.22	06/08/88		02/10/88	
					(0.17)				
				02/10/88			NR	03/07/88	
				03/11/88			NR	04/14/88	
				06/07/88	0.17		NR	05/03/88	
					(0.15)				
					NR		NR	06/09/88	
SODIUM	PPB	200		01/07/88	34600	03/09/88	14800	01/07/88	11100
				02/10/88	37500	06/08/88	10400	02/10/88	7960
				03/11/88	49000		NR	03/07/88	7330
				06/07/88	24300		NR	04/14/88	6550
					NR		NR	05/03/88	9100
					NR		NR	06/09/88	8650
STRONUM	PPB	10		01/07/88	539	03/09/88	216	01/07/88	257
				02/10/88	570	06/08/88	164	02/10/88	234
				03/11/88	644		NR	03/07/88	230
				06/07/88	359		NR	04/14/88	221
					NR		NR	05/03/88	221
					NR		NR	06/09/88	228

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-H4-9	SAMPLE DATE	1-H4-10	SAMPLE DATE	1-H4-11
SULFATE	PPB	500		01/07/88	94400	03/09/88	42200	01/07/88	44400
				01/07/88	92200	06/08/88	27700	02/10/88	39800
				02/10/88	95200		NR	03/07/88	40900
				03/11/88	111000		NR	04/14/88	37000
				03/11/88	108000		NR	05/03/88	35000
				06/07/88	71100		NR	06/09/88	40800
				06/07/88	70600		NR		NR
TC	PPB	2000		01/07/88	37300	03/09/88	31700	01/07/88	25700
				02/10/88	46800	06/08/88	24700	02/10/88	26600
				03/11/88	45500		NR	03/07/88	28300
				06/07/88	38000		NR	04/14/88	26300
					NR		NR	05/03/88	26800
					NR		NR	06/09/88	26800
TC-99	PCI/L	15	900	03/11/88	2020 * (8.27)	03/09/88		03/07/88	
				06/07/88	250 (3.15)	06/08/88		04/14/88	
					NR		NR	05/03/88	10.20 (1.21)
TC-99	PCI/L	15	900		NR		NR	06/09/88	66 (1.85)
TDS				01/07/88	336000 a	03/09/88	218000 a	01/07/88	156000 a
				02/10/88	647000 a	06/08/88	174000 a	02/10/88	260000 a
				03/11/88	686000 a		NR	03/07/88	225000 a
				06/07/88	406000 a		NR	04/14/88	223000 a
					NR		NR	05/03/88	233000 a
					NR		NR	06/09/88	254000 a
TRITIUM	PCI/L	500	20000	03/11/88	2170 (264)	03/09/88	2450 (272)	03/08/88	2210 (266)
				06/07/88	3100 (284)	06/08/88	2370 (264)	06/09/88	1100 (228)
U-CHEM	UG/L	0.73		03/11/88	9.60	03/09/88	2.47	03/07/88	3.43
				03/11/88	9.83	06/08/88	1.18	04/14/88	4.13
				06/07/88	6.21		NR	05/03/88	4.48
				06/07/88	6.19		NR	06/09/88	4.67
VANADUM	PPB	5		01/07/88		03/09/88	7	01/07/88	
				02/10/88		06/08/88	6	02/10/88	
				03/11/88			NR	03/07/88	
				06/07/88			NR	04/14/88	
					NR		NR	05/03/88	7
					NR		NR	06/09/88	6

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-H4-9	SAMPLE DATE	1-H4-10	SAMPLE DATE	1-H4-11
ZINC	PPB	5		01/07/88	6	03/09/88	20	01/07/88	22
				02/10/88		06/08/88	11	02/10/88	
				03/11/88	5		NR	03/07/88	
				06/07/88			NR	04/14/88	
					NR		NR	05/03/88	
					NR		NR	06/09/88	

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-H4-12A	SAMPLE DATE	1-H4-12B	SAMPLE DATE	1-H4-12C
ALKALIN				06/06/88	104000 @	06/06/88	132000 @	06/06/88	107000 @
ALPHA	PCI/L	4	15	01/05/88	4.21	01/04/88	3.79	01/04/88	1.03
					(1.84)		(1.65)		(0.96)
				02/08/88	7.25	02/08/88	7.29	02/08/88	1.79
					(2.29)		(2.16)		(1.15)
				03/07/88	41.30 +	03/07/88	11.40	03/07/88	0.93
					(5.83)		(2.98)		(0.80)
				04/13/88	31.40 +	04/13/88	9.35	04/12/88	2.24
					(5.10)		(2.75)		(1.25)
				05/02/88	9.19	05/02/88	6.53	05/02/88	1.43
					(2.65)		(2.40)		(1.05)
				06/06/88	3.78	06/06/88	4.36	06/06/88	1.68
					(1.52)		(1.82)		(1.12)
ARSENIC	PPB	5	50	01/05/88		01/04/88		01/04/88	6
				02/08/88		02/08/88		02/08/88	
				03/07/88		03/07/88		03/07/88	6
				04/13/88		04/13/88		04/12/88	5
				05/02/88		05/02/88		05/02/88	5
				06/06/88		06/06/88		06/06/88	
BARIUM	PPB	6	1000	01/05/88	59	01/04/88	107	01/04/88	7
				02/08/88	59	02/08/88	113	02/08/88	10
				03/07/88	84	03/07/88	125	03/07/88	9
				04/13/88	87	04/13/88	135	04/12/88	8
				05/02/88	74	05/02/88	116	05/02/88	8
				06/06/88	40	06/06/88	91	06/06/88	8
BETA	PCI/L	8	50	01/05/88	13.90	01/04/88	14.70	01/04/88	5.38
					(4.59)		(4.56)		(3.79)
				02/08/88	23.30	02/08/88	39.40	02/08/88	3.88
					(5.28)		(6.68)		(3.35)
				03/07/88	110 +	03/07/88	77.60 +	03/07/88	6.27
					(10.60)		(8.98)		(3.99)
				04/13/88	123 +	04/13/88	77.50 +	04/12/88	6.80
					(11)		(8.81)		(3.66)
				05/02/88	54.30 +	05/02/88	37.20	05/02/88	5.52
					(7.63)		(6.53)		(4)
				06/06/88	11.60	06/06/88	15.20	06/06/88	10.60
					(4.25)		(4.63)		(4.22)
CALCIUM	PPB	50		01/05/88	66300	01/04/88	79300	01/04/88	39000
				02/08/88	56700	02/08/88	73600	02/08/88	30700
				03/07/88	85000	03/07/88	82800	03/07/88	32100
				04/13/88	94100	04/13/88	93900	04/12/88	33700
				05/02/88	84800	05/02/88	81500	05/02/88	33400
				06/06/88	40200	06/06/88	64500	06/06/88	32000
CHLFORM	PPB	10	100	01/05/88		01/04/88	15	01/04/88	
				02/08/88		02/08/88	15	02/08/88	

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-H4-12A		SAMPLE DATE	1-H4-12B		SAMPLE DATE	1-H4-12C	
				03/07/88	14		03/07/88	16		03/07/88		
				04/13/88	12		04/13/88	12		04/12/88		
				05/02/88	13		05/02/88	14		05/02/88		
CHLFORM	PPB	10	100	06/06/88			06/06/88			06/06/88		
CHLORID	PPB	500		01/05/88	6240		01/04/88	7250		01/04/88	2870	
				02/08/88	6240		02/08/88	7540		02/08/88	2680	
				03/07/88	8490		03/07/88	10100		03/07/88	2470	
				04/13/88	8870		04/13/88	9710		04/12/88	2610	
				05/02/88	10400		05/02/88	9150		05/02/88	2780	
				06/06/88	3770		06/06/88	7020		06/06/88	2650	
CHROMUM	PPB	10	50	01/05/88	150	*	01/04/88	204	*	01/04/88	289	*
				02/08/88	132	*	02/08/88	164	*	02/08/88	227	*
				03/07/88	161	*	03/07/88	133	*	03/07/88	267	*
				04/13/88	156	*	04/13/88	140	*	04/12/88	312	*
				05/02/88	136	*	05/02/88	133	*	05/02/88	293	*
				06/06/88	56	*	06/06/88	120	*	06/06/88	265	*
CONDFLD	µMHO	1		01/05/88	371		01/04/88	483		01/04/88	288	
				02/08/88	448		02/08/88	530		02/08/88	276	
				03/07/88	566		03/07/88	525		03/07/88	234	
				04/13/88	758		04/13/88	660		04/12/88	218	
				05/02/88	574		05/02/88	556		05/02/88	265	
				06/06/88	283		06/06/88	429		06/06/88	245	
					NR			NR		06/10/88	177	
COPPER	PPB	10	(1300.0)	01/05/88	149		01/04/88			01/04/88		
				02/08/88			02/08/88			02/08/88		
				03/07/88			03/07/88			03/07/88		
				04/13/88			04/13/88			04/12/88		
				05/02/88			05/02/88			05/02/88		
				06/06/88			06/06/88			06/06/88		
FARSENI	PPB	5	50	01/05/88			01/04/88			01/04/88	6	
				02/08/88			02/08/88			02/08/88		
				03/07/88	5		03/07/88			03/07/88	6	
				04/13/88			04/13/88			04/12/88	5	
				05/02/88			05/02/88			05/02/88	5	
				06/06/88			06/06/88			06/06/88	5	
FBARIUM	PPB	6	1000	01/05/88	38		01/04/88	97		01/04/88		
				02/08/88	54		02/08/88	104		02/08/88	6	
				03/07/88	83		03/07/88	126		03/07/88	9	
				04/13/88	86		04/13/88	131		04/12/88		
				05/02/88	75		05/02/88	78		05/02/88	8	
				06/06/88	38		06/06/88	95		06/06/88	8	
FCALCIU	PPB	50		01/05/88	58100		01/04/88	75200		01/04/88	32600	
				02/08/88	58400		02/08/88	73100		02/08/88	33000	
				03/07/88	84800		03/07/88	83000		03/07/88	31800	
				04/13/88	89800		04/13/88	86600		04/12/88	33900	

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-H4-12A		SAMPLE DATE	1-H4-12B		SAMPLE DATE	1-H4-12C	
				05/02/88	83100		05/02/88	85200		05/02/88	31600	
				06/06/88	39200		06/06/88	58900		06/06/88	32100	
FCHROMI	PPB	10	50	01/05/88	88	*	01/04/88	181	*	01/04/88	222	*
				02/08/88	135	*	02/08/88	160	*	02/08/88	242	*
				03/07/88	164	*	03/07/88	133	*	03/07/88	262	*
				04/13/88	144	*	04/13/88	124	*	04/12/88	298	*
				05/02/88	133	*	05/02/88	136	*	05/02/88	272	*
FCHROMI	PPB	10	50	06/06/88	54	*	06/06/88	118	*	06/06/88	265	*
FMAGNES	PPB	50		01/05/88	9440		01/04/88	11400		01/04/88	11500	
				02/08/88	9390		02/08/88	11400		02/08/88	12000	
				03/07/88	12500		03/07/88	13200		03/07/88	11300	
				04/13/88	13300		04/13/88	13900		04/12/88	11500	
				05/02/88	12500		05/02/88	12900		05/02/88	11500	
				06/06/88	6620		06/06/88	10200		06/06/88	11700	
FMANGAN	PPB	5		01/05/88			01/04/88			01/04/88		
				02/08/88			02/08/88			02/08/88	5	
				03/07/88			03/07/88			03/07/88		
				04/13/88			04/13/88			04/12/88		
				05/02/88			05/02/88			05/02/88		
				06/06/88			06/06/88			06/06/88		
FNICKEL	PPB	10		01/05/88			01/04/88			01/04/88	29	
				02/08/88			02/08/88			02/08/88	35	
				03/07/88			03/07/88			03/07/88	25	
				04/13/88			04/13/88			04/12/88	23	
				05/02/88			05/02/88			05/02/88	22	
				06/06/88			06/06/88			06/06/88	25	
FPOTASS	PPB	100		01/05/88	4800		01/04/88	4710		01/04/88	4440	
				02/08/88	4550		02/08/88	4820		02/08/88	4760	
				03/07/88	5980		03/07/88	5470		03/07/88	4690	
				04/13/88	6330		04/13/88	5950		04/12/88	4730	
				05/02/88	5550		05/02/88	5670		05/02/88	4870	
				06/06/88	3830		06/06/88	4730		06/06/88	4620	
FSODIUM	PPB	200		01/05/88	12700		01/04/88	10700		01/04/88	4440	
				02/08/88	14100		02/08/88	11900		02/08/88	5290	
				03/07/88	31100		03/07/88	15700		03/07/88	4210	
				04/13/88	33900		04/13/88	18900		04/12/88	4210	
				05/02/88	18000		05/02/88	18400		05/02/88	4580	
				06/06/88	11400		06/06/88	12300		06/06/88	4520	
FSTRONT	PPB	10		01/05/88	258		01/04/88	322		01/04/88	207	
				02/08/88	263		02/08/88	323		02/08/88	215	
				03/07/88	387		03/07/88	386		03/07/88	213	
				04/13/88	413		04/13/88	407		04/12/88	220	
				05/02/88	357		05/02/88	369		05/02/88	213	
				06/06/88	176		06/06/88	285		06/06/88	212	

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-H4-12A	SAMPLE DATE	1-H4-12B	SAMPLE DATE	1-H4-12C
FVANADI	PPB	5		01/05/88		01/04/88	6	01/04/88	26
				02/08/88		02/08/88		02/08/88	23
				03/07/88		03/07/88		03/07/88	25
				04/13/88		04/13/88		04/12/88	24
				05/02/88		05/02/88		05/02/88	23
				06/06/88	7	06/06/88	6	06/06/88	26
FZINC	PPB	5		01/05/88		01/04/88	6	01/04/88	5
				02/08/88		02/08/88	6	02/08/88	6
				03/07/88		03/07/88		03/07/88	6
				04/13/88		04/13/88	5	04/12/88	14
				05/02/88		05/02/88		05/02/88	
				06/06/88		06/06/88	6	06/06/88	7
IRON	PPB	50		01/05/88		01/04/88		01/04/88	107
				02/08/88		02/08/88		02/08/88	
				03/07/88		03/07/88		03/07/88	
				04/13/88	248	04/13/88		04/12/88	80
				05/02/88		05/02/88		05/02/88	58
				06/06/88		06/06/88		06/06/88	
LEADGF	PPB	5	50	01/05/88	7	01/04/88		01/04/86	
				02/08/88		02/08/88		02/08/88	
				03/07/88		03/07/88		03/07/88	
				04/13/88		04/13/88		04/12/88	
				05/02/88		05/02/88		05/02/88	
				06/06/88		06/06/88		06/06/88	
LFLUORD	PPB	50	4000	04/13/88	165	04/13/88	166	04/12/88	179
				05/02/88	126	05/02/88	122	05/02/88	163
				06/06/88	188	06/06/88	148	06/06/88	176
MAGNES	PPB	0		01/05/88	9880	01/04/88	12000	01/04/88	13000
				02/08/88	9500	02/08/88	12200	02/08/88	11500
				03/07/88	12400	03/07/88	13200	03/07/88	11400
				04/13/88	13300	04/13/88	14500	04/12/88	11900
				05/02/88	12300	05/02/88	12700	05/02/88	11600
				06/06/88	6810	06/06/88	10300	06/06/88	11500
MANGESE	PPB	5		01/05/88		01/04/88		01/04/88	5
				02/08/88		02/08/88		02/08/88	
				03/07/88		03/07/88		03/07/88	
				04/13/88	6	04/13/88		04/12/88	
				05/02/88		05/02/88		05/02/88	
				06/06/88		06/06/88		06/06/88	
METHYCH	PPB	5		01/05/88		01/04/88		01/04/88	
				02/08/88		02/08/88		02/08/88	
				03/07/88		03/07/88		03/07/88	
				04/13/88		04/13/88		04/12/88	
				05/02/88		05/02/88		05/02/88	
				06/06/88		06/06/88		06/06/88	190

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-H4-12A		SAMPLE DATE	1-H4-12B		SAMPLE DATE	1-H4-12C
NICKEL	PPB	10		01/05/88			01/04/88			01/04/88	43
				02/08/88			02/08/88			02/08/88	32
				03/07/88			03/07/88			03/07/88	24
				04/13/88			04/13/88			04/12/88	29
				05/02/88			05/02/88			05/02/88	29
				06/06/88			06/06/88			06/06/88	24
NITRATE	PPB	500	45000	01/05/88	33900		01/04/88	44600		01/04/88	6330
				02/08/88	35200		02/08/88	50000	*	02/08/88	5570
				03/07/88	132000	*	03/07/88	101000	*	03/07/88	6420
				04/13/88	138000	*	04/13/88	94200	*	04/12/88	6000
				05/02/88	73100	*	05/02/88	59200	*	05/02/88	6110
				06/06/88	15300		06/06/88	35300		06/06/88	6210
PH-LAB		0.01		01/05/88	7.70		01/04/88	7.70		01/04/88	7.80
				02/08/88	7.81		02/08/88	7.84		02/08/88	7.91
				03/07/88	7.91		03/07/88	7.90		03/07/88	7.94
PH-LAB		0.01		04/13/88	7.97		04/13/88	7.94		04/12/88	8.07
				05/02/88	8		05/02/88	8.10		05/02/88	8.10
				06/06/88	7.90		06/06/88	7.80		06/06/88	7.90
PHFIELD		0.10		01/05/88	6.80		01/04/88	8.10		01/04/88	8
				02/08/88	7		02/08/88	7.50		02/08/88	6.80
				03/07/88	8.10		03/07/88	8.20		03/07/88	8.20
				04/13/88	7.70		04/13/88	8.10		04/12/88	7.60
				05/02/88	7.40		05/02/88	7.70		05/02/88	7.90
				06/06/88	7.90		06/06/88	7.80		06/06/88	7.60
					NR			NR		06/10/88	8.40
POTASUM	PPB	100		01/05/88	4560		01/04/88	4890		01/04/88	4810
				02/08/88	4730		02/08/88	5210		02/08/88	4630
				03/07/88	6140		03/07/88	5630		03/07/88	4810
				04/13/88	5960		04/13/88	6030		04/12/88	4830
				05/02/88	5770		05/02/88	5540		05/02/88	4800
				06/06/88	4230		06/06/88	4970		06/06/88	4700
RADIUM	PCI/L	1	5	01/05/88			01/04/88			01/04/88	
				02/08/88			02/08/88			02/08/88	
				03/07/88	0.17		03/07/88	0.57		03/07/88	
					(0.15)			(0.35)			
				04/13/88	0.24		04/13/88			04/12/88	
					(0.19)						
				05/02/88	0.35		05/02/88	0.81		05/02/88	
					(0.22)			(0.31)			
				06/06/88			06/06/88			06/06/88	
SODIUM	PPB	200		01/05/88	12300		01/04/88	10800		01/04/88	4680
				02/08/88	15000		02/08/88	13300		02/08/88	4500
				03/07/88	34800		03/07/88	16400		03/07/88	4370
				04/13/88	31800		04/13/88	18900		04/12/88	4380
				05/02/88	18100		05/02/88	14600		05/02/88	4220

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-H4-12A	SAMPLE DATE	1-H4-12B	SAMPLE DATE	1-H4-12C
				06/06/88	12100	06/06/88	11900	06/06/88	4380
STRONUM	PPB	10		01/05/88	294	01/04/88	349	01/04/88	249
				02/08/88	268	02/08/88	340	02/08/88	203
				03/07/88	394	03/07/88	394	03/07/88	216
				04/13/88	412	04/13/88	424	04/12/88	225
				05/02/88	357	05/02/88	357	05/02/88	218
				06/06/88	187	06/06/88	289	06/06/88	217
SULFATE	PPB	500		01/05/88	50500	01/04/88	57300	01/04/88	26400
				02/08/88	43800	02/08/88	52200	02/08/88	23000
				03/07/88	67100	03/07/88	67700	03/07/88	25000
				04/13/88	65400	04/13/88	64100	04/12/88	23500
				05/02/88	65800	05/02/88	61400	05/02/88	23900
				06/06/88	30800	06/06/88	56000	06/06/88	23900
TC	PPB	2000		01/05/88	27600	01/04/88	30700	01/04/88	23500
				02/08/88	29600	02/08/88	32800	02/08/88	24700
				03/07/88	39100	03/07/88	37100	03/07/88	25800
				04/13/88	35700	04/13/88	34800	04/12/88	24200
				05/02/88	34400	05/02/88	34200	05/02/88	23900
				06/06/88	24800	06/06/88	30700	06/06/88	24500
TC-99	PCI/L	15	900	03/07/88	697 (4.93)	03/07/88	555 (4.45)	03/07/88	
				04/13/88	907 * (5.95)	04/13/88	581 (4.56)	04/12/88	
				05/02/88	336 (3.63)	05/02/88	258 (3.08)	05/02/88	
				06/06/88	24.90 (1.42)	06/06/88	76.70 (1.95)	06/06/88	
TDS				01/05/88	263000 a	01/04/88	303000 a	01/04/88	186000 a
				02/08/88	307000 a	02/08/88	339000 a	02/08/88	190000 a
				03/07/88	436000 a	03/07/88	387000 a	03/07/88	122000 a
				04/13/88	462000 a	04/13/88	409000 a	04/12/88	183000 a
				05/02/88	393000 a	05/02/88	366000 a	05/02/88	191000 a
				06/06/88	166000 a	06/06/88	269000 a	06/06/88	167000 a
TOX	PPB	100		01/05/88		01/04/88		01/04/88	
				02/08/88		02/08/88		02/08/88	
				03/07/88		03/07/88		03/07/88	
				04/13/88		04/13/88		04/12/88	
				05/02/88		05/02/88		05/02/88	
				06/06/88		06/06/88		06/06/88	157
U-CHEM	UG/L	0.73		03/07/88	49.10	03/07/88	12.30	03/07/88	1.74
				04/13/88	40.90	04/13/88	11.70	04/12/88	12
				05/02/88	14.20	05/02/88	7.83	05/02/88	1.55
				06/06/88	5.04	06/06/88	5.21	06/06/88	1.73
VANADUM	PPB	5		01/05/88		01/04/88		01/04/88	24
				02/08/88		02/08/88		02/08/88	22

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-H4-12A	SAMPLE DATE	1-H4-12B	SAMPLE DATE	1-H4-12C
				03/07/88	6	03/07/88	6	03/07/88	25
				04/13/88		04/13/88		04/12/88	23
				05/02/88		05/02/88		05/02/88	25
				06/06/88	6	06/06/88	6	06/06/88	25
ZINC	PPB	5		01/05/88	91	01/04/88	7	01/04/88	11
				02/08/88		02/08/88	9	02/08/88	6
				03/07/88		03/07/88	7	03/07/88	13
				04/13/88		04/13/88	6	04/12/88	11
				05/02/88	8	05/02/88	10	05/02/88	9
				06/06/88		06/06/88	6	06/06/88	5

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-H4-13	SAMPLE DATE	1-H4-14	SAMPLE DATE	1-H4-15A
ALKALIN				06/09/88	94300 @	06/16/88	99200 @	06/08/88	121000 @
ALPHA	PCI/L	4	15	03/25/88	2.27	03/15/88	1.69	03/10/88	
					(1.28)		(1.16)		
				06/09/88		06/16/88	1.32	06/08/88	1.49
							(1.02)		(1.09)
BARIUM	PPB	6	1000	03/25/88	25	03/15/88	26	03/10/88	99
				06/09/88	26	06/16/88	21	06/08/88	79
BETA	PCI/L	8	50	03/25/88	71.80 +	03/15/88	5.38	03/10/88	5
					(8.20)		(3.85)		(3.59)
				06/09/88	74.60 +	06/16/88	6.30	06/08/88	6.56
					(8.16)		(4.09)		(3.85)
CALCIUM	PPB	50		03/25/88	42100	03/15/88	44900	03/10/88	63200
				06/09/88	36400	06/16/88	37400	06/08/88	50700
CHLFORM	PPB	10	100	03/25/88	27	03/15/88	29	03/10/88	10
				06/09/88	18	06/16/88	26	06/08/88	
CHLORID	PPB	500		03/25/88	4910	03/15/88	5460	03/10/88	5890
				06/09/88	3980	06/16/88	5350	06/08/88	6400
CHROMUM	PPB	10	50	03/25/88	33	03/15/88	385 *	03/10/88	157 *
				06/09/88	38	06/16/88	371 *	06/08/88	101 *
CONDFLD	µMHO	1		03/25/88	261	03/15/88	292	03/10/88	363
				06/09/88	250	06/16/88	280	06/08/88	410
					NR	06/17/88	258		NR
COPPER	PPB	10	(1300.0)	03/25/88		03/15/88		03/10/88	10
				06/09/88		06/16/88		06/08/88	
FBARIUM	PPB	6	1000	03/25/88	24	03/15/88	25	03/10/88	94
				06/09/88	28	06/16/88	20	06/08/88	85
FCALCIU	PPB	50		03/25/88	42200	03/15/88	42100	03/10/88	59200
				06/09/88	41300	06/16/88	41300	06/08/88	51800
FCHROMI	PPB	10	50	03/25/88	33	03/15/88	365 *	03/10/88	151 *
				06/09/88	39	06/16/88	394 *	06/08/88	96 *
FMAGNES	PPB	50		03/25/88	7070	03/15/88	8480	03/10/88	11700
				06/09/88	7010	06/16/88	8250	06/08/88	10700
FPOTASS	PPB	100		03/25/88	2240	03/15/88	4390	03/10/88	5650
				06/09/88	2320	06/16/88	4320	06/08/88	5470
FSODIUM	PPB	200		03/25/88	6810	03/15/88	8350	03/10/88	11100
				06/09/88	6880	06/16/88	8010	06/08/88	11600
FSTRONT	PPB	10		03/25/88	187	03/15/88	220	03/10/88	283
				06/09/88	180	06/16/88	201	06/08/88	246
FVANADI	PPB	5		03/25/88	5	03/15/88	6	03/10/88	9
				06/09/88		06/16/88		06/08/88	9
FZINC	PPB	5		03/25/88	6	03/15/88		03/10/88	
				06/09/88		06/16/88		06/08/88	
IRON	PPB	50		03/25/88		03/15/88		03/10/88	
				06/09/88	122	06/16/88		06/08/88	61
LFLUORD	PPB	50	4000	06/09/88	192	06/16/88	191	06/08/88	181

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-H4-13	SAMPLE DATE	1-H4-14	SAMPLE DATE	1-H4-15A
MAGNES	PPB	0		03/25/88	6980	03/15/88	8450	03/10/88	11800
				06/09/88	6430	06/16/88	7750	06/08/88	10300
METHYCH	PPB	5		03/25/88		03/15/88		03/10/88	
METHYCH	PPB	5		06/09/88		06/16/88	5500	06/08/88	12
NITRATE	PPB	500	45000	03/25/88	16300	03/15/88	21100	03/10/88	31700
				06/09/88	14600	06/16/88	17000	06/08/88	24200
PH-LAB		0.01		03/25/88	7.70	03/15/88	8.10	03/10/88	7.5
				06/09/88	7.60	06/16/88	7.90	06/08/88	7.5
PHFIELD		0.10		03/25/88	7.30	03/15/88	8.10	03/10/88	7.5
				06/09/88	7.50	06/16/88	7.50	06/08/88	7.5
					NR	06/17/88	8		NR
POTASUM	PPB	100		03/25/88	2200	03/15/88	3770	03/10/88	5600
				06/09/88	2140	06/16/88	4250	06/08/88	5360
RADIUM	PCI/L	1	5	03/25/88		03/15/88		03/10/88	0.28
									(0.19)
				06/09/88		06/16/88		06/08/88	
SODIUM	PPB	200		03/25/88	6840	03/15/88	7290	03/10/88	11400
				06/09/88	6070	06/16/88	8030	06/08/88	11000
STRONUM	PPB	10		03/25/88	186	03/15/88	220	03/10/88	286
				06/09/88	168	06/16/88	193	06/08/88	243
SULFATE	PPB	500		03/25/88	31400	03/15/88	38800	03/10/88	57200
				06/09/88	29800	06/16/88	37400	06/08/88	45300
TC	PPB	2000		03/25/88	22000	03/15/88	23600	03/10/88	34300
				06/09/88	22600	06/16/88	24000	06/08/88	29100
TDS				03/25/88	192000 a	03/15/88	207000 a	03/10/88	272000 a
				06/09/88	167000 a	06/16/88	236000 a	06/08/88	262000 a
TOX	PPB	100		03/25/88		03/15/88		03/10/88	
				06/09/88		06/16/88	5660	06/08/88	
TRITIUM	PCI/L	500	20000		NR	03/15/88	1150		NR
							(236)		
					NR	06/16/88	1090		NR
							(192)		
U-CHEM	UG/L	0.73		03/25/88	1.29	03/15/88	2.04	03/10/88	2.18
				06/09/88	1.70	06/16/88	2.26	06/08/88	2.02
VANADUM	PPB	5		03/25/88		03/15/88	8	03/10/88	9
				06/09/88		06/16/88	9	06/08/88	6
ZINC	PPB	5		03/25/88	5	03/15/88		03/10/88	12
				06/09/88	11	06/16/88		06/08/88	5

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-H4-15B	SAMPLE DATE	1-H4-16	SAMPLE DATE	1-H4-17
ALKALIN				06/08/88	128000 @		NR		NR
ALPHA	PCI/L	4	15	03/10/88	2.17	01/05/88		01/06/88	2.93
					(1.36)				(1.69)
				06/08/88	1.25	02/09/88	1.02	02/09/88	4.34
					(1.12)		(0.92)		(1.95)
					NR	03/15/88	1.69	03/14/88	3.76
							(1.01)		(1.93)
					NR	04/11/88		04/12/88	3.29
									(1.82)
					NR	05/04/88	1.13		NR
							(1.01)		
ALUMNUM	PPB	150		03/10/88		01/05/88		01/06/88	791
				06/08/88		02/09/88		02/09/88	196
					NR	03/15/88		03/14/88	1990
					NR	04/11/88		04/12/88	244
					NR	05/04/88			NR
BARIUM	PPB	6	1000	03/10/88	130	01/05/88	21	01/06/88	82
				06/08/88	124	02/09/88	26	02/09/88	75
					NR	03/15/88	23	03/14/88	80
					NR	04/11/88	25	04/12/88	70
					NR	05/04/88	23		NR
BETA	PCI/L	8	50	03/10/88	7.95	01/05/88	15.10	01/06/88	11.50
					(3.96)		(4.50)		(4.45)
				06/08/88	4.73	02/09/88	13.80	02/09/88	10.50
					(3.54)		(4.28)		(4.26)
					NR	03/15/88	16.50	03/14/88	6.31
							(4.62)		(3.86)
					NR	04/11/88	19.30	04/12/88	12.80
							(4.77)		(4.62)
					NR	05/04/88	20		NR
							(5.33)		
CALCIUM	PPB	50		03/10/88	57400	01/05/88	47100	01/06/88	94900
				06/08/88	54200	02/09/88	44300	02/09/88	82400
					NR	03/15/88	48500	03/14/88	73700
					NR	04/11/88	51400	04/12/88	83500
					NR	05/04/88	47700		NR
CHLFORM	PPB	10	100	03/10/88		01/05/88	35	01/06/88	11
				06/08/88		02/09/88	29	02/09/88	
					NR	03/15/88	31	03/14/88	
					NR	04/11/88	23	04/12/88	
					NR	05/04/88	26		NR
CHLORID	PPB	500		03/10/88	6250	01/05/88	6660	01/06/88	11200
				06/08/88	6250	02/09/88	6080	02/09/88	10300
					NR	03/15/88	6170	03/14/88	9360
					NR	04/11/88	6680	04/12/88	9910

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-H4-15B		SAMPLE DATE	1-H4-16	SAMPLE DATE	1-H4-17	
					NR		05/04/88	6170		NR	
CHROMUM	PPB	10	50	03/10/88	161	*	01/05/88	14	01/06/88	95	*
				06/08/88	125	*	02/09/88	16	02/09/88	95	*
CHROMUM	PPB	10	50		NR		03/15/88	16	03/14/88	182	*
					NR		04/11/88	21	04/12/88	97	*
					NR		05/04/88			NR	
CONDFLD	µMHO	1		03/10/88	340		01/05/88	263	01/06/88	630	
				06/08/88	430		02/09/88	269	02/09/88	528	
					NR		03/15/88	279	03/14/88	502	
					NR		04/11/88	313	04/12/88	535	
					NR		05/04/88	224	06/16/88	467	
					NR		06/15/88	234		NR	
COPPER	PPB	10	(1300.0)	03/10/88			01/05/88		01/06/88		
				06/08/88			02/09/88		02/09/88		
					NR		03/15/88		03/14/88		
					NR		04/11/88		04/12/88	14	
					NR		05/04/88			NR	
FALUMIN	PPB	150		03/10/88			01/05/88		01/06/88		
				06/08/88			02/09/88		02/09/88		
					NR		03/15/88		03/14/88		
					NR		04/11/88		04/12/88	342	
					NR		05/04/88			NR	
FBARIUM	PPB	6	1000	03/10/88	126		01/05/88		01/06/88	67	
				06/08/88	139		02/09/88	19	02/09/88	69	
					NR		03/15/88	19	03/14/88	63	
					NR		04/11/88	23	04/12/88	70	
					NR		05/04/88	24		NR	
FCALCIU	PPB	50		03/10/88	52700		01/05/88	48800	01/06/88	83700	
				06/08/88	56600		02/09/88	43700	02/09/88	81700	
					NR		03/15/88	44500	03/14/88	74400	
					NR		04/11/88	51600	04/12/88	84500	
					NR		05/04/88	50800		NR	
FCHROMI	PPB	10	50	03/10/88	142	*	01/05/88		01/06/88	84	*
				06/08/88	122	*	02/09/88		02/09/88	90	*
					NR		03/15/88		03/14/88	90	*
					NR		04/11/88	12	04/12/88	78	*
					NR		05/04/88			NR	
FCOPPER	PPB	10	(1300.0)	03/10/88			01/05/88		01/06/88		
				06/08/88			02/09/88		02/09/88		
					NR		03/15/88		03/14/88		
					NR		04/11/88	12	04/12/88		
					NR		05/04/88			NR	
FIRON	PPB	50		03/10/88	78		01/05/88		01/06/88		
				06/08/88			02/09/88		02/09/88		
					NR		03/15/88	63	03/14/88	59	

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-H4-15B	SAMPLE DATE	1-H4-16	SAMPLE DATE	1-H4-17
					NR	04/11/88		04/12/88	657
					NR	05/04/88			NR
FLUORID	PPB	500	4000	03/10/88		01/05/88		01/06/88	501
				06/08/88		02/09/88		02/09/88	
					NR	03/15/88		03/14/88	
					NR	04/11/88		04/12/88	
					NR	05/04/88			NR
FMAGNES	PPB	50		03/10/88	12200	01/05/88	5840	01/06/88	15400
				06/08/88	13200	02/09/88	5450	02/09/88	15100
					NR	03/15/88	5510	03/14/88	14100
					NR	04/11/88	6030	04/12/88	14900
					NR	05/04/88	6110		NR
FMANGAN	PPB	5		03/10/88	19	01/05/88		01/06/88	
				06/08/88	8	02/09/38		02/09/88	
					NR	03/15/88		03/14/88	
					NR	04/11/88		04/12/88	17
					NR	05/04/88			NR
FNICKEL	PPB	10		03/10/88	14	01/05/88		01/06/88	
				06/08/88	20	02/09/88		02/09/88	
					NR	03/15/88		03/14/88	
					NR	04/11/88		04/12/88	14
					NR	05/04/88			NR
FPOTASS	PPB	100		03/10/88	5610	01/05/88	3010	01/06/88	6650
				06/08/88	6090	02/09/88	2830	02/09/88	6750
					NR	03/15/88	2910	03/14/88	6630
					NR	04/11/88	2900	04/12/88	6690
					NR	05/04/88	3050		NR
FSODIUM	PPB	200		03/10/88	10900	01/05/88	4800	01/06/88	15700
				06/08/88	12100	02/09/88	4600	02/09/88	14800
					NR	03/15/88	4710	03/14/88	15400
					NR	04/11/88	4610	04/12/88	15400
					NR	05/04/88	4930		NR
FSTRONT	PPB	10		03/10/88	282	01/05/88	198	01/06/88	366
				06/08/88	287	02/09/88	196	02/09/88	371
					NR	03/15/88	202	03/14/88	344
					NR	04/11/88	221	04/12/88	357
					NR	05/04/88	214		NR
FVANADI	PPB	5		03/10/88	13	01/05/88		01/06/88	
				06/08/88	11	02/09/88		02/09/88	
					NR	03/15/88	5	03/14/88	
					NR	04/11/88	6	04/12/88	
					NR	05/04/88	6		NR
FZINC	PPB	5		03/10/88	22	01/05/88		01/06/88	
				06/08/88	18	02/09/88		02/09/88	
					NR	03/15/88	9	03/14/88	

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-H4-15B	SAMPLE DATE	1-H4-16	SAMPLE DATE	1-H4-17	
					NR	04/11/88		04/12/88	6	
					NR	05/04/88			NR	
IRON	PPB	50		03/10/88		01/05/88		01/06/88	1450	
				06/08/88		02/09/88		02/09/88	338	
					NR	03/15/88		03/14/88	3700	
					NR	04/11/88	185	04/12/88	619	
					NR	05/04/88			NR	
LFLUORD	PPB	50	4000	06/08/88	174	04/11/88	135	04/12/88	220	
					NR	05/04/88	116		NR	
MAGNES	PPB	0		03/10/88	12500	01/05/88	5590	01/06/88	16700	
MAGNES	PPB	0		06/08/88	12300	02/09/88	5530	02/09/88	16000	
					NR	03/15/88	5730	03/14/88	14000	
					NR	04/11/88	6170	04/12/88	15200	
					NR	05/04/88	5740		NR	
MANGESE	PPB	5		03/10/88	18	01/05/88		01/06/88	36	
				06/08/88	6	02/09/88		02/09/88	9	
					NR	03/15/88		03/14/88	65	
					NR	04/11/88		04/12/88	14	
					NR	05/04/88			NR	
NICKEL	PPB	10		03/10/88	11	01/05/88		01/06/88		
				06/08/88	19	02/09/88		02/09/88		
					NR	03/15/88		03/14/88	59	
					NR	04/11/88		04/12/88	12	
					NR	05/04/88			NR	
NITRATE	PPB	500	45000	03/10/88	28200	01/05/88	18300	01/06/88	52000	*
				06/08/88	27000	02/09/88	15100	02/09/88	46200	*
					NR	03/15/88	17300	03/14/88	44700	
					NR	04/11/88	21400	04/12/88	45300	*
					NR	05/04/88	17400		NR	
PH-LAB		0.01		03/10/88	7.77	01/05/88	7.88	01/06/88	7.27	
				06/08/88	7.60	02/09/88	7.99	02/09/88	7.62	
					NR	03/15/88	8.16	03/14/88	7.27	
					NR	04/11/88	7.99	04/12/88	7.56	
					NR	05/04/88	8		NR	
PHFIELD		0.10		03/10/88	7.70	01/05/88	6.50	01/06/88	6.20	
				06/08/88	7.70	02/09/88	7.90	02/09/88	7.70	
					NR	03/15/88	8	03/14/88	8.20	
					NR	04/11/88	8	04/12/88	7.20	
					NR	05/04/88	8	06/16/88	7.10	
					NR	06/15/88	7.40		NR	
POTASUM	PPB	100		03/10/88	5460	01/05/88	2620	01/06/88	6590	
				06/08/88	5620	02/09/88	2710	02/09/88	7130	
					NR	03/15/88	2580	03/14/88	6050	
					NR	04/11/88	2920	04/12/88	6660	
					NR	05/04/88	2810		NR	

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-H4-15B	SAMPLE DATE	1-H4-16	SAMPLE DATE	1-H4-17
RADIUM	PCI/L	1	5	03/10/88	0.22	01/05/88		01/06/88	0.22
					(0.17)				(0.18)
				06/08/88	0.19	02/09/88		02/09/88	0.25
					(0.15)				(0.18)
					NR	03/15/88	0.17	03/14/88	0.37
							(0.15)		(0.23)
					NR	04/11/88		04/12/88	0.38
									(0.22)
					NR	05/04/88			NR
SODIUM	PPB	200		03/10/88	10800	01/05/88	4320	01/06/88	14800
				06/08/88	11100	02/09/88	4540	02/09/88	16800
					NR	03/15/88	4230	03/14/88	13900
					NR	04/11/88	4890	04/12/88	15700
					NR	05/04/88	4450		NR
STRONUM	PPB	10		03/10/88	286	01/05/88	207	01/06/88	413
				06/08/88	278	02/09/88	197	02/09/88	370
					NR	03/15/88	213	03/14/88	340
					NR	04/11/88	225	04/12/88	365
					NR	05/04/88	205		NR
SULFATE	PPB	500		03/10/88	53900	01/05/88	30500	01/06/88	101000
				06/08/88	48500	02/09/88	28200	02/09/88	86800
					NR	03/15/88	26600	03/14/88	94400
					NR	04/11/88	31300	04/12/88	84100
					NR	05/04/88	29200		NR
TC	PPB	2000		03/10/88	33700	01/05/88	21300	01/06/88	35800
				06/08/88	30500	02/09/88	19000	02/09/88	36700
					NR	03/15/88	23700	03/14/88	22900
					NR	04/11/88	24000	04/12/88	36200
					NR	05/04/88	23300		NR
TC-99	PCI/L	15	900	03/10/88		03/15/88		03/14/88	
				06/08/88	7.25	04/11/88		04/12/88	
					(1.23)				
					NR	05/04/88			NR
TDS				03/10/88	262000 @	01/05/88	166000 @	01/06/88	388000 @
				06/08/88	239000 @	02/09/88	180000 @	02/09/88	440000 @
					NR	03/15/88	181000 @	03/14/88	370000 @
					NR	04/11/88	212000 @	04/12/88	384000 @
					NR	05/04/88	184000 @		NR
TRITIUM	PCI/L	500	20000		NR	03/15/88	648	03/14/88	3020
							(220)		(285)
					NR	06/15/88	764	06/16/88	3520
							(182)		(250)
U-CHEM	UG/L	0.73		03/10/88	2.18	03/15/88	1.91	03/14/88	3.29
				06/08/88	2.36	04/11/88	1.65	04/12/88	4.22
					NR	05/04/88			NR

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-H4-15B	SAMPLE DATE	1-H4-16	SAMPLE DATE	1-H4-17
VANADUM	PPB	5		03/10/88	10	01/05/88		01/06/88	
				06/08/88	11	02/09/88		02/09/88	
					NR	03/15/88		03/14/88	9
					NR	04/11/88		04/12/88	
					NR	05/04/88	6		NR
ZINC	PPB	5		03/10/88	22	01/05/88		01/06/88	8
				06/08/88	17	02/09/88		02/09/88	7
					NR	03/15/88		03/14/88	11
					NR	04/11/88		04/12/88	15
					NR	05/04/88			NR

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-H4-18	SAMPLE DATE	2-E17-5	SAMPLE DATE	2-E17-6
ALKALIN				06/10/88	116000 @	01/19/88	97400 @	01/21/88	152000 @
					NR		NR	04/20/88	151000 @
ALPHA	PCI/L	4	15	01/05/88	1.23	01/19/88	6.46	01/21/88	1.12
					(1.01)		(1.05)		(1.01)
				02/09/88	1.70	02/05/88	5.47	04/20/88	
					(1.16)		(1)		
				03/14/88	1.42	03/07/88	7.42	05/24/88	1.45
					(1.11)		(1.14)		(1.23)
				04/11/88	1.64	04/05/88	6.52		NR
					(1.09)		(1.09)		
				05/03/88	1.75	05/05/88	6.47		NR
					(1.14)		(1.05)		
				06/10/88	1.96	05/24/88	6.49		NR
					(1.19)		(2.25)		
					NR	06/07/88	7.73		NR
							(1.20)		
AMMONIU	PPB	50		01/05/88		01/19/88	66	01/21/88	60
				02/09/88		05/24/88		04/20/88	
				03/14/88			NR	05/24/88	62
				04/11/88			NR		NR
				05/03/88			NR		NR
				06/10/88			NR		NR
ARSENIC	PPB	5	50	01/05/88		01/19/88	7	05/24/88	
				02/09/88		05/24/88			NR
				03/14/88			NR		NR
				04/11/88			NR		NR
				05/03/88			NR		NR
				06/10/88			NR		NR
BARIUM	PPB	6	1000	01/05/88	35	01/19/88	42	05/24/88	83
				02/09/88	35	05/24/88	60		NR
				03/14/88	35		NR		NR
				04/11/88	31		NR		NR
				05/03/88	32		NR		NR
				06/10/88	33		NR		NR
BETA	PCI/L	8	50	01/05/88	19	01/19/88	76.40 +	01/21/88	5.20
					(4.88)		(6.03)		(3.49)
				02/09/88	18.20	02/05/88	66.80 +	01/21/88	5.85
					(4.83)		(5.65)		(1.98)
				03/14/88	15.90	03/07/88	334 +	04/20/88	31.70
					(4.54)		(12.80)		(5.89)
				04/11/88	11.90	04/05/88	631 +	04/20/88	16
					(4.26)		(17.30)		(2.89)
				05/03/88	13.30	05/05/88	581 +	05/24/88	148 +
					(4.74)		(17)		(11.50)

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-H4-18	SAMPLE DATE	2-E17-5	SAMPLE DATE	2-E17-6
				06/10/88	15.60	05/24/88	781 +		NR
					(4.81)		(25.90)		
					NR	06/07/88	689 +		NR
							(18.50)		
C 14	PCI/L				NR	01/19/88	50 @	01/21/88	
							(2.90)		
					NR	04/20/88	58.50 @		NR
							(2.93)		
CALCIUM	PPB	50		01/05/88	53800	01/19/88	46500	05/24/88	38200
				02/09/88	49100	05/24/88	63000		NR
				03/14/88	48100		NR		NR
				04/11/88	49400		NR		NR
				05/03/88	48600		NR		NR
				06/10/88	46800		NR		NR
CHLFORM	PPB	10	100	01/05/88	20	01/19/88		01/21/88	
				02/09/88	25	05/24/88		04/20/88	
				03/14/88	27		NR		NR
				04/11/88	25		NR		NR
				05/03/88	24		NR		NR
				06/10/88	22		NR		NR
CHLORID	PPB	500		01/05/88	5550	01/19/88	5510	01/21/88	2950
				02/09/88	5420	05/24/88	4970	04/20/88	3350
				03/14/88	5050		NR	05/24/88	4010
				04/11/88	5090		NR		NR
				05/03/88	5010		NR		NR
				06/10/88	5830		NR		NR
CHROMUM	PPB	10	50	01/05/88	293 *	01/19/88		05/24/88	
				02/09/88	257 *	05/24/88			NR
				03/14/88	264 *		NR		NR
				04/11/88	269 *		NR		NR
				05/03/88	255 *		NR		NR
				06/10/88	192 *		NR		NR
CO-60	PCI/L	22.50	100		NR	01/19/88	10.80		NR
							(8.83)		
					NR	02/05/88			NR
					NR	03/07/88	48.70		NR
							(14)		
					NR	04/05/88	39.60		NR
							(14.70)		
					NR	05/05/88	39.50		NR
							(14.40)		
					NR	06/07/88	21.40		NR
							(9.82)		
COLIFRM	MPN	2	1	01/05/88		05/24/88	2.20 *	05/24/88	
				02/09/88			NR		NR

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-H4-18		SAMPLE DATE	2-E17-5	SAMPLE DATE	2-E17-6
				03/14/88				NR		NR
				04/11/88				NR		NR
				05/03/88				NR		NR
				06/10/88				NR		NR
CONDFLD	µMHO	1		01/05/88	315		01/19/88	451	01/21/88	332
				02/09/88	326		05/24/88	438	04/20/88	360
				03/14/88	333		05/24/88	438	05/24/88	282
CONDFLD	µMHO	1		04/11/88	352		05/24/88	438	05/24/88	280
				05/03/88	334		05/24/88	438	05/24/88	280
				06/10/88	232			NR	05/24/88	280
COPPER	PPB	10	(1300.0)	01/05/88			01/19/88		05/24/88	
				02/09/88			05/24/88			NR
				03/14/88	11			NR		NR
				04/11/88				NR		NR
				05/03/88				NR		NR
				06/10/88				NR		NR
FARSENI	PPB	5	50	01/05/88			01/19/88		01/21/88	
				02/09/88			05/24/88	5	04/20/88	
				03/14/88				NR	05/24/88	
				04/11/88				NR		NR
				05/03/88				NR		NR
				06/10/88				NR		NR
FBARIUM	PPB	6	1000	01/05/88	15		01/19/88	47	01/21/88	72
				02/09/88	30		05/24/88	59	04/20/88	75
				03/14/88	29			NR	05/24/88	76
				04/11/88	31			NR		NR
				05/03/88	32			NR		NR
				06/10/88	37			NR		NR
FCALCIU	PPB	50		01/05/88	48900		01/19/88	48500	01/21/88	32700
				02/09/88	45400		05/24/88	58100	04/20/88	34800
				03/14/88	47200			NR	05/24/88	35200
				04/11/88	52900			NR		NR
				05/03/88	47200			NR		NR
				06/10/88	51100			NR		NR
FCHROMI	PPB	10	50	01/05/88	214	*	01/19/88		01/21/88	
				02/09/88	240	*	05/24/88		04/20/88	
				03/14/88	254	*		NR	05/24/88	
				04/11/88	279	*		NR		NR
				05/03/88	252	*		NR		NR
				06/10/88	210	*		NR		NR
FIRON	PPB	50		01/05/88			01/19/88		01/21/88	601
				02/09/88			05/24/88		04/20/88	308
				03/14/88				NR	05/24/88	103
				04/11/88				NR		NR
				05/03/88				NR		NR

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-H4-18	SAMPLE DATE	2-E17-5	SAMPLE DATE	2-E17-6
				06/10/88			NR		NR
FLUORID	PPB	500	4000	01/05/88		01/19/88	666	01/21/88	576
				02/09/88		05/24/88	679	04/20/88	
				03/14/88			NR	05/24/88	563
				04/11/88			NR		NR
				05/03/88			NR		NR
				06/10/88			NR		NR
FMAGNES	PPB	50		01/05/88	8200	01/19/88	14800	01/21/88	12200
				02/09/88	8070	05/24/88	18400	04/20/88	12900
				03/14/88	8210		NR	05/24/88	13000
				04/11/88	8680		NR		NR
FMAGNES	PPB	50		05/03/88	8240		NR		NR
				06/10/88	8950		NR		NR
FMANGAN	PPB	5		01/05/88		01/19/88		01/21/88	97
				02/09/88		05/24/88		04/20/88	77
				03/14/88			NR	05/24/88	58
				04/11/88			NR		NR
				05/03/88			NR		NR
				06/10/88			NR		NR
FPOTASS	PPB	100		01/05/88	4080	01/19/88	7140	01/21/88	6600
				02/09/88	4040	05/24/88	7660	04/20/88	6870
				03/14/88	4030		NR	05/24/88	6530
				04/11/88	4180		NR		NR
				05/03/88	3990		NR		NR
				06/10/88	4410		NR		NR
FSODIUM	PPB	200		01/05/88	10300	01/19/88	24400	01/21/88	17000
				02/09/88	10300	05/24/88	26000	04/20/88	17100
				03/14/88	9570		NR	05/24/88	20100
				04/11/88	9460		NR		NR
				05/03/88	9140		NR		NR
				06/10/88	10900		NR		NR
FSTRONT	PPB	10		01/05/88	212	01/19/88	264	01/21/88	212
				02/09/88	215	05/24/88	323	04/20/88	229
				03/14/88	223		NR	05/24/88	217
				04/11/88	235		NR		NR
				05/03/88	217		NR		NR
				06/10/88	239		NR		NR
FVANADI	PPB	5		01/05/88		01/19/88	16	01/21/88	
				02/09/88	6	05/24/88	20	04/20/88	
				03/14/88	7		NR	05/24/88	6
				04/11/88			NR		NR
				05/03/88			NR		NR
				06/10/88			NR		NR
FZINC	PPB	5		01/05/88		01/19/88		01/21/88	
				02/09/88		05/24/88		04/20/88	

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-H4-18	SAMPLE DATE	2-E17-5	SAMPLE DATE	2-E17-6
				03/14/88	6		NR	05/24/88	
				04/11/88			NR		NR
				05/03/88			NR		NR
				06/10/88	6		NR		NR
HNITRAT	PPB	2500	45000		NR	01/19/88	118000 *	01/21/88	
					NR	02/05/88	114000 *	04/20/88	2690
					NR	03/07/88	198000 *		NR
					NR	04/05/88	184000 *		NR
					NR	05/05/88	164000 *		NR
					NR	06/07/88	168000 *		NR
I-129DW	PCI/L	1			NR	04/20/88	15.60		NR
							(1.68)		
IRON	PPB	50		01/05/88	133	01/19/88		05/24/88	168
				02/09/88		05/24/88			NR
				03/14/88	119		NR		NR
IRON	PPB	50		04/11/88	53		NR		NR
				05/03/88			NR		NR
				06/10/88			NR		NR
LFLUORD	PPB	50	4000	04/11/88	198		NR	01/21/88	377
				05/03/88	165		NR	04/20/88	355
				06/10/88	201		NR		NR
MAGNES	PPB	0		01/05/88	8750	01/19/88	14600	05/24/88	13800
				02/09/88	8590	05/24/88	18400		NR
				03/14/88	8220		NR		NR
				04/11/88	8390		NR		NR
				05/03/88	8160		NR		NR
				06/10/88	8340		NR		NR
MANGESE	PPB	5		01/05/88		01/19/88		05/24/88	63
				02/09/88		05/24/88			NR
				03/14/88			NR		NR
				04/11/88			NR		NR
				05/03/88			NR		NR
				06/10/88			NR		NR
NITRATE	PPB	500	45000	01/05/88	22700	01/19/88	118000 *	01/21/88	
				02/09/88	20400	05/24/88	172000 *	04/20/88	10000
				03/14/88	23000		NR	05/24/88	46500 *
				04/11/88	20900		NR		NR
				05/03/88	18600		NR		NR
				06/10/88	22600		NR		NR
PH-LAB		0.01		01/05/88	7.71	01/19/88	7.86	01/21/88	7.67
				02/09/88	7.83		NR	04/20/88	8.10
				03/14/88	7.91		NR		NR
				04/11/88	7.78		NR		NR
				05/03/88	7.90		NR		NR
				06/10/88	7.80		NR		NR

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-H4-18	SAMPLE DATE	2-E17-5	SAMPLE DATE	2-E17-6
PHFIELD		0.10		01/05/88	6.40	01/19/88	8.30	01/21/88	7.50
				02/09/88	7.70	05/24/88	7.70	04/20/88	7.80
				03/14/88	8.30	05/24/88	7.70	05/24/88	7.60
				04/11/88	7.60	05/24/88	7.80	05/24/88	7.60
				05/03/88	8	05/24/88	7.70	05/24/88	7.60
				06/10/88	8.20		NR	05/24/88	7.60
POTASUM	PPB	100		01/05/88	3940	01/19/88	7370	05/24/88	6640
				02/09/88	4070	05/24/88	7660		NR
				03/14/88	3880		NR		NR
				04/11/88	4030		NR		NR
				05/03/88	4010		NR		NR
				06/10/88	4190		NR		NR
RADIUM	PCI/L	1	5	01/05/88		01/19/88			NR
				02/09/88		05/24/88	0.18		NR
							(0.15)		
				03/14/88	0.51		NR		NR
					(0.22)				
				04/11/88			NR		NR
				05/03/88	0.19		NR		NR
					(0.16)				
RADIUM	PCI/L	1	5	06/10/88			NR		NR
RU-106	PCI/L	172.50	30		NR	01/19/88			NR
					NR	02/05/88			NR
					NR	03/07/88	189 *		NR
							(74.10)		
					NR	04/05/88	379 *		NR
							(110)		
					NR	05/05/88	352 *		NR
							(107)		
					NR	06/07/88	350 *		NR
							(95.10)		
SODIUM	PPB	200		01/05/88	10200	01/19/88	25200	05/24/88	20800
				02/09/88	10700	05/24/88	26400		NR
				03/14/88	9420		NR		NR
				04/11/88	9350		NR		NR
				05/03/88	8810		NR		NR
				06/10/88	10000		NR		NR
SR 90	PCI/L	5	8		NR	01/19/88	3.35	01/21/88	
							(1.12)		
					NR	04/05/88	3.69		NR
							(1.19)		
STRONUM	PPB	10		01/05/88	247	01/19/88	263	05/24/88	236
				02/09/88	225	05/24/88	327		NR
				03/14/88	228		NR		NR
				04/11/88	226		NR		NR

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-H4-18	SAMPLE DATE	2-E17-5	SAMPLE DATE	2-E17-6
				05/03/88	214		NR		NR
				06/10/88	222		NR		NR
SULFATE	PPB	500		01/05/88	41600	01/19/88	37100	01/21/88	19400
				02/09/88	36200	05/24/88	35400	04/20/88	21700
				03/14/88	35700		NR	05/24/88	23400
				04/11/88	37100		NR		NR
				05/03/88	33000		NR		NR
				06/10/88	38800		NR		NR
TC	PPB	2000		01/05/88	26400	01/19/88	24000	01/21/88	37600
				02/09/88	27800	05/24/88	23000	04/20/88	34800
				03/14/88	28700		NR	05/24/88	29800
				04/11/88	27500		NR		NR
				05/03/88	27700		NR		NR
				06/10/88	27100		NR		NR
TC-99	PCI/L	15	900	03/14/88	17.70 (1.37)		NR		NR
				04/11/88	19.50 (1.43)		NR		NR
				05/03/88	15.60 (1.34)		NR		NR
				06/10/88	36.20 (1.59)		NR		NR
TDS				01/05/88	218000 a		NR		NR
				02/09/88	222000 a		NR		NR
TDS				03/14/88	211000 a		NR		NR
				04/11/88	229000 a		NR		NR
				05/03/88	220000 a		NR		NR
				06/10/88	224000 a		NR		NR
TRITIUM	PCI/L	500	20000	03/14/88	573 (218)	01/19/88	4210000 * (6580)	01/21/88	8240 (334)
				06/10/88	1550 (243)	02/05/88	4070000 * (7610)	04/20/88	6330 (358)
					NR	03/07/88	3260000 * (6780)		NR
					NR	04/05/88	2020000 * (5390)		NR
					NR	05/05/88	1440000 * (3920)		NR
					NR	06/07/88	1050000 * (3860)		NR
U-CHEM	UG/L	0.73		03/14/88	2.66	01/19/88	7.94		NR
				04/11/88	2.92	02/05/88	7.70		NR
				05/03/88	2.44	03/07/88	9.06		NR
				06/10/88	2.42	04/05/88	9.35		NR
					NR	05/05/88	4.60		NR

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-H4-18	SAMPLE DATE	2-E17-5	SAMPLE DATE	2-E17-6
					NR	06/07/88	8.34		NR
VANADUM	PPB	5		01/05/88		01/19/88	17	05/24/88	7
				02/09/88		05/24/88	19		NR
				03/14/88	5		NR		NR
				04/11/88			NR		NR
				05/03/88			NR		NR
				06/10/88	7		NR		NR
ZINC	PPB	5		01/05/88	10	01/19/88		05/24/88	
				02/09/88	9	05/24/88			NR
				03/14/88	13		NR		NR
				04/11/88	5		NR		NR
				05/03/88	7		NR		NR
				06/10/88	6		NR		NR

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E17-14	SAMPLE DATE	2-E17-15	SAMPLE DATE	2-E17-16
ALPHA	PCI/L	4	15	06/08/88	14.50	05/31/88	5.18	05/25/88	3.47
					(3.72)		(2.34)		(1.93)
ALUMNUM	PPB	150		06/08/88	1010	05/31/88		05/25/88	
AMMONIU	PPB	50		06/08/88	110	05/31/88		05/25/88	
ARSENIC	PPB	5	50	06/08/88	6	05/31/88	5	05/25/88	5
BARIUM	PPB	6	1000	06/08/88	82	05/31/88	59	05/25/88	53
BETA	PCI/L	8	50	06/08/88	781 +	05/31/88	2640 +	05/25/88	302 +
					(27.40)		(196)		(16.30)
CADMIUM	PPB	2	10	06/08/88	14 *	05/31/88		05/25/88	
CALCIUM	PPB	50		06/08/88	77800	05/31/88	79300	05/25/88	52400
CHLORID	PPB	500		06/08/88	5030	05/31/88	4470	05/25/88	10900
CHROMUM	PPB	10	50	06/08/88	28	05/31/88	225 *	05/25/88	223 *
COLIFRM	MPN	2	1	06/08/88	16 *	05/31/88		05/25/88	
CONDFLD	µMHO	1		06/08/88	918	05/31/88	749	05/25/88	500
				06/08/88	923	05/31/88	749	05/25/88	500
				06/08/88	926	05/31/88	749	05/25/88	500
				06/08/88	924	05/31/88	750	05/25/88	499
COPPER	PPB	10	(1300.0)	06/08/88	10	05/31/88		05/25/88	
FALUMIN	PPB	150		06/08/88	377	05/31/88		05/25/88	
FARSENI	PPB	5	50	06/08/88	6	05/31/88		05/25/88	6
FBARIUM	PPB	6	1000	06/08/88	76	05/31/88	58	05/25/88	51
FCADMIU	PPB	2	10	06/08/88	12 *	05/31/88		05/25/88	
FCALCIU	PPB	50		06/08/88	74500	05/31/88	77500	05/25/88	49200
FCHROMI	PPB	10	50	06/08/88	18	05/31/88	55 *	05/25/88	
FIRON	PPB	50		06/08/88	2470	05/31/88	411	05/25/88	
FLEAD	PPB	5	50	06/08/88	8	05/31/88		05/25/88	
FLUORID	PPB	500	4000	06/08/88	509	05/31/88	739	05/25/88	834
FMAGNES	PPB	50		06/08/88	22800	05/31/88	18800	05/25/88	15000
FMANGAN	PPB	5		06/08/88	28	05/31/88	30	05/25/88	17
FNICKEL	PPB	10		06/08/88		05/31/88	49	05/25/88	19
FPOTASS	PPB	100		06/08/88	7440	05/31/88	7460	05/25/88	6810
FSELENI	PPB	5	10	06/08/88		05/31/88		05/25/88	6
FSODIUM	PPB	200		06/08/88	28600	05/31/88	29600	05/25/88	26100
FSTRONT	PPB	10		06/08/88	395	05/31/88	360	05/25/88	251
FVANADI	PPB	5		06/08/88	19	05/31/88	14	05/25/88	17
FZINC	PPB	5		06/08/88	14	05/31/88	6	05/25/88	
IRON	PPB	50		06/08/88	5630	05/31/88	1080	05/25/88	1040
LEADGF	PPB	5	50	06/08/88	13	05/31/88		05/25/88	
MAGNES	PPB	0		06/08/88	24500	05/31/88	19800	05/25/88	15500
MANGESE	PPB	5		06/08/88	65	05/31/88	40	05/25/88	34
NICKEL	PPB	10		06/08/88	19	05/31/88	108	05/25/88	113
NITRATE	PPB	500	45000	06/08/88	225000 *	05/31/88	203000 *	05/25/88	74100 *
PHFIELD		0.10		06/08/88	7.90	05/31/88	7.90	05/25/88	8.20
				06/08/88	7.90	05/31/88	7.90	05/25/88	8.20

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E17-14	SAMPLE DATE	2-E17-15	SAMPLE DATE	2-E17-16
				06/08/88	8	05/31/88	7.80	05/25/88	8.30
				06/08/88	8	05/31/88	7.90	05/25/88	8.30
POTASUM	PPB	100		06/08/88	7010	05/31/88	7440	05/25/88	7390
RADIUM	PCI/L	1	5	06/08/88	0.21	05/31/88		05/25/88	
					(0.16)				
SELENUM	PPB	5	10	06/08/88		05/31/88		05/25/88	6
SODIUM	PPB	200		06/08/88	26900	05/31/88	30400	05/25/88	27100
STRONUM	PPB	10		06/08/88	399	05/31/88	377	05/25/88	261
SULFATE	PPB	500		06/08/88	34500	05/31/88	37000	05/25/88	92700
TC	PPB	2000		06/08/88	23500	05/31/88	24100	05/25/88	19500
TOXLDL	PPB	10		06/08/88		05/31/88	87.10	05/25/88	
				06/08/88		05/31/88	87.20	05/25/88	
				06/08/88		05/31/88	81.60	05/25/88	
				06/08/88		05/31/88	88.90	05/25/88	
VANADUM	PPB	5		06/08/88	20	05/31/88	14	05/25/88	15
ZINC	PPB	5		06/08/88	42	05/31/88	9	05/25/88	14

CONSTITUENT NAME	UNITS	DRINKING DETECTION LIMIT	WATER STANDARD	SAMPLE DATE	2-E17-17	SAMPLE DATE	2-E17-18	SAMPLE DATE	2-E25-18
ALKALIN					NR		NR	01/25/88	85700 @
ALPHA	PCI/L	4	15	05/26/88	2.69	05/25/88	3.66	01/25/88	1.48
					(1.50)		(1.59)		(0.57)
					NR		NR	05/11/88	0.68
									(0.42)
ARSENIC	PPB	5	50	05/26/88		05/25/88	8	01/25/88	9
					NR		NR	04/05/88	11
BARIUM	PPB	6	1000	05/26/88	48	05/25/88	39	01/25/88	15
					NR		NR	04/05/88	7
BETA	PCI/L	8	50	05/26/88	83 +	05/25/88	96.80 +	01/25/88	13.30
					(8.85)		(9.31)		(2.58)
					NR		NR	05/11/88	7.28
									(2.03)
CALCIUM	PPB	50		05/26/88	38300	05/25/88	26400	01/25/88	27100
					NR		NR	04/05/88	21500
CHLORID	PPB	500		05/26/88	5360	05/25/88	4820	01/25/88	4320
CHROMUM	PPB	10	50	05/26/88	203 *	05/25/88	121 *	01/25/88	
					NR		NR	04/05/88	
COLIFRM	MPN	2	1	05/26/88		05/25/88	16 *		NR
CONDFLD	µMHO	1		05/26/88	390	05/25/88	236	01/25/88	250
				05/26/88	390	05/25/88	236	04/05/88	237
				05/26/88	390	05/25/88	236		NR
				05/26/88	390	05/25/88	236		NR
FARSENI	PPB	5	50		NR	05/25/88	8	01/25/88	9

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E17-17		SAMPLE DATE	2-E17-18	SAMPLE DATE	2-E25-18
					NR			NR	04/05/88	11
FBARIUM	PPB	6	1000		NR		05/25/88	38	01/25/88	20
					NR			NR	04/05/88	17
FCALCIU	PPB	50			NR		05/25/88	26500	01/25/88	31500
					NR			NR	04/05/88	22900
FLUORID	PPB	500	4000	05/26/88	528		05/25/88	510	01/25/88	559
FMAGNES	PPB	50			NR		05/25/88	8290	01/25/88	8850
					NR			NR	04/05/88	6580
FMANGAN	PPB	5			NR		05/25/88	13	01/25/88	7
					NR			NR	04/05/88	9
FNICKEL	PPB	10			NR		05/25/88	17	01/25/88	
					NR			NR	04/05/88	
FPOTASS	PPB	100			NR		05/25/88	5040	01/25/88	6000
					NR			NR	04/05/88	5120
FSODIUM	PPB	200			NR		05/25/88	18800	01/25/88	21400
					NR			NR	04/05/88	18200
FSTRONT	PPB	10			NR		05/25/88	136	01/25/88	148
FVANADI	PPB	5			NR		05/25/88	24	01/25/88	41
					NR			NR	04/05/88	41
FZINC	PPB	5			NR		05/25/88		01/25/88	9
					NR			NR	04/05/88	7
HNITRAT	PPB	2500	45000		NR			NR	01/25/88	41300
					NR			NR	05/11/88	19200
IRON	PPB	50		05/26/88	1190		05/25/88	615	01/25/88	
IRON	PPB	50			NR			NR	04/05/88	150
LEADGF	PPB	5	50	05/26/88	6		05/25/88		01/25/88	
MAGNES	PPB	0		05/26/88	11700		05/25/88	8290	01/25/88	7720
					NR			NR	04/05/88	6140
MANGESE	PPB	5		05/26/88	41		05/25/88	21	01/25/88	6
					NR			NR	04/05/88	9
NICKEL	PPB	10		05/26/88	102		05/25/88	62	01/25/88	
					NR			NR	04/05/88	
NITRATE	PPB	500	45000	05/26/88	80800	*	05/25/88	27700	01/25/88	39500
PH-LAB		0.01			NR			NR	01/25/88	7.79
PHFIELD		0.10		05/26/88	8.30		05/25/88	7.60	01/25/88	7.40
				05/26/88	8.30		05/25/88	7.60	04/05/88	7.90
				05/26/88	8.30		05/25/88	7.60		NR
				05/26/88	8.40		05/25/88	7.60		NR
POTASUM	PPB	100		05/26/88	6660		05/25/88	5340	01/25/88	5510
					NR			NR	04/05/88	4810
SODIUM	PPB	200		05/26/88	24100		05/25/88	19300	01/25/88	20400
					NR			NR	04/05/88	18000
STRONUM	PPB	10		05/26/88	201		05/25/88	139	01/25/88	136
SULFATE	PPB	500		05/26/88	33400		05/25/88	27100	01/25/88	28100
TC	PPB	2000		05/26/88	20900		05/25/88	20800	01/25/88	22000

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E17-17	SAMPLE DATE	2-E17-18	SAMPLE DATE	2-E25-18
TC-99	PCI/L	15	900		NR		NR	04/05/88	2.11
									(0.11)
TOXLDL	PPB	10		05/26/88		05/25/88		01/25/88	26.60
				05/26/88		05/25/88			NR
				05/26/88		05/25/88			NR
				05/26/88		05/25/88			NR
TRITIUM	PCI/L	500	20000		NR		NR	01/25/88	552000 *
									(2450)
					NR		NR	05/11/88	252000 *
									(1660)
VANADUM	PPB	5		05/26/88	17	05/25/88	17	01/25/88	35
					NR		NR	04/05/88	36
ZINC	PPB	5		05/26/88	9	05/25/88	6	01/25/88	7
					NR		NR	04/05/88	13

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E25-22	SAMPLE DATE	2-E25-25	SAMPLE DATE	2-E25-26
ALKALIN				01/25/88	89100 @		NR		NR
ALPHA	PCI/L	4	15	01/25/88	1.23	03/29/88			NR
					(0.50)				
				04/19/88	0.98	03/29/88			NR
					(0.47)				
ARSENIC	PPB	5	50	01/25/88	8	01/19/88	6	03/28/88	7
				04/01/88	10	01/19/88			NR
					NR	03/29/88			NR
BARIUM	PPB	6	1000	01/25/88	15	01/19/88	14	03/28/88	13
				04/01/88	9	01/19/88	15		NR
					NR	03/29/88	20		NR
BETA	PCI/L	8	50	01/25/88	5.76	03/29/88	8.40		NR
					(1.81)		(3.70)		
				04/19/88	6.69	03/29/88	5.38		NR
					(1.91)		(3.35)		
CALCIUM	PPB	50		01/25/88	23200	01/19/88	16500	03/28/88	20100
				04/01/88	20400	01/19/88	16900		NR
					NR	03/29/88	20300		NR
CHLORID	PPB	500		01/25/88	3830	01/19/88	2310	03/28/88	2990
				04/01/88	3370	03/29/88	3370		NR
					NR	03/29/88	3340		NR
CHROMUM	PPB	10	50	01/25/88		01/19/88		03/28/88	
				04/01/88		01/19/88			NR
					NR	03/29/88	26		NR
CONDFLD	µMHO	1		01/25/88	222	01/19/88	163	03/28/88	185
				04/01/88	208	01/19/88	163		NR
					NR	01/19/88	162		NR
					NR	01/19/88	162		NR
					NR	03/29/88	124		NR
					NR	03/29/88	124		NR
					NR	03/29/88	124		NR
					NR	03/29/88	124		NR
FARSENI	PPB	5	50	01/25/88	11	01/19/88		03/28/88	5
				04/01/88	6	01/19/88	6		NR
					NR	03/29/88			NR
					NR	03/29/88			NR
FBARIUM	PPB	6	1000	01/25/88	20	01/19/88	19	03/28/88	18
				04/01/88	20	01/19/88	18		NR
					NR	03/29/88	16		NR
					NR	03/29/88	18		NR
FCALCIU	PPB	50		01/25/88	22200	01/19/88	17300	03/28/88	18600
				04/01/88	20700	01/19/88	16900		NR
					NR	03/29/88	21100		NR
					NR	03/29/88	20400		NR
FCOPPER	PPB	10	(1300.0)	01/25/88		01/19/88		03/28/88	17

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E25-22	SAMPLE DATE	2-E25-25	SAMPLE DATE	2-E25-26
				04/01/88		01/19/88			NR
					NR	03/29/88			NR
					NR	03/29/88			NR
FLUORID	PPB	500	4000	01/25/88	507	01/19/88		03/28/88	
				04/01/88	527	03/29/88			NR
					NR	03/29/88			NR
FMAGNES	PPB	50		01/25/88	6110	01/19/88	5040	03/28/88	5270
				04/01/88	5850	01/19/88	4890		NR
					NR	03/29/88	6150		NR
					NR	03/29/88	5790		NR
FPOTASS	PPB	100		01/25/88	5530	01/19/88	4450	03/28/88	4060
				04/01/88	5350	01/19/88	4330		NR
					NR	03/29/88	4020		NR
					NR	03/29/88	3810		NR
FSODIUM	PPB	200		01/25/88	17700	01/19/88	7320	03/28/88	11000
				04/01/88	17600	01/19/88	7290		NR
					NR	03/29/88	6200		NR
					NR	03/29/88	5780		NR
FSTRONT	PPB	10		01/25/88	115	01/19/88	103	03/28/88	105
					NR	01/19/88	101		NR
					NR	03/29/88	120		NR
					NR	03/29/88	114		NR
FVANADI	PPB	5		01/25/88	51	01/19/88	19	03/28/88	34
				04/01/88	51	01/19/88	20		NR
					NR	03/29/88	14		NR
					NR	03/29/88	8		NR
FZINC	PPB	5		01/25/88	16	01/19/88	7	03/28/88	13
				04/01/88	10	01/19/88	8		NR
					NR	03/29/88	9		NR
					NR	03/29/88			NR
HNITRAT	PPB	2500	45000	01/25/88	5830		NR		NR
				04/19/88	4430		NR		NR
IRON	PPB	50		01/25/88		01/19/88	362	03/28/88	363
				04/01/88		01/19/88	399		NR
					NR	03/29/88	385		NR
MAGNES	PPB	0		01/25/88	6570	01/19/88	4870	03/28/88	5540
				04/01/88	5710	01/19/88	4990		NR
					NR	03/29/88	5960		NR
MANGESE	PPB	5		01/25/88		01/19/88	6	03/28/88	
				04/01/88		01/19/88	6		NR
					NR	03/29/88	9		NR
NICKEL	PPB	10		01/25/88		01/19/88		03/28/88	
				04/01/88		01/19/88			NR
					NR	03/29/88	13		NR
NITRATE	PPB	500	45000	01/25/88	5880	01/19/88	582	03/28/88	1210

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E25-22	SAMPLE DATE	2-E25-25	SAMPLE DATE	2-E25-26
				04/01/88	4290	03/29/88	746		NR
					NR	03/29/88	709		NR
PH-LAB		0.01		01/25/88	7.94		NR		NR
PHFIELD		0.10		01/25/88	7.70	01/19/88	7.90	03/28/88	8.20
				04/01/88	8.10	01/19/88	7.90		NR
					NR	01/19/88	7.90		NR
PHFIELD		0.10			NR	01/19/88	7.90		NR
					NR	03/29/88	10		NR
					NR	03/29/88	10.10		NR
					NR	03/29/88	10.20		NR
					NR	03/29/88	10.20		NR
POTASUM	PPB	100		01/25/88	6040	01/19/88	4400	03/28/88	4160
				04/01/88	5350	01/19/88	4560		NR
					NR	03/29/88	3880		NR
SODIUM	PPB	200		01/25/88	19900	01/19/88	7210	03/28/88	11200
				04/01/88	18300	01/19/88	7630		NR
					NR	03/29/88	6000		NR
STRONUM	PPB	10			NR	01/19/88	101	03/28/88	101
					NR	01/19/88	105		NR
					NR	03/29/88	116		NR
SULFATE	PPB	500		01/25/88	27000	01/19/88	11000	03/28/88	16500
				04/01/88	22500	03/29/88	14000		NR
					NR	03/29/88	14000		NR
TC	PPB	2000		01/25/88	22100	01/19/88	17500	03/28/88	17600
				04/01/88	20000	03/29/88	16700		NR
TC-99	PCI/L	15	900	04/01/88	1.33	01/19/88	0.34	03/28/88	0.57
					(0.06)		(0.03)		(0.03)
					NR	01/19/88	0.28		NR
							(0.04)		
					NR	03/29/88	0.18		NR
							(0.01)		
TOXLDL	PPB	10		01/25/88		01/19/88	103	03/28/88	
					NR	01/19/88	129		NR
					NR	01/19/88	103		NR
					NR	01/19/88	118		NR
					NR	03/29/88			NR
					NR	03/29/88			NR
					NR	03/29/88			NR
					NR	03/29/88			NR
TRITIUM	PCI/L	500	20000	01/25/88	8460	01/19/88	558	03/28/88	3120
					(344)		(178)		(284)
				04/01/88	8420	03/29/88	486		NR
					(393)		(209)		
				04/19/88	6610		NR		NR
					(364)				

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E25-22	SAMPLE DATE	2-E25-25	SAMPLE DATE	2-E25-26
VANADUM	PPB	5		01/25/88	53	01/19/88	20	03/28/88	43
				04/01/88	48	01/19/88	21		NR
					NR	03/29/88	13		NR
ZINC	PPB	5		01/25/88	17	01/19/88	11	03/28/88	13
				04/01/88	13	01/19/88	10		NR
					NR	03/29/88	6		NR

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E25-27	SAMPLE DATE	2-E25-28	SAMPLE DATE	2-E25-30
ALUMNUM	PPB	150		03/30/88		03/31/88		04/12/88	211
					NR		NR	04/12/88	179
ARSENIC	PPB	5	50	03/30/88	7	03/31/88	11	04/12/88	46
					NR		NR	04/12/88	45
BARIUM	PPB	6	1000	03/30/88	16	03/31/88	20	04/12/88	12
					NR		NR	04/12/88	8
CALCIUM	PPB	50		03/30/88	18700	03/31/88	19600	04/12/88	11000
					NR		NR	04/12/88	11200
CHLORID	PPB	500		03/30/88	3260	03/31/88	3210	04/12/88	2820
CHROMUM	PPB	10	50	03/30/88		03/31/88		04/12/88	260 *
					NR		NR	04/12/88	429 *
CO-60	PCI/L	22.50	100	03/30/88		03/31/88		04/12/88	5.33
									(4.77)
CONDFLD	µMHO	1		03/30/88	167	03/31/38	174	04/12/88	629
					NR		NR	04/14/88	578
CS-137	PCI/L	20	200	03/30/88		03/31/88		04/12/88	5.30
									(4.95)
FARSENI	PPB	5	50	03/30/88	7	03/31/88	9		NR
FBARIUM	PPB	6	1000	03/30/88	16	03/31/88	19		NR
FCALCIU	PPB	50		03/30/88	19100	03/31/88	19700		NR
FLUORID	PPB	500	4000	03/30/88		03/31/88		04/12/88	628
FMAGNES	PPB	50		03/30/88	5680	03/31/88	5800		NR
FPOTASS	PPB	100		03/30/88	4240	03/31/88	3840		NR
FSODIUM	PPB	200		03/30/88	10900	03/31/88	11600		NR
FSTRONT	PPB	10		03/30/88	105	03/31/88	104		NR
FVANADI	PPB	5		03/30/88	35	03/31/88	43		NR
FZINC	PPB	5		03/30/88	7	03/31/88	23		NR
IRON	PPB	50		03/30/88	107	03/31/88	118	04/12/88	1270
					NR		NR	04/12/88	1840
MAGNES	PPB	0		03/30/88	5760	03/31/88	6070	04/12/88	4400
					NR		NR	04/12/88	4280
MANGESE	PPB	5		03/30/88		03/31/88		04/12/88	28
					NR		NR	04/12/88	42
NICKEL	PPB	10		03/30/88		03/31/88		04/12/88	125
					NR		NR	04/12/88	206
NITRATE	PPB	500	45000	03/30/88	1520	03/31/88	812	04/12/88	5140
PHFIELD		0.10		03/30/88	8.40	03/31/88	8.60	04/12/88	8.50
					NR		NR	04/14/88	8.80
PHOSPHA	PPB	1000		03/30/88		03/31/88		04/12/88	24500
POTASUM	PPB	100		03/30/88	4420	03/31/88	4050	04/12/88	5280
					NR		NR	04/12/88	5360
SODIUM	PPB	200		03/30/88	11500	03/31/88	12400	04/12/88	107000
					NR		NR	04/12/88	103000
STRONUM	PPB	10		03/30/88	105	03/31/88	108	04/12/88	95
					NR		NR	04/12/88	92

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E25-27	SAMPLE DATE	2-E25-28	SAMPLE DATE	2-E25-30
SULFATE	PPB	500		03/30/88	17700	03/31/88	12600	04/12/88	66500
TC	PPB	2000		03/30/88	17000	03/31/88	19000	04/12/88	35500
TC-99	PCI/L	15	900	03/30/88	1.40	03/31/88	0.62	04/14/88	1.48
					(0.04)		(0.05)		(0.11)
TRITIUM	PCI/L	500	20000	03/30/88	3120	03/31/88	1690	04/12/88	2160
					(284)		(245)		(179)
UNKNOWN	PPB	0			NR		NR	04/14/88	23
VANADUM	PPB	5		03/30/88	34	03/31/88	42	04/12/88	97
					NR		NR	04/12/88	104
ZINC	PPB	5		03/30/88	13	03/31/88	52	04/12/88	
					NR		NR	04/12/88	

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E25-31		SAMPLE DATE	2-E25-33		SAMPLE DATE	3-1-1	
ALPHA	PCI/L	4	15	01/20/88	1.77		04/12/88	1.08		.05/19/88	17.70	+
					(1.13)			(1.05)			(3.02)	
				04/13/88	2.03			NR			NR	
					(1.22)							
ALUMNUM	PPB	150		01/20/88	288		04/12/88	258		05/19/88		
				04/13/88				NR			NR	
AMMONIU	PPB	50		01/20/88	75		04/12/88			05/19/88	56	
				04/13/88				NR			NR	
ARSENIC	PPB	5	50	01/20/88	11		04/12/88	5		05/19/88		
				04/13/88	10			NR			NR	
BARIUM	PPB	6	1000	01/20/88	31		04/12/88	35		05/19/88	35	
				04/13/88	29			NR			NR	
BETA	PCI/L	8	50	01/20/88	5.26		04/12/88	9.01		05/19/88	8.39	
					(3.36)			(4.04)			(3.71)	
				04/13/88	3.84			NR			NR	
					(3.37)							
CALCIUM	PPB	50		01/20/88	22900		04/12/88	27200		05/19/88	22700	
				04/13/88	22500			NR			NR	
CHLORID	PPB	500		01/20/88	3830		04/12/88	4120		05/19/88	10800	
				04/13/88	3450			NR			NR	
CHROMUM	PPB	10	50	01/20/88	51	*	04/12/88	41		05/19/88		
				04/13/88	52	*		NR			NR	
COLIFRM	MPN	2	1	01/20/88			04/12/88			05/19/88	16	*
				04/13/88				NR			NR	
CONDFLD	µMHO	1		01/20/88	235		04/12/88	326		05/19/88	179	
				01/20/88	237			NR			NR	
				01/20/88	238			NR			NR	
				01/20/88	238			NR			NR	
				04/13/88	250			NR			NR	
				04/13/88	248			NR			NR	
				04/13/88	249			NR			NR	
				04/13/88	249			NR			NR	
FALUMIN	PPB	150		01/20/88			04/12/88	170		05/19/88		
				04/13/88				NR			NR	
FARSENI	PPB	5	50	01/20/88	10		04/12/88	6		05/19/88		
				04/13/88	10			NR			NR	
FBARIUM	PPB	6	1000	01/20/88	33		04/12/88	33		05/19/88	35	
				04/13/88	32			NR			NR	
FCALCIU	PPB	50		01/20/88	23600		04/12/88	27700		05/19/88	22300	
				04/13/88	23300			NR			NR	
FCHROMI	PPB	10	50	01/20/88			04/12/88	26		05/19/88		
				04/13/88				NR			NR	
FIRON	PPB	50		01/20/88	63		04/12/88	511		05/19/88		
				04/13/88				NR			NR	
FLUORID	PPB	500	4000	01/20/88	648		04/12/88	716		05/19/88	595	

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E25-31	SAMPLE DATE	2-E25-33	SAMPLE DATE	3-1-1
				04/13/88	546		NR		NR
FMAGNES	PPB	50		01/20/88	6550	04/12/88	6620	05/19/88	4330
				04/13/88	6360		NR		NR
FMANGAN	PPB	5		01/20/88		04/12/88	23	05/19/88	
				04/13/88			NR		NR
FNICKEL	PPB	10		01/20/88		04/12/88	13	05/19/88	
				04/13/88			NR		NR
FPOTASS	PPB	100		01/20/88	5300	04/12/88	5570	05/19/88	2250
				04/13/88	4650		NR		NR
FSODIUM	PPB	200		01/20/88	20700	04/12/88	29900	05/19/88	9900
				04/13/88	18300		NR		NR
FSTRONT	PPB	10		01/20/88	115	04/12/88	135	05/19/88	97
				04/13/88	113		NR		NR
FVANADI	PPB	5		01/20/88	38	04/12/88	15	05/19/88	
				04/13/88	36		NR		NR
FZINC	PPB	5		01/20/88	5	04/12/88		05/19/88	
				04/13/88			NR		NR
IRON	PPB	50		01/20/88	1070	04/12/88	801	05/19/88	
				04/13/88	1100		NR		NR
MAGNES	PPB	0		01/20/88	6470	04/12/88	6710	05/19/88	4350
				04/13/88	6240		NR		NR
MANGESE	PPB	5		01/20/88	17	04/12/88	25	05/19/88	
				04/13/88	17		NR		NR
NICKEL	PPB	10		01/20/88	25	04/12/88	18	05/19/88	
				04/13/88	24		NR		NR
NITRATE	PPB	500	45000	01/20/88	5150	04/12/88	6370	05/19/88	1570
				04/13/88	5730		NR		NR
PHFIELD		0.10		01/20/88	8.20	04/12/88	7.80	05/19/88	7.20
				01/20/88	8.20		NR		NR
				01/20/88	8.20		NR		NR
				01/20/88	8.20		NR		NR
				04/13/88	7.80		NR		NR
				04/13/88	7.90		NR		NR
				04/13/88	8		NR		NR
				04/13/88	8		NR		NR
POTASUM	PPB	100		01/20/88	5240	04/12/88	5680	05/19/88	2390
				04/13/88	4890		NR		NR
RADIUM	PCI/L	1	5	01/20/88		04/12/88	0.17	05/19/88	
							(0.15)		
				04/13/88			NR		NR
SODIUM	PPB	200		01/20/88	20200	04/12/88	31200	05/19/88	10200
				04/13/88	19000		NR		NR
STRONUM	PPB	10		01/20/88	115	04/12/88	136	05/19/88	96
				04/13/88	107		NR		NR
SULFATE	PPB	500		01/20/88	24000	04/12/88	40800	05/19/88	15900

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E25-31	SAMPLE DATE	2-E25-33	SAMPLE DATE	3-1-1
				04/13/88	24500		NR		NR
TC	PPB	2000		01/20/88	23200	04/12/88	25000	05/19/88	16600
				04/13/88	24000		NR		NR
TC-99	PCI/L	15	900	04/14/88	0.91	04/14/88	2.88	02/04/88	11.10
					{ 0.06}		{ 0.18}		{ 1.24}
TOC	PPB	2000		01/20/88		04/12/88		05/19/88	
TOC	PPB	2000		01/20/88		04/12/88			NR
				01/20/88		04/12/88			NR
				01/20/88		04/12/88			NR
				02/29/88	2800		NR		NR
				04/13/88	3790		NR		NR
				04/13/88	3750		NR		NR
				04/13/88	3710		NR		NR
				04/13/88	3010		NR		NR
TOXLDL	PPB	10		01/20/88		04/12/88		05/19/88	
				01/20/88		04/12/88			NR
				01/20/88		04/12/88			NR
				01/20/88		04/12/88	21		NR
				04/13/88	45300		NR		NR
				04/13/88	5770		NR		NR
				04/13/88	7750		NR		NR
				04/13/88	6830		NR		NR
TRITIUM	PCI/L	500	20000	01/20/88	21400 *	04/12/88	23900 *	02/04/88	
					{ 497 }		{ 428 }		
				04/13/88	20700 *		NR	05/19/88	
					{ 401 }				
U	PCI/L	0.50	600		NR		NR	02/04/88	13.10
					NR		NR	05/19/88	18.40
UNKNOWN	PPB	0		04/13/88	4100		NR		NR
				04/13/88	54		NR		NR
				04/13/88	21		NR		NR
				04/13/88	19		NR		NR
VANADUM	PPB	5		01/20/88	37	04/12/88	7	05/19/88	
				04/13/88	34		NR		NR
ZINC	PPB	5		01/20/88	21	04/12/88		05/19/88	8
				04/13/88	26		NR		NR

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	3-1-2	SAMPLE DATE	3-1-4	SAMPLE DATE	3-1-6
ALPHA	PCI/L	4	15	05/10/88	34.20 + (4.42)	05/24/88	21 + (3.17)	05/27/88	27.70 + (3.71)
AMMONIU	PPB	50		05/10/88	56	05/24/88		05/27/88	
BARIUM	PPB	6	1000	05/10/88	31	05/24/88	16	05/27/88	20
BETA	PCI/L	8	50	05/10/88	22.90 (5.24)	05/24/88	12 (4.11)	05/27/88	14.40 (4.24)
CALCIUM	PPB	50		05/10/88	33900	05/24/88	17800	05/27/88	22300
CHLFORM	PPB	10	100	05/10/88		05/24/88	22	05/27/88	16
CHLORID	PPB	500		05/10/88	14800	05/24/88	4890	05/27/88	6800
COLIFRM	MPN	2	1	05/10/88		05/24/88	9.20 *	05/27/88	
CONDFLD	µMHO	1		05/10/88	239	05/24/88	125	05/27/88	154
FBARIUM	PPB	6	1000	05/10/88	30	05/24/88	16	05/27/88	20
FCALCIU	PPB	50		05/10/88	34200	05/24/88	16900	05/27/88	23300
FCOPPER	PPB	10	(1300.0)	05/10/88		05/24/88		05/27/88	10
FIRON	PPB	50		05/10/88		05/24/88	62	05/27/88	81
FMAGNES	PPB	50		05/10/88	6820	05/24/88	3650	05/27/88	4960
FPOTASS	PPB	100		05/10/88	3370	05/24/88	1650	05/27/88	2000
FSODIUM	PPB	200		05/10/88	11000	05/24/88	7260	05/27/88	7330
FSTRONT	PPB	10		05/10/88	136	05/24/88	74	05/27/88	103
FVANADI	PPB	5		05/10/88	7	05/24/88		05/27/88	
FZINC	PPB	5		05/10/88	5	05/24/88	5	05/27/88	13
IRON	PPB	50		05/10/88	51	05/24/88	61	05/27/88	135
MAGNES	PPB	0		05/10/88	6680	05/24/88	3810	05/27/88	4760
METHYCH	PPB	5		05/10/88		05/24/88	43	05/27/88	
NITRATE	PPB	500	45000	05/10/88	6900	05/24/88	761	05/27/88	1810
PHFIELD		0.10		05/10/88	7.20	05/24/88	7.20	05/27/88	6.60
POTASUM	PPB	100		05/10/88	3150	05/24/88	1640	05/27/88	1960
SODIUM	PPB	200		05/10/88	10300	05/24/88	7610	05/27/88	7050
STRONUM	PPB	10		05/10/88	137	05/24/88	79	05/27/88	103
SULFATE	PPB	500		05/10/88	26100	05/24/88	20100	05/27/88	20400
TC	PPB	2000		05/10/88	21300	05/24/88	13300	05/27/88	15800
TC-99	PCI/L	15	900	02/04/88	10.90 (1.24)		NR		NR
TOXLDL	PPB	10		05/10/88		05/24/88	78	05/27/88	25.90
TRITIUM	PCI/L	500	20000	02/04/88	575 (214)		NR	02/04/88	
				05/10/88	1690 (244)		NR	05/27/88	397 (202)
U	PCI/L	0.50	600	02/04/88	9.74	02/08/88	38.10	02/04/88	19.30
				05/10/88	29.90	05/24/88	18.50	05/27/88	19.50
ZINC	PPB	5		05/10/88	8	05/24/88	8	05/27/88	15

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	3-1-7	SAMPLE DATE	3-1-8	SAMPLE DATE	3-1-9
ALPHA	PCI/L	4	15	05/24/88	64.70 + (5.84)	05/25/88	47.30 + (5.30)	05/25/88	
AMMONIU	PPB	50		05/24/88		05/25/88		05/25/88	140
BARIUM	PPB	6	1000	05/24/88	24	05/25/88	33	05/25/88	119
BETA	PCI/L	8	50	05/24/88	33.80 (5.95)	05/25/88	18.60 (4.71)	05/25/88	8.52 (4.25)
CALCIUM	PPB	50		05/24/88	24200	05/25/88	19300	05/25/88	18900
CHLFORM	PPB	10	100	05/24/88	14	05/25/88		05/25/88	
CHLORID	PPB	500		05/24/88	16100	05/25/88	13500	05/25/88	11300
CHROMUM	PPB	10	50	05/24/88		05/25/88		05/25/88	64 *
CONDFLD	µMHO	1		05/24/88	152	05/25/88	243	05/25/88	343
COPPER	PPB	10	(1300.0)	05/24/88	14	05/25/88		05/25/88	
FBARIUM	PPB	6	1000	05/24/88	22	05/25/88	31	05/25/88	115
FCALCIU	PPB	50		05/24/88	23300	05/25/88	18500	05/25/88	18000
FCOPPER	PPB	10	(1300.0)	05/24/88	10	05/25/88		05/25/88	
FIRON	PPB	50		05/24/88	58	05/25/88		05/25/88	115
FLUORID	PPB	500	4000	05/24/88	558	05/25/88	611	05/25/88	1300
FMAGNES	PPB	50		05/24/88	4710	05/25/88	5830	05/25/88	7550
FMANGAN	PPB	5		05/24/88		05/25/88	17	05/25/88	62
FPOTASS	PPB	100		05/24/88	2280	05/25/88	5070	05/25/88	5860
FSODIUM	PPB	200		05/24/88	14700	05/25/88	25600	05/25/88	55200
FSTRONT	PPB	10		05/24/88	99	05/25/88	104	05/25/88	114
FZINC	PPB	5		05/24/88	6	05/25/88		05/25/88	
IRON	PPB	50		05/24/88	108	05/25/88	66	05/25/88	544
MAGNES	PPB	0		05/24/88	4820	05/25/88	6120	05/25/88	7860
MANGESE	PPB	5		05/24/88		05/25/88	17	05/25/88	73
NICKEL	PPB	10		05/24/88		05/25/88		05/25/88	32
NITRATE	PPB	500	45000	05/24/88	2720	05/25/88	1160	05/25/88	
PHFIELD		0.10		05/24/88	7	05/25/88	7.70	05/25/88	8.20
POTASUM	PPB	100		05/24/88	2200	05/25/88	5630	05/25/88	6330
SODIUM	PPB	200		05/24/88	14700	05/25/88	27600	05/25/88	59800
STRONUM	PPB	10		05/24/88	105	05/25/88	109	05/25/88	121
SULFATE	PPB	500		05/24/88	17500	05/25/88	11200	05/25/88	533
TC	PPB	2000		05/24/88	17200	05/25/88	22900	05/25/88	40300
TOXLDL	PPB	10		05/24/88	27	05/25/88		05/25/88	
U	PCI/L	0.50	600	02/05/88	32.80	02/05/88	11.90	02/05/88	
				05/24/88	53.20	05/25/88	30.90	05/25/88	
ZINC	PPB	5		05/24/88	8	05/25/88		05/25/88	6

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	3-1-10	SAMPLE DATE	3-1-11	SAMPLE DATE	3-1-12
ALPHA	PCI/L	4	15	05/26/88	25.80 + (3.64)	05/17/88	40 + (4.45)	05/17/88	87.90 + (6.75)
AMMONIU	PPB	50		05/26/88		05/17/88	66	05/17/88	58
BARIUM	PPB	6	1000	05/26/88	29	05/17/88	18	05/17/88	20
BETA	PCI/L	8	50	05/26/88	11.80 (3.99)	05/17/88	9.77 (4.26)	05/17/88	26.40 (5.28)
CALCIUM	PPB	50		05/26/88	23700	05/17/88	20600	05/17/88	22900
CHLFORM	PPB	10	100	05/26/88	15	01/07/88	11	05/17/88	17
					NR	01/13/88	12		NR
					NR	01/20/88	12		NR
					NR	01/28/88	10		NR
					NR	02/05/88	13		NR
					NR	02/11/88	12		NR
					NR	02/18/88			NR
					NR	02/26/88	11		NR
					NR	03/03/88	12		NR
					NR	03/10/88	10		NR
					NR	03/17/88	12		NR
					NR	03/25/88	10		NR
					NR	03/31/88	12		NR
					NR	04/08/88	10		NR
					NR	04/15/88	12		NR
					NR	04/21/88	14		NR
					NR	04/28/88	15		NR
					NR	05/05/88	18		NR
					NR	05/12/88	17		NR
					NR	05/17/88	18		NR
					NR	05/26/88	21		NR
					NR	06/02/88	21		NR
					NR	06/08/88	23		NR
					NR	06/16/88	27		NR
					NR	06/23/88	28		NR
CHLORID	PPB	500		05/26/88	11200	01/07/88	15600	05/17/88	13700
					NR	01/13/88	28000		NR
					NR	01/20/88	20200		NR
					NR	01/28/88	35400		NR
					NR	02/05/88	5070		NR
					NR	02/11/88	10600		NR
					NR	02/18/88	3550		NR
					NR	02/26/88	26600		NR
					NR	03/03/88	18800		NR
					NR	03/10/88	21500		NR
					NR	03/17/88	9210		NR
					NR	03/25/88	6140		NR

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	3-1-10	SAMPLE DATE	3-1-11	SAMPLE DATE	3-1-12
					NR	03/31/88	4000		NR
					NR	04/08/88	5610		NR
					NR	04/15/88	4620		NR
					NR	04/21/88	24400		NR
CHLORID	PPB	500			NR	04/28/88	5600		NR
					NR	05/05/88	9180		NR
					NR	05/12/88	10700		NR
					NR	05/17/88	5470		NR
					NR	05/26/88	4720		NR
					NR	06/02/88	36300		NR
					NR	06/08/88	4810		NR
					NR	06/16/88	5800		NR
					NR	06/23/88	74800		NR
CONDFLD	µMHO	1		05/26/88	177	01/07/88		05/17/88	195
					NR	01/13/88	190		NR
					NR	01/20/88	219		NR
					NR	01/28/88	233		NR
					NR	02/05/88	140		NR
					NR	02/11/88	134		NR
					NR	02/18/88	154		NR
					NR	02/26/88	180		NR
					NR	03/03/88	174		NR
					NR	03/10/88	206		NR
					NR	03/17/88	173		NR
					NR	03/25/88	157		NR
					NR	03/31/88	134		NR
					NR	04/08/88	184		NR
					NR	04/15/88	178		NR
					NR	04/21/88	293		NR
					NR	04/28/88	204		NR
					NR	05/05/88	198		NR
					NR	05/12/88	189		NR
					NR	05/17/88	158		NR
					NR	05/26/88	136		NR
					NR	06/02/88	226		NR
					NR	06/08/88	126		NR
					NR	06/16/88	142		NR
					NR	06/23/88	329		NR
COPPER	PPB	10	(1300.0)	05/26/88		05/17/88		05/17/88	11
FBARIUM	PPB	6	1000	05/26/88	28	05/17/88	19	05/17/88	20
FCALCIU	PPB	50		05/26/88	22900	05/17/88	21600	05/17/88	23300
FCOPPER	PPB	10	(1300.0)	05/26/88		05/17/88	10	05/17/88	11
FMAGNES	PPB	50		05/26/88	4860	05/17/88	4930	05/17/88	5010
FNICKEL	PPB	10		05/26/88		05/17/88		05/17/88	15
FPOTASS	PPB	100		05/26/88	2190	05/17/88	1640	05/17/88	1990

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	3-1-10	SAMPLE DATE	3-1-11	SAMPLE DATE	3-1-12
FSODIUM	PPB	200		05/26/88	9310	05/17/88	9580	05/17/88	12500
FSTRONT	PPB	10		05/26/88	101	05/17/88	102	05/17/88	104
FZINC	PPB	5		05/26/88	8	05/17/88		05/17/88	
IRON	PPB	50		05/26/88	126	05/17/88		05/17/88	
MAGNES	PPB	0		05/26/88	4920	05/17/88	4700	05/17/88	4880
NITRATE	PPB	500	45000	05/26/88	4410	01/07/88	3590	05/17/88	1910
					NR	01/13/88	2290		NR
					NR	01/20/88	2770		NR
NITRATE	PPB	500	45000		NR	01/28/88	2400		NR
					NR	02/05/88	2000		NR
					NR	02/11/88	3040		NR
					NR	02/18/88	1880		NR
					NR	02/26/88	1990		NR
					NR	03/03/88	2420		NR
					NR	03/10/88	3840		NR
					NR	03/17/88	1450		NR
					NR	03/25/88	1390		NR
					NR	03/31/88	1970		NR
					NR	04/08/88	2290		NR
					NR	04/15/88	2520		NR
					NR	04/21/88	2080		NR
					NR	04/28/88	1010		NR
					NR	05/05/88	1220		NR
					NR	05/12/88	2480		NR
					NR	05/17/88	1570		NR
					NR	05/26/88	1700		NR
					NR	06/02/88	1520		NR
					NR	06/08/88	1270		NR
					NR	06/16/88	2110		NR
					NR	06/23/88	1630		NR
PHFIELD		0.10		05/26/88	7.20	01/07/88	8	05/17/88	7.50
					NR	01/13/88	7.40		NR
					NR	01/20/88	7.50		NR
					NR	01/28/88	7.40		NR
					NR	02/05/88	7.30		NR
					NR	02/11/88	7.90		NR
					NR	02/18/88	7.70		NR
					NR	02/26/88	8.10		NR
					NR	03/03/88	7.90		NR
					NR	03/10/88	7.70		NR
					NR	03/17/88	8.10		NR
					NR	03/25/88	7.70		NR
					NR	03/31/88	7.60		NR
					NR	04/08/88	7.40		NR
					NR	04/15/88	7.70		NR

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	3-1-10	SAMPLE DATE	3-1-11	SAMPLE DATE	3-1-12
					NR	04/21/88	7.40		NR
					NR	04/28/88	7.40		NR
					NR	05/05/88	7.90		NR
					NR	05/12/88	7.20		NR
					NR	05/17/88	7.50		NR
					NR	05/26/88	7.50		NR
					NR	06/02/88	7.30		NR
					NR	06/08/88	7.30		NR
					NR	06/16/88	7.10		NR
					NR	06/23/88	5.80		NR
POTASUM	PPB	100		05/26/88	2300	05/17/88	1560	05/17/88	1940
RADIUM	PCI/L	1	5	05/26/88	0.58	05/17/88		05/17/88	
					(0.20)				
SODIUM	PPB	200		05/26/88	9490	05/17/88	9220	05/17/88	12900
STRONUM	PPB	10		05/26/88	103	05/17/88	95	05/17/88	101
SULFATE	PPB	500		05/26/88	18600	01/07/88	15600	05/17/88	19700
					NR	01/13/88	16200		NR
					NR	01/20/88	15900		NR
					NR	01/28/88	18100		NR
					NR	02/05/88	17200		NR
					NR	02/11/88	17900		NR
					NR	02/18/88	18500		NR
					NR	02/26/88	20400		NR
					NR	03/03/88	17800		NR
					NR	03/10/88	19300		NR
					NR	03/17/88	20000		NR
					NR	03/25/88	15600		NR
					NR	03/31/88	16700		NR
					NR	04/08/88	17500		NR
					NR	04/15/88	17000		NR
					NR	04/21/88	17500		NR
					NR	04/28/88	17800		NR
					NR	05/05/88	18700		NR
					NR	05/12/88	20700		NR
					NR	05/17/88	19800		NR
					NR	05/26/88	19000		NR
					NR	06/02/88	18700		NR
					NR	06/08/88	17500		NR
					NR	06/16/88	17000		NR
					NR	06/23/88	15600		NR
TC	PPB	2000		05/26/88	16700	05/17/88	16200	05/17/88	17300
TOXLDL	PPB	10		05/26/88		05/17/88	46.60	05/17/88	41
U	PCI/L	0.50	600	02/03/88	11.90		NR	02/11/88	51.40
				05/26/88	20		NR	05/17/88	63.60
U-CHEM	UG/L	0.73			NR	01/07/88	152		NR

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	3-1-10	SAMPLE DATE	3-1-11	SAMPLE DATE	3-1-12
					NR	01/13/88	279		NR
					NR	01/20/88	174		NR
					NR	01/28/88	149		NR
					NR	02/05/88	119		NR
					NR	02/11/88	136		NR
					NR	02/18/88	127		NR
					NR	02/26/88	102		NR
					NR	03/03/88	86.20		NR
					NR	03/10/88	85.90		NR
					NR	03/17/88	80		NR
					NR	03/25/88	55.50		NR
					NR	03/31/88	54.30		NR
					NR	04/08/88	47.20		NR
					NR	04/15/88	55.30		NR
					NR	04/21/88	59		NR
					NR	04/28/88	232		NR

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	3-1-10	SAMPLE DATE	3-1-11	SAMPLE DATE	3-1-12
U-CHEM	UG/L	0.73			NR	05/05/88	249		NR
					NR	05/12/88	51.20		NR
					NR	05/17/88	41		NR
					NR	05/26/88	40.80		NR
					NR	06/02/88	36.30		NR
					NR	06/08/88	24		NR
					NR	06/16/88	24.30		NR
					NR	06/23/88	30.50		NR

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	3-1-13	SAMPLE DATE	3-1-14	SAMPLE DATE	3-1-15
ALPHA	PCI/L	4	15	05/27/88	18.70 +	05/26/88	22.30 +	05/26/88	8.80
					(3.11)		(3.39)		(2.46)
				05/27/88	19.80 +		NR		NR
					(3.31)				
BARIUM	PPB	6	1000	05/27/88	25	05/26/88	20	05/26/88	40
BETA	PCI/L	8	50	05/27/88	11.10	05/26/88	9.38	05/26/88	12.20
					(3.95)		(3.86)		(4.28)
				05/27/88	9.53		NR		NR
					(3.90)				
CALCIUM	PPB	50		05/27/88	28400	05/26/88	25600	05/26/88	39400
CHLFORM	PPB	10	100	05/27/88	13	05/26/88	16	05/26/88	
				05/27/88	13		NR		NR
CHLORID	PPB	500		05/27/88	16200	05/26/88	12300	05/26/88	16300
				05/27/88	16300		NR		NR
COLIFRM	MPN	2	1	05/27/88		05/26/88	2.20 *	05/26/88	
CONDFLD	µMHO	1		05/27/88	203	05/26/88	155	05/26/88	312
COPPER	PPB	10	(1300.0)	05/27/88	13	05/26/88	12	05/26/88	
FBARIUM	PPB	6	1000	05/27/88	25	05/26/88	20	05/26/88	43
				05/27/88	24		NR		NR
FCALCIU	PPB	50		05/27/88	28300	05/26/88	24900	05/26/88	41400
				05/27/88	25700		NR		NR
FCOPPER	PPB	10	(1300.0)	05/27/88	13	05/26/88	10	05/26/88	
				05/27/88	16		NR		NR
FMAGNES	PPB	50		05/27/88	5990	05/26/88	5020	05/26/88	10400
				05/27/88	5640		NR		NR
FPOTASS	PPB	100		05/27/88	3310	05/26/88	2340	05/26/88	5500
				05/27/88	3370		NR		NR
FSODIUM	PPB	200		05/27/88	9920	05/26/88	8650	05/26/88	20200
				05/27/88	9580		NR		NR
FSTRONT	PPB	10		05/27/88	113	05/26/88	101	05/26/88	182
				05/27/88	109		NR		NR
FVANADI	PPB	5		05/27/88		05/26/88		05/26/88	9
				05/27/88			NR		NR
IRON	PPB	50		05/27/88	53	05/26/88		05/26/88	55
MAGNES	PPB	0		05/27/88	6090	05/26/88	5140	05/26/88	9870
NITRATE	PPB	500	45000	05/27/88	2690	05/26/88	2000	05/26/88	13300
				05/27/88	2750		NR		NR
PHFIELD		0.10		05/27/88	6.90	05/26/88	7.70	05/26/88	8
POTASUM	PPB	100		05/27/88	3500	05/26/88	2530	05/26/88	5560
SODIUM	PPB	200		05/27/88	10300	05/26/88	8810	05/26/88	19800
STRONUM	PPB	10		05/27/88	120	05/26/88	103	05/26/88	178
SULFATE	PPB	500		05/27/88	20000	05/26/88	19000	05/26/88	37300
				05/27/88	20100		NR		NR
TC	PPB	2000		05/27/88	18400	05/26/88	16600	05/26/88	25700
TOXLDL	PPB	10		05/27/88	27.20	05/26/88	29.60	05/26/88	

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	3-1-13	SAMPLE DATE	3-1-14	SAMPLE DATE	3-1-15
TRITIUM	PCI/L	500	20000	02/03/88	1040	02/09/88		02/09/88	6480
					(229)				(362)
				06/01/88	597	05/26/88		05/26/88	4480
					(220)				(311)
U	PCI/L	0.50	600	02/03/88	14.50	02/09/88	17.30	02/09/88	6.48
				06/01/88	15.40	05/26/88	15.90	05/26/88	6.79
VANADUM	PPB	5		05/27/88		05/26/88		05/26/88	7
ZINC	PPB	5		05/27/88		05/26/88	6	05/26/88	

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	3-1-16A	SAMPLE DATE	3-1-16B	SAMPLE DATE	3-1-16C
ALPHA	PCI/L	4	15	05/18/88	16.50 + (2.87)	05/18/88	1.53 (1.12)	05/18/88	
				05/18/88	17 + (3.02)		NR		NR
AMMONIU	PPB	50		05/18/88		05/18/88	125	05/18/88	150
				05/18/88			NR		NR
BARIUM	PPB	6	1000	05/18/88	31	05/18/88	50	05/18/88	61
BETA	PCI/L	8	50	05/18/88	9.72 (3.83)	05/18/88	4.83 (3.53)	05/18/88	8.69 (4.12)
				05/18/88	7.64 (4.12)		NR		NR
CALCIUM	PPB	50		05/18/88	23700	05/18/88	18200	05/18/88	13100
CHLFORM	PPB	10	100	05/18/88	10	05/18/88		05/18/88	
				05/18/88	10		NR		NR
CHLORID	PPB	500		05/18/88	15100	05/18/88	11300	05/18/88	10900
				05/18/88	15100		NR		NR
CHROMUM	PPB	10	50	05/18/88		05/18/88	11	05/18/88	
CONDFLD	µMHO	1		05/18/88	183	05/18/88	303	05/18/88	337
FBARIUM	PPB	6	1000	05/18/88	31	05/18/88	53	05/18/88	65
				05/18/88	32		NR		NR
FCADMIU	PPB	2	10	05/18/88		05/18/88	2	05/18/88	
				05/18/88			NR		NR
FCALCIU	PPB	50		05/18/88	24500	05/18/88	19000	05/18/88	14900
				05/18/88	24700		NR		NR
FCOPPER	PPB	10	(1300.0)	05/18/88	10	05/18/88		05/18/88	
				05/18/88	16		NR		NR
FIRON	PPB	50		05/18/88		05/18/88	84	05/18/88	64
				05/18/88			NR		NR
FLUORID	PPB	500	4000	05/18/88		05/18/88	1530	05/18/88	1900
				05/18/88			NR		NR
FMAGNES	PPB	50		05/18/88	4600	05/18/88	6430	05/18/88	5680
				05/18/88	4760		NR		NR
FMANGAN	PPB	5		05/18/88		05/18/88	80	05/18/88	55
				05/18/88			NR		NR
FNICKEL	PPB	10		05/18/88	37	05/18/88		05/18/88	
				05/18/88	39		NR		NR
FPOTASS	PPB	100		05/18/88	2500	05/18/88	5270	05/18/88	6910
				05/18/88	2680		NR		NR
FSODIUM	PPB	200		05/18/88	12000	05/18/88	53000	05/18/88	62100
				05/18/88	12600		NR		NR
FSTRONT	PPB	10		05/18/88	104	05/18/88	106	05/18/88	91
				05/18/88	108		NR		NR
FZINC	PPB	5		05/18/88	11	05/18/88		05/18/88	
				05/18/88	12		NR		NR
IRON	PPB	50		05/18/88		05/18/88	114	05/18/88	63

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	3-1-16A	SAMPLE DATE	3-1-16B	SAMPLE DATE	3-1-16C
MAGNES	PPB	0		05/18/88	4510	05/18/88	6130	05/18/88	5250
MANGESE	PPB	5		05/18/88		05/18/88	76	05/18/88	53
NICKEL	PPB	10		05/18/88	34	05/18/88		05/18/88	
NITRATE	PPB	500	45000	05/18/88	2580	05/18/88		05/18/88	
				05/18/88	2310		NR		NR
PHFIELD		0.10		05/18/88	7.20	05/18/88	8.20	05/18/88	8
POTASUM	PPB	100		05/18/88	2500	05/18/88	5090	05/18/88	6810
RADIUM	PCI/L	1	5	05/18/88		05/18/88		05/18/88	0.45
									(0.22)
SODIUM	PPB	200		05/18/88	12000	05/18/88	51000	05/18/88	61900
SR 90	PCI/L	5	8		NR	02/03/88			NR
					NR	05/18/88	2.94		NR
							(1.14)		
STRONUM	PPB	10		05/18/88	102	05/18/38	99	05/18/88	82
SULFATE	PPB	500		05/18/88	17200	05/18/88	7200	05/18/88	711
				05/18/88	16900		NR		NR
TC	PPB	2000		05/18/88	16500	05/18/88	40600	05/18/88	45400
TC-99	PCI/L	15	900		NR		NR	02/03/88	6.86
									(1.18)
TOXLDL	PPB	10		05/18/88	26	05/18/88	49	05/18/88	
TRANDCE	PPB	5	(70.0)	05/18/88		05/18/88	53	05/18/88	
				05/18/88			NR		NR
TRICENE	PPB	10	5	05/18/88		05/18/88	17 *	05/18/88	
				05/18/88			NR		NR
TRITIUM	PCI/L	500	20000	02/03/88	550	02/03/88		02/03/88	
					(213)				
				05/18/88	338	05/18/88		05/18/88	
					(165)				
U	PCI/L	0.50	600	02/03/88	8.37	02/03/88	1.25	02/03/88	2.66
				05/18/88	14.90	05/18/88	2.58	05/18/88	
ZINC	PPB	5		05/18/88	11	05/18/88		05/18/88	

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	3-1-17A	SAMPLE DATE	3-1-17B	SAMPLE DATE	3-1-17C
ALPHA	PCI/L	4	15	05/20/88	171 + (9.14)	05/20/88		05/20/88	
AMMONIU	PPB	50		05/20/88		05/20/88	105	05/20/88	155
BARIUM	PPB	6	1000	05/20/88	20	05/20/88	68	05/20/88	80
BETA	PCI/L	8	50	05/20/88	58.40 + (7.18)	05/20/88	11.10 (4.11)	05/20/88	12.60 (4.37)
CALCIUM	PPB	50		05/20/88	20000	05/20/88	18800	05/20/88	10200
CHLFORM	PPB	10	100	01/07/88	12	05/20/88		05/20/88	
				01/13/88	13		NR		NR
				01/20/88	11		NR		NR
				01/28/88	10		NR		NR
				02/05/88	10		NR		NR
				02/11/88			NR		NR
				02/18/88	10		NR		NR
				02/26/88	10		NR		NR
				03/03/88	10		NR		NR
				03/10/88	10		NR		NR
				03/17/88	11		NR		NR
				03/25/88	11		NR		NR
				03/31/88	10		NR		NR
				04/08/88			NR		NR
				04/15/88	10		NR		NR
				04/21/88	12		NR		NR
				04/28/88	12		NR		NR
				05/05/88	15		NR		NR
				05/12/88	17		NR		NR
				05/20/88	11		NR		NR
				05/26/88	18		NR		NR
				06/02/88	18		NR		NR
				06/08/88	18		NR		NR
				06/16/88	20		NR		NR
				06/23/88	24		NR		NR
CHLORID	PPB	500		01/07/88	38300	05/20/88	10600	05/20/88	11700
				01/13/88	26600		NR		NR
				01/20/88	20700		NR		NR
				01/28/88	34700		NR		NR
				02/05/88	27200		NR		NR
				02/11/88	25500		NR		NR
				02/18/88	22900		NR		NR
				02/26/88	29000		NR		NR
				03/03/88	17600		NR		NR
				03/10/88	26200		NR		NR
				03/17/88	6690		NR		NR
				03/25/88	8290		NR		NR
				03/31/88	14100		NR		NR

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	3-1-17A	SAMPLE DATE	3-1-17B	SAMPLE DATE	3-1-17C
				04/08/88	8550		NR		NR
				04/15/88	9280		NR		NR
				04/21/88	5230		NR		NR
CHLORID	PPB	500		04/28/88	14800		NR		NR
				05/05/88	27800		NR		NR
				05/12/88	10800		NR		NR
				05/20/88	6730		NR		NR
				05/26/88	8030		NR		NR
				06/02/88	6560		NR		NR
				06/08/88	10500		NR		NR
				06/16/88	19500		NR		NR
				06/23/88	19500		NR		NR
CO-60	PCI/L	22.50	100		NR	02/03/88	6.42 (5.24)		NR
					NR	05/20/88			NR
CONDFLD	µMHO	1		01/07/88		05/20/88	370	05/20/88	396
				01/13/88	205		NR		NR
				01/20/88	210		NR		NR
				01/28/88	260		NR		NR
				02/05/88	211		NR		NR
				02/11/88	161		NR		NR
				02/18/88	205		NR		NR
				02/26/88	187		NR		NR
				03/03/88	175		NR		NR
				03/10/88	183		NR		NR
				03/17/88	168		NR		NR
				03/25/88	169		NR		NR
				03/31/88	166		NR		NR
				04/08/88	187		NR		NR
				04/15/88	181		NR		NR
				04/21/88	231		NR		NR
				04/28/88	230		NR		NR
				05/05/88	270		NR		NR
				05/12/88	239		NR		NR
				05/20/88	191		NR		NR
				05/26/88	156		NR		NR
				06/02/88	159		NR		NR
				06/08/88	162		NR		NR
				06/16/88	198		NR		NR
				06/23/88	165		NR		NR
FBARIUM	PPB	6	1000	05/20/88	20	05/20/88	69	05/20/88	80
FCALCIU	PPB	50		05/20/88	20000	05/20/88	19200	05/20/88	10900
FIRON	PPB	50		05/20/88		05/20/88	139	05/20/88	71
FLUORID	PPB	500	4000	01/07/88		05/20/88	1180	05/20/88	1780
				01/13/88	537		NR		NR

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	3-1-17A	SAMPLE DATE	3-1-17B	SAMPLE DATE	3-1-17C
				01/20/88			NR		NR
				01/28/88	522		NR		NR
				02/05/88			NR		NR
				02/11/88			NR		NR
				02/18/88			NR		NR
				02/26/88			NR		NR
				03/03/88			NR		NR
FLUORID	PPB	500	4000	03/10/88			NR		NR
				03/17/88			NR		NR
				03/25/88			NR		NR
				03/31/88			NR		NR
				04/08/88			NR		NR
				04/15/88			NR		NR
				04/21/88			NR		NR
				04/28/88			NR		NR
				05/05/88			NR		NR
				05/12/88			NR		NR
				05/20/88			NR		NR
				05/26/88			NR		NR
				06/02/88			NR		NR
				06/08/88			NR		NR
				06/16/88			NR		NR
				06/23/88			NR		NR
FMAGNES	PPB	50		05/20/88	4190	05/20/88	6980	05/20/88	4810
FMANGAN	PPB	5		05/20/88		05/20/88	66	05/20/88	23
FPOTASS	PPB	100		05/20/88	1770	05/20/88	6120	05/20/88	10300
FSODIUM	PPB	200		05/20/88	10400	05/20/88	51200	05/20/88	66900
FSTRONT	PPB	10		05/20/88	95	05/20/88	110	05/20/88	74
IRON	PPB	50		05/20/88		05/20/88	159	05/20/88	85
MAGNES	PPB	0		05/20/88	4270	05/20/88	6940	05/20/88	4630
MANGESE	PPB	5		05/20/88		05/20/88	66	05/20/88	23
NITRATE	PPB	500	45000	01/07/88	2330	05/20/88		05/20/88	581
				01/13/88	2950		NR		NR
				01/20/88	2790		NR		NR
				01/28/88	2930		NR		NR
				02/05/88	2580		NR		NR
				02/11/88	2370		NR		NR
				02/18/88	2490		NR		NR
				02/26/88	2320		NR		NR
				03/03/88	2160		NR		NR
				03/10/88	2460		NR		NR
				03/17/88			NR		NR
				03/25/88	1340		NR		NR
				03/31/88	1450		NR		NR
				04/08/88	1940		NR		NR

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	3-1-17A	SAMPLE DATE	3-1-17B	SAMPLE DATE	3-1-17C
				04/15/88	1740		NR		NR
				04/21/88	1840		NR		NR
				04/28/88	1050		NR		NR
				05/05/88	1220		NR		NR
				05/12/88	1860		NR		NR
				05/20/88	1650		NR		NR
				05/26/88	1740		NR		NR
				06/02/88	2340		NR		NR
				06/08/88	2180		NR		NR
				06/16/88	1940		NR		NR
				06/23/88	1870		NR		NR
PHFIELD		0.10		01/07/88	7.40	05/20/88	7.90	05/20/88	8.20
				01/13/88	7.30		NR		NR
				01/20/88	7.10		NR		NR
				01/28/88	7.70		NR		NR
				02/05/88	7.10		NR		NR
				02/11/88	7.50		NR		NR
				02/18/88	7.40		NR		NR
				02/26/88	7.70		NR		NR
				03/03/88	7.60		NR		NR
				03/10/88	7.50		NR		NR
				03/17/88	7.60		NR		NR
				03/25/88	7.20		NR		NR
				03/31/88	7.30		NR		NR
				04/08/88	7		NR		NR
				04/15/88	7.40		NR		NR
				04/21/88	7.60		NR		NR
				04/28/88	7.30		NR		NR
				05/05/88	7.50		NR		NR
				05/12/88	7		NR		NR
				05/20/88	7.10		NR		NR
				05/26/88	7.30		NR		NR
				06/02/88	7.10		NR		NR
				06/08/88	7.90		NR		NR
				06/16/88	7.10		NR		NR
				06/23/88	7.40		NR		NR
POTASUM	PPB	100		05/20/88	1830	05/20/88	6150	05/20/88	9960
SODIUM	PPB	200		05/20/88	10800	05/20/88	52000	05/20/88	67100
SR 90	PCI/L	5	8		NR	02/03/88			NR
					NR	05/20/88	5.28		NR
							(1.39)		
STRONUM	PPB	10		05/20/88	96	05/20/88	108	05/20/88	72
SULFATE	PPB	500		01/07/88	15200	05/20/88	1110	05/20/88	
				01/13/88	15200		NR		NR
				01/20/88	14200		NR		NR

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	3-1-17A	SAMPLE DATE	3-1-17B	SAMPLE DATE	3-1-17C
				01/28/88	17700		NR		NR
				02/05/88	17000		NR		NR
				02/11/88	17500		NR		NR
				02/18/88	18000		NR		NR
				02/26/88	18800		NR		NR
				03/03/88	18300		NR		NR
				03/10/88	19400		NR		NR
				03/17/88	18500		NR		NR
				03/25/88	15800		NR		NR
				03/31/88	16100		NR		NR
				04/08/88	15900		NR		NR
				04/15/88	15700		NR		NR
				04/21/88	16400		NR		NR
				04/28/88	16400		NR		NR
SULFATE	PPB	500		05/05/88	17600		NR		NR
				05/12/88	19900		NR		NR
				05/20/88	18700		NR		NR
				05/26/88	20500		NR		NR
				06/02/88	20000		NR		NR
				06/08/88	18500		NR		NR
				06/16/88	18600		NR		NR
				06/23/88	17700		NR		NR
TC	PPB	2000		05/20/88	15900	05/20/88	40700	05/20/88	42900
TOXLDL	PPB	10		05/20/88	46	05/20/88		05/20/88	
U-CHEM	UG/L	0.73		01/07/88	118		NR		NR
				01/13/88	97.90		NR		NR
				01/20/88	115		NR		NR
				01/28/88	120		NR		NR
				02/05/88	192		NR		NR
				02/11/88	145		NR		NR
				02/18/88	152		NR		NR
				02/26/88	153		NR		NR
				03/03/88	161		NR		NR
				03/10/88	171		NR		NR
				03/17/88	212		NR		NR
				03/25/88	221		NR		NR
				03/31/88	220		NR		NR
				04/08/88	287		NR		NR
				04/15/88	392		NR		NR
				04/21/88	376		NR		NR
				04/28/88	221		NR		NR
				05/05/88	246		NR		NR
				05/12/88	225		NR		NR
				05/20/88	192		NR		NR

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	3-1-17A	SAMPLE DATE	3-1-17B	SAMPLE DATE	3-1-17C
				05/26/88	178		NR		NR
				06/02/88	151		NR		NR
				06/08/88	152		NR		NR
				06/16/88	136		NR		NR
				06/23/88	137		NR		NR

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	3-1-18A	SAMPLE DATE	3-1-18B	SAMPLE DATE	3-1-18C
ALPHA	PCI/L	4	15	05/23/88	3.73	05/23/88		05/23/88	
					(1.81)				
AMMONIU	PPB	50		05/23/88		05/23/88	90	05/23/88	115
ARSENIC	PPB	5	50	05/23/88	6	05/23/88		05/23/88	
BARIUM	PPB	6	1000	05/23/88	50	05/23/88	40	05/23/88	71
BETA	PCI/L	8	50	05/23/88	9.86	05/23/88	9.40	05/23/88	8.81
					(4.07)		(3.97)		(3.85)
CALCIUM	PPB	50		05/23/88	45900	05/23/88	11600	05/23/88	12100
CHLORID	PPB	500		05/23/88	19300	05/23/88	11100	05/23/88	11000
CHROMUM	PPB	10	50	05/23/88	10	05/23/88	12	05/23/88	31
CONDFLD	µMHO	1		05/23/88	404	05/23/88	354	05/23/88	359
FARSENI	PPB	5	50	05/23/88	7	05/23/88		05/23/88	
FBARIUM	PPB	6	1000	05/23/88	48	05/23/88	40	05/23/88	70
FCALCIU	PPB	50		05/23/88	45000	05/23/88	12000	05/23/88	13000
FIRON	PPB	50		05/23/88		05/23/88	172	05/23/88	74
FLUORID	PPB	500	4000	05/23/88	581	05/23/88	1790	05/23/88	1790
FMAGNES	PPB	50		05/23/88	12400	05/23/88	5150	05/23/88	5300
FMANGAN	PPB	5		05/23/88		05/23/88	40	05/23/88	46
FPOTASS	PPB	100		05/23/88	6060	05/23/88	6360	05/23/88	6460
FSODIUM	PPB	200		05/23/88	21800	05/23/88	62000	05/23/88	66800
FSTRONT	PPB	10		05/23/88	218	05/23/88	77	05/23/88	80
FVANADI	PPB	5		05/23/88	12	05/23/88		05/23/88	
IRON	PPB	50		05/23/88		05/23/88	222	05/23/88	203
MAGNES	PPB	0		05/23/88	13000	05/23/88	5180	05/23/88	5310
MANGESE	PPB	5		05/23/88		05/23/88	40	05/23/88	48
NICKEL	PPB	10		05/23/88		05/23/88		05/23/88	13
NITRATE	PPB	500	45000	05/23/88	20900	05/23/88		05/23/88	
PHFIELD		0.10		05/23/88	7.80	05/23/88	8.20	05/23/88	8.10
POTASUM	PPB	100		05/23/88	6290	05/23/88	6080	05/23/88	6640
RADIUM	PCI/L	1	5	05/23/88		05/23/88		05/23/88	0.17
									(0.15)
SODIUM	PPB	200		05/23/88	23900	05/23/88	65500	05/23/88	67900
SR 90	PCI/L	5	8		NR	05/23/88	0.93		NR
							(0.76)		
STRONUM	PPB	10		05/23/88	226	05/23/88	77	05/23/88	80
SULFATE	PPB	500		05/23/88	48900	05/23/88		05/23/88	1740
TC	PPB	2000		05/23/88	29500	05/23/88	42400	05/23/88	40800
VANADUM	PPB	5		05/23/88	13	05/23/88		05/23/88	

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	3-1-19	SAMPLE DATE	3-2-1	SAMPLE DATE	3-3-7
ALPHA	PCI/L	4	15	05/17/88	135 + (8.20)	05/24/88	7.93 (2.02)	05/27/88	12 (2.82)
AMMONIU	PPB	50		05/17/88	60	05/24/88		05/27/88	
BARIUM	PPB	6	1000	05/17/88	20	05/24/88	43	05/27/88	43
BETA	PCI/L	8	50	05/17/88	44.10 (6.39)	05/24/88	8.50 (3.96)	05/27/88	12.40 (4.36)
CALCIUM	PPB	50		05/17/88	19900	05/24/88	21300	05/27/88	42400
CHLFORM	PPB	10	100	01/07/88	12	05/24/88		05/27/88	
				01/13/88	12		NR		NR
				01/20/88	11		NR		NR
				01/28/88	10		NR		NR
				02/05/88	10		NR		NR
				02/18/88	10		NR		NR
				02/26/88	10		NR		NR
				03/03/88	10		NR		NR
				03/10/88	10		NR		NR
				03/17/88	11		NR		NR
				03/25/88	11		NR		NR
				03/31/88	11		NR		NR
				04/08/88	10		NR		NR
				04/15/88	10		NR		NR
				04/21/88	12		NR		NR
				04/28/88	13		NR		NR
				05/05/88	14		NR		NR
				05/12/88	16		NR		NR
				05/17/88	14		NR		NR
				05/26/88	17		NR		NR
				06/02/88	17		NR		NR
				06/08/88	17		NR		NR
				06/16/88	17		NR		NR
				06/23/88	19		NR		NR
				06/29/88	21		NR		NR
CHLORID	PPB	500		01/07/88	33800	05/24/88	11200	05/27/88	17400
				01/13/88	32700		NR		NR
				01/20/88	22900		NR		NR
				01/28/88	39000		NR		NR
				02/05/88	25000		NR		NR
				02/18/88	18300		NR		NR
				02/26/88	26900		NR		NR
				03/03/88	19600		NR		NR
				03/10/88	19900		NR		NR
				03/17/88	9580		NR		NR
				03/25/88	15300		NR		NR
				03/31/88	11900		NR		NR
				04/08/88	8950		NR		NR

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	3-1-19	SAMPLE DATE	3-2-1	SAMPLE DATE	3-3-7
				04/15/88	8170		NR		NR
				04/21/88	13200		NR		NR
				04/28/88	8680		NR		NR
CHLORID	PPB	500		05/05/88	18300		NR		NR
				05/12/88	17500		NR		NR
				05/17/88	12300		NR		NR
				05/26/88	7960		NR		NR
				06/02/88	7430		NR		NR
				06/08/88	20500		NR		NR
				06/16/88	26800		NR		NR
				06/23/88	16600		NR		NR
				06/29/88	28100		NR		NR
COLIFRM	MPN	2	1	05/17/88		05/24/88	5.10 *	05/27/88	
CONDFLD	µMHO	1		01/07/88		05/24/88	168	05/27/88	396
				01/13/88	233		NR		NR
				01/20/88	225		NR		NR
				01/28/88	244		NR		NR
				02/05/88	209		NR		NR
				02/18/88	198		NR		NR
				02/26/88	181		NR		NR
				03/03/88	184		NR		NR
				03/10/88	205		NR		NR
				03/17/88	198		NR		NR
				03/25/88	189		NR		NR
				03/31/88	161		NR		NR
				04/08/88	312		NR		NR
				04/15/88	180		NR		NR
				04/21/88	267		NR		NR
				04/28/88	212		NR		NR
				05/05/88	229		NR		NR
				05/12/88	259		NR		NR
				05/17/88	174		NR		NR
				05/26/88	160		NR		NR
				06/02/88	169		NR		NR
				06/08/88	193		NR		NR
				06/16/88	210		NR		NR
				06/23/88	185		NR		NR
				06/29/88	238		NR		NR
FBARIUM	PPB	6	1000	05/17/88	20	05/24/88	46	05/27/88	36
FCALCIU	PPB	50		05/17/88	20800	05/24/88	22300	05/27/88	40100
FLUORID	PPB	500	4000	01/07/88		05/24/88	570	05/27/88	
				01/13/88	526		NR		NR
				01/20/88			NR		NR
				01/28/88			NR		NR
				02/05/88			NR		NR

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	3-1-19	SAMPLE DATE	3-2-1	SAMPLE DATE	3-3-7
				02/18/88			NR		NR
				02/26/88			NR		NR
				03/03/88			NR		NR
				03/10/88			NR		NR
				03/17/88			NR		NR
				03/25/88			NR		NR
				03/31/88			NR		NR
FLUORID	PPB	500	4000	04/08/88			NR		NR
				04/15/88			NR		NR
				04/21/88			NR		NR
				04/28/88			NR		NR
				05/05/88			NR		NR
				05/12/88			NR		NR
				05/17/88			NR		NR
				05/26/88			NR		NR
				06/02/88			NR		NR
				06/08/88			NR		NR
				06/16/88			NR		NR
				06/23/88			NR		NR
				06/29/88			NR		NR
FMAGNES	PPB	50		05/17/88	4620	05/24/88	4850	05/27/88	8480
FNICKEL	PPB	10		05/17/88	10	05/24/88		05/27/88	
FPOTASS	PPB	100		05/17/88	2150	05/24/88	3140	05/27/88	4170
FSODIUM	PPB	200		05/17/88	13400	05/24/88	12900	05/27/88	17200
FSTRONT	PPB	10		05/17/88	100	05/24/88	99	05/27/88	157
FVANADI	PPB	5		05/17/88		05/24/88		05/27/88	8
IRON	PPB	50		05/17/88	198	05/24/88		05/27/88	96
MAGNES	PPB	0		05/17/88	4400	05/24/88	4520	05/27/88	9270
MANGESE	PPB	5		05/17/88	7	05/24/88		05/27/88	
NITRATE	PPB	500	45000	01/07/88	2280	05/24/88	6730	05/27/88	14600
				01/13/88	2780		NR		NR
				01/20/88	2690		NR		NR
				01/28/88	3120		NR		NR
				02/05/88	2300		NR		NR
				02/18/88	2230		NR		NR
				02/26/88	2290		NR		NR
				03/03/88	2250		NR		NR
				03/10/88	2770		NR		NR
				03/17/88	901		NR		NR
				03/25/88	1380		NR		NR
				03/31/88	1500		NR		NR
				04/08/88	2120		NR		NR
				04/15/88	1840		NR		NR
				04/21/88	1890		NR		NR
				04/28/88	1170		NR		NR

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	3-1-19	SAMPLE DATE	3-2-1	SAMPLE DATE	3-3-7
				05/05/88	1350		NR		NR
				05/12/88	1740		NR		NR
				05/17/88	1470		NR		NR
				05/26/88	1710		NR		NR
				06/02/88	2110		NR		NR
				06/08/88	2100		NR		NR
				06/16/88	3100		NR		NR
				06/23/88	1920		NR		NR
				06/29/88	1660		NR		NR
PHFIELD		0.10		01/07/88	7.90	05/24/88	6.70	05/27/88	7.70
				01/13/88	8.20		NR		NR
PHFIELD		0.10		01/20/88	7.50		NR		NR
				01/28/88	7.10		NR		NR
				02/05/88	7.20		NR		NR
				02/18/88	7.40		NR		NR
				02/26/88	7.70		NR		NR
				03/03/88	7.70		NR		NR
				03/10/88	7.60		NR		NR
				03/17/88	7.80		NR		NR
				03/25/88	7.30		NR		NR
				03/31/88	7.10		NR		NR
				04/08/88	8.50		NR		NR
				04/15/88	7.60		NR		NR
				04/21/88	7.40		NR		NR
				04/28/88	7.20		NR		NR
				05/05/88	7.50		NR		NR
				05/12/88	6.80		NR		NR
				05/17/88	7.20		NR		NR
				05/26/88	7.40		NR		NR
				06/02/88	7.20		NR		NR
				06/08/88	7.90		NR		NR
				06/16/88	7.20		NR		NR
				06/23/88	7.50		NR		NR
				06/29/88	7		NR		NR
POTASUM	PPB	100		05/17/88	1920	05/24/88	2830	05/27/88	5120
SODIUM	PPB	200		05/17/88	12400	05/24/88	12000	05/27/88	21000
STRONUM	PPB	10		05/17/88	95	05/24/88	93	05/27/88	176
SULFATE	PPB	500		01/07/88	14800	05/24/88	14000	05/27/88	42600
				01/13/88	15200		NR		NR
				01/20/88	14200		NR		NR
				01/28/88	17300		NR		NR
				02/05/88	16700		NR		NR
				02/18/88	18100		NR		NR
				02/26/88	19200		NR		NR
				03/03/88	18300		NR		NR

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	3-1-19	SAMPLE DATE	3-2-1	SAMPLE DATE	3-3-7
				03/10/88	18800		NR		NR
				03/17/88	18300		NR		NR
				03/25/88	15800		NR		NR
				03/31/88	17000		NR		NR
				04/08/88	16900		NR		NR
				04/15/88	16700		NR		NR
				04/21/88	17400		NR		NR
				04/28/88	16600		NR		NR
				05/05/88	17700		NR		NR
				05/12/88	19800		NR		NR
				05/17/88	18200		NR		NR
				05/26/88	18100		NR		NR
				06/02/88	18800		NR		NR
				06/08/88	18500		NR		NR
				06/16/88	18000		NR		NR
SULFATE	PPB	500		06/23/88	16600		NR		NR
				06/29/88	16700		NR		NR
TC	PPB	2000		05/17/88	16200	05/24/88	18600	05/27/88	27700
TC-99	PCI/L	15	900		NR	02/04/88	36.60	02/08/88	
							(1.52)		
TOXLDL	PPB	10		05/17/88	44	05/24/88		05/27/88	
TRITIUM	PCI/L	500	20000	02/05/88		02/04/88	531	02/08/88	1300
							(211)		(237)
				05/17/88		05/24/88		05/27/88	2340
									(260)
U	PCI/L	0.50	600		NR	02/04/88	8.19	02/08/88	6.54
					NR	05/24/88	10.90	05/27/88	14.70
U-CHEM	UG/L	0.73		01/07/88	247		NR		NR
				01/13/88	290		NR		NR
				01/20/88	218		NR		NR
				01/28/88	231		NR		NR
				02/05/88	234		NR		NR
				02/18/88	224		NR		NR
				02/26/88	303		NR		NR
				03/03/88	204		NR		NR
				03/10/88	251		NR		NR
				03/17/88	351		NR		NR
				03/25/88	244		NR		NR
				03/31/88	237		NR		NR
				04/08/88	253		NR		NR
				04/15/88	274		NR		NR
				04/21/88	281		NR		NR
				04/28/88	50.90		NR		NR
				05/05/88	124		NR		NR

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	3-1-19	SAMPLE DATE	3-2-1	SAMPLE DATE	3-3-7
				05/12/88	187		NR		NR
				05/17/88	149		NR		NR
				05/26/88	213		NR		NR
				06/02/88	186		NR		NR
				06/08/88	195		NR		NR
				06/16/88	186		NR		NR
				06/23/88	164		NR		NR
				06/29/88	197		NR		NR
VANADUM	PPB	5		05/17/88	5	05/24/88		05/27/88	7
ZINC	PPB	5		05/17/88		05/24/88	12	05/27/88	

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	3-3-10	SAMPLE DATE	3-4-1	SAMPLE DATE	3-4-7
ALPHA	PCI/L	4	15	05/09/88	14.60	05/27/88	8.83	05/16/88	22.20 +
					(2.86)		(2.32)		(3.57)
AMMONIU	PPB	50		05/09/88	52	05/27/88		05/16/88	
BARIUM	PPB	6	1000	05/09/88	35	05/27/88	34	05/16/88	42
BETA	PCI/L	8	50	05/09/88	11.80	05/27/88	8.29	05/16/88	14.70
					(4.21)		(4.15)		(4.43)
CALCIUM	PPB	50		05/09/88	24000	05/27/88	37300	05/16/88	37900
CHLFORM	PPB	10	100	05/09/88	10	05/27/88		05/16/88	
CHLORID	PPB	500		05/09/88	9510	05/27/88	9640	05/16/88	11400
COLIFRM	MPN	2	1	05/09/88		05/27/88		05/16/88	9.20 *
CONDFLD	µMHO	1		05/09/88	238	05/27/88	317	05/16/88	327
CYANIDE	PPB	10		05/09/88		05/27/88	16	05/16/88	
FBARIUM	PPB	6	1000	05/09/88	40	05/27/88	34	05/16/88	39
FCADMIU	PPB	2	10	05/09/88		05/27/88	2	05/16/88	
FCALCIU	PPB	50		05/09/88	27800	05/27/88	37600	05/16/88	37000
FIRON	PPB	50		05/09/88	95	05/27/88		05/16/88	
FLUORID	PPB	500	4000	05/09/88	508	05/27/88		05/16/88	
FMAGNES	PPB	50		05/09/88	5890	05/27/88	7570	05/16/88	7250
FMANGAN	PPB	5		05/09/88	10	05/27/88		05/16/88	
FPOTASS	PPB	100		05/09/88	3210	05/27/88	4440	05/16/88	4090
FSODIUM	PPB	200		05/09/88	10600	05/27/88	15700	05/16/88	17100
FSTRONT	PPB	10		05/09/88	137	05/27/88	144	05/16/88	160
FVANADI	PPB	5		05/09/88		05/27/88	8	05/16/88	
FZINC	PPB	5		05/09/88	7	05/27/88		05/16/88	
IRON	PPB	50		05/09/88	225	05/27/88	102	05/16/88	
MAGNES	PPB	0		05/09/88	5100	05/27/88	7390	05/16/88	7290
METHYCH	PPB	5		05/09/88		05/27/88	13	05/16/88	
NITRATE	PPB	500	45000	05/09/88	8630	05/27/88	12200	05/16/88	10900
PHFIELD		0.10		05/09/88	7.10	05/27/88	7.60	05/16/88	7.60
POTASUM	PPB	100		05/09/88	2720	05/27/88	4360	05/16/88	4090
SODIUM	PPB	200		05/09/88	9210	05/27/88	15000	05/16/88	17100
STRONUM	PPB	10		05/09/88	120	05/27/88	145	05/16/88	160
SULFATE	PPB	500		05/09/88	19500	05/27/88	26900	05/16/88	34600
TC	PPB	2000		05/09/88	19200	05/27/88	26800	05/16/88	24900
TC-99	PCI/L	15	900		NR		NR	02/08/88	9.27
									(1.23)
TOXLDL	PPB	10		05/09/88	38	05/27/88		05/16/88	
TRITIUM	PCI/L	500	20000	02/08/88	520	02/11/88	442	02/08/88	1490
					(212)		(216)		(242)
				05/09/88	421	05/27/88	537	05/16/88	1550
					(205)		(207)		(201)
U	PCI/L	0.50	600	02/08/88	27.80	02/11/88	9.13	02/08/88	33
				05/09/88	12.70	05/27/88	13.20	05/16/88	29.40
VANADUM	PPB	5		05/09/88		05/27/88	7	05/16/88	
ZINC	PPB	5		05/09/88	7	05/27/88		05/16/88	

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	3-4-11	SAMPLE DATE	3-8-1	SAMPLE DATE	3-8-2
1,1,1-T	PPB	10	200	05/25/88		05/10/88		05/10/88	10
ALPHA	PCI/L	4	15	05/25/88	7.46	05/10/88	2.08	05/10/88	
					(2.11)		(1.17)		
ARSENIC	PPB	5	50	05/25/88		05/10/88	5	05/10/88	5
BARIUM	PPB	6	1000	05/25/88	33	05/10/88	39	05/10/88	46
BETA	PCI/L	8	50	05/25/88	11.30	02/08/88	6.81	05/10/88	8.79
					(4.19)		(1.96)		(4.21)
					NR	05/10/88	6.42		NR
							(1.99)		
					NR	05/10/88	11.10		NR
							(4.42)		
CALCIUM	PPB	50		05/25/88	35500	05/10/88	43300	05/10/88	46500
CHLORID	PPB	500		05/25/88	8970	05/10/88	10500	05/10/88	11200
CONDFLD	µMHO	1		05/25/88	316	05/10/88	344	05/10/88	332
CYANIDE	PPB	10		05/25/88	13	05/10/88		05/10/88	
FARSENI	PPB	5	50	05/25/88		05/10/88	5	05/10/88	5
FBARIUM	PPB	6	1000	05/25/88	33	05/10/88	39	05/10/88	45
FCALCIU	PPB	50		05/25/88	34900	05/10/88	44300	05/10/88	44900
FMAGNES	PPB	50		05/25/88	7410	05/10/88	9110	05/10/88	9400
FPOTASS	PPB	100		05/25/88	4250	05/10/88	4890	05/10/88	5500
FSODIUM	PPB	200		05/25/88	15000	05/10/88	13100	05/10/88	19300
FSTRONT	PPB	10		05/25/88	136	05/10/88	169	05/10/88	189
FVANADI	PPB	5		05/25/88	8	05/10/88	14	05/10/88	10
HNITRAT	PPB	2500	45000		NR	02/08/88	16400		NR
					NR	05/10/88	21000		NR
MAGNES	PPB	0		05/25/88	7520	05/10/88	8990	05/10/88	9580
NITRATE	PPB	500	45000	05/25/88	11500	05/10/88	21900	05/10/88	21500
PHFIELD		0.10		05/25/88	7.90	05/10/88	7.90	05/10/88	7.40
POTASUM	PPB	100		05/25/88	4590	05/10/88	4830	05/10/88	5400
RADIUM	PCI/L	1	5	05/25/88	0.17	05/10/88		05/10/88	
					(0.15)				
SODIUM	PPB	200		05/25/88	15600	05/10/88	13000	05/10/88	19100
STRONUM	PPB	10		05/25/88	140	05/10/88	173	05/10/88	197
SULFATE	PPB	500		05/25/88	26300	05/10/88	28400	05/10/88	29900
TC	PPB	2000		05/25/88	25500	05/10/88	27500	05/10/88	30900
TOXLDL	PPB	10		05/25/88	23.30	05/10/88		05/10/88	
TRITIUM	PCI/L	500	20000	02/12/88	445	02/08/88		02/04/88	
					(216)				
				05/25/88		05/10/88		05/10/88	
U	PCI/L	0.50	600	02/12/88	9.38	02/08/88	3.01	02/04/88	1.91
				05/25/88	8.57	05/10/88	3.03	05/10/88	1.84
VANADUM	PPB	5		05/25/88	7	05/10/88	8	05/10/88	11

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	3-8-3	SAMPLE DATE	6-S30-E15A	SAMPLE DATE	6-S19-E13
ALPHA	PCI/L	4	15	05/09/88	1.32	05/05/88		05/27/88	3.80
					(1.03)				(1.73)
BARIUM	PPB	6	1000	05/09/88	38	05/05/88	55	05/27/88	49
BETA	PCI/L	8	50	02/08/88	6.93	02/12/88	5.99	02/17/88	7.33
					(2.01)		(2.01)		(2.12)
				05/09/88	4.40	05/05/88	5.19	04/15/88	8.01
					(1.72)		(4.09)		(2.21)
				05/09/88	7.01		NR	05/27/88	11.20
					(4.09)				(4.27)
CALCIUM	PPB	50		05/09/88	39200	05/05/88	59900	05/27/88	44300
CHLORID	PPB	500		05/09/88	10200	05/05/88	5590	05/27/88	18300
CO-60	PCI/L	22.50	100	02/08/88			NR	02/17/88	
				02/08/88			NR	04/15/88	6.08
									(5.44)
				05/09/88			NR		NR
COLIFRM	MPN	2	1	05/09/88		05/05/88		05/27/88	2.20 *
CONDFLD	µMHO	1		05/09/88	361	05/05/88	609	05/27/88	413
CS-137	PCI/L	20	200	02/08/88			NR	02/17/88	
				02/08/88			NR	04/15/88	6.76
									(4.51)
				05/09/88			NR		NR
FARSENI	PPB	5	50	05/09/88	5	05/05/88		05/27/88	6
FBARIUM	PPB	6	1000	05/09/88	37	05/05/88	57	05/27/88	49
FCALCIU	PPB	50		05/09/88	40200	05/05/88	68600	05/27/88	45100
FIRON	PPB	50		05/09/88		05/05/88	51	05/27/88	
FMAGNES	PPB	50		05/09/88	8440	05/05/88	12000	05/27/88	13300
FPOTASS	PPB	100		05/09/88	5130	05/05/88	5870	05/27/88	6310
FSODIUM	PPB	200		05/09/88	19600	05/05/88	12100	05/27/88	22400
FSTRONT	PPB	10		05/09/88	156	05/05/88	247	05/27/88	229
FVANADI	PPB	5		05/09/88	14	05/05/88		05/27/88	17
FZINC	PPB	5		05/09/88		05/05/88	106	05/27/88	
HNITRAT	PPB	2500	45000	02/08/88	9730		NR		NR
				05/09/88	10400		NR		NR
IRON	PPB	50		05/09/88	124	05/05/88	468	05/27/88	169
MAGNES	PPB	0		05/09/88	8300	05/05/88	11300	05/27/88	12900
NITRATE	PPB	500	45000	05/09/88	10400	05/05/88	14800	05/27/88	21600
PHFIELD		0.10		05/09/88	7.80	05/05/88	7.20	05/27/88	7.70
POTASUM	PPB	100		05/09/88	5010	05/05/88	5580	05/27/88	6180
RADIUM	PCI/L	1	5	05/09/88		05/05/88	0.23	05/27/88	
							(0.18)		
SODIUM	PPB	200		05/09/88	19400	05/05/88	11600	05/27/88	21300
STRONUM	PPB	10		05/09/88	160	05/05/88	242	05/27/88	224
SULFATE	PPB	500		05/09/88	29600	05/05/88	17500	05/27/88	48700
TC	PPB	2000		05/09/88	29600	05/05/88	49700	05/27/88	29400

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	3-8-3	SAMPLE DATE	6-S30-E15A	SAMPLE DATE	6-S19-E13
TRITIUM	PCI/L	500	20000	02/08/88		02/12/88		02/17/88	7130
									{ 375 }
				02/08/88	459		NR	04/15/88	6720
					{ 211 }				{ 252 }
TRITIUM	PCI/L	500	20000	05/09/88			NR		NR
U	PCI/L	0.50	600	02/08/88	3.28	02/12/88	1.52	02/17/88	3.28
				02/08/88	4.17		NR	04/15/88	3.62
				05/09/88	3.07		NR		NR
VANADUM	PPB	5		05/09/88	9	05/05/88		05/27/88	16
ZINC	PPB	5		05/09/88		05/05/88	137	05/27/88	

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-25-33A	SAMPLE DATE	6-25-34A	SAMPLE DATE	6-25-34B
ALKALIN				01/15/88	129000 @	01/15/88	119000 @	01/18/88	123000 @
				04/22/88	132000 @	04/25/88	115000 @	04/22/88	122000 @
ALPHA	PCI/L	4	15	01/15/88	2.35	01/15/88		01/18/88	3.79
					(1.43)				(1.73)
				04/22/88	2.50	04/25/88	2.42	04/22/88	1.49
					(1.43)		(1.45)		(1.23)
ARSENIC	PPB	5	50	01/15/88		01/15/88		01/18/88	
				04/22/88		04/25/88	5	04/22/88	
BARIUM	PPB	6	1000	01/15/88	30	01/15/88	38	01/18/88	38
				04/22/88	23	04/25/88	36	04/22/88	33
BETA	PCI/L	8	50	01/15/88	5.94	01/15/88	33.60	01/18/88	31
					(3.62)		(6.05)		(5.85)
				04/22/88	7.23	04/25/88	30.70	04/22/88	24.40
					(3.80)		(5.76)		(5.39)
CALCIUM	PPB	50		01/15/88	34900	01/15/88	38700	01/18/88	42200
				04/22/88	34500	04/25/88	38200	04/22/88	40900
CHLORID	PPB	500		01/15/88	7010	01/15/88	7080	01/18/88	7060
				04/22/88	6750	04/25/88	6900	04/22/88	6750
CONDFLD	µMHO	1		01/15/88	273	01/15/88	270	01/18/88	406
				01/15/88	272	01/15/88	269	01/18/88	406
				01/15/88	272	01/15/88	269	01/18/88	406
				01/15/88	271	01/15/88	269	01/18/88	406
				04/22/88	469	04/25/88	390	04/22/88	521
				04/22/88	469	04/25/88	391	04/22/88	522
				04/22/88	471	04/25/88	393	04/22/88	520
				04/22/88	470	04/25/88	393	04/22/88	520
					NR		NR	06/10/88	337
CONDLAB	µMHO			01/15/88	406 @	01/15/88	406 @	01/18/88	396 @
				01/15/88	292 @	01/15/88	302 @	01/18/88	396 @
				01/15/88	292 @	01/15/88	302 @	01/18/88	406 @
				01/15/88	297 @	01/15/88	297 @	01/18/88	406 @
				04/22/88	313 @	04/25/88	375 @	04/22/88	323 @
				04/22/88	297 @	04/25/88	375 @	04/22/88	313 @
				04/22/88	297 @	04/25/88	375 @	04/22/88	313 @
				04/22/88	313 @	04/25/88	375 @	04/22/88	313 @
COPPER	PPB	10	(1300.0)	01/15/88	30	01/15/88		01/18/88	
				04/22/88		04/25/88		04/22/88	
FARSENI	PPB	5	50	04/22/88		04/25/88	6	04/22/88	
FBARIUM	PPB	6	1000	01/15/88	26	01/15/88	34	01/18/88	33
				04/22/88	26	04/25/88	36	04/22/88	35
FCALCIU	PPB	50		01/15/88	35500	01/15/88	39600	01/18/88	41400
				04/22/88	31100	04/25/88	35700	04/22/88	39600
FLUORID	PPB	500	4000	01/15/88	672	01/15/88	705	01/18/88	684
				04/22/88		04/25/88	565	04/22/88	617
FMAGNES	PPB	50		01/15/88	9380	01/15/88	11100	01/18/88	11100

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-25-33A	SAMPLE DATE	6-25-34A	SAMPLE DATE	6-25-34B
				04/22/88	8990	04/25/88	10600	04/22/88	10800
FMANGAN	PPB	5		01/15/88	7	01/15/88		01/18/88	
				04/22/88	6	04/25/88		04/22/88	
FPOTASS	PPB	100		01/15/88	5360	01/15/88	6010	01/18/88	5720
				04/22/88	5320	04/25/88	6100	04/22/88	5210
FSODIUM	PPB	200		01/15/88	30200	01/15/88	22800	01/18/88	21000
				04/22/88	26300	04/25/88	20300	04/22/88	20200
FSTRONT	PPB	10		01/15/88	207	01/15/88	178	01/18/88	180
				04/22/88	197	04/25/88	171	04/22/88	173
FVANADI	PPB	5		01/15/88	10	01/15/88	25	01/18/88	24
				04/22/88	8	04/25/88	25	04/22/88	24
FZINC	PPB	5		01/15/88		01/15/88		01/18/88	
				04/22/88	8	04/25/88		04/22/88	
IRON	PPB	50		01/15/88	132	01/15/88		01/18/88	
				04/22/88	94	04/25/88		04/22/88	53
LEADGF	PPB	5	50	01/15/88	5	01/15/88		01/18/88	
				04/22/88		04/25/88		04/22/88	
LFLUORD	PPB	50	4000	01/15/88	496	01/15/88	588	01/18/88	620
				04/22/88	395	04/25/88	476	04/22/88	482
MAGNES	PPB	0		01/15/88	9420	01/15/88	10900	01/18/88	11200
				04/22/88	9350	04/25/88	10700	04/22/88	11300
MANGESE	PPB	5		01/15/88	5	01/15/88		01/18/88	
				04/22/88	6	04/25/88		04/22/88	
NITRATE	PPB	500	45000	01/15/88	5830	01/15/88	30900	01/18/88	30700
				04/22/88	5580	04/25/88	32900	04/22/88	32700
PH-LAB		0.01		01/15/88	7.99	01/15/88	7.78	01/18/88	7.63
				01/15/88	8.06	01/15/88	7.92	01/18/88	7.66
				01/15/88	8.04	01/15/88	7.90	01/18/88	7.70
				01/15/88	8.02	01/15/88	7.83	01/18/88	7.72
				04/22/88	8.20	04/25/88	8	04/22/88	8
				04/22/88	8.20	04/25/88	8	04/22/88	8.10
				04/22/88	8.20	04/25/88	8	04/22/88	8
				04/22/88	8.20	04/25/88	8	04/22/88	8
PHFIELD		0.10		01/15/88	8.20	01/15/88	7.90	01/18/88	5.80
				01/15/88	8.20	01/15/88	7.90	01/18/88	5.80
				01/15/88	8.20	01/15/88	8	01/18/88	5.80
				01/15/88	8.20	01/15/88	8	01/18/88	5.90
				04/22/88	7.80	04/25/88	8.40	04/22/88	7.50
				04/22/88	7.90	04/25/88	8.30	04/22/88	7.50
				04/22/88	7.90	04/25/88	8.40	04/22/88	7.60
				04/22/88	8	04/25/88	8.40	04/22/88	7.50
					NR		NR	06/10/88	7.80
POTASUM	PPB	100		01/15/88	5430	01/15/88	5930	01/18/88	5560
				04/22/88	5180	04/25/88	6090	04/22/88	6100
SODIUM	PPB	200		01/15/88	31800	01/15/88	22000	01/18/88	20300

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-25-33A		SAMPLE DATE	6-25-34A		SAMPLE DATE	6-25-34B	
				04/22/88	29700		04/25/88	22700		04/22/88	22800	
STRONUM	PPB	10		01/15/88	212		01/15/88	177		01/18/88	184	
				04/22/88	203		04/25/88	172		04/22/88	180	
SULFATE	PPB	500		01/15/88	48600		01/15/88	38900		01/18/88	38700	
				04/22/88	48800		04/25/88	42200		04/22/88	38900	
TC	PPB	2000		01/15/88	30200		01/15/88	27800		01/18/88	29300	
TC	PPB	2000		04/22/88	29800		04/25/88	27100		04/22/88	27800	
TDS				01/15/88	247000	a	01/15/88	146000	a	01/18/88	272000	a
				04/22/88	259000	a	04/25/88	284000	a	04/22/88	278000	a
TOXLDL	PPB	10		01/15/88			01/15/88			01/18/88	28.30	
				01/15/88			01/15/88			01/18/88		
				01/15/88	48		01/15/88			01/18/88		
				01/15/88			01/15/88			01/18/88		
				04/22/88			04/25/88			04/22/88		
				04/22/88			04/25/88			04/22/88		
				04/22/88			04/25/88			04/22/88	232	
				04/22/88			04/25/88			04/22/88	228	
					NR			NR		06/10/88	23.50	
					NR			NR		06/10/88		
					NR			NR		06/10/88		
					NR			NR		06/10/88		
VANADUM	PPB	5		01/15/88	10		01/15/88	24		01/18/88	23	
				04/22/88	7		04/25/88	25		04/22/88	23	
ZINC	PPB	5		01/15/88			01/15/88			01/18/88		
				04/22/88			04/25/88	5		04/22/88		

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-26-33	SAMPLE DATE	6-26-34	SAMPLE DATE	6-26-35A
ALKALIN				01/15/88	112000 @	01/20/88	108000 @	01/18/88	117000 @
				04/25/88	110000 @	04/25/88	108000 @	04/25/88	117000 @
ALPHA	PCI/L	4	15	01/15/88	2.45	01/20/88	2.07	01/18/88	3.49
					(1.52)		(1.31)		(1.71)
				04/25/88	2.56	04/25/88	2.15	04/25/88	1.83
					(1.38)		(1.31)		(1.34)
ARSENIC	PPB	5	50	01/15/88		01/20/88	7	01/18/88	
				04/25/88	5	04/25/88	5	04/25/88	
BARIUM	PPB	6	1000	01/15/88	37	01/20/88	27	01/18/88	30
				04/25/88	34	04/25/88	28	04/25/88	35
BETA	PCI/L	8	50	01/15/88	28.70	01/20/88	27.60	01/18/88	27.70
					(5.66)		(5.54)		(5.64)
				04/25/88	31.30	04/25/88	34.40	04/25/88	30.60
					(5.83)		(6.18)		(5.70)
CALCIUM	PPB	50		01/15/88	37300	01/20/88	35800	01/18/88	38300
				04/25/88	36100	04/25/88	33700	04/25/88	39700
CHLORID	PPB	500		01/15/88	6720	01/20/88	7700	01/18/88	7680
				04/25/88	6750	04/25/88	6640	04/25/88	7600
COLIFRM	MPN	2	1	01/15/88		01/20/88		01/18/88	
				04/25/88		04/25/88	2.20 *	04/25/88	
CONDFLD	µMHO	1		01/15/88	255	01/20/88	341	01/18/88	394
				01/15/88	254	01/20/88	340	01/18/88	394
				01/15/88	254	01/20/88	341	01/18/88	394
				01/15/88	254	01/20/88	341	01/18/88	394
				04/25/88	419	04/25/88	413	04/25/88	382
				04/25/88	418	04/25/88	413	04/25/88	384
				04/25/88	418	04/25/88	413	04/25/88	385
				04/25/88	419	04/25/88	414	04/25/88	385
CONDLAB	µMHO			01/15/88	401 @	01/20/88	396 @	01/18/88	396 @
				01/15/88	281 @	01/20/88	396 @	01/18/88	396 @
				01/15/88	292 @	01/20/88	396 @	01/18/88	396 @
				01/15/88	292 @	01/20/88	396 @	01/18/88	406 @
				04/25/88	375 @	04/25/88	375 @	04/25/88	386 @
				04/25/88	375 @	04/25/88	375 @	04/25/88	386 @
				04/25/88	375 @	04/25/88	375 @	04/25/88	386 @
				04/25/88	365 @	04/25/88	375 @	04/25/88	386 @
FARSENI	PPB	5	50	04/25/88	5	04/25/88	5	04/25/88	5
FBARIUM	PPB	6	1000	01/15/88	33	01/20/88	32	01/18/88	31
				04/25/88	36	04/25/88	29	04/25/88	34
FCALCIU	PPB	50		01/15/88	37700	01/20/88	36000	01/18/88	39800
				04/25/88	35800	04/25/88	35400	04/25/88	38500
FLUORID	PPB	500	4000	01/15/88	712	01/20/88	730	01/18/88	673
				04/25/88	643	04/25/88	580	04/25/88	538
FMAGNES	PPB	50		01/15/88	10500	01/20/88	10400	01/18/88	11100
				04/25/88	10500	04/25/88	10500	04/25/88	11300

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-26-33		SAMPLE DATE	6-26-34		SAMPLE DATE	6-26-35A	
FPOTASS	PPB	100		01/15/88	5780		01/20/88	5980		01/18/88	5780	
				04/25/88	6100		04/25/88	6240		04/25/88	6450	
FSODIUM	PPB	200		01/15/88	22200		01/20/88	23400		01/18/88	21200	
FSODIUM	PPB	200		04/25/88	20700		04/25/88	21200		04/25/88	20900	
FSTRONT	PPB	10		01/15/88	170		01/20/88	162		01/18/88	178	
				04/25/88	170		04/25/88	161		04/25/88	179	
FVANADI	PPB	5		01/15/88	26		01/20/88	21		01/18/88	24	
				04/25/88	26		04/25/88	26		04/25/88	26	
IRON	PPB	50		01/15/88			01/20/88			01/18/88		
				04/25/88	71		04/25/88			04/25/88	263	
LFLUORD	PPB	50	4000	01/15/88	614		01/20/88	632		01/18/88	560	
				04/25/88	476		04/25/88	498		04/25/88	457	
MAGNES	PPB	0		01/15/88	10200		01/20/88	10400		01/18/88	11100	
				04/25/88	10200		04/25/88	9960		04/25/88	11200	
MANGESE	PPB	5		01/15/88			01/20/88			01/18/88		
				04/25/88			04/25/88			04/25/88	7	
NITRATE	PPB	500	45000	01/15/88	29100		01/20/88	31000		01/18/88	30000	
				04/25/88	33100		04/25/88	35200		04/25/88	31900	
PH-LAB		0.01		01/15/88	7.92		01/20/88	7.70		01/18/88	7.83	
				01/15/88	7.98		01/20/88	7.72		01/18/88	7.83	
				01/15/88	7.95		01/20/88	7.70		01/18/88	7.84	
				01/15/88	7.93		01/20/88	7.73		01/18/88	7.85	
				04/25/88	8.10		04/25/88	8		04/25/88	8	
				04/25/88	8.10		04/25/88	8		04/25/88	8	
				04/25/88	8.10		04/25/88	8		04/25/88	8	
				04/25/88	8.10		04/25/88	8		04/25/88	8	
PHFIELD		0.10		01/15/88	8.10		01/20/88	7.80		01/18/88	5.40	
				01/15/88	8.10		01/20/88	7.80		01/18/88	5.40	
				01/15/88	8.10		01/20/88	7.80		01/18/88	5.40	
				01/15/88	8.10		01/20/88	7.80		01/18/88	5.40	
				04/25/88	8.20		04/25/88	8.50		04/25/88	8.20	
				04/25/88	8.30		04/25/88	8.30		04/25/88	8.30	
				04/25/88	8.50		04/25/88	8.50		04/25/88	8.30	
				04/25/88	8.30		04/25/88	8.40		04/25/88	8.30	
POTASUM	PPB	100		01/15/88	5390		01/20/88	6110		01/18/88	6350	
				04/25/88	5900		04/25/88	5880		04/25/88	6440	
SODIUM	PPB	200		01/15/88	20300		01/20/88	24200		01/18/88	23100	
				04/25/88	22500		04/25/88	22900		04/25/88	23300	
STRONUM	PPB	10		01/15/88	169		01/20/88	164		01/18/88	179	
				04/25/88	163		04/25/88	155		04/25/88	175	
SULFATE	PPB	500		01/15/88	37100		01/20/88	40000		01/18/88	41400	
				04/25/88	40600		04/25/88	36500		04/25/88	41400	
TC	PPB	2000		01/15/88	25900		01/20/88	27200		01/18/88	27700	
				04/25/88	25800		04/25/88	25500		04/25/88	27200	
TDS				01/15/88	245000	@	01/20/88	262000	@	01/18/88	267000	@

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-26-33	SAMPLE DATE	6-26-34	SAMPLE DATE	6-26-35A
				04/25/88	268000 a	04/25/88	260000 a	04/25/88	269000 a
TOXLDL	PPB	10		01/15/88	25.20	01/20/88		01/18/88	
				01/15/88		01/20/88		01/18/88	
				01/15/88		01/20/88		01/18/88	
				01/15/88	26.80	01/20/88		01/18/88	
				04/25/88		04/25/88		04/25/88	
				04/25/88		04/25/88		04/25/88	
TOXLDL	PPB	10		04/25/88		04/25/88		04/25/88	
				04/25/88		04/25/88		04/25/88	
VANADUM	PPB	5		01/15/88	27	01/20/88	24	01/18/88	18
				04/25/88	23	04/25/88	25	04/25/88	23

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-26-35C		SAMPLE DATE	6-23-34		SAMPLE DATE	6-24-34A	
1,1,1-T	PPB	10	200	01/19/88			01/19/88	60		01/18/88	44	
				04/25/88			04/21/88	37		04/21/88	32	
					NR			NR		04/21/88	32	
					NR			NR		04/21/88	29	
ALKALIN				01/19/88	122000	a	01/19/88	235000	a	01/18/88	203000	a
				04/25/88	116000	a	04/21/88	224000	a	04/21/88	201000	a
ALPHA	PCI/L	4	15	01/19/88			01/19/88	4.28		01/18/88	3.54	
								(2.34)			(1.87)	
				04/25/88			04/21/88	3.14		04/21/88	4.35	
								(1.68)			(2.05)	
BARIUM	PPB	6	1000	01/19/88	50		01/19/88	75		01/18/88	65	
				04/25/88	45		04/21/88	73		04/21/88	62	
BETA	PCI/L	8	50	01/19/88	26		01/19/88	21.80		01/18/88	23.80	
					(5.64)			(5.36)			(5.51)	
				04/25/88	19.40		04/21/88	22.20		04/21/88	29.10	
					(4.93)			(5.33)			(5.95)	
CALCIUM	PPB	50		01/19/88	44700		01/19/88	76600		01/18/88	76500	
				04/25/88	44700		04/21/88	74700		04/21/88	70700	
CHLORID	PPB	500		01/19/88	8750		01/19/88	7880		01/18/88	8260	
				04/25/88	9780		04/21/88	8820		04/21/88	8360	
CHROMUM	PPB	10	50	01/19/88	10		01/19/88			01/18/88		
				04/25/88			04/21/88			04/21/88		
CONDFLD	µMHO	1		01/19/88	362		01/19/88	506		01/18/88	557	
				01/19/88	362		04/21/88	612		04/21/88	563	
				01/19/88	362		04/21/88	612		04/21/88	563	
				01/19/88	361		04/21/88	613		04/21/88	566	
				04/25/88	441		04/21/88	613		04/21/88	584	
				04/25/88	442			NR			NR	
				04/25/88	443			NR			NR	
				04/25/88	443			NR			NR	
CONDLAB	µMHO			01/19/88	459	a	01/19/88	604	a	01/18/88	573	a
				01/19/88	459	a	04/21/88	563	a	04/21/88	552	a
				01/19/88	459	a	04/21/88	563	a	04/21/88	521	a
				01/19/88	459	a	04/21/88	563	a	04/21/88	521	a
				04/25/88	406	a	04/21/88	552	a	04/21/88	521	a
				04/25/88	406	a		NR			NR	
				04/25/88	406	a		NR			NR	
				04/25/88	406	a		NR			NR	
FBARIUM	PPB	6	1000	01/19/88	52		01/19/88	77		01/18/88	63	
				04/25/88	47		04/21/88	76		04/21/88	60	
FCADMIU	PPB	2	10	01/19/88			01/19/88			01/18/88	2	
				04/25/88			04/21/88			04/21/88		
FCALCIU	PPB	50		01/19/88	46000		01/19/88	79800		01/18/88	73500	
				04/25/88	43900		04/21/88	73600		04/21/88	67800	
FIRON	PPB	50		01/19/88			01/19/88			01/18/88		

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-26-35C	SAMPLE DATE	6-23-34	SAMPLE DATE	6-24-34A
				04/25/88		04/21/88		04/21/88	68
FLUORID	PPB	500	4000	01/19/88	532	01/19/88	739	01/18/88	698
				04/25/88		04/21/88	545	04/21/88	671
FMAGNES	PPB	50		01/19/88	12100	01/19/88	16600	01/18/88	15900
				04/25/88	11700	04/21/88	15700	04/21/88	14700
FMANGAN	PPB	5		01/19/88	91	01/19/88		01/18/88	
				04/25/88	66	04/21/88		04/21/88	
FPOTASS	PPB	100		01/19/88	5930	01/19/88	6970	01/18/88	7050
				04/25/88	5930	04/21/88	6870	04/21/88	6590
FSODIUM	PPB	200		01/19/88	20600	01/19/88	20400	01/18/88	21800
				04/25/88	17700	04/21/88	21200	04/21/88	21200
FSTRONT	PPB	10		01/19/88	229	01/19/88	301	01/18/88	277
				04/25/88	221	04/21/88	280	04/21/88	252
FVANADI	PPB	5		01/19/88	8	01/19/88	13	01/18/88	15
				04/25/88	12	04/21/88	11	04/21/88	13
FZINC	PPB	5		01/19/88		01/19/88	11	01/18/88	16
				04/25/88		04/21/88	9	04/21/88	20
IRON	PPB	50		01/19/88	66	01/19/88	112	01/18/88	145
				04/25/88	164	04/21/88	281	04/21/88	584
LFLUORD	PPB	50	4000	01/19/88	435	01/19/88	450	01/18/88	485
				04/25/88	341	04/21/88	360	04/21/88	372
MAGNES	PPB	0		01/19/88	11900	01/19/88	16800	01/18/88	16400
				04/25/88	11600	04/21/88	15800	04/21/88	15600
MANGESE	PPB	5		01/19/88	90	01/19/88		01/18/88	
				04/25/88	62	04/21/88		04/21/88	
NITRATE	PPB	500	45000	01/19/88	20800	01/19/88	19500	01/18/88	23600
				04/25/88	18500	04/21/88	21200	04/21/88	25400
NITRITE	PPB	1000		04/25/88	1400	01/19/88		01/18/88	
					NR	04/21/88		04/21/88	
PERCENE	PPB	10		01/19/88		01/19/88	10	01/18/88	
				04/25/88		04/21/88		04/21/88	
					NR		NR	04/21/88	
					NR		NR	04/21/88	
PH-LAB		0.01		01/19/88	7.77	01/19/88	6.80	01/18/88	6.99
				01/19/88	7.79	04/21/88	7.30	04/21/88	7.30
				01/19/88	7.86	04/21/88	7.30	04/21/88	7.30
				01/19/88	7.86	04/21/88	7.30	04/21/88	7.20
				04/25/88	8.10	04/21/88	7.20	04/21/88	7.20
				04/25/88	8.10		NR		NR
				04/25/88	8.10		NR		NR
				04/25/88	8.10		NR		NR
PHFIELD		0.10		01/19/88	7.60	01/19/88	6.30	01/18/88	3.90
				01/19/88	7.60	04/21/88	6.40	04/21/88	6.70
				01/19/88	7.60	04/21/88	6.40	04/21/88	6.70
				01/19/88	7.60	04/21/88	6.40	04/21/88	6.80

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-26-35C		SAMPLE DATE	6-23-34		SAMPLE DATE	6-24-34A	
				04/25/88	8.20		04/21/88	6.50		04/21/88	6.80	
				04/25/88	8.20			NR			NR	
				04/25/88	8.20			NR			NR	
				04/25/88	8.20			NR			NR	
POTASUM	PPB	100		01/19/88	5960		01/19/88	7820		01/18/88	7020	
				04/25/88	5940		04/21/88	7090		04/21/88	7120	
RADIUM	PCI/L	1	5		NR		04/21/88	0.17		04/21/88		
								(0.16)				
SELENUM	PPB	5	10	01/19/88			01/19/88			01/18/88		
				04/25/88			04/21/88	6		04/21/88		
SODIUM	PPB	200		01/19/88	20700		01/19/88	22800		01/18/88	21100	
				04/25/88	19900		04/21/88	21300		04/21/88	22300	
STRONUM	PPB	10		01/19/88	232		01/19/88	304		01/18/88	286	
				04/25/88	218		04/21/88	285		04/21/88	267	
SULFATE	PPB	500		01/19/88	60600		01/19/88	45900		01/18/88	46000	
				04/25/88	55700		04/21/88	48300		04/21/88	57700	
TC	PPB	2000		01/19/88	29800		01/19/88	69400		01/18/88	57500	
				04/25/88	27100		04/21/88	60600		04/21/88	52900	
TDS				01/19/88	281000	@	01/19/88	373000	@	01/18/88	356000	@
				04/25/88	255000	@	04/21/88	349000	@	04/21/88	367000	@
TETRANE	PPB	5	5	01/19/88			01/19/88	7	*	01/18/88	5	
				04/25/88			04/21/88			04/21/88		
					NR			NR		04/21/88		
					NR			NR		04/21/88		
TOXLDL	PPB	10		01/19/88			01/19/88	56.60		01/18/88	79.20	
				01/19/88			04/21/88	56		04/21/88	31	
				01/19/88			04/21/88	49		04/21/88	21	
				01/19/88			04/21/88	44		04/21/88	27	
				04/25/88			04/21/88	38		04/21/88	23	
				04/25/88				NR			NR	
				04/25/88				NR			NR	
				04/25/88				NR			NR	
VANADUM	PPB	5		01/19/88	11		01/19/88	6		01/18/88	12	
				04/25/88	9		04/21/88	14		04/21/88	12	
ZINC	PPB	5		01/19/88			01/19/88	9		01/18/88	15	
				04/25/88			04/21/88	13		04/21/88	30	

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-24-34B		SAMPLE DATE	6-24-34C		SAMPLE DATE	6-24-35	
1,1,1-T	PPB	10	200	01/18/88	58		01/19/88	28		01/19/88		
				04/22/88	41		04/22/88	24		04/21/88		
				04/22/88	41			NR			NR	
ALKALIN				01/18/88	227000	a	01/19/88	208000	a	01/19/88	136000	a
				04/22/88	218000	a	04/22/88	210000	a	04/21/88	134000	a
ALPHA	PCI/L	4	15	01/18/88	4.57		01/19/88	5.07		01/19/88	3.12	
					(2.23)			(2.92)			(1.84)	
				04/22/88	1.74		04/22/88	4.78		04/21/88	1.74	
					(1.29)			(2.09)			(1.35)	
				04/22/88	4.24			NR			NR	
					(1.86)							
BARIUM	PPB	6	1000	01/18/88	66		01/19/88	46		01/19/88	44	
				04/22/88	64		04/22/88	50		04/21/88	45	
BETA	PCI/L	8	50	01/18/88	21.70		01/19/88	26.10		01/19/88	17.20	
					(5.42)			(5.63)			(4.77)	
				04/22/88	24.60		04/22/88	25.20		04/21/88	21.90	
					(5.61)			(5.69)			(5.19)	
				04/22/88	26.90			NR			NR	
					(5.65)							
CALCIUM	PPB	50		01/18/88	73700		01/19/88	59800		01/19/88	42700	
				04/22/88	74000		04/22/88	74000		04/21/88	45200	
CHLORID	PPB	500		01/18/88	8300		01/19/88	7880		01/19/88	7710	
				04/22/88	9020		04/22/88	8990		04/21/88	8080	
				04/22/88	7910			NR			NR	
CONDFLD	µMHO	1		01/18/88	566		01/19/88	464		01/19/88	358	
				04/22/88	631		04/22/88	714		04/21/88	485	
				04/22/88	630		04/22/88	723		04/21/88	485	
				04/22/88	629		04/22/88	725		04/21/88	483	
				04/22/88	630		04/22/88	726		04/21/88	484	
CONDLAB	µMHO			01/18/88	584	a	01/19/88	563	a	01/19/88	434	a
				04/22/88	458	a	04/22/88	417	a	04/21/88	417	a
				04/22/88	417	a	04/22/88	417	a	04/21/88	417	a
				04/22/88	417	a	04/22/88	417	a	04/21/88	417	a
				04/22/88	417	a	04/22/88	417	a	04/21/88	417	a
FARSENI	PPB	5	50	01/18/88			01/19/88			01/19/88	5	
				04/22/88			04/22/88			04/21/88		
				04/22/88				NR			NR	
FBARIUM	PPB	6	1000	01/18/88	70		01/19/88	48		01/19/88	43	
				04/22/88	67		04/22/88	52		04/21/88	44	
				04/22/88	67			NR			NR	
FCALCIU	PPB	50		01/18/88	82700		01/19/88	73100		01/19/88	46500	
				04/22/88	70600		04/22/88	68200		04/21/88	42800	
				04/22/88	70900			NR			NR	
FIRON	PPB	50		01/18/88			01/19/88			01/19/88		
				04/22/88			04/22/88			04/21/88		

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-24-34B	SAMPLE DATE	6-24-34C	SAMPLE DATE	6-24-35
				04/22/88	390		NR		NR
FLUORID	PPB	500	4000	01/18/88	750	01/19/88	700	01/19/88	676
				04/22/88	668	04/22/88	594	04/21/88	644
FLUORID	PPB	500	4000	04/22/88	663		NR		NR
FMAGNES	PPB	50		01/18/88	17400	01/19/88	16000	01/19/88	11400
				04/22/88	15400	04/22/88	15600	04/21/88	10800
				04/22/88	15900		NR		NR
FPOTASS	PPB	100		01/18/88	7550	01/19/88	6800	01/19/88	6310
				04/22/88	7270	04/22/88	7160	04/21/88	5940
				04/22/88	7440		NR		NR
FSODIUM	PPB	200		01/18/88	23200	01/19/88	21400	01/19/88	20400
				04/22/88	19700	04/22/88	19600	04/21/88	20000
				04/22/88	20000		NR		NR
FSTRONT	PPB	10		01/18/88	301	01/19/88	279	01/19/88	201
				04/22/88	267	04/22/88	267	04/21/88	189
				04/22/88	271		NR		NR
FVANADI	PPB	5		01/18/88	16	01/19/88	14	01/19/88	18
				04/22/88	13	04/22/88	9	04/21/88	18
				04/22/88	10		NR		NR
FZINC	PPB	5		01/18/88	7	01/19/88	46	01/19/88	8
				04/22/88	7	04/22/88	29	04/21/88	13
				04/22/88	8		NR		NR
IRON	PPB	50		01/18/88	82	01/19/88	388	01/19/88	77
				04/22/88	1170	04/22/88	602	04/21/88	88
LFLUORD	PPB	50	4000	01/18/88	470	01/19/88	483	01/19/88	513
				04/22/88	381	04/22/88	393	04/21/88	432
				04/22/88	379		NR		NR
MAGNES	PPB	0		01/18/88	16100	01/19/88	14600	01/19/88	11300
				04/22/88	15800	04/22/88	15900	04/21/88	11400
NITRATE	PPB	500	45000	01/18/88	26300	01/19/88	27300	01/19/88	19100
				04/22/88	28200	04/22/88	29500	04/21/88	22300
				04/22/88	28200		NR		NR
NITRITE	PPB	1000		01/18/88		01/19/88	1130	01/19/88	
				04/22/88		04/22/88		04/21/88	
				04/22/88			NR		NR
PH-LAB		0.01		01/18/88	7.19	01/19/88	7.22	01/19/88	7.47
				04/22/88	7.50	04/22/88	7.80	04/21/88	7.70
				04/22/88	7.40	04/22/88	7.70	04/21/88	7.80
				04/22/88	7.50	04/22/88	7.80	04/21/88	7.80
				04/22/88	7.30	04/22/88	7.60	04/21/88	7.70
PHFIELD		0.10		01/18/88	3.50	01/19/88	6.50	01/19/88	7.10
				04/22/88	7.10	04/22/88	6.90	04/21/88	6
				04/22/88	7.10	04/22/88	7.10	04/21/88	6.10
				04/22/88	7.10	04/22/88	7	04/21/88	6.10
				04/22/88	7.10	04/22/88	7	04/21/88	6.10

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-24-34B		SAMPLE DATE	6-24-34C		SAMPLE DATE	6-24-35	
POTASUM	PPB	100		01/18/88	7500		01/19/88	6990		01/19/88	7090	
				04/22/88	7010		04/22/88	6900		04/21/88	6600	
RADIUM	PCI/L	1	5	04/22/88	0.26 (0.18)		04/22/88			04/21/88		
SODIUM	PPB	200		01/18/88	22800		01/19/88	22400		01/19/88	23200	
				04/22/88	21900		04/22/88	21900		04/21/88	21800	
STRONUM	PPB	10		01/18/88	284		01/19/88	263		01/19/88	203	
STRONUM	PPB	10		04/22/88	271		04/22/88	279		04/21/88	199	
SULFATE	PPB	500		01/18/88	43600		01/19/88	42000		01/19/88	46500	
				04/22/88	45100		04/22/88	44700		04/21/88	48400	
				04/22/88	44600			NR			NR	
TC	PPB	2000		01/18/88	65400		01/19/88	53900		01/19/88	34100	
				04/22/88	57600		04/22/88	52300		04/21/88	31900	
TDS				01/18/88	383000	a	01/19/88	359000	a	01/19/88	276000	a
				04/22/88	360000	a	04/22/88	365000	a	04/21/88	290000	a
TETRANE	PPB	5	5	01/18/88	6	*	01/19/88			01/19/88		
				04/22/88			04/22/88			04/21/88		
				04/22/88				NR			NR	
TOXLDL	PPB	10		01/18/88	57.20		01/19/88	25		01/19/88		
				04/22/88	356		04/22/88	28		04/21/88		
				04/22/88	373		04/22/88	29		04/21/88		
				04/22/88	288		04/22/88	56		04/21/88		
				04/22/88	356		04/22/88	28		04/21/88		
VANADUM	PPB	5		01/18/88	8		01/19/88	13		01/19/88	20	
				04/22/88	11		04/22/88	13		04/21/88	20	
ZINC	PPB	5		01/18/88			01/19/88	37		01/19/88		
				04/22/88	9		04/22/88	35		04/21/88		

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-25-34C	
ALKALIN				01/15/88	138000	a
				04/22/88	134000	a
ALPHA	PCI/L	4	15	01/15/88	2.58	
					(1.56)	
				04/22/88	1.81	
					(1.31)	
BARIUM	PPB	6	1000	01/15/88	41	
				04/22/88	40	
BETA	PCI/L	8	50	01/15/88	28.40	
					(5.68)	
				04/22/88	34	
					(6.05)	
CALCIUM	PPB	50		01/15/88	44300	
				04/22/88	45100	
CHLORID	PPB	500		01/15/88	7500	
				04/22/88	7530	
CONDFLD	µMHO	1		01/15/88	287	
				04/22/88	484	
				04/22/88	483	
				04/22/88	484	
				04/22/88	484	
CONDLAB	µMHO			01/15/88	448	a
				04/22/88	344	a
				04/22/88	344	a
				04/22/88	344	a
				04/22/88	344	a
FBARIUM	PPB	6	1000	01/15/88	38	
				04/22/88	38	
FCALCIU	PPB	50		01/15/88	46000	
				04/22/88	41900	
FLUORID	PPB	500	4000	01/15/88	684	
				04/22/88	609	
FMAGNES	PPB	50		01/15/88	12500	
				04/22/88	11600	
FPOTASS	PPB	100		01/15/88	6430	
				04/22/88	6240	
FSODIUM	PPB	200		01/15/88	23000	
				04/22/88	19500	
FSTRONT	PPB	10		01/15/88	205	
				04/22/88	188	
FVANADI	PPB	5		01/15/88	20	
				04/22/88	23	
FZINC	PPB	5		01/15/88	25	
				04/22/88	26	
IRON	PPB	50		01/15/88	402	

TABLE E.5. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-25-34C	
				04/22/88	557	
LFLUORD	PPB	50	4000	01/15/88	560	
				04/22/88	450	
MAGNES	PPB	0		01/15/88	12100	
				04/22/88	12200	
NITRATE	PPB	500	45000	01/15/88	29200	
				04/22/88	31900	
PH-LAB		0.01		01/15/88	7.53	
				04/22/88	7.90	
				04/22/88	7.90	
				04/22/88	8	
				04/22/88	7.90	
PHFIELD		0.10		01/15/88	6.80	
				04/22/88	7.80	
				04/22/88	7.80	
				04/22/88	7.80	
				04/22/88	7.80	
POTASUM	PPB	100		01/15/88	6380	
				04/22/88	6680	
SODIUM	PPB	200		01/15/88	22300	
				04/22/88	23400	
STRONUM	PPB	10		01/15/88	202	
				04/22/88	197	
SULFATE	PPB	500		01/15/88	40500	
				04/22/88	42100	
TC	PPB	2000		01/15/88	32400	
				04/22/88	31600	
TDS				01/15/88	173000	@
				04/22/88	276000	@
TOXLDL	PPB	10		01/15/88		
				04/22/88		
				04/22/88		
				04/22/88		
				04/22/88	21	
VANADUM	PPB	5		01/15/88	22	
				04/22/88	24	
ZINC	PPB	5		01/15/88	38	
				04/22/88	33	

* - VALUE EXCEEDS PRIMARY DRINKING WATER STANDARD.
\# - VALUE EXCEEDS PROPOSED PRIMARY DRINKING WATER STANDARD.
\+ - VALUE EXCEEDS SCREENING LEVEL FOR FURTHER INVESTIGATION.
@ - DETECTION LIMIT WAS NOT AVAILABLE FOR COMPARISON
NR - ANALYSIS NOT REQUESTED OR NOT YET REPORTED
VALUES IN ( ) ARE COUNTING ERRORS FOR RADIONUCLIDES
WATER STANDARD(S) IN PARENTHESES ARE PROPOSED ONLY
$

TABLE E.6. Constituents Analyzed for in Ground-Water Samples from Site-Wide Radiological (plus Nitrate) Monitoring Wells Outside the Site-Wide Chemical or Compliance Monitoring Networks

WELL NAME	TRITIUM	HNITRAT	ALPHA	BETA	GAMMA	C14	NI63	SR90	TC99	I129	U	UCHEM	UISO	PUISO
1-B3-2P	X	X	X	X					X					
1-B3-2Q	X	X	X	X					X					
1-B4-1	X	X		X	X			X	X		X			
1-B4-2	X	X		X	X			X	X		X			
1-B4-3	X	X		X	X			X	X		X			
1-B4-4	X	X		X	X			X	X		X			
1-B5-1	X	X		X				X	X		X			
1-B9-1		X												
1-D2-5	X	X		X				X	X		X			
1-D5-12	X	X		X	X	X	X	X	X		X			
1-D8-3	X	X		X				X	X		X			
1-F5-1	X	X		X	X			X	X		X			
1-F5-3	X	X		X				X	X		X			
1-F5-6	X	X		X	X			X	X		X			
1-F8-1	X	X		X	X			X	X		X			
1-F8-2	X	X		X	X			X	X		X			
1-K-11	X	X		X	X			X	X		X			
1-K-19	X	X		X	X			X	X		X			
1-K-20	X	X		X	X			X	X		X			
1-K-22	X	X		X	X			X	X		X			
1-K-27	X	X		X	X			X	X		X			
1-K-28	X	X		X	X			X	X		X			
1-K-29	X	X		X	X			X	X		X			
1-K-30	X	X		X	X			X	X		X			
1-N-5	X	X		X	X			X	X		X			
1-N-6	X	X		X	X			X	X		X			
1-N-15	X	X		X	X			X	X		X			
1-N-16	X	X		X				X	X		X			
1-N-18	X	X		X	X			X	X		X			
1-N-19	X	X	X	X	X			X	X		X			
1-N-20	X	X		X	X			X	X		X			
1-N-21	X	X		X				X	X		X			
1-N-22	X	X		X	X			X			X			
1-N-23	X	X		X	X			X	X		X			
1-N-24	X	X		X				X	X		X			
1-N-25	X	X		X	X			X	X		X			
1-N-30	X	X		X	X			X	X		X			
1-N-37	X	X		X	X			X	X		X			
1-N-45	X	X	X	X	X			X	X		X			

TABLE E.6. (contd)

WELL NAME	TRITIUM	HNITRAT	ALPHA	BETA	GAMMA	C14	NI63	SR90	TC99	I129	U	UCHEM	UISO	PUISO
1-N-50	X	X		X				X	X		X			
1-N-51	X	X		X				X	X		X			
2-E13-8	X	X		X	X			X	X		X			
2-E13-19	X	X		X	X			X	X		X			
2-E17-2	X	X	X	X	X			X				X		
2-E17-8	X	X		X	X	X		X						
2-E17-13	X	X	X	X	X			X	X			X	X	X
2-E23-1	X	X												
2-E24-1	X	X	X	X	X	X		X		X				
2-E24-4	X	X		X	X			X						
2-E24-7	X	X												
2-E24-8	X	X		X	X			X	X		X			
2-E24-11	X	X		X	X			X						
2-E24-12	X	X		X	X			X						
2-E24-13	X	X		X	X			X						
2-E25-2	X	X		X	X			X						
2-E25-3	X	X		X				X						
2-E25-6	X	X	X	X	X			X						
2-E25-9	X	X	X	X	X			X				X		
2-E25-10			X	X	X							X		
2-E25-11	X	X	X	X	X			X						
2-E25-13		X		X										
2-E25-17	X	X	X	X	X			X						
2-E26-1	X	X												
2-E26-2	X	X		X				X						
2-E26-3	X	X						X						
2-E26-4	X	X		X				X						
2-E26-6	X	X	X	X	X			X						
2-E26-8	X	X	X	X				X	X					
2-E27-1	X	X						X			X			
2-E27-5	X	X		X	X			X	X		X			
2-E27-7		X	X	X										
2-E28-1	X	X			X			X						
2-E28-5	X	X												
2-E28-9			X	X								X		
2-E28-12	X		X	X	X							X		
2-E28-16			X	X								X		
2-E28-17			X									X		
2-E28-19			X	X								X		
2-E28-24			X	X	X			X				X	X	X
2-E28-25			X	X	X			X				X	X	X
2-E33-7	X	X		X	X			X	X		X			

TABLE E.6. (contd)

WELL NAME	TRITIUM	HNITRATE	ALPHA	BETA	GAMMA	C14	NI63	SR90	TC99	I129	U	UCHEM	UISO	PUISO
2-E33-8	X	X		X	X			X	X		X			
2-E33-9	X	X		X	X			X						
2-E33-12	X	X		X	X			X	X		X			
2-E33-14	X	X						X			X			
2-E33-18	X	X		X	X			X	X		X			
2-E33-20	X	X		X				X	X		X			
2-E33-21	X	X		X	X			X	X		X			
2-E33-24	X	X		X	X			X	X		X			
2-E33-26				X	X			X						
2-E33-27	X										X			
2-W6-1	X	X			X									
2-W10-1	X	X		X	X			X	X		X			
2-W10-3	X	X	X	X	X			X			X			
2-W10-5	X	X												
2-W10-8	X	X	X	X	X			X			X			
2-W11-3	X	X						X			X			
2-W11-9	X	X						X			X			
2-W11-11			X	X	X			X						
2-W11-15				X										
2-W11-18				X	X			X	X					
2-W11-23		X	X	X	X			X						
2-W11-24		X	X	X	X			X						
2-W12-1	X	X												
2-W15-2	X	X	X	X	X									
2-W15-3		X	X	X	X			X						
2-W15-6		X	X	X					X					
2-W18-3	X	X						X	X					
2-W18-7			X	X										
2-W18-20	X	X	X	X	X									
2-W19-1								X	X					
2-W19-2	X	X	X	X	X			X				X		
2-W19-5	X	X		X					X		X			
2-W19-12	X	X	X	X	X			X	X			X		
2-W19-14	X	X	X	X	X			X				X		
2-W19-17	X	X	X	X	X			X	X			X	X	
2-W19-19	X	X	X	X	X			X	X			X	X	
2-W19-23	X	X	X	X	X			X	X			X	X	X
2-W19-25	X	X	X	X	X			X	X			X	X	X
2-W19-26	X	X	X	X	X			X	X			X	X	X
2-W19-27	X	X	X	X	X			X				X	X	X
2-W21-1	X	X									X			
2-W22-2	X	X	X	X	X			X			X			

TABLE E.6. (contd)

WELL NAME	TRITIUM	HNITRAT	ALPHA	BETA	GAMMA	C14	NI63	SR90	TC99	I129	U	UCHEM	UISO	PUISO
2-W22-7	X	X						X			X			
2-W22-9	X	X						X			X			
2-W22-10	X		X	X	X			X			X			
2-W22-12	X	X		X	X			X			X			
2-W22-18			X	X	X			X	X					
2-W22-21		X	X	X	X	X		X						
2-W22-26	X	X		X	X			X			X			
2-W23-1	X	X		X	X			X			X			
2-W23-2		X		X	X			X	X		X			
2-W23-3		X		X	X			X						
2-W23-4	X	X	X	X				X				X	X	
2-W23-7				X					X					
2-W23-9	X	X	X	X	X			X	X			X	X	
2-W23-11	X	X	X	X	X			X	X			X	X	
2-W26-3	X	X	X	X										
2-W26-6	X	X	X	X	X			X						
3-1-3	X								X		X			
3-1-5	X										X			
3-1-16D	X										X			
3-2-2	X	X		X					X		X			
3-2-3	X	X		X					X		X			
3-3-3	X	X		X					X		X			
3-3-6	X				X						X			
3-3-9	X	X		X				X	X		X			
3-3-11	X	X		X	X			X	X		X			
3-3-12	X	X		X				X	X		X			
3-4-9	X	X		X	X			X	X		X			
3-4-10	X	X		X	X			X	X		X			
3-5-1	X	X		X					X		X			
3-6-1	X	X		X	X				X		X			
3-8-4	X	X		X					X		X			
4-S1-7B	X	X	X	X						X				
4-S1-8C	X		X	X						X				
4-S0-7	X				X									
4-S0-8	X		X	X	X					X				
6-S31-1P	X	X	X	X					X					
6-S29-E12	X	X		X					X		X			
6-S28-E0	X	X	X	X				X			X			
6-S27-E14	X	X		X							X			
6-S24-19	X	X									X			

TABLE E.6. (contd)

WELL NAME	TRITIUM	HNITRAT	ALPHA	BETA	GAMMA	C14	NI63	SR90	TC99	I129	U	UCHEM	UISO	PUISO
6-S19-11	X	X	X	X				X	X					
6-S18-51	X	X	X	X					X					
6-S14-20A	X	X			X						X			
6-S12-3	X	X	X	X	X					X	X			
6-S12-29	X	X	X	X										
6-S11-E12A	X	X												
6-S11-E12AP	X	X	X	X										
6-S8-19	X		X	X						X				
6-S6-E14A	X	X		X					X					
6-S6-E4B	X	X		X	X					X	X			
6-S6-E4D	X	X		X	X					X	X			
6-S3-25	X	X	X	X										
6-1-18	X	X												
6-2-3	X	X	X	X						X				
6-2-7	X	X												
6-2-33A	X	X	X	X						X				
6-3-45	X	X		X				X	X		X			
6-8-17	X	X	X	X						X				
6-8-25	X	X	X	X						X				
6-8-32	X	X	X	X						X				
6-10-54A	X	X	X	X	X									
6-13-64	X	X	X	X										
6-14-E6T	X	X	X	X										
6-14-47	X	X	X	X										
6-15-15B	X	X	X	X										
6-15-26	X	X	X	X	X					X				
6-17-5	X	X	X	X										
6-17-47	X	X								X				
6-17-70	X	X												
6-19-58		X												
6-19-88	X	X	X	X										
6-20-E12	X	X		X						X	X			
6-20-E12P	X	X	X	X					X					
6-20-E5A	X	X	X	X						X				
6-20-E5P	X	X	X	X					X					
6-20-E5Q	X	X	X	X					X					
6-20-E5R	X	X	X	X					X					
6-20-20	X	X		X						X	X			
6-20-82	X	X	X	X										
6-21-6	X	X	X	X						X				
6-22-70	X	X	X	X										
6-24-1P	X	X	X	X					X					
6-24-1Q	X	X	X	X					X					

TABLE E.6. (contd)

WELL NAME	TRITIUM	HNITRAT	ALPHA	BETA	GAMMA	C14	NI63	SR90	TC99	I129	U	UCHEM	UISO	PUISO
6-24-1R	X	X	X	X					X					
6-24-1S	X	X	X	X					X					
6-24-1T	X	X	X	X										
6-25-55	X	X	X	X										
6-25-70	X	X	X	X						X				
6-26-15A	X	X	X	X	X					X				
6-26-89		X												
6-27-8	X	X	X	X					X	X				
6-28-40	X	X	X	X						X				
6-28-40P	X	X	X	X	X				X					
6-28-52A	X	X	X	X										
6-29-4	X	X	X	X						X				
6-31-31	X	X	X	X										
6-31-31P	X	X	X	X					X					
6-31-53B					X									
6-32-22	X	X	X	X					X	X				
6-32-43	X	X		X	X	X			X	X				
6-32-62	X	X	X	X						X				
6-33-42	X	X	X	X										
6-33-56	X	X	X	X										
6-34-39A	X	X	X	X	X									
6-34-41B	X	X			X									
6-34-42	X	X	X	X										
6-34-51	X	X	X	X	X					X				
6-35-9	X	X	X	X						X				
6-35-70	X	X		X		X		X	X	X	X			
6-35-78A	X	X	X	X	X							X	X	X
6-36-46P	X	X	X	X					X					
6-36-46Q	X	X	X	X					X					
6-36-61B	X	X	X	X						X				
6-36-93	X	X	X	X				X	X					
6-37-82A	X	X	X	X										
6-38-15	X	X	X	X	X					X				
6-38-65	X	X		X	X					X	X			
6-39-0	X	X	X	X	X									
6-40-1	X	X	X	X	X			X	X					
6-40-33A	X	X	X	X	X									
6-41-23	X	X	X	X					X	X				
6-42-12A	X	X		X	X			X	X	X	X			
6-42-40B	X	X		X	X			X						
6-42-40C	X	X	X	X				X	X					
6-43-88	X	X	X	X										
6-44-4	X	X			X									

TABLE E.6. (contd)

WELL NAME	TRITIUM	THNITRAT	ALPHA	BETA	GAMMA	C14	NI63	SR90	TC99	I129	UDW	UCHEM	UISO	PUISO
6-45-69A	X	X	X	X						X				
6-46-21B	X	X	X	X						X	X			
6-47-35A	X	X	X	X										
6-48-7	X	X	X	X					X	X				
6-48-18	X	X	X	X						X				
6-48-71	X	X	X	X						X				
6-49-13E	X	X	X	X					X	X				
6-49-28	X	X	X	X						X				
6-49-55B	X	X	X	X				X	X					
6-49-100C	X	X	X	X				X						
6-50-30	X	X	X	X				X						
6-50-42	X	X	X	X				X		X				
6-50-45	X	X	X	X				X	X					
6-50-48B	X	X	X	X				X	X					
6-51-46	X	X	X	X				X	X					
6-51-63	X	X		X						X	X			
6-51-75	X	X	X	X										
6-52-19	X	X	X	X						X				
6-52-46A	X	X	X	X				X	X					
6-52-48	X	X	X	X				X	X					
6-53-47B			X	X	X			X						
6-53-48A			X	X	X			X						
6-53-50	X	X	X	X				X	X					
6-53-55A			X	X	X			X						
6-53-103	X	X	X	X					X					
6-54-34	X	X	X	X										
6-54-45A	X	X	X	X										
6-54-48			X	X	X			X						
6-54-49			X	X				X						
6-54-57	X	X	X	X				X	X					
6-55-40	X	X												
6-55-44	X	X												
6-55-50A	X	X		X	X			X	X	X	X			
6-55-50D	X	X	X	X				X		X	X			
6-55-70	X	X		X							X			
6-55-89	X	X		X	X			X			X			
6-56-43	X	X	X	X						X				
6-56-53	X	X	X	X				X	X					
6-57-29A	X	X	X	X										
6-59-58	X	X		X				X	X	X	X			
6-59-80B		X												
6-60-57	X	X		X						X	X			
6-60-60	X	X		X	X			X	X		X			

TABLE E.6. (contd)

WELL NAME	TRITIUM	HNITRAT	ALPHA	BETA	GAMMA	C14	NI63	SR90	TC99	I129	U	UCHEM	UISO	PUISO
6-61-37	X	X	X	X										
6-61-41	X	X	X	X										
6-61-62	X	X		X	X			X	X	X	X			
6-61-66	X	X		X	X			X	X	X	X			
6-62-31		X												
6-63-25A	X	X	X	X										
6-63-55	X	X		X							X			
6-63-58	X	X		X	X					X	X			
6-63-90	X	X	X	X										
6-64-27	X	X												
6-64-62	X	X		X	X			X	X	X	X			
6-65-23	X	X												
6-65-50	X	X		X						X	X			
6-65-59A	X	X		X	X			X	X	X	X			
6-66-23		X												
6-66-38		X												
6-66-39		X												
6-66-58	X	X		X	X			X	X	X	X			
6-66-64	X	X		X	X			X	X	X	X			
6-66-103	X	X	X	X	X									
6-67-51	X	X									X			
6-67-98	X	X	X	X										
6-68-105	X	X												
6-69-38	X	X	X	X										
6-72-88	X	X	X	X										
6-72-92	X	X	X	X										
6-77-54	X	X	X	X										
6-80-43P	X	X	X	X					X					
6-80-43Q	X	X	X	X					X					
6-80-43R	X	X	X	X					X					
6-80-43S	X	X	X	X					X					
6-84-35AO	X	X												
6-87-55	X	X	X	X										
6-89-35	X	X	X	X										
6-90-45	X	X	X	X										

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TABLE E.7. Results for Site-Wide Radiological (plus Nitrate) Monitoring Wells Outside the Site-Wide Chemical or Compliance Monitoring Networks

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-B3-2P	SAMPLE DATE	1-B3-2Q	SAMPLE DATE	1-B4-1
BETA	PCI/L	8	50	01/26/88	123 + { 6.64}	01/26/88	74.50 + { 5.25}	01/21/88	61.20 + { 5.18}
					NR		NR	04/04/88	55.90 + { 5.03}
HNITRAT	PPB	2500	45000	01/26/88		01/26/88		01/21/88	10100
					NR		NR	04/04/88	11300
SR 90	PCI/L	5	8		NR		NR	01/21/88	21.90 + { 2.42}
					NR		NR	04/04/88	23.40 + { 2.51}
TC-99	PCI/L	15	900	01/26/88		01/26/88		01/21/88	72.90 { 1.87}
TRITIUM	PCI/L	500	20000	01/26/88	509 { 203 }	01/26/88	796 { 214 }	01/21/88	49700 + { 737 }
					NR		NR	04/04/88	21000 + { 583 }
U	PCI/L	0.50	600		NR		NR	01/21/88	1.15
					NR		NR	04/04/88	1.51

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-B4-2	SAMPLE DATE	1-B4-3	SAMPLE DATE	1-B4-4
BETA	PCI/L	8	50	01/26/88	51 + { 4.78}	01/26/88	53.60 + { 4.93}	01/21/88	72 + { 5.80}
				04/04/88	51.20 + { 4.83}	04/04/88	54.20 + { 4.92}	04/04/88	68.70 + { 5.55}
CS-137	PCI/L	20	200	01/26/88		01/26/88	7.89 { 7.59}	01/21/88	
				04/04/88		04/04/88		04/04/88	
HNITRAT	PPB	2500	45000	01/26/88	10100	01/26/88	10200	01/21/88	9490
				04/04/88	11300	04/04/88	11400	04/04/88	10300
SR 90	PCI/L	5	8	01/26/88	17.80 + { 2.25}	01/26/88	28.20 + { 2.84}	01/21/88	29.90 + { 2.80}
				04/04/88	19.70 + { 2.48}	04/04/88	24.50 + { 2.62}	04/04/88	32.60 + { 3.07}
TC-99	PCI/L	15	900	01/26/88		01/26/88	79.20 { 1.94}	01/21/88	84.50 { 1.99}
TRITIUM	PCI/L	500	20000	01/26/88	2670 { 267 }	01/26/88	19400 { 484 }	01/21/88	2130 { 219 }
				04/04/88	2280 { 263 }	04/04/88	12400 { 465 }	04/04/88	2280 { 259 }
U	PCI/L	0.50	600	01/26/88	1.00	01/26/88	0.64	01/21/88	0.97
				04/04/88	1.25	04/04/88	1.19	04/04/88	0.91

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-B5-1	SAMPLE DATE	1-B9-1	SAMPLE DATE	1-D2-5
BETA	PCI/L	8	50	01/21/88	19.10		NR	01/11/88	7.04
					{ 3.04}				{ 2.22}
				04/04/88	19.20		NR	04/15/88	5.85
					{ 3.05}				{ 2.26}
HNITRAT	PPB	2500	45000	01/21/88	9720	01/21/88	22100	01/11/88	87500 *
				04/04/88	10900	04/04/88	21900	04/15/88	88300 *
SR 90	PCI/L	5	8	01/21/88	2.10		NR	01/11/88	
					{ 0.98}				
				04/04/88	1.54		NR	04/15/88	
					{ 0.86}				
TC-99	PCI/L	15	900	01/21/88	119		NR	01/11/88	
					{ 2.23}				
TRITIUM	PCI/L	500	20000	01/21/88	1470		NR	01/11/88	32700 *
					{ 202 }				{ 692 }
				04/04/88	1560		NR	04/15/88	33500 *
					{ 239 }				{ 499 }
U	PCI/L	0.50	600	01/21/88	0.59		NR	01/11/88	2.46
				04/04/88	1.05		NR	04/15/88	2.25

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-D5-12	SAMPLE DATE	1-D8-3	SAMPLE DATE	1-F5-1
BETA	PCI/L	8	50	01/11/88	80.70 + { 6.42}	01/11/88	9.01 { 2.23}	01/11/88	35.30 { 3.87}
				04/08/88	79.60 + { 6.35}	04/15/88	8.92 { 2.23}	04/06/88	47.40 { 4.59}
HNITRAT	PPB	2500	45000	01/11/88	73800 *	01/11/88	38700	01/11/88	3290
				04/08/88	60400 *	04/15/88	41500	04/06/88	9420
NI-63	PCI/L	10	50	01/11/88	2.40 { 1.51}		NR		NR
				04/08/88			NR		NR
SR 90	PCI/L	5	8	01/11/88	39.70 * { 3.23}	01/11/88	2.63 { 1.07}	01/11/88	20.30 * { 2.35}
				04/08/88	36.40 * { 3.15}	04/15/88	2.83 { 1.06}	04/06/88	22.40 * { 2.53}
TRITIUM	PCI/L	500	20000	01/11/88	10800 { 428 }	01/11/88	4440 { 310 }	01/11/88	
				04/08/88	16000 { 506 }	04/15/88	3990 { 212 }	04/06/88	561 { 210 }
U	PCI/L	0.50	600	01/11/88	1.68	01/11/88	0.54	01/11/88	0.52
				04/08/88	1.64	04/15/88	0.56	04/06/88	0.95

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-F5-3	SAMPLE DATE	1-F5-6	SAMPLE DATE	1-F8-1
BETA	PCI/L	8	50	01/11/88	182 *	01/11/88	7.96	01/11/88	70.10 *
					{ 8.40}		{ 2.03}		{ 6.43}
				04/07/88	521 *	04/06/88	7.89	02/03/88	113 *
					{ 14.90}		{ 2.05}		{ 8.22}
					NR		NR	03/17/88	43.10
									{ 5.09}
					NR		NR	04/06/88	72.20 *
									{ 6.52}
					NR		NR	05/05/88	68.80 *
									{ 6.34}
					NR		NR	06/06/88	61.30 *
									{ 6.09}
CO-60	PCI/L	22.50	100		NR	01/11/88	5.33	01/11/88	
							{ 4.77}		
					NR	04/06/88		02/03/88	
					NR		NR	03/17/88	
					NR		NR	04/06/88	
					NR		NR	05/05/88	
					NR		NR	06/06/88	
HNITRAT	PPB	2500	45000	01/11/88		01/11/88		01/11/88	244000 *
				04/07/88		04/06/88		02/03/88	227000 *
					NR		NR	03/17/88	235000 *
					NR		NR	04/06/88	214000 *
					NR		NR	05/05/88	210000 *
					NR		NR	06/06/88	202000 *
RU-106	PCI/L	172.50	30		NR	01/11/88		01/11/88	
					NR	04/06/88		02/03/88	50.70 *
									{ 43.60}
					NR		NR	03/17/88	
					NR		NR	04/06/88	
					NR		NR	05/05/88	
					NR		NR	06/06/88	
SR 90	PCI/L	5	8	01/11/88	101 *	01/11/88	2.70	01/11/88	
					{ 4.93}		{ 1.11}		
				04/07/88	297 *	04/06/88	2.17	02/03/88	
					{ 8.88}		{ 0.99}		
					NR		NR	03/17/88	

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-F5-3	SAMPLE DATE	1-F5-6	SAMPLE DATE	1-F8-1
					NR		NR	04/06/88	
					NR		NR	05/05/88	
					NR		NR	06/06/88	
TC-99	PCI/L	15	900	01/11/88		01/11/88		01/11/88	8.29
									{ 1.48}
TRITIUM	PCI/L	500	20000	01/11/88	611	01/11/88	1110	01/11/88	9530
					{ 212 }		{ 227 }		{ 412 }
				04/07/88	926	04/06/88	1130	02/03/88	8350
					{ 222 }		{ 227 }		{ 399 }
					NR		NR	03/17/88	6630
TRITIUM	PCI/L	500	20000		NR		NR	04/06/88	6420
									{ 305 }
					NR		NR	05/05/88	6030
									{ 299 }
					NR		NR	06/06/88	6530
									{ 365 }
U	PCI/L	0.50	600	01/11/88		01/11/88		01/11/88	414
				04/07/88		04/06/88		02/03/88	337
					NR		NR	03/17/88	283
					NR		NR	04/06/88	245
					NR		NR	05/05/88	232
					NR		NR	06/06/88	161

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-F8-2	SAMPLE DATE	1-K-11	SAMPLE DATE	1-K-19
BETA	PCI/L	8	50	01/11/88	36.90	01/18/88	7.27	01/18/88	36.50
					{ 4.53}		{ 2.18}		{ 4.10}
				04/07/88	42.10	04/12/88	7.12	02/03/88	39.20
					{ 4.86}		{ 2.13}		{ 4.31}
					NR		NR	03/17/88	36.20
									{ 4.18}
					NR		NR	04/12/88	31.90
									{ 3.95}
					NR		NR	05/04/88	30.60
									{ 3.82}
					NR		NR	06/06/88	35.80
									{ 4.07}
CO-60	PCI/L	22.50	100	01/11/88		01/18/88		01/18/88	
				04/07/88		04/12/88		02/03/88	
					NR		NR	03/17/88	
					NR		NR	04/12/88	6.41
									{ 5.23}
					NR		NR	05/04/88	
					NR		NR	06/06/88	7.76
									{ 7.59}
CS-137	PCI/L	20	200	01/11/88	6.29	01/18/88		01/18/88	
					{ 4.68}				
				04/07/88		04/12/88		02/03/88	
					NR		NR	03/17/88	
					NR		NR	04/12/88	
					NR		NR	05/04/88	
					NR		NR	06/06/88	
HNITRAT	PPB	2500	45000	01/11/88	100000 *	01/18/88	49900 *	01/18/88	68600 *
				04/07/88	124000 *	04/12/88	47900 *	02/03/88	69200 *
					NR		NR	03/17/88	86600 *
					NR		NR	04/12/88	72400 *
					NR		NR	05/04/88	52900 *
					NR		NR	06/06/88	41500
SR 90	PCI/L	5	8	01/11/88	1.27	01/18/88		01/18/88	19.10 *
					{ 1.02}				{ 2.34}

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-F8-2	SAMPLE DATE	1-K-11	SAMPLE DATE	1-K-19
				04/07/88		04/12/88		02/03/88	20.80 * { 2.50}
					NR		NR	03/17/88	20.10 * { 2.37}
					NR		NR	04/12/88	16.60 * { 2.21}
					NR		NR	05/04/88	15.90 * { 2.11}
					NR		NR	06/06/88	18.20 * { 2.31}
TRITIUM	PCI/L	500	20000	01/11/88	1940 { 252 }	01/18/88	537 { 212 }	01/18/88	3260 { 286 }
				04/07/88	2300 { 260 }	04/12/88	471 { 208 }	02/03/88	3130 { 285 }
TRITIUM	PCI/L	500	20000		NR		NR	03/17/88	2840 { 281 }
					NR		NR	04/12/88	3300 { 284 }
					NR		NR	05/04/88	4260 { 308 }
					NR		NR	06/06/88	4640 { 325 }
U	PCI/L	0.50	600	01/11/88	127	01/18/88	5.24	01/18/88	1.17
				04/07/88	174	04/12/88	4.73	02/03/88	0.77
					NR		NR	03/17/88	0.88
					NR		NR	04/12/88	0.76
					NR		NR	05/04/88	0.63
					NR		NR	06/06/88	0.86

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-K-20	SAMPLE DATE	1-K-22	SAMPLE DATE	1-K-27
BETA	PCI/L	8	50	01/18/88	40.60 { 4.25}	01/18/88	7.43 { 1.97}	01/18/88	33.80 { 3.91}
				04/12/88	35.10 { 4.02}	04/12/88	6.60 { 1.98}	04/12/88	30.90 { 3.84}
HNITRAT	PPB	2500	45000	01/18/88	22100	01/18/88	2880	01/18/88	11100
				04/12/88	22200	04/12/88	2720	04/12/88	7900
SR 90	PCI/L	5	8	01/18/88	15.40 * { 2.05}	01/18/88	2.40 { 1.05}	01/18/88	
				04/12/88	16.30 * { 2.20} NR	01/18/88	2.99 { 1.08}	04/12/88	NR
						04/12/88	1.63 { 1.03}		
TC-99	PCI/L	15	900	01/18/88		01/18/88		01/18/88	17.30 { 1.35}
TRITIUM	PCI/L	500	20000	01/18/88	1380 { 238 }	01/18/88	700 { 216 }	01/18/88	2740 { 274 }
				04/12/88	1060 { 226 } NR	01/18/88	862 { 221 }	04/12/88	1850 { 249 } NR
						04/12/88	815 { 219 }		
U	PCI/L	0.50	600	01/18/88	1.76	01/18/88	0.77	01/18/88	3.55
				04/12/88	0.94 NR	01/18/88	0.66	04/12/88	3.37
						04/12/88	0.77		NR

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-K-28	SAMPLE DATE	1-K-29	SAMPLE DATE	1-K-30	
BETA	PCI/L	8	50	01/18/88	9.17	01/18/88	4.69	01/18/88	5.37	
					{ 2.26}		{ 1.65}		{ 1.82}	
				04/12/88	5.87	04/12/88	5.90	04/12/88	5.66	
					{ 1.99}		{ 1.87}		{ 1.95}	
HNITRAT	PPB	2500	45000	01/18/88	18300	01/18/88	8550	01/18/88	66000	*
				04/12/88	20400	04/12/88	9300	04/12/88	70100	*
TRITIUM	PCI/L	500	20000	01/18/88	3050	01/18/88	10800	01/18/88	1180000	*
					{ 239 }		{ 371 }		{ 3500 }	
				04/12/88	3290	04/12/88	17000	04/12/88	1220000	*
					{ 286 }		{ 521 }		{ 2900 }	
U	PCI/L	0.50	600	01/18/88	3.77	01/18/88	1.78	01/18/88	1.89	
				04/12/88	3.44	04/12/88	1.76	04/12/88	2	

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-N-5	SAMPLE DATE	1-N-6	SAMPLE DATE	1-N-15
BETA	PCI/L	8	50	03/22/88	2460 +	01/29/88	257 +	03/08/88	45.10
					{ 144 }		{ 10 }		{ 4.66}
					NR	04/27/88	195 +	04/13/88	25.10
							{ 8.89}		{ 3.47}
CO-60	PCI/L	22.50	100	03/22/88	17	01/29/88	90.30	03/08/88	36
					{ 11.30}		{ 21.20}		{ 14 }
					NR	04/27/88	59.70	04/13/88	16.30
							{ 17.80}		{ 11.80}
HNITRAT	PPB	2500	45000	03/22/88	21500	01/29/88	24900	03/08/88	27400
					NR	04/27/88	27600	04/13/88	22800
RU-106	PCI/L	172.50	30	03/22/88		01/29/88	69.90 *	03/08/88	
							{ 62.60}		
					NR	04/27/88		04/13/88	
SR 90	PCI/L	5	8	03/22/88	1480 *	01/29/88	55.50 *	03/08/88	0.99
					{ 90.30}		{ 3.93}		{ 0.87}
					NR	04/27/88	77.60 *	04/13/88	0.90
							{ 4.64}		{ 0.80}
TC-99	PCI/L	15	900	03/22/88	7.86	01/29/88	55.80	03/08/88	9.70
					{ 1.39}		{ 1.71}		{ 1.31}
TRITIUM	PCI/L	500	20000	03/22/88	33200 *	01/29/88	84300 *	03/08/88	55300 *
					{ 701 }		{ 1110 }		{ 908 }
					NR	04/27/88	59000 *	04/13/88	44000 *
							{ 932 }		{ 567 }
U	PCI/L	0.50	600	03/22/88	0.63	01/29/88	0.69	03/08/88	1.11
					NR	04/27/88	2.98	04/13/88	0.83

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-N-16	SAMPLE DATE	1-N-18	SAMPLE DATE	1-N-19
ALPHA	PCI/L	4	15		NR		NR	04/28/88	1.62
									{ 0.56}
					NR		NR	04/28/88	1.02
									{ 0.47}
BETA	PCI/L	8	50	03/22/88	12.10	03/21/88	1570 *	03/21/88	100 *
					{ 3.11}		{ 118 }		{ 7.57}
				04/28/88	7.71	04/28/88	1420 *	04/28/88	94.40 *
					{ 2.35}		{ 113 }		{ 7.27}
					NR		NR	04/28/88	126 *
									{ 8.77}
CO-60	PCI/L	22.50	100		NR	03/21/88	10.10	03/21/88	
							{ 9.06}		
					NR	04/28/88	18	04/28/88	
							{ 14 }		
					NR		NR	04/28/88	
HNITRAT	PPB	2500	45000	03/22/88		03/21/88		03/21/88	4570
				04/28/88		04/28/88		04/28/88	4680
SR 90	PCI/L	5	8	03/22/88		03/21/88	869 *	03/21/88	85.70 *
							{ 58.70}		{ 4.57}
				04/28/88		04/28/88	658 *	04/28/88	76.90 *
							{ 59 }		{ 4.62}
					NR		NR	04/28/88	78.80 *
									{ 4.62}
TRITIUM	PCI/L	500	20000	03/22/88		03/21/88	21800 *	03/21/88	3690
							{ 581 }		{ 308 }
				04/28/88		04/28/88	26500 *	04/28/88	1690
							{ 632 }		{ 251 }
					NR		NR	04/28/88	1830
									{ 256 }
U	PCI/L	0.50	600	03/22/88	3.66	03/21/88	1.14	03/21/88	2.74
				04/28/88	0.84	04/28/88	2.48	04/28/88	1.89
					NR		NR	04/28/88	2.14

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-N-20	SAMPLE DATE	1-N-21	SAMPLE DATE	1-N-22
BETA	PCI/L	8	50	03/21/88	28.80	03/22/88	22.10	06/07/88	8.12
					{ 4.40}		{ 3.85}		{ 2.67}
				04/28/88	25	04/28/88	24.40		NR
					{ 4.06}		{ 3.96}		
HNITRAT	PPB	2500	45000	03/21/88	8600	03/22/88	18400	06/07/88	
				04/28/88	7410	04/28/88	14900		NR
SR 90	PCI/L	5	8	03/21/88	14.40 *	03/22/88	7.42	06/07/88	
					{ 2.03}		{ 1.58}		
				04/28/88	12.30 *	03/22/88	8.36 *		NR
					{ 1.90}		{ 1.63}		
					NR	04/28/88	7.49		NR
							{ 1.55}		
TRITIUM	PCI/L	500	20000	03/21/88	1370	03/22/88	1490	06/07/88	656
					{ 248 }		{ 240 }		{ 213 }
				04/28/88	1090	03/22/88	1460		NR
					{ 235 }		{ 239 }		
					NR	04/28/88	1470		NR
							{ 239 }		
U	PCI/L	0.50	600	03/21/88	4.44	03/22/88	3.87	06/07/88	6.59
				04/28/88	4.92	03/22/88	4.80		NR
					NR	04/28/88	4.26		NR

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-N-23	SAMPLE DATE	1-N-24	SAMPLE DATE	1-N-25
BETA	PCI/L	8	50	03/22/88	15.40	03/22/88	28.50	03/22/88	6.69
					{ 3.57}		{ 3.90}		{ 2.17}
				06/07/88	7.54		NR	04/28/88	5.41
					{ 2.60}				{ 2.06}
HNITRAT	PPB	2500	45000	03/22/88	4920	03/22/88	16900	03/22/88	13700
				06/07/88	5680		NR	04/28/88	12500
SR 90	PCI/L	5	8	03/22/88	1.68	03/22/88	16.30 *	03/22/88	
					{ 0.91}		{ 2.21}		
				03/22/88	1.07		NR	04/28/88	
					{ 0.93}				
				06/07/88	1.19		NR		NR
					{ 0.89}				
TRITIUM	PCI/L	500	20000	03/22/88	2550	03/22/88	404	03/22/88	
					{ 268 }		{ 207 }		
				03/22/88	3060		NR	04/28/88	
					{ 282 }				
				06/07/88	1940		NR		NR
					{ 252 }				
U	PCI/L	0.50	600	03/22/88	8.12	03/22/88	2.50	03/22/88	2.28
				03/22/88	5.98		NR	04/28/88	1.52
				06/07/88	5.99		NR		NR

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-N-30	SAMPLE DATE	1-N-37	SAMPLE DATE	1-N-45
ALPHA	PCI/L	4	15		NR		NR	04/29/88	0.66 { 0.39}
BETA	PCI/L	8	50	03/21/88	129 * { 7.13}	01/22/88	210 * { 9.05}	03/08/88	4500 * { 59.10}
				04/27/88	126 * { 7.16}	04/26/88	191 * { 8.79}	04/29/88	6200 * { 100 }
CO-60	PCI/L	22.50	100	03/21/88	124 * { 22.40}	01/22/88	127 * { 26.20}	03/08/88	120 * { 23.30}
				04/27/88	128 * { 23.80}	04/26/88	99.30 { 23.30}	04/29/88	94 { 20 }
HNITRAT	PPB	2500	45000	03/21/88	30100	01/22/88	30500	03/08/88	13000
				04/27/88	26600	04/26/88	24900	04/29/88	25600
RU-106	PCI/L	172.50	30	03/21/88		01/22/88		03/08/88	
				04/27/88		04/26/88		04/29/88	67.10 * { 61.20}
SR 90	PCI/L	5	8	03/21/88	4.35 { 1.25}	01/22/88	36.70 * { 3.10}	03/08/88	2790 * { 86.20}
				04/27/88	4.67 { 1.31}	04/26/88	46.50 * { 3.49}	04/29/88	3460 * { 94.10}
TC-99	PCI/L	15	900	03/21/88	14.10 { 1.28}	01/22/88	17.70 { 1.34}	03/08/88	11.80 { 1.37}
TRITIUM	PCI/L	500	20000	03/21/88	89600 * { 1130 }	01/22/88	81500 * { 935 }	03/08/88	30900 * { 696 }
				04/27/88	92400 * { 1140 }	04/26/88	66100 * { 990 }	04/29/88	79400 * { 931 }
U	PCI/L	0.50	600	03/21/88		01/22/88	0.62	03/08/88	0.54
				04/27/88		04/26/88	0.55	04/29/88	

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	1-N-50	SAMPLE DATE	1-N-51	SAMPLE DATE	2-E13-8
BETA	PCI/L	8	50	01/29/88	66.90 + { 5.31}	01/29/88	50.40 + { 4.64}	02/01/88	7.99 { 2.19}
				04/29/88	68 + { 5.44}	04/26/88	41.10 { 4.22}	04/19/88	6.95 { 2.09}
HNITRAT	PPB	2500	45000	01/29/88	44800	01/29/88	33900	02/01/88	21300
				04/29/88	39500	04/26/88	30900		NR
TC-99	PCI/L	15	900	01/29/88	7.90 { 1.21}	01/29/88	8.65 { 1.21}	02/01/88	
TRITIUM	PCI/L	500	20000	01/29/88	133000 * { 1390 }	01/29/88	98600 * { 1190 }	02/01/88	
				04/29/88	124000 * { 1150 }	04/26/88	92900 * { 1150 }		NR
U	PCI/L	0.50	600	01/29/88	0.68	01/29/88	0.64	02/01/88	2.10
				04/29/88		04/26/88	0.54		NR

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E13-19	SAMPLE DATE	2-E17-2	SAMPLE DATE	2-E17-8
ALPHA	PCI/L	4	15		NR	01/21/88	8.21 { 1.23}		NR
					NR	02/16/88	6.16 { 1.08}		NR
					NR	03/07/88	5.84 { 1.04}		NR
					NR	04/05/88	7.01 { 1.11}		NR
					NR	05/05/88	5.68 { 1.02}		NR
					NR	06/08/88	4.21 { 0.90}		NR
BETA	PCI/L	8	50	02/01/88	6.60 { 2.07}	01/21/88	240 + { 15.50}	01/21/88	22.60 { 3.50}
				04/19/88	7.34 { 2.11}	02/16/88	208 + { 14.50}	04/20/88	33.40 { 4 }
			NR	03/07/88	101 +		NR { 10.10}		
					NR	04/05/88	85.40 + { 9.40}		NR
					NR	05/05/88	95.70 + { 10 }		NR
					NR	06/08/88	28.20 { 3.45}		NR
C 14	PCI/L				NR		NR	01/21/88	35.70 @ { 2.70}
CO-60	PCI/L	22.50	100	02/01/88		01/21/88	17.60 { 12.80}	01/21/88	
					NR	04/05/88	15.50 { 11.20}	04/20/88	
HNITRAT	PPB	2500	45000	02/01/88	11500	01/21/88	103000 *	01/21/88	222000 *
					NR	02/16/88	118000 *	04/20/88	80000 *
					NR	03/07/88	121000 *		NR
					NR	04/05/88	91400 *		NR
					NR	05/05/88	92900 *		NR
					NR	06/08/88	90000 *		NR

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E13-19	SAMPLE DATE	2-E17-2	SAMPLE DATE	2-E17-8
RU-106	PCI/L	172.50	30	02/01/88		01/21/88	235 * { 102 }	01/21/88	
					NR	04/05/88		04/20/88	
SR 90	PCI/L	5	8	02/01/88		01/21/88	3.11 { 1.06}	01/21/88	2.71 { 1.08}
					NR	04/05/88	2.86 { 1.13}	04/20/88	1.32 { 0.91}
TRITIUM	PCI/L	500	20000	02/01/88		01/21/88	112000 * { 1090 }	01/21/88	5830000 * { 7760 }
					NR	02/16/88	58000 * { 926 }	04/20/88	2780000 * { 6240 }
					NR	03/07/88	44600 * { 822 }		NR
TRITIUM	PCI/L	500	20000		NR	04/05/88	37900 * { 757 }		NR
					NR	05/05/88	36100 * { 636 }		NR
					NR	06/08/88	31800 * { 693 }		NR
U	PCI/L	0.50	600	02/01/88	3.04		NR		NR
U-CHEM	UG/L	0.73			NR	01/21/88	8.80		NR
					NR	04/05/88	6.88		NR

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E17-13	SAMPLE DATE	2-E23-1	SAMPLE DATE	2-E24-1
ALPHA	PCI/L	4	15	01/21/88	4.98 { 0.94}		NR	01/22/88	5.49 { 1 }
				02/05/88	3.58 { 0.81}		NR	05/11/88	3.78 { 0.84}
				03/07/88	3.65 { 0.84}		NR		NR
				04/05/88	4.93 { 0.95}		NR		NR
				05/05/88	4.20 { 0.87}		NR		NR
				06/07/88	4.09 { 0.87}		NR		NR
BETA	PCI/L	8	50	01/21/88	42.50 { 4.47}		NR	01/22/88	43.90 { 4.91}
				02/05/88	38.30 { 4.08}		NR	02/17/88	37.50 { 4.46}
				03/07/88	34.60 { 4.18}		NR	03/07/88	17 { 3.06}
				04/05/88	95.10 + { 6.98}		NR	04/06/88	46.60 { 4.84}
				05/05/88	112 + { 7.30}		NR	05/11/88	57.50 + { 5.50}
				06/07/88	87.90 + { 5.66}		NR	06/14/88	66.80 + { 5.86}
C 14	PCI/L				NR		NR	01/22/88	58.80 @ { 3.06}
					NR		NR	05/11/88	27.90 @ { 2.58}
CO-60	PCI/L	22.50	100	01/21/88			NR	01/22/88	
				02/05/88			NR	04/06/88	
				03/07/88			NR		NR
				04/05/88	11 { 7.30}		NR		NR
				05/05/88			NR		NR
				06/07/88			NR		NR

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E17-13	SAMPLE DATE	2-E23-1	SAMPLE DATE	2-E24-1
HNITRAT	PPB	2500	45000	01/21/88	67400 *	02/29/88	15800	01/22/88	334000 *
				02/05/88	74600 *		NR	02/17/88	322000 *
				03/07/88	58200 *		NR	03/07/88	148000 *
				04/05/88	70100 *		NR	04/06/88	190000 *
				05/05/88	56600 *		NR	05/11/88	182000 *
				06/07/88	64400 *		NR	06/14/88	270000 *
I-129DW	PCI/L	1			NR		NR	05/11/88	26.60
									{ 2.80}
RU-106	PCI/L	172.50	30	01/21/88			NR	01/22/88	
				02/05/88			NR	04/06/88	
				03/07/88			NR		NR
				04/05/88			NR		NR
				05/05/88			NR		NR
RU-106	PCI/L	172.50	30	06/07/88	55.90 *		NR		NR
					{ 49.30}				
SR 90	PCI/L	5	8	01/21/88			NR	01/22/88	14.30 *
									{ 1.91}
				02/05/88			NR		NR
				03/07/88			NR		NR
				04/05/88			NR		NR
				05/05/88			NR		NR
				06/07/88			NR		NR
TC-99	PCI/L	15	900	05/05/88	84.70		NR		NR
					{ 1.98}				
TRITIUM	PCI/L	500	20000	01/21/88	2280000 *	02/29/88	135000 *	01/22/88	7810000 *
					{ 4860 }		{ 1390 }		{ 9190 }
				02/05/88	2430000 *		NR	02/17/88	6430000 *
					{ 5910 }				{10700 }
				03/07/88	1530000 *		NR	03/07/88	4180000 *
					{ 4570 }				{ 7780 }
				04/05/88	1090000 *		NR	04/06/88	4700000 *
					{ 3930 }				{ 8220 }
				05/05/88	557000 *		NR	05/11/88	5180000 *
					{ 2410 }				{ 7380 }
				06/07/88	1560000 *		NR	06/14/88	5420000 *
					{ 4680 }				{ 8650 }

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E17-13	SAMPLE DATE	2-E23-1	SAMPLE DATE	2-E24-1
U-234	PCI/L	0.10	32	01/21/88	2.34 { 0.14}		NR		NR
				02/05/88	2.36 { 0.14}		NR		NR
				03/07/88	1.96 { 0.13}		NR		NR
				04/05/88	2.23 { 0.14}		NR		NR
				05/05/88	2.17 { 0.15}		NR		NR
				06/07/88	2.08 { 0.29}		NR		NR
U-235	PCI/L	0.10	32	01/21/88	0.09 { 0.03}		NR		NR
				02/05/88	0.08 { 0.03}		NR		NR
				03/07/88	0.04 { 0.02}		NR		NR
				04/05/88	0.09 { 0.03}		NR		NR
				05/05/88	0.09 { 0.03}		NR		NR
				06/07/88	0.07 { 0.06}		NR		NR
U-238	PCI/L	0.10	4.80	01/21/88	2.19 { 0.14}		NR		NR
U-238	PCI/L	0.10	4.80	02/05/88	2.19 { 0.13}		NR		NR
				03/07/88	1.71 { 0.12}		NR		NR
				04/05/88	2.10 { 0.14}		NR		NR
				05/05/88	2.09 { 0.14}		NR		NR
				06/07/88	2.21 { 0.30}		NR		NR

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E17-13	SAMPLE DATE	2-E23-1	SAMPLE DATE	2-E24-1
U-CHEM	UG/L	0.73		01/21/88	7.05		NR		NR
				02/05/88	5.11		NR		NR
				03/07/88	5.24		NR		NR
				04/05/88	5.45		NR		NR
				05/05/88	2.99		NR		NR
				06/07/88	4.90		NR		NR

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E24-4	SAMPLE DATE	2-E24-7	SAMPLE DATE	2-E24-8
BETA	PCI/L	8	50	01/22/88	4.84		NR	01/22/88	12
					{ 1.73}				{ 2.41}
				05/10/88	5.17		NR	05/10/88	27.30
					{ 1.80}				{ 3.76}
HNITRAT	PPB	2500	45000	01/22/88		02/29/88	29300	01/22/88	4090
				05/10/88	2750		NR	05/10/88	3220
TC-99	PCI/L	15	900		NR		NR	01/22/88	32.90
									{ 1.51}
TRITIUM	PCI/L	500	20000	01/22/88	9980	02/29/88	418000 *	01/22/88	8300
					{ 366 }		{ 2450 }		{ 341 }
				05/10/88	8430		NR	05/10/88	7570
					{ 341 }				{ 332 }
U	PCI/L	0.50	600		NR		NR	01/22/88	1.47

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E24-11	SAMPLE DATE	2-E24-12	SAMPLE DATE	2-E24-13
BETA	PCI/L	8	50	01/21/88	13.90 { 2.86}	01/22/88	36.40 { 4.19}	03/10/88	5.82 { 1.83}
				02/16/88	17.30 { 3.21}	04/06/88	809 * { 19.70}	05/12/88	6.62 { 1.96}
				03/07/88	12.20 { 2.64}		NR		NR
				04/05/88	20.50 { 3.29}		NR		NR
				05/06/88	22.30 { 3.52}		NR		NR
				06/13/88	27.10 { 3.83}		NR		NR
HNITRAT	PPB	2500	45000	01/21/88	234000 *	01/22/88	97400 *	03/10/88	
				04/05/88	174000 *	04/06/88	164000 *	05/12/88	
RU-106	PCI/L	172.50	30	01/21/88		01/22/88		03/10/88	
				04/05/88		04/06/88	547 * { 146 }		NR
SR 90	PCI/L	5	8	01/21/88	0.86 { 0.78}	01/22/88	3.81 { 1.17}	03/10/88	
				04/05/88	0.98 { 0.89}	04/06/88	4.29 { 1.28}		NR
TRITIUM	PCI/L	500	20000	01/21/88	8070000 * { 9140 }	01/22/88	2360000 * { 5060 }	03/10/88	6390 { 361 }
				04/05/88	5370000 * { 8790 }	04/06/88	161000 * { 1310 }		NR

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E25-2	SAMPLE DATE	2-E25-3	SAMPLE DATE	2-E25-6
ALPHA	PCI/L	4	15		NR		NR	01/12/88	0.68 { 0.42}
					NR		NR	02/16/88	1.13 { 0.49}
					NR		NR	03/09/88	1 { 0.48}
					NR		NR	04/06/88	0.86 { 0.46}
					NR		NR	05/06/88	0.36 { 0.33}
					NR		NR	06/13/88	0.50 { 0.36}
BETA	PCI/L	8	50	02/01/88	5.08 { 1.73}	02/01/88	5.23 { 1.73}	01/12/88	2.74 { 1.39}
					NR	05/11/88	4.50 { 1.75}	02/16/88	3.84 { 1.61}
					NR		NR	03/09/88	3.65 { 1.54}
					NR		NR	04/06/88	3.81 { 1.57}
					NR		NR	05/06/88	5.23 { 1.77}
					NR		NR	06/13/88	4.45 { 1.69}
TRITIUM	PCI/L	500	20000	02/01/88	5940 { 350 }	02/01/88	5510 { 339 }	01/12/88	4590 { 320 }
					NR		NR	02/16/88	5520 { 344 }
					NR		NR	03/09/88	7150 { 379 }
					NR		NR	04/06/88	6390 { 366 }
					NR		NR	05/06/88	6620 { 313 }
					NR		NR	06/13/88	6620 { 360 }

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E25-9	SAMPLE DATE	2-E25-10	SAMPLE DATE	2-E25-11
ALPHA	PCI/L	4	15	01/12/88	0.67	02/22/88	0.92	01/12/88	1.23
					{ 0.39}		{ 0.47}		{ 0.50}
				02/16/88	0.85		NR	02/16/88	0.74
					{ 0.44}				{ 0.43}
				03/09/88	0.84		NR	03/09/88	1.07
					{ 0.45}				{ 0.50}
				04/06/88	0.52		NR	04/06/88	0.80
					{ 0.36}				{ 0.41}
				05/06/88	0.46		NR	05/06/88	0.88
					{ 0.37}				{ 0.46}
				06/21/88	0.50		NR	06/13/88	1.20
					{ 0.36}				{ 0.50}
BETA	PCI/L	8	50	01/12/88	3.98	02/22/88	4.65	01/12/88	11.50
					{ 1.58}		{ 1.70}		{ 2.42}
				02/16/88	3.20		NR	02/16/88	14.40
					{ 1.50}				{ 2.70}
				03/09/88	5.35		NR	03/09/88	10.30
					{ 1.74}				{ 2.31}
				04/06/88	5.36		NR	04/06/88	13.50
					{ 1.75}				{ 2.64}
				05/06/88	4.44		NR	05/06/88	14.60
					{ 1.75}				{ 2.80}
				06/21/88	4.30		NR	06/13/88	12.30
					{ 1.66}				{ 2.52}
CO-60	PCI/L	22.50	100	01/12/88		02/22/88		01/12/88	
				04/06/88			NR	02/16/88	
					NR		NR	03/09/88	
					NR		NR	04/06/88	
					NR		NR	05/06/88	8.42
									{ 5.24}
					NR		NR	06/13/88	
HNITRAT	PPB	2500	45000	01/12/88			NR	01/12/88	42700
				04/06/88			NR	02/16/88	32000
					NR		NR	03/09/88	40200
					NR		NR	04/06/88	45900 *
					NR		NR	05/06/88	46900 *
					NR		NR	06/13/88	33100

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E25-9	SAMPLE DATE	2-E25-10	SAMPLE DATE	2-E25-11
RU-106	PCI/L	172.50	30	01/12/88		02/22/88		01/12/88	
				04/06/88			NR	02/16/88	59.70 *
									{ 47.70}
					NR		NR	03/09/88	
					NR		NR	04/06/88	
					NR		NR	05/06/88	47.80 *
									{ 47 }
					NR		NR	06/13/88	
TRITIUM	PCI/L	500	20000	01/12/88	3090		NR	01/12/88	536000 *
					{ 280 }				{ 2730 }
				04/06/88	3210		NR	02/16/88	483000 *
					{ 282 }				{ 2660 }
TRITIUM	PCI/L	500	20000		NR		NR	03/09/88	534000 *
									{ 2770 }
					NR		NR	04/06/88	652000 *
									{ 2620 }
					NR		NR	05/06/88	694000 *
									{ 2760 }
					NR		NR	06/13/88	498000 *
									{ 2620 }
U-CHEM	UG/L	0.73		01/12/88		02/22/88	2.04		NR
				04/06/88	0.75		NR		NR

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E25-13	SAMPLE DATE	2-E25-17	SAMPLE DATE	2-E26-1
ALPHA	PCI/L	4	15		NR	01/12/88	0.91		NR
							{ 0.46}		
					NR	02/16/88	0.60		NR
							{ 0.38}		
					NR	03/09/88	1.10		NR
							{ 0.47}		
					NR	04/06/88	1.08		NR
							{ 0.49}		
					NR	05/06/88	1.17		NR
							{ 0.49}		
					NR	06/13/88	0.74		NR
							{ 0.41}		
BETA	PCI/L	8	50	03/09/88	8.74	01/12/88	11.40		NR
					{ 2.51}		{ 2.37}		
				05/11/88	6.83	02/16/88	10.10		NR
					{ 2.27}		{ 2.26}		
					NR	03/09/88	10.70		NR
							{ 2.31}		
					NR	04/06/88	9.13		NR
							{ 2.16}		
					NR	05/06/88	7.92		NR
							{ 2.10}		
					NR	06/13/88	9.68		NR
							{ 2.25}		
HNITRAT	PPB	2500	45000	03/09/88	96400 *	01/12/88	13800	03/01/88	
				05/11/88	68200 *	02/16/88	19300		NR
					NR	03/09/88	17500		NR
					NR	04/06/88	10400		NR
					NR	05/06/88	9650		NR
					NR	06/13/88	11900		NR
TRITIUM	PCI/L	500	20000		NR	01/12/88	380000 *	03/01/88	16700
							{ 2300 }		{ 523 }
					NR	02/16/88	427000 *		NR
							{ 2460 }		
					NR	03/09/88	353000 *		NR
							{ 2250 }		

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E25-13	SAMPLE DATE	2-E25-17	SAMPLE DATE	2-E26-1
					NR	04/06/88	312000 * { 1820 }		NR
					NR	05/06/88	223000 * { 1580 }		NR
					NR	06/13/88	253000 * { 1890 }		NR

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E26-2	SAMPLE DATE	2-E26-3	SAMPLE DATE	2-E26-4
BETA	PCI/L	8	50	02/01/88	4.58 { 1.68}		NR	03/01/88	10.60 { 2.23}
				05/11/88	6.99 { 2.03}		NR	05/11/88	5.49 { 1.82}
TRITIUM	PCI/L	500	20000	02/01/88	2880 { 284 }	02/01/88	4050 { 325 }	03/01/88	42800 * { 806 }
				05/11/88	2380 { 264 }		NR	05/11/88	30200 * { 589 }

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E26-6	SAMPLE DATE	2-E26-8	SAMPLE DATE	2-E27-1
ALPHA	PCI/L	4	15	03/01/88	0.86 { 0.46}	02/22/88			NR
				05/10/88	0.65 { 0.39}	05/11/88	0.49 { 0.35}		NR
BETA	PCI/L	8	50	03/01/88	3.42 { 1.48}	02/22/88	10.60 { 2.24}		NR
				05/10/88	3.34 { 1.56}	05/11/88	9.34 { 2.25}		NR
HNITRAT	PPB	2500	45000	03/01/88		02/22/88		03/01/88	3140
				05/10/88			NR		NR
TRITIUM	PCI/L	500	20000	03/01/88	3290 { 290 }	02/22/88		03/01/88	1470 { 241 }
				05/10/88	4130 { 307 }		NR		NR
U	PCI/L	0.50	600		NR		NR	03/01/88	0.94

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E27-5	SAMPLE DATE	2-E27-7	SAMPLE DATE	2-E28-1
ALPHA	PCI/L	4	15		NR	03/01/88	1.05 { 0.49}		NR
BETA	PCI/L	8	50	02/29/88	19.10 { 3.01}	03/01/88	4.78 { 1.64}		NR
HNITRAT	PPB	2500	45000	02/29/88	5370	03/01/88		02/28/88	5900
TC-99	PCI/L	15	900	02/29/88	101 { 2.11}		NR		NR
TRITIUM	PCI/L	500	20000	02/29/88	4350 { 315 }		NR	02/28/88	7120 { 373 }
U	PCI/L	0.50	600	02/29/88	1.50		NR		NR

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E28-5	SAMPLE DATE	2-E28-9	SAMPLE DATE	2-E28-12
ALPHA	PCI/L	4	15		NR	02/22/88	5.85	06/13/88	13.80
							{ 1.05}		{ 1.59}
					NR	05/10/88	6.10		NR
							{ 1.02}		
BETA	PCI/L	8	50		NR	02/22/88	7.38	01/26/88	14.70
							{ 2.16}		{ 3.04}
					NR	05/10/88	7.10	02/16/88	13.70
							{ 2.20}		{ 2.87}
					NR		NR	03/09/88	16.90
									{ 3.19}
					NR		NR	04/06/88	16.70
									{ 3.17}
					NR		NR	05/06/88	22.60
									{ 3.67}
					NR		NR	06/13/88	20.10
									{ 3.50}
HNITRAT	PPB	2500	45000	02/29/88	3100		NR		NR
TRITIUM	PCI/L	500	20000	02/29/88	2180		NR	01/26/88	277000 *
					{ 265 }				{ 1740 }
					NR		NR	02/16/88	110000 *
									{ 1260 }
					NR		NR	03/09/88	119000 *
									{ 1320 }
					NR		NR	04/06/88	136000 *
									{ 1210 }
					NR		NR	05/06/88	110000 *
									{ 1100 }
					NR		NR	06/13/88	141000 *
									{ 1410 }
U-CHEM	UG/L	0.73			NR	02/22/88	9.07	06/13/88	20.20
					NR	05/10/88	4.31		NR

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E28-16	SAMPLE DATE	2-E28-17	SAMPLE DATE	2-E28-19
ALPHA	PCI/L	4	15	03/01/88	7.17	02/22/88	10.40	02/22/88	8.33
					{ 1.11}		{ 1.34}		{ 1.18}
					NR	06/03/88	8.36	05/10/88	7.90
							{ 1.23}		{ 1.19}
BETA	PCI/L	8	50	03/01/88	8.29		NR	02/22/88	9.59
					{ 2.18}				{ 2.65}
					NR		NR	05/10/88	8.59
									{ 2.35}
U-CHEM	UG/L	0.73		03/01/88	9.22	02/22/88	11.10	02/22/88	8.73
					NR	06/03/88	12.40	05/10/88	6.52

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E28-24	SAMPLE DATE	2-E28-25	SAMPLE DATE	2-E33-7
ALPHA	PCI/L	4	15	02/29/88	0.69	02/29/88	8.73		NR
					{ 0.42}		{ 1.23}		
				06/03/88		05/12/88	15		NR
							{ 1.58}		
BETA	PCI/L	8	50	02/29/88	314 *	02/29/88	7940 *	02/28/88	723 *
					{ 12.80}		{ 163 }		{ 26.40}
				06/03/88	313 *	05/12/88	10100 *	05/12/88	858 *
					{ 12.70}		{ 184 }		{ 25.50}
CO-60	PCI/L	22.50	100	02/29/88		02/29/88		02/28/88	53.10
									{ 17.20}
				06/03/88		05/12/88		05/12/88	28.40
									{ 19.20}
CS-137	PCI/L	20	200	02/29/88		02/29/88	55.80	02/28/88	
							{ 14.10}		
				06/03/88		05/12/88	90.10	05/12/88	6.33
							{ 18.60}		{ 6.23}
HNITRAT	PPB	2500	45000		NR		NR	02/28/88	103000 *
PU-238	PCI/L	17	5000	02/29/88		02/29/88	0.02		NR
							{ 0.02}		
				06/03/88		05/12/88			NR
PU39-40	PCI/L	17	5000	02/29/88	0.08	02/29/88	3.96		NR
					{ 0.03}		{ 0.19}		
				06/03/88	0.09	05/12/88	1.10		NR
					{ 0.04}		{ 0.18}		
SR 90	PCI/L	5	8	02/29/88	172 *	02/29/88	4530 *	02/28/88	
					{ 6.84}		{ 152 }		
				06/03/88	164 *	05/12/88	6270 *	05/12/88	
					{ 6.84}		{ 182 }		
TC-99	PCI/L	15	900		NR		NR	02/28/88	3630 *
									{ 11 }
TRITIUM	PCI/L	500	20000		NR		NR	02/28/88	7770
									{ 388 }
U	PCI/L	0.50	600		NR		NR	02/28/88	1.50
U-234	PCI/L	0.10	32	02/29/88	0.08	02/29/88	6.73		NR
					{ 0.03}		{ 0.23}		
U-235	PCI/L	0.10	32	02/29/88		02/29/88	0.32		NR
							{ 0.05}		

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E28-24	SAMPLE DATE	2-E28-25	SAMPLE DATE	2-E33-7
U-238	PCI/L	0.10	4.80	02/29/88	0.08	02/29/88	6.69 *		NR
					{ 0.03}		{ 0.23}		
U-CHEM	UG/L	0.73		02/29/88		02/29/88	8.03		NR
				06/03/88		05/12/88	7.66		NR

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E33-8	SAMPLE DATE	2-E33-9	SAMPLE DATE	2-E33-12
BETA	PCI/L	8	50	02/28/88	55.60 *	05/12/88	163 *	02/28/88	49.30
					{ 4.89}		{ 8.48}		{ 4.25}
CO-60	PCI/L	22.50	100	02/28/88		05/12/88		02/28/88	7.73
									{ 7.55}
CS-137	PCI/L	20	200	02/28/88		05/12/88	7.64	02/28/88	
							{ 5.27}		
HNITRAT	PPB	2500	45000	02/28/88	7780	05/12/88	8730	02/28/88	
TC-99	PCI/L	15	900	02/28/88	287		NR	02/28/88	132
					{ 3.19}				{ 2.33}
TRITIUM	PCI/L	500	20000	02/28/88	4990	05/12/88	4580	02/28/88	431
					{ 330 }		{ 318 }		{ 214 }
U	PCI/L	0.50	600	02/28/88	2.44		NR	02/28/88	

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E33-14	SAMPLE DATE	2-E33-18	SAMPLE DATE	2-E33-20
BETA	PCI/L	8	50		NR	03/01/88	10.40	03/01/88	15.10
							{ 2.29}		{ 2.69}
					NR		NR	05/12/88	9.02
									{ 2.20}
HNITRAT	PPB	2500	45000	02/28/88	15400	03/01/88	13700	03/01/88	4430
					NR		NR	05/12/88	4290
SR 90	PCI/L	5	8	02/28/88		03/01/88		03/01/88	2.62
									{ 1.03}
TC-99	PCI/L	15	900		NR	03/01/88	32.30	03/01/88	30.20
							{ 1.52}		{ 1.49}
TRITIUM	PCI/L	500	20000	02/28/88		03/01/88	4920	03/01/88	5070
							{ 326 }		{ 330 }
U	PCI/L	0.50	600	02/28/88	1.15	03/01/88	1.63	03/01/88	2.16

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E33-21	SAMPLE DATE	2-E33-24	SAMPLE DATE	2-E33-26
BETA	PCI/L	8	50	02/28/88	13.30	02/28/88	272 *	02/22/88	233 *
					{ 2.57}		{ 10.70}		{ 10.20}
				05/12/88	18.50		NR		NR
					{ 3.01}				
CO-60	PCI/L	22.50	100	02/28/88		02/28/88	9.30	02/22/88	11.30
							{ 7.83}		{ 7.12}
				05/12/88			NR		NR
HNITRAT	PPB	2500	45000	02/28/88	3290	02/28/88	13500		NR
TC-99	PCI/L	15	900	02/28/88	57.70	02/28/88	1550 *		NR
					{ 1.76}		{ 7.02}		
TRITIUM	PCI/L	500	20000	02/28/88	2280	02/28/88	16100		NR
					{ 268 }		{ 517 }		
U	PCI/L	0.50	600	02/28/88	1.35	02/28/88	1.90		NR

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-E33-27	SAMPLE DATE	2-W6-1	SAMPLE DATE	2-W10-1
BETA	PCI/L	8	50		NR		NR	02/29/88	45.60
									{ 5.20}
					NR		NR	05/19/88	49.30
									{ 5.43}
CO-60	PCI/L	22.50	100		NR	02/25/88		02/29/88	
					NR		NR	05/19/88	9.48
									{ 9 }
HNITRAT	PPB	2500	45000		NR	02/25/88	224000 *	02/01/88	550000 *
TC-99	PCI/L	15	900		NR		NR	02/01/88	514
									{ 4.16}
TRITIUM	PCI/L	500	20000	03/10/88	4700	02/25/88	59600 *	02/01/88	54800 *
					{ 325 }		{ 947 }		{ 902 }
U	PCI/L	0.50	600	03/10/88	1.59		NR	02/01/88	2.18

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W10-3	SAMPLE DATE	2-W10-5	SAMPLE DATE	2-W10-8
ALPHA	PCI/L	4	15	02/29/88	12.90		NR	02/28/88	1.41
					{ 1.54}				{ 0.55}
				05/19/88	12.50		NR		NR
					{ 1.44}				
BETA	PCI/L	8	50	02/29/88	92.90 *		NR	02/28/88	2.79
					{ 11.70}				{ 1.55}
				05/19/88	87.20 *		NR		NR
					{ 11.20}				
CO-60	PCI/L	22.50	100	02/29/88			NR	02/28/88	
				05/19/88	9.04		NR		NR
					{ 6.39}				
HNITRAT	PPB	2500	45000	02/29/88	926000 *	02/25/88	104000 *	02/28/88	2720
TRITIUM	PCI/L	500	20000	02/29/88	118000 *	02/25/88	9810	02/28/88	2730
					{ 1320 }		{ 419 }		{ 282 }
U	PCI/L	0.50	600	02/29/88	14.80		NR	02/28/88	1.04

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W11-3	SAMPLE DATE	2-W11-9	SAMPLE DATE	2-W11-11
ALPHA	PCI/L	4	15		NR		NR	02/25/88	3.16
									{ 0.79}
BETA	PCI/L	8	50		NR		NR	02/25/88	54.40 +
									{ 5.31}
HNITRAT	PPB	2500	45000	02/25/88	85900 *	02/25/88	56400 *		NR
TRITIUM	PCI/L	500	20000	02/25/88		02/25/88	2740		NR
							{ 277 }		
U	PCI/L	0.50	600	02/25/88	0.72	02/25/88	1.08		NR

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W11-15	SAMPLE DATE	2-W11-18	SAMPLE DATE	2-W11-23
ALPHA	PCI/L	4	15		NR		NR	02/28/88	1.29
									{ 0.53}
BETA	PCI/L	8	50	02/28/88	18	02/25/88	70.10 +	02/28/88	13.30
					{ 3.11}		{ 6.11}		{ 3.26}
				05/16/88	19.70		NR		NR
					{ 3.21}				
HNITRAT	PPB	2500	45000		NR		NR	02/28/88	113000 *
TC-99	PCI/L	15	900		NR	02/25/88	558		NR
							{ 4.34}		

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W11-24	SAMPLE DATE	2-W12-1	SAMPLE DATE	2-W15-2
ALPHA	PCI/L	4	15	02/28/88	0.65		NR	02/29/88	0.79
					{ 0.40}				{ 0.44}
					NR		NR	05/19/88	0.40
									{ 0.33}
BETA	PCI/L	8	50	02/28/88	5.99		NR	02/29/88	3.41
					{ 2.30}				{ 1.47}
					NR		NR	05/19/88	6.82
									{ 1.99}
HNITRAT	PPB	2500	45000	02/28/88	163000 *	02/25/88	377000 *	02/29/88	3650
TRITIUM	PCI/L	500	20000		NR	02/25/88	5650	02/29/88	1190

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W15-3	SAMPLE DATE	2-W15-6	SAMPLE DATE	2-W18-3
ALPHA	PCI/L	4	15	03/03/88	1.69	02/26/88	0.69		NR
					{ 0.59}		{ 0.40}		
				05/19/88	1.61	05/18/88	0.99		NR
					{ 0.66}		{ 0.47}		
BETA	PCI/L	8	50	03/03/88	91.50 *	02/26/88	4.46		NR
					{ 6.93}		{ 1.79}		
				05/19/88	128 *	05/16/88	4.04		NR
					{ 8.93}		{ 1.72}		
HNITRAT	PPB	2500	45000	03/03/88	136000 *	02/26/88	9320	02/22/88	115000 *
				05/19/88	132000 *	05/18/88	9080		NR
RU-106	PCI/L	172.50	30	03/03/88	47.30 *		NR		NR
					{ 44.30}				
TC-99	PCI/L	15	900		NR	02/26/88		02/22/88	20.40
									{ 1.37}

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W18-7	SAMPLE DATE	2-W18-20	SAMPLE DATE	2-W19-1
ALPHA	PCI/L	4	15	02/26/88		01/15/88	2.41		NR
							{ 0.70}		
				05/18/88	0.48	02/17/88			NR
					{ 0.39}				
					NR	04/13/88	1.36		NR
							{ 0.52}		
					NR	06/09/88	0.97		NR
							{ 0.48}		
BETA	PCI/L	8	50	02/26/88	3.16	01/15/88	3.21		NR
					{ 1.54}		{ 1.42}		
				05/18/88	5.24	02/17/88			NR
					{ 1.85}				
					NR	04/13/88	3.73		NR
							{ 1.54}		
					NR	06/09/88	3.95		NR
							{ 1.57}		
TC-99	PCI/L	15	900		NR		NR	02/26/88	24.40
									{ 1.44}
TRITIUM	PCI/L	500	20000		NR	01/15/88	521		NR
							{ 211 }		
					NR	04/13/88			NR

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W19-2	SAMPLE DATE	2-W19-5	SAMPLE DATE	2-W19-12
ALPHA	PCI/L	4	15	01/11/88	91.70 + { 4 }		NR	02/26/88	2.77 { 0.71}
				02/10/88	83.60 + { 3.87}		NR		NR
				03/18/88	97 + { 4.05}		NR		NR
				04/11/88	75.10 + { 3.67}		NR		NR
				05/06/88	103 + { 4.24}		NR		NR
				06/21/88	114 + { 4.52}		NR		NR
BETA	PCI/L	8	50	01/11/88	117 + { 7.99}	03/01/88	27.30 { 3.47}	02/26/88	108 + { 5.83}
				02/10/88	129 + { 8.41}		NR		NR
				03/18/88	113 + { 7.87}		NR		NR
				04/11/88	111 + { 7.70}		NR		NR
				05/06/88	138 + { 8.83}		NR		NR
				06/21/88	149 + { 9.02}		NR		NR
HNITRAT	PPB	2500	45000	01/11/88	293000 *	03/01/88	4220	02/26/88	7100
				02/10/88	222000 *		NR		NR
				03/18/88	340000 *		NR		NR
				04/11/88	323000 *		NR		NR
				05/06/88	270000 *		NR		NR
				06/21/88	261000 *		NR		NR
SR 90	PCI/L	5	8	01/11/88	8.24 * { 1.65}		NR	02/26/88	
				04/11/88	5.67 { 1.46}		NR		NR
TC-99	PCI/L	15	900		NR	03/01/88	117 { 2.24}	02/26/88	701 { 4.62}

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W19-2	SAMPLE DATE	2-W19-5	SAMPLE DATE	2-W19-12
TRITIUM	PCI/L	500	20000	01/11/88	68300 * { 986 }	03/01/88		02/26/88	
				04/11/88	75100 * { 898 }		NR		NR
U	PCI/L	0.50	600		NR	03/01/88	6.70		NR
U-CHEM	UG/L	0.73		01/11/88	93.80		NR	02/26/88	3.33
				02/10/88	103		NR		NR
				03/18/88	107		NR		NR
				04/11/88	86.30		NR		NR
				05/06/88	63.70		NR		NR
				06/21/88	138		NR		NR

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W19-14	SAMPLE DATE	2-W19-17	SAMPLE DATE	2-W19-19
ALPHA	PCI/L	4	15	01/11/88	3.31	01/18/88	36.10 +	01/11/88	520 +
					{ 0.79}		{ 5.79}		{ 21.30}
				04/20/88	2.39	04/20/88	17.10 +	02/10/88	543 +
					{ 0.67}		{ 5.51}		{ 17.30}
					NR		NR	03/10/88	594 +
									{ 18.50}
					NR		NR	04/11/88	542 +
									{ 17.10}
					NR		NR	05/06/88	453 +
									{ 15.60}
					NR		NR	05/17/88	507 +
									{ 9.40}
					NR		NR	06/21/88	530 +
BETA	PCI/L	8	50	01/11/88	11.50	01/18/88	63.60 +	01/11/88	{ 16.70}
					{ 2.43}		{ 11.30}		889 +
				04/20/88	6.32	04/20/88	45.70	02/10/88	{ 35.50}
					{ 1.96}		{ 10 }		900 +
					NR		NR	03/10/88	{ 34.60}
									1050 +
					NR		NR	04/11/88	{ 37.80}
									886 +
					NR		NR	05/06/88	{ 34.50}
									924 +
					NR		NR	05/17/88	{ 35.70}
									533 +
					NR		NR	06/21/88	{ 18.10}
									1070 +
CO-60	PCI/L	22.50	100	01/11/88		01/18/88		01/11/88	{ 38.10}
									5.07
				04/20/88		04/20/88		04/11/88	{ 4.53}
									3.38
					NR		NR	05/17/88	{ 2.76}
HNITRAT	PPB	2500	45000	01/11/88	10400	01/18/88	9870	01/11/88	1390000 *
				04/20/88	3540	04/20/88	9660	02/10/88	1220000 *
					NR		NR	03/10/88	1400000 *

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W19-14	SAMPLE DATE	2-W19-17	SAMPLE DATE	2-W19-19
					NR		NR	04/11/88	1310000 *
					NR		NR	05/06/88	1310000 *
					NR		NR	06/21/88	1380000 *
RU-106	PCI/L	172.50	30	01/11/88		01/18/88		01/11/88	
				04/20/88		04/20/88		04/11/88	37.80 *
									{ 34.40}
					NR		NR	05/17/88	
TC-99	PCI/L	15	900		NR	01/18/88	178	01/11/88	8530 *
							{ 4.02}		{ 16.70}
					NR	04/20/88	168	02/10/88	9860 *
							{ 3.95}		{ 24.60}
					NR		NR	03/10/88	9480 *
									{ 25.90}

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W19-14	SAMPLE DATE	2-W19-17	SAMPLE DATE	2-W19-19
TC-99	PCI/L	15	900		NR		NR	04/11/88	10200 * { 18.30}
					NR		NR	05/06/88	11100 * { 26.30}
					NR		NR	06/21/88	10900 * { 26.40}
TRITIUM	PCI/L	500	20000	01/11/88		01/18/88		01/11/88	1670 { 249 }
				04/20/88		04/20/88		02/10/88	1910 { 260 }
					NR		NR	03/10/88	1500 { 248 }
					NR		NR	04/11/88	1480 { 203 }
					NR		NR	05/06/88	1620 { 207 }
					NR		NR	05/17/88	1730 { 205 }
					NR		NR	06/21/88	1530 { 203 }
U-234	PCI/L	0.10	32		NR	01/18/88	18.30 { 0.54}	01/11/88	243 * { 2.01}
					NR		NR	04/11/88	229 * { 5.79}
U-235	PCI/L	0.10	32		NR	01/18/88	0.89 { 0.12}	01/11/88	14.10 { 0.48}
					NR		NR	04/11/88	13.70 { 1.43}
U-238	PCI/L	0.10	4.80		NR	01/18/88	17.90 * { 0.53}	01/11/88	254 * { 2.05}
					NR		NR	04/11/88	233 * { 5.84}
U-CHEM	UG/L	0.73		01/11/88	3.20	01/18/88	49.80	01/11/88	506
				04/20/88	3.34	04/20/88	20.10	02/10/88	733
					NR		NR	03/10/88	733
					NR		NR	04/11/88	670

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W19-14	SAMPLE DATE	2-W19-17	SAMPLE DATE	2-W19-19
					NR		NR	05/06/88	602
					NR		NR	06/21/88	657

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W19-23	SAMPLE DATE	2-W19-25	SAMPLE DATE	2-W19-26
ALPHA	PCI/L	4	15	01/11/88	154 + { 11.80}	01/11/88	282 + { 15.50}	01/11/88	191 + { 13.10}
				02/10/88	156 + { 12 }	02/10/88	285 + { 17.30}	02/10/88	189 + { 14.10}
				03/10/88	172 + { 13.40}	05/06/88	161 + { 12.10}	03/21/88	255 + { 16.60}
				04/11/88	142 + { 12 }	06/14/88	206 + { 13.90}	04/11/88	251 + { 16.60}
				05/06/88	132 + { 11 }		NR	05/06/88	235 + { 16.20}
				06/15/88	126 + { 10.90}		NR		NR
BETA	PCI/L	8	50	01/11/88	382 + { 38.60}	01/11/88	3510 + { 116 }	01/11/88	462 + { 43.80}
				02/10/88	305 + { 34.70}	02/10/88	3350 + { 111 }	02/10/88	478 + { 44.20}
				03/10/88	386 + { 38.40}	05/06/88	3690 + { 120 }	03/21/88	406 + { 40.50}
				04/11/88	305 + { 34.20}	06/14/88	3680 + { 118 }	04/11/88	318 + { 36.20}
				05/06/88	346 + { 36.90}		NR	05/06/88	455 + { 43.20}
				06/15/88	347 + { 36.40}		NR		NR
HNITRAT	PPB	2500	45000	01/11/88	487000 *	01/11/88	746000 *	01/11/88	1040000 *
				02/10/88	389000 *	02/10/88	588000 *	02/10/88	850000 *
				03/10/88	426000 *	05/06/88	721000 *	03/21/88	1120000 *
				04/11/88	419000 *	06/14/88	747000 *	04/11/88	1070000 *
				05/06/88	437000 *		NR	05/06/88	1110000 *
				06/15/88	453000 *		NR		NR
TC-99	PCI/L	15	900	01/11/88	1300 + { 9.52}	01/11/88	15500 + { 31.70}	01/11/88	1040 + { 5.82}
				02/10/88	1470 + { 9.88}	02/10/88	17200 + { 33 }	02/10/88	2080 + { 11.70}
				03/10/88	1280 + { 9 }	05/06/88	17400 + { 33.50}	03/21/88	2100 + { 11.80}

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W19-23	SAMPLE DATE	2-W19-25	SAMPLE DATE	2-W19-26
				04/11/88	1200 * { 8.94}	06/14/88	16500 * { 33 }	04/11/88	2140 * { 11.90}
				05/06/88	1390 * { 9.62}		NR	05/06/88	2290 * { 12.20}
				06/15/88	1390 * { 9.77}		NR		NR
TRITIUM	PCI/L	500	20000	01/11/88	955 { 228 }	01/11/88	1390 { 241 }	01/11/88	1200 { 235 }
				02/10/88	558 { 219 }	02/10/88	1350 { 248 }	02/10/88	1320 { 247 }
				03/10/88	546 { 223 }	05/06/88	2110 { 221 }	03/21/88	1370 { 239 }
TRITIUM	PCI/L	500	20000	04/11/88	693 { 182 }	06/14/88	1910 { 252 }	04/11/88	1520 { 206 }
				05/06/88	1020 { 194 }		NR	05/06/88	1480 { 207 }
				06/15/88	879 { 223 }		NR		NR
U-234	PCI/L	0.10	32	01/11/88	74.50 * { 2.55}	01/11/88	134 * { 3.54}	01/11/88	97.40 * { 2.80}
				02/10/88	73.70 * { 2.44}	02/10/88	121 * { 3.14}	02/10/88	83.60 * { 2.55}
				03/10/88	75.30 * { 2.51}	05/06/88	112 * { 2.91}	03/21/88	100 * { 2.84}
				04/11/88	68 * { 2.30}	06/14/88	112 * { 2.90}	04/11/88	97.60 * { 2.70}
				05/06/88	75.80 * { 2.71}		NR	05/06/88	112 * { 3.66}
				06/15/88	70.60 * { 2.28}		NR		NR
U-235	PCI/L	0.10	32	01/11/88	5.87 { 0.72}	01/11/88	8.05 { 0.87}	01/11/88	4.18 { 0.58}
				02/10/88	2.76 { 0.47}	02/10/88	7.45 { 0.78}	02/10/88	3.53 { 0.52}
				03/10/88	5.92 { 0.71}	05/06/88	6.57 { 0.71}	03/21/88	5.24 { 0.65}

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W19-23	SAMPLE DATE	2-W19-25	SAMPLE DATE	2-W19-26
				04/11/88	3.06	06/14/88	6.46	04/11/88	5.30
					{ 0.49}		{ 0.70}		{ 0.63}
				05/06/88	5.52		NR	05/06/88	6.66
					{ 0.74}				{ 0.90}
				06/15/88	3.74		NR		NR
					{ 0.54}				
U-238	PCI/L	0.10	4.80	01/11/88	78.30 *	01/11/88	138 *	01/11/88	97.10 *
					{ 2.61}		{ 3.59}		{ 2.80}
				02/10/88	73.90 *	02/10/88	124 *	02/10/88	82.80 *
					{ 2.44}		{ 3.17}		{ 2.53}
				03/10/88	76.50 *	05/06/88	112 *	03/21/88	99.70 *
					{ 2.53}		{ 2.90}		{ 2.82}
				04/11/88	64.40 *	06/14/88	114 *	04/11/88	101 *
					{ 2.24}		{ 2.92}		{ 2.74}
				05/06/88	75.50 *		NR	05/06/88	111 *
					{ 2.70}				{ 3.66}
				06/15/88	69.70 *		NR		NR
					{ 2.27}				
U-CHEM	UG/L	0.73		01/11/88	203	01/11/88	390	01/11/88	258
				02/10/88	235	02/10/88	353	02/10/88	323
				03/10/88	174	05/06/88	298	03/21/88	298
				04/11/88	218	06/14/88	309	04/11/88	285
				05/06/88	194		NR	05/06/88	258
				06/15/88	220		NR		NR

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W19-27	SAMPLE DATE	2-W21-1	SAMPLE DATE	2-W22-2
ALPHA	PCI/L	4	15	01/11/88	7.45 { 1.18}		NR	03/01/88	5.24 { 0.99}
				05/18/88	7.04 { 1.14}		NR	05/17/88	6.17 { 1.04}
BETA	PCI/L	8	50	01/11/88	13.60 { 2.54}		NR	03/01/88	20.50 { 3.05}
				05/18/88	10.40 { 2.30}		NR	05/17/88	20.20 { 3.06}
CS-137	PCI/L	20	200	01/11/88			NR	03/01/88	7.43 { 6.25}
				05/18/88			NR	05/17/88	
HNITRAT	PPB	2500	45000	01/11/88	2580	02/22/88	40700	03/01/88	3910
				05/18/88			NR	05/17/88	5390
SR 90	PCI/L	5	8	01/11/88			NR	03/01/88	1.89 { 0.94}
				05/18/88			NR	05/17/88	1.39 { 0.97}
TRITIUM	PCI/L	500	20000	01/11/88		02/22/88	90400 * { 1140 }	03/01/88	11900 { 455 }
				05/18/88			NR	05/17/88	8400 { 334 }
U	PCI/L	0.50	600		NR	02/22/88	1.47	03/01/88	4.57
U-234	PCI/L	0.10	32	01/11/88	3.98 { 0.17}		NR		NR
				05/18/88	4.26 { 0.20}		NR		NR
U-235	PCI/L	0.10	32	01/11/88	0.18 { 0.04}		NR		NR
				05/18/88	0.15 { 0.04}		NR		NR
U-238	PCI/L	0.10	4.80	01/11/88	3.63 { 0.17}		NR		NR
				05/18/88	3.95 { 0.19}		NR		NR
U-CHEM	UG/L	0.73		01/11/88	11.40		NR		NR
				05/18/88	9		NR		NR

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W22-7	SAMPLE DATE	2-W22-9	SAMPLE DATE	2-W22-10
ALPHA	PCI/L	4	15		NR		NR	02/28/88	
					NR		NR	05/17/88	0.47 { 0.35}
BETA	PCI/L	8	50		NR		NR	02/28/88	41.80 { 4.12}
					NR		NR	05/17/88	55.30 { 4.85}
HNITRAT	PPB	2500	45000	02/22/88		02/22/88	5380		NR
SR 90	PCI/L	5	8	02/22/88		02/22/88		02/28/88	25.70 { 2.59}
					NR		NR	05/17/88	20.40 { 2.48}
TRITIUM	PCI/L	500	20000	02/22/88	364000 * { 2290 }	02/22/88	7560000 * {12600 }	02/28/88	121000 * { 1320 }
U	PCI/L	0.50	600	02/22/88	0.73	02/22/88	4.19	02/28/88	

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W22-12	SAMPLE DATE	2-W22-18	SAMPLE DATE	2-W22-21
ALPHA	PCI/L	4	15		NR	03/01/88	1.02	02/22/88	13.60
							{ 0.49}		{ 1.55}
					NR	05/17/88	1.24		NR
							{ 0.52}		
BETA	PCI/L	8	50	02/22/88	7.44	03/01/88	14	02/22/88	170 *
					{ 2.07}		{ 2.56}		{ 8.56}
					NR	05/17/88	14.30		NR
							{ 2.61}		
CS-137	PCI/L	20	200	02/22/88		03/01/88	4.56	02/22/88	
							{ 4.19}		
					NR	05/17/88			NR
HNITRAT	PPB	2500	45000	02/22/88	2770		NR	02/22/88	35300
TC-99	PCI/L	15	900		NR	03/01/88	69.40		NR
							{ 1.88}		
TRITIUM	PCI/L	500	20000	02/22/88	25200 *		NR		NR
					{ 631 }				
U	PCI/L	0.50	600	02/22/88	1.04		NR		NR

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W22-26	SAMPLE DATE	2-W23-1	SAMPLE DATE	2-W23-2
BETA	PCI/L	8	50	03/01/88	18.80	03/01/88	24.80	01/18/88	1180 *
					{ 2.93}		{ 3.41}		{ 45.10}
					NR	05/19/88	20.80	02/17/88	715 *
							{ 3.09}		{ 17.60}
					NR		NR	03/21/88	1070 *
									{ 43 }
					NR		NR	04/14/88	1090 *
									{ 43.60}
					NR		NR	05/09/88	928 *
									{ 40.40}
					NR		NR	06/14/88	741 *
									{ 36.10}
HNITRAT	PPB	2500	45000	03/01/88	13500	03/01/88	3290	01/18/88	30000
					NR	05/19/88	2720	04/14/88	27700
TC-99	PCI/L	15	900		NR		NR	01/18/88	4850 *
									{ 12.40}
					NR		NR	02/17/88	4460 *
									{ 11.90}
					NR		NR	03/21/88	4550 *
									{ 12 }
					NR		NR	04/14/88	4110 *
									{ 11.30}
					NR		NR	05/09/88	3400 *
									{ 10.60}
					NR		NR	06/14/88	2930 *
									{ 9.68}
TRITIUM	PCI/L	500	20000	03/01/88	86500 *	03/01/88			NR
					{ 1130 }				
U	PCI/L	0.50	600	03/01/88	3.90	03/01/88	6.28	01/18/88	4.76
					NR		NR	01/18/88	5.92

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W23-3	SAMPLE DATE	2-W23-4	SAMPLE DATE	2-W23-7
ALPHA	PCI/L	4	15		NR	02/22/88	36.70 + { 2.54}		NR
					NR	05/17/88	48.70 + { 2.82}		NR
					NR	06/09/88	59.90 + { 3.19}		NR
BETA	PCI/L	8	50	03/03/88	131 + { 7.49}	02/22/88	23 { 3.34}	01/18/88	1200 + { 22.80}
				05/19/88	129 + { 7.48}	05/17/88	45.60 { 4.55}	02/17/88	535 + { 15.40}
					NR	06/09/88	45.20 { 4.56}	03/21/88	621 + { 33 }
					NR		NR	04/14/88	619 + { 33 }
					NR		NR	05/09/88	469 + { 28.90}
					NR		NR	06/14/88	322 + { 24 }
HNITRAT	PPB	2500	45000	03/03/88	8410	02/22/88	9730		NR
				05/19/88	11800	05/17/88	8940		NR
					NR	06/09/88	8990		NR
TC-99	PCI/L	15	900		NR		NR	01/18/88	7830 + { 15.70}
					NR		NR	02/17/88	3080 + { 9.96}
					NR		NR	03/21/88	2240 + { 8.44}
					NR		NR	04/14/88	1930 + { 6.02}
					NR		NR	05/09/88	1680 + { 7.40}
					NR		NR	06/14/88	1130 + { 6.63}
TRITIUM	PCI/L	500	20000		NR	02/22/88	5450000 + { 8780 }		NR
					NR	05/17/88	1770000 +		NR

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W23-3	SAMPLE DATE	2-W23-4	SAMPLE DATE	2-W23-7
							{ 4290 }		
					NR	06/09/88	1550000 *		NR
							{ 4680 }		
U-234	PCI/L	0.10	32		NR	02/22/88	21.70		NR
							{ 0.42}		
U-235	PCI/L	0.10	32		NR	02/22/88	1.44		NR
							{ 0.11}		
U-238	PCI/L	0.10	4.80		NR	02/22/88	22.20 *		NR
							{ 0.43}		
U-CHEM	UG/L	0.73			NR	02/22/88	81.10		NR
					NR	05/17/88	66.70		NR
					NR	06/09/88	83.80		NR

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W23-9	SAMPLE DATE	2-W23-11	SAMPLE DATE	2-W26-3
ALPHA	PCI/L	4	15	01/19/88	26.40 + { 2.15}	01/19/88	17 + { 1.76}	02/11/88	1.14 { 0.51}
				02/17/88	19.20 + { 1.84}	05/19/88	17.20 + { 1.75}		NR
				03/18/88	23.10 + { 1.95}		NR		NR
				04/11/88	19.30 + { 1.81}		NR		NR
				05/09/88	18.50 + { 1.81}		NR		NR
				06/15/88	19.60 + { 1.86}		NR		NR
BETA	PCI/L	8	50	01/19/88	16.60 { 2.89}	01/19/88	7.17 { 1.94}	02/11/88	2.79 { 1.48}
				02/17/88	13.30 { 2.63}	05/19/88	5.25 { 1.79}		NR
				03/18/88	14 { 2.68}		NR		NR
				04/11/88	10.10 { 2.38}		NR		NR
				05/09/88	14.60 { 2.76}		NR		NR
				06/15/88	14.70 { 2.79}		NR		NR
HNITRAT	PPB	2500	45000	01/19/88	98200 *	01/19/88		02/11/88	
				02/17/88	99400 *	05/19/88			NR
				03/18/88	105000 *		NR		NR
				04/11/88	100000 *		NR		NR
				05/09/88	101000 *		NR		NR
				06/15/88	102000 *		NR		NR
RU-106	PCI/L	172.50	30	01/19/88		01/19/88			NR
				02/17/88		05/19/88			NR
				03/18/88	51.70 + { 50.90}		NR		NR
				04/11/88			NR		NR
				05/09/88			NR		NR

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W23-9	SAMPLE DATE	2-W23-11	SAMPLE DATE	2-W26-3
				06/15/88			NR		NR
TC-99	PCI/L	15	900	01/19/88	81.20 { 1.95}	01/19/88			NR
TRITIUM	PCI/L	500	20000	01/19/88	1280000 * { 3660 }	01/19/88	845 { 189 }	02/11/88	
				02/17/88	1430000 * { 4520 }	05/19/88	1240 { 199 }		NR
				03/18/88	1360000 * { 4390 }		NR		NR
				04/11/88	1320000 * { 4230 }		NR		NR
				05/09/88	1410000 * { 3850 }		NR		NR
TRITIUM	PCI/L	500	20000	06/15/88	1470000 * { 4530 }		NR		NR
U-234	PCI/L	0.10	32	01/19/88	11.80 { 0.32}	01/19/88	8.29 { 0.25}		NR
				04/11/88	10.60 { 0.28}	05/19/88	8.28 { 0.62}		NR
U-235	PCI/L	0.10	32	01/19/88	0.55 { 0.07}	01/19/88	0.44 { 0.06}		NR
				04/11/88	0.56 { 0.06}	05/19/88	0.17 { 0.10}		NR
U-238	PCI/L	0.10	4.80	01/19/88	11.70 * { 0.32}	01/19/88	8.00 * { 0.26}		NR
				04/11/88	10.70 * { 0.28}	05/19/88	7.88 * { 0.61}		NR
U-CHEM	UG/L	0.73		01/19/88	28.60	01/19/88	28.70		NR
				02/17/88	29.20	05/19/88	25.50		NR
				03/18/88	27.50		NR		NR
				04/11/88	27.60		NR		NR
				05/09/88	27.50		NR		NR
				06/15/88	28.30		NR		NR

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	2-W26-6	SAMPLE DATE	3-1-3	SAMPLE DATE	3-1-5
ALPHA	PCI/L	4	15	02/11/88	1.25 { 0.51}		NR		NR
BETA	PCI/L	8	50	02/11/88	6.56 { 1.95}		NR		NR
TC-99	PCI/L	15	900		NR	02/09/88	55.20 { 1.72}		NR
U	PCI/L	0.50	600		NR NR	02/09/88 05/27/88	36.90 75	01/13/88 05/31/88	48.20 36.20

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	3-1-16D	SAMPLE DATE	3-2-2	SAMPLE DATE	3-2-3
BETA	PCI/L	8	50		NR	02/09/88	12.70	02/09/88	14.20
							{ 2.48}		{ 2.81}
					NR	05/31/88	29.70	05/31/88	15.20
							{ 3.81}		{ 2.71}
HNITRAT	PPB	2500	45000		NR	02/09/88	13300	02/09/88	16500
					NR	05/31/88	3090	05/31/88	17800
TC-99	PCI/L	15	900		NR	02/09/88	34.40	02/09/88	31.40
							{ 1.52}		{ 1.48}
TRITIUM	PCI/L	500	20000	02/05/88		02/09/88		02/09/88	
				06/01/88		05/31/88	579	05/31/88	
							{ 210 }		
U	PCI/L	0.50	600	02/05/88		02/09/88	9.06	02/09/88	11.20
				06/01/88		05/31/88	31.80	05/31/88	7.74

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	3-3-3	SAMPLE DATE	3-3-6	SAMPLE DATE	3-3-9
BETA	PCI/L	8	50	02/12/88	6.07		NR	02/08/88	16
					{ 1.94}				{ 2.67}
				06/01/88	4.30		NR	05/31/88	12
					{ 1.80}				{ 2.41}
HNITRAT	PPB	2500	45000	02/12/88	8610		NR	02/08/88	10700
				06/01/88	10400		NR	05/31/88	8870
TC-99	PCI/L	15	900	02/12/88			NR	02/08/88	32.40
									{ 1.58}
TRITIUM	PCI/L	500	20000	02/12/88		02/08/88		02/08/88	
				06/01/88	478	05/31/88	787	05/31/88	457
					{ 215 }		{ 218 }		{ 206 }
U	PCI/L	0.50	600	02/12/88	7.15	02/08/88	11.40	02/08/88	8.84
				06/01/88	5.31	05/31/88	8.08	05/31/88	12.20

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	3-3-11	SAMPLE DATE	3-3-12	SAMPLE DATE	3-4-9
BETA	PCI/L	8	50	02/12/88	21.90	02/11/88	7.67	02/08/88	13.60
					{ 3.30}		{ 2.15}		{ 2.54}
				06/01/88	27.80	06/01/88	11.40	05/31/88	16.70
					{ 3.72}		{ 2.57}		{ 2.90}
HNITRAT	PPB	2500	45000	02/12/88	11300	02/11/88	11000	02/08/88	7800
				06/01/88	15400	06/01/88	16400	05/31/88	10200
SR 90	PCI/L	5	8	02/12/88	6.43	02/11/88		02/08/88	
					{ 1.52}				
				06/01/88	5.70	06/01/88		05/31/88	
					{ 1.38}				
TC-99	PCI/L	15	900	02/12/88		02/11/88	9.17	02/08/88	21.10
							{ 1.21}		{ 1.37}
TRITIUM	PCI/L	500	20000	02/12/88	1850	02/11/88	2310	02/08/88	657
					{ 258 }		{ 271 }		{ 217 }
				06/01/88	2000	06/01/88	2840	05/31/88	1140
					{ 260 }		{ 282 }		{ 229 }
U	PCI/L	0.50	600	02/12/88	22.40	02/11/88	18.30	02/08/88	22.80
				06/01/88	32.50	06/01/88	25.60	05/31/88	24.10

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	3-4-10	SAMPLE DATE	3-5-1	SAMPLE DATE	3-6-1
BETA	PCI/L	8	50	02/08/88	18.40	02/11/88	34.60	02/11/88	8
					{ 2.95}		{ 4.21}		{ 2.19}
				05/31/88	18	05/31/88	34.90	05/31/88	7.63
					{ 2.99}		{ 4.32}		{ 2.25}
HNITRAT	PPB	2500	45000	02/08/88	7590	02/11/88	59700 *	02/11/88	29100
				05/31/88	9610	05/31/88	66800 *	05/31/88	32700
TC-99	PCI/L	15	900	02/08/88	13	02/11/88	211	02/11/88	
					{ 1.28}		{ 2.80}		
TRITIUM	PCI/L	500	20000	02/08/88	854	02/11/88		02/11/88	
					{ 223 }				
				05/31/88	1370	05/31/88		02/11/88	
					{ 235 }				
					NR		NR	05/31/88	
U	PCI/L	0.50	600	02/08/88	30.40	02/11/88	4.18	02/11/88	5.56
				05/31/88	26.70	05/31/88	4.27	02/11/88	6.25
					NR		NR	05/31/88	6.57

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	3-8-4	SAMPLE DATE	4-S1-7B	SAMPLE DATE	4-S1-8C
BETA	PCI/L	8	50	02/05/88	63.60 *	02/17/88	7.47	02/18/88	6.63
					{ 5.41}		{ 2.01}		{ 1.97}
				05/31/88	7.35	05/02/88	17.60	05/02/88	5.27
					{ 2.12}		{ 2.88}		{ 1.86}
HNITRAT	PPB	2500	45000	02/04/88	19500	02/17/88			NR
				05/31/88	21600	05/02/88			NR
TRITIUM	PCI/L	500	20000	02/05/88		02/17/88	57800 *	02/18/88	5600
							{ 930 }		{ 340 }
				05/31/88		05/02/88	55100 *	05/02/88	5740
							{ 775 }		{ 342 }
U	PCI/L	0.50	600	02/05/88	2		NR		NR
				05/31/88	1.87		NR		NR

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	4-S8-7	SAMPLE DATE	4-S8-8	SAMPLE DATE	6-S31-1P
ALPHA	PCI/L	4	15		NR	02/17/88		02/19/88	1.22
									{ 0.58}
					NR	06/07/88	0.57		NR
							{ 0.41}		
BETA	PCI/L	8	50		NR	02/17/88	7.11	02/19/88	4.35
							{ 2.05}		{ 1.67}
					NR	06/07/88	13.20		NR
							{ 2.73}		
HNITRAT	PPB	2500	45000		NR		NR	02/19/88	3230
RU-106	PCI/L	172.50	30	02/17/88		02/17/88			NR
				06/07/88		06/07/88	59.70 *		NR
							{ 54.10}		
TRITIUM	PCI/L	500	20000	02/17/88	53000 *	02/17/88	4770	02/19/88	
					{ 896 }		{ 327 }		
				06/07/88	34100 *	06/07/88	28200 *		NR
					{ 718 }		{ 862 }		

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-S29-E12	SAMPLE DATE	6-S28-E0	SAMPLE DATE	6-S27-E14
ALPHA	PCI/L	4	15		NR	02/17/88	1.46		NR
							{ 0.55}		
					NR	04/15/88	1.50		NR
							{ 0.55}		
BETA	PCI/L	8	50	02/17/88	7.71	02/17/88	5.48	01/07/88	8.25
					{ 2.12}		{ 1.88}		{ 2.20}
				08/17/88	8.81	04/15/88	4.23	02/05/88	7.66
					{ 2.31}		{ 1.70}		{ 2.11}
					NR		NR	03/03/88	8.94
									{ 2.30}
					NR		NR	04/08/88	8.02
									{ 2.25}
					NR		NR	05/04/88	6.40
									{ 2.08}
					NR		NR	06/17/88	9.68
									{ 2.40}
HNITRAT	PPB	2500	45000	02/17/88	18700	02/17/88	8990	01/07/88	22200
				06/17/88	26000	04/15/88	8690	02/05/88	21200
					NR		NR	03/03/88	22000
					NR		NR	04/08/88	19900
					NR		NR	05/04/88	19800
					NR		NR	06/17/88	25600
TC-99	PCI/L	15	900	06/17/88	27.30		NR		NR
					{ 1.45}				
U	PCI/L	0.50	600	02/17/88	2.21	02/17/88	1.39	01/07/88	4.32
				06/17/88	1.97	04/15/88	1.36	02/05/88	3.45
					NR		NR	03/03/88	4.34
					NR		NR	04/08/88	4
					NR		NR	05/04/88	3.32
					NR		NR	06/17/88	3.45

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-S24-19	SAMPLE DATE	6-S19-11	SAMPLE DATE	6-S18-51
ALPHA	PCI/L	4	15		NR	02/17/88	1.60	03/08/88	
							{ 0.59}		
BETA	PCI/L	8	50		NR	02/17/88	4.38	03/08/88	2.87
							{ 1.68}		{ 1.45}
HNITRAT	PPB	2500	45000	02/17/88		02/17/88	8550	03/08/88	

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-S14-20A	SAMPLE DATE	6-S12-3	SAMPLE DATE	6-S12-29
ALPHA	PCI/L	4	15		NR	02/17/88	2.81	02/19/88	0.83
							{ 0.73}		{ 0.45}
					NR	04/15/88	3.56	04/15/88	1.61
							{ 0.81}		{ 0.56}
BETA	PCI/L	8	50		NR	02/17/88	7.11	02/19/88	6.28
							{ 2.09}		{ 1.92}
					NR	04/15/88	35.50	04/15/88	5.34
							{ 4.22}		{ 1.87}
CO-60	PCI/L	22.50	100	02/17/88		02/17/88	7.90		NR
							{ 5.97}		
HNITRAT	PPB	2500	45000	02/17/88		02/17/88	10500	02/19/88	15200
					NR	04/15/88	11000	04/15/88	17200
U	PCI/L	0.50	600	02/17/88		02/17/88	2.93		NR

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-S11-E12A	SAMPLE DATE	6-S11-E12AP	SAMPLE DATE	6-S8-19
ALPHA	PCI/L	4	15		NR	02/12/88		03/08/88	2.85
									{ 0.75}
					NR		NR	04/21/88	2.84
									{ 0.73}
BETA	PCI/L	8	50		NR	02/12/88	8.38	03/08/88	7.97
							{ 2.08}		{ 2.19}
					NR		NR	04/21/88	29.40
									{ 3.85}
HNITRAT	PPB	2500	45000	02/12/88	19000	02/12/88			NR
TRITIUM	PCI/L	500	20000	02/12/88	3380	02/12/88		03/08/88	
					{ 297 }				
					NR		NR	04/21/88	

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-S8-E14A	SAMPLE DATE	6-S8-E4B	SAMPLE DATE	6-S8-E4D
BETA	PCI/L	8	50	03/08/88	7.28	02/19/88	12.10	02/19/88	16.20
					{ 1.99}		{ 2.58}		{ 2.93}
					NR	04/08/88	13.70	04/08/88	21.60
							{ 2.76}		{ 3.36}
CO-60	PCI/L	22.50	100		NR	02/19/88		02/19/88	8.71
									{ 7.99}
					NR	04/08/88		02/19/88	
					NR		NR	04/08/88	
HNITRAT	PPB	2500	45000	03/08/88	3680	02/19/88	15600	02/19/88	23000
					NR	04/08/88	17000	04/08/88	25500
TRITIUM	PCI/L	500	20000	03/08/88		02/19/88	25900 *	02/19/88	38900 *
							{ 638 }		{ 778 }
					NR	04/08/88	25500 *	02/19/88	38700 *
							{ 543 }		{ 777 }
					NR		NR	04/08/88	31400 *
									{ 774 }
U	PCI/L	0.50	600		NR	02/19/88	3.47	02/19/88	2.99
					NR	04/08/88	2.01	02/19/88	3.10
					NR		NR	04/08/88	2.58

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	8-S3-25	SAMPLE DATE	8-1-18	SAMPLE DATE	8-2-3
ALPHA	PCI/L	4	15	02/17/88	2.52 { 0.71}		NR	01/22/88	3.08 { 0.77}
					NR		NR	04/08/88	2.54 { 0.89}
BETA	PCI/L	8	50	02/17/88	9.68 { 2.38}		NR	01/22/88	28.30 { 3.75}
					NR		NR	04/08/88	28.70 { 3.80}
HNITRAT	PPB	2500	45000	02/17/88		01/21/88	19100	01/22/88	29000
					NR	04/07/88	19400	04/08/88	30200
TRITIUM	PCI/L	500	20000	02/17/88		01/21/88	48100 * { 726 }	01/22/88	104000 * { 1060 }
					NR	04/07/88	46200 * { 735 }	04/08/88	104000 * { 1060 }

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	8-2-7	SAMPLE DATE	8-2-33A	SAMPLE DATE	8-3-45
ALPHA	PCI/L	4	15		NR	01/22/88	3.77 { 0.83}		NR
					NR	04/07/88	3.31 { 0.80}		NR
BETA	PCI/L	8	50		NR	01/22/88	6.69 { 1.95}	01/29/88	3.64 { 1.50}
					NR	04/07/88	5.28 { 1.88}		NR
HNITRAT	PPB	2500	45000	01/27/88	39900	01/22/88	3160	01/29/88	
					NR	04/07/88	3100		NR
TRITIUM	PCI/L	500	20000	01/27/88	13300 { 470 }	01/22/88		01/29/88	
					NR	04/07/88			NR

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-8-17	SAMPLE DATE	6-8-25	SAMPLE DATE	6-8-32
ALPHA	PCI/L	4	15	01/27/88	3.56	01/27/88	5.93	01/27/88	1.78
					{ 0.81}		{ 1.06}		{ 0.58}
				04/07/88	3.73	04/07/88	4.99	04/07/88	1.69
					{ 0.84}		{ 0.94}		{ 0.59}
BETA	PCI/L	8	50	01/27/88	36.40	01/27/88	22.60	01/27/88	5.28
					{ 4.21}		{ 3.39}		{ 1.85}
				04/07/88	36.50	04/07/88	18.30	04/07/88	5.09
					{ 4.21}		{ 3.11}		{ 1.81}
HNITRAT	PPB	2500	45000	01/27/88	34200	01/27/88	18500	01/27/88	3770
				04/07/88	32700	04/07/88	18600	04/07/88	2770
I-129DW	PCI/L	1		04/07/88	0.53	04/07/88		04/07/88	
					{ 0.35}				
TRITIUM	PCI/L	500	20000	01/27/88	156000 *	01/27/88	35200 *	01/27/88	
					{ 1320 }		{ 839 }		
				04/07/88	150000 *	04/07/88	34400 *	04/07/88	
					{ 1260 }		{ 822 }		

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-10-54A	SAMPLE DATE	6-13-64	SAMPLE DATE	6-14-E6T
ALPHA	PCI/L	4	15	01/29/88	0.75	01/29/88	0.41	01/25/88	
					{ 0.41}		{ 0.34}		
				05/24/88	1.89	05/22/88	0.40		NR
					{ 0.63}		{ 0.33}		
BETA	PCI/L	8	50	01/29/88	2.30	01/29/88	2.00	01/25/88	15.90
					{ 1.41}		{ 1.37}		{ 2.81}
				05/24/88	3.73	05/22/88			NR
					{ 1.66}				
HNITRAT	PPB	2500	45000	01/29/88	11400	01/29/88		01/25/88	22100
				05/24/88	12000	05/22/88			NR
TRITIUM	PCI/L	500	20000	01/29/88		01/29/88		01/25/88	51800 *
									{ 865 }
				05/24/88		05/22/88			NR

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-14-47	SAMPLE DATE	6-15-15B	SAMPLE DATE	6-15-26
ALPHA	PCI/L	4	15	01/22/88	2.35	01/21/88	6.03	01/22/88	5.99
					{ 0.68}		{ 1.04}		{ 1.08}
					NR		NR	01/22/88	6.18
									{ 1.04}
					NR		NR	05/16/88	6.90
									{ 1.10}
BETA	PCI/L	8	50	01/22/88	3.91	01/21/88	6.12	01/22/88	21.30
					{ 1.57}		{ 1.93}		{ 3.28}
					NR		NR	05/16/88	30
									{ 3.92}
CO-60	PCI/L	22.50	100		NR		NR	01/22/88	7.66
									{ 7.03}
					NR		NR	01/22/88	
					NR		NR	05/16/88	
HNITRAT	PPB	2500	45000	01/22/88		01/21/88	19300	01/22/88	21500
					NR		NR	05/16/88	22800
I-129DW	PCI/L	1			NR		NR	05/16/88	1.59
									{ 0.36}
TRITIUM	PCI/L	500	20000	01/22/88		01/21/88		01/22/88	66000 *
									{ 859 }
					NR		NR	01/22/88	66300 *
									{ 867 }
					NR		NR	05/16/88	64500 *
									{ 857 }

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-17-5	SAMPLE DATE	6-17-47	SAMPLE DATE	6-17-70
ALPHA	PCI/L	4	15	01/21/88	4.39		NR		NR
					{ 0.88}				
BETA	PCI/L	8	50	01/21/88	6.62		NR		NR
					{ 1.99}				
HNITRAT	PPB	2500	45000	01/21/88	62800 *	01/22/88		01/29/88	47400 *
					NR	05/22/88		04/29/88	43600

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-19-58	SAMPLE DATE	6-19-88	SAMPLE DATE	6-20-E12
ALPHA	PCI/L	4	15		NR	01/22/88	0.56		NR
							{ 0.38}		
					NR	04/29/88	1.16		NR
							{ 0.49}		
BETA	PCI/L	8	50		NR	01/22/88	2.39	01/25/88	4.35
							{ 1.41}		{ 1.73}
					NR	04/29/88	1.87	06/17/88	5.83
							{ 1.41}		{ 1.95}
HNITRAT	PPB	2500	45000	01/22/88		01/22/88		01/25/88	5670
				04/29/88		04/29/88		08/17/88	32600
TRITIUM	PCI/L	500	20000		NR	01/22/88		01/25/88	967
									{ 189 }
					NR	04/29/88		06/17/88	1390
									{ 200 }
U	PCI/L	0.50	600		NR		NR	01/25/88	1.13
					NR		NR	06/17/88	1.34

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-20-E12P	SAMPLE DATE	6-20-E5A	SAMPLE DATE	6-20-E5P
ALPHA	PCI/L	4	15	01/25/88		01/25/88	2.94	01/25/88	
							{ 0.73}		
					NR	05/20/88	2.96		NR
							{ 0.76}		
BETA	PCI/L	8	50	01/25/88	4.90	01/25/88	21	01/25/88	3.93
					{ 1.84}		{ 3.17}		{ 1.70}
					NR	05/20/88	22.40		NR
							{ 3.29}		
HNITRAT	PPB	2500	45000	01/25/88		01/25/88	22200	01/25/88	
					NR	05/20/88	23300		NR
TRITIUM	PCI/L	500	20000	01/25/88		01/25/88	67400 *	01/25/88	
							{ 981 }		
					NR	05/20/88	69300 *		NR
							{ 868 }		

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-20-E5Q	SAMPLE DATE	6-20-E5R	SAMPLE DATE	6-20-20
BETA	PCI/L	8	50	01/25/88	4.91	01/25/88	4.01	01/27/88	32.20
					{ 1.73}		{ 1.55}		{ 3.93}
					NR		NR	04/07/88	27.10
									{ 3.61}
HNITRAT	PPB	2500	45000	01/25/88		01/25/88		01/27/88	36700
					NR		NR	04/07/88	35100
I-129DW	PCI/L	1			NR		NR	04/07/88	1.52
									{ 0.40}
TRITIUM	PCI/L	500	20000	01/25/88		01/25/88		01/27/88	165000 *
									{ 1350 }
			NR		NR	04/07/88	161000 *		
									{ 1310 }
U	PCI/L	0.50	600		NR		NR	01/27/88	2.20
					NR		NR	04/07/88	2.70

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-20-82	SAMPLE DATE	6-21-6	SAMPLE DATE	6-22-70
ALPHA	PCI/L	4	15	03/28/88	1.05	02/02/88	2.10	03/28/88	1.35
					{ 0.47}		{ 0.65}		{ 0.51}
				05/22/88	3.90	04/14/88	2.90	05/24/88	0.57
					{ 0.80}		{ 0.70}		{ 0.39}
BETA	PCI/L	8	50	03/28/88	4.40	02/02/88	10.90	03/28/88	4.80
					{ 1.70}		{ 2.40}		{ 1.80}
				05/22/88	3.50	04/14/88	13.10	05/24/88	3.70
					{ 1.50}		{ 2.70}		{ 1.60}
HNITRAT	PPB	2500	45000	03/28/88	2610	02/02/88	39700	03/28/88	9720
				05/22/88	16900	04/14/88	35500	05/24/88	10300
TRITIUM	PCI/L	500	20000	03/28/88		02/02/88	51100 *	03/28/88	
							{ 869 }		
				05/22/88		04/14/88	48400 *	05/24/88	
							{ 595 }		

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-24-1P	SAMPLE DATE	6-24-1Q	SAMPLE DATE	6-24-1R
BETA	PCI/L	8	50	01/25/88	5.88	01/25/88	3.50	01/25/88	3.94
					{ 1.90}		{ 1.42}		{ 1.52}
TRITIUM	PCI/L	500	20000	01/25/88	389	01/25/88		01/25/88	
					{ 199 }				

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-24-1S	SAMPLE DATE	6-24-1T	SAMPLE DATE	6-25-55
ALPHA	PCI/L	4	15	01/25/88		01/25/88		02/01/88	3.19
									{ 0.76}
					NR		NR	05/24/88	2.89
									{ 0.75}
BETA	PCI/L	8	50	01/25/88	3.97	01/25/88	16.80	02/01/88	3.19
					{ 1.63}		{ 3.03}		{ 1.55}
					NR		NR	05/24/88	4.81
									{ 1.81}
HNITRAT	PPB	2500	45000	01/25/88		01/25/88		02/01/88	13000
					NR		NR	05/24/88	13700
TRITIUM	PCI/L	500	20000	01/25/88		01/25/88	14500	02/01/88	6000
							{ 484 }		{ 354 }
					NR		NR	05/24/88	

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-25-78	SAMPLE DATE	6-26-15A	SAMPLE DATE	6-26-89
ALPHA	PCI/L	4	15	02/01/88	0.83	01/27/88	3.98		NR
					{ 0.43}		{ 0.86}		
				05/24/88	0.77	04/14/88	3.02		NR
					{ 0.43}		{ 0.76}		
BETA	PCI/L	8	50	02/01/88	4.84	01/27/88	47		NR
					{ 1.74}		{ 4.73}		
				05/24/88	4.88	04/14/88	52 *		NR
					{ 1.81}		{ 4.97}		
CS-137	PCI/L	20	200		NR	01/27/88	5.07		NR
							{ 4.65}		
					NR	04/14/88			NR
HNITRAT	PPB	2500	45000	02/01/88	13500	01/27/88	35900	01/29/88	
				05/24/88	12400	04/14/88	33700		NR
I-129DW	PCI/L	1		05/24/88		04/14/88	1.89		NR
							{ 0.34}		
TRITIUM	PCI/L	500	20000	02/01/88	884	01/27/88	279000 *		NR
					{ 226 }		{ 1740 }		
				05/24/88	886	04/14/88	301000 *		NR
					{ 228 }		{ 2020 }		

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-27-8	SAMPLE DATE	6-28-40	SAMPLE DATE	8-28-40P
ALPHA	PCI/L	4	15	01/27/88	3.12	01/28/88	3.32	01/28/88	
					{ 0.77}		{ 0.78}		
				04/14/88	3.71	05/16/88	4.10		NR
					{ 0.84}		{ 0.84}		
BETA	PCI/L	8	50	01/27/88	45.90	01/28/88	12.90	01/28/88	1.81
					{ 4.72}		{ 2.85}		{ 1.21}
				04/14/88	55.40 *	05/16/88	11.20		NR
					{ 5.17}		{ 2.51}		
HNITRAT	PPB	2500	45000	01/27/88	37800	01/28/88	13700	01/28/88	
				04/14/88	33000	05/16/88	14300		NR
I-129DW	PCI/L	1		04/14/88	2.27	05/16/88			NR
					{ 0.45}				
TC-99	PCI/L	15	900	01/27/88	331		NR	01/28/88	
					{ 3.39}				
TRITIUM	PCI/L	500	20000	01/27/88	283000 *	01/28/88	18500	01/28/88	
					{ 1700 }		{ 544 }		
				04/14/88	258000 *	05/16/88	29400 *		NR
					{ 1870 }		{ 868 }		

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-28-52A	SAMPLE DATE	6-29-4	SAMPLE DATE	6-31-31
ALPHA	PCI/L	4	15	02/01/88		02/02/88	3.89	01/28/88	1.64
							{ 0.85}		{ 0.56}
					NR	05/20/88	5.26		NR
							{ 0.96}		
BETA	PCI/L	8	50	02/01/88	5.72	02/02/88	33	01/28/88	12
					{ 1.88}		{ 3.96}		{ 2.45}
					NR	05/20/88	39.30		NR
							{ 4.30}		
HNITRAT	PPB	2500	45000	02/01/88		02/02/88	30600	01/28/88	
					NR	05/20/88	29400		NR
I-129DW	PCI/L	1			NR	05/20/88	0.31		NR
							{ 0.20}		
TRITIUM	PCI/L	500	20000	02/01/88		02/02/88	124000 *	01/28/88	8570
							{ 1350 }		{ 346 }
					NR	05/20/88	113000 *		NR
							{ 1100 }		

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-31-31P	SAMPLE DATE	6-31-53B	SAMPLE DATE	6-32-22
ALPHA	PCI/L	4	15	01/28/88			NR	03/10/88	2.82 { 0.73}
					NR		NR	06/01/88	2.49 { 0.69}
BETA	PCI/L	8	50	01/28/88	5.80 { 1.81}		NR	03/10/88	46.90 { 4.70}
					NR		NR	06/01/88	40 { 4.37}
HNITRAT	PPB	2500	45000	01/28/88	6250		NR	03/10/88	27200
					NR		NR	06/01/88	26200
I-129DW	PCI/L	1			NR		NR	06/01/88	1.53 { 0.20}
TC-99	PCI/L	15	900	01/28/88			NR	03/10/88	244 { 3.07}
TRITIUM	PCI/L	500	20000	01/28/88			NR	03/10/88	226000 * { 1800 }
					NR		NR	06/01/88	214000 * { 1770 }

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-32-43	SAMPLE DATE	6-32-62	SAMPLE DATE	6-33-42
ALPHA	PCI/L	4	15		NR	02/02/88	2.49	02/01/88	3.19
							{ 0.68}		{ 0.75}
					NR	05/09/88	1.72	04/18/88	3.74
							{ 0.58}		{ 0.83}
BETA	PCI/L	8	50	02/02/88	30.50	02/02/88	9.02	02/01/88	43
					{ 3.79}		{ 2.23}		{ 4.39}
				04/18/88	26.10	05/09/88	6.96	04/18/88	35.40
					{ 3.51}		{ 2.05}		{ 4.08}
C 14	PCI/L			02/02/88	7.50 0		NR		NR
					{ 2.25}				
				04/18/88	5.95 0		NR		NR
					{ 2.08}				
HNITRAT	PPB	2500	45000	02/02/88	38700	05/09/88	26500	02/01/88	37100
				04/18/88	30400		NR	04/18/88	30600
I-129DW	PCI/L	1		04/18/88	6.69	05/09/88			NR
					{ 0.79}				
TC-99	PCI/L	15	900	02/02/88	68.40		NR		NR
					{ 1.83}				
TRITIUM	PCI/L	500	20000	02/02/88	427000 *	02/02/88	2190	02/01/88	380000 *
					{ 2470 }		{ 264 }		{ 2360 }
				04/18/88	330000 *	05/09/88	2090	04/18/88	321000 *
					{ 2130 }		{ 256 }		{ 2150 }

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-33-56	SAMPLE DATE	6-34-39A	SAMPLE DATE	6-34-41B
ALPHA	PCI/L	4	15	02/01/88	3.95	01/28/88	1.16		NR
					{ 0.87}		{ 0.49}		
				04/18/88	2.83		NR		NR
					{ 0.71}				
BETA	PCI/L	8	50	02/01/88	7.31	01/28/88	7.39		NR
					{ 2.10}		{ 2 }		
				04/18/88	5.22		NR		NR
					{ 1.90}				
HNITRAT	PPB	2500	45000	02/01/88	9210	01/28/88		01/28/88	10800
				04/18/88	9140		NR	05/03/88	9020
TRITIUM	PCI/L	500	20000	02/01/88		01/28/88	8230	01/28/88	52300 *
							{ 400 }		{ 885 }
				04/18/88			NR	05/03/88	45500 *
									{ 816 }

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-34-42	SAMPLE DATE	6-34-51	SAMPLE DATE	6-35-9
ALPHA	PCI/L	4	15	01/28/88	3.59	02/01/88	3.77	02/02/88	3.80
					{ 0.80}		{ 0.85}		{ 0.82}
				04/18/88	3.98	04/18/88	4.78	04/14/88	3.39
					{ 0.86}		{ 0.92}		{ 0.79}
BETA	PCI/L	8	50	01/28/88	20.60	02/01/88	6.10	02/02/88	40.80
					{ 3.10}		{ 2 }		{ 4.40}
				04/18/88	18.30	04/18/88	5.58	04/14/88	58.10 *
					{ 2.95}		{ 1.96}		{ 5.30}
HNITRAT	PPB	2500	45000	01/28/88	15400	02/01/88	8740	02/02/88	36800
				04/18/88	12800	04/18/88	8710	04/14/88	33500
I-129DW	PCI/L	1			NR	04/18/88	0.29	04/14/88	0.53
							{ 0.20}		{ 0.38}
TRITIUM	PCI/L	500	20000	01/28/88	106000 *	02/01/88		02/02/88	188000 *
					{ 1240 }				{ 1660 }
				04/18/88	70100 *	04/18/88		04/14/88	164000 *
					{ 1010 }				{ 1480 }

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-35-75	SAMPLE DATE	6-35-78A	SAMPLE DATE	6-36-46P
ALPHA	PCI/L	4	15		NR	01/07/88	13.30	01/28/88	
							{ 1.51}		
					NR	04/18/88	15.30 *		NR
							{ 1.64}		
BETA	PCI/L	8	50	02/01/88	24.60	01/07/88	5.23	01/28/88	11.90
					{ 3.53}		{ 1.75}		{ 2.38}
				04/18/88	32.80	04/18/88	7.40		NR
					{ 4.04}		{ 1.98}		
C 14	PCI/L			02/01/88	14.20 @		NR		NR
					{ 2.36}				
				04/18/88	18.60 @		NR		NR
					{ 2.31}				
CO-60	PCI/L	22.50	100		NR	01/07/88	5.06		NR
							{ 4.52}		
					NR	04/18/88			NR
HNITRAT	PPB	2500	45000	02/01/88	28200	01/07/88		01/28/88	
				04/18/88	28000	04/18/88			NR
I-129DW	PCI/L	1		04/18/88	87.80		NR		NR
					{ 5.92}				
RU-106	PCI/L	172.50	30		NR	01/07/88	60.60 *		NR
							{ 48.20}		
					NR	04/18/88			NR
TC-99	PCI/L	15	900	02/01/88	135		NR	01/28/88	
					{ 2.35}				
TRITIUM	PCI/L	500	20000	02/01/88	1180000 *	01/07/88		01/28/88	
					{ 4120 }				
				04/18/88	1130000 *	04/18/88			NR
					{ 3950 }				
U	PCI/L	0.50	600	02/01/88	2.51		NR		NR
				04/18/88	1.75		NR		NR
U-234	PCI/L	0.10	32		NR	01/07/88	0.38		NR
							{ 0.25}		
					NR	04/18/88	0.31		NR
							{ 0.26}		

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-35-70	SAMPLE DATE	6-35-70A	SAMPLE DATE	6-36-46P
U-235	PCI/L	0.10	32		NR	01/07/88	0.34		NR
							{ 0.06}		
					NR	04/18/88	0.38		NR
							{ 0.06}		
U-238	PCI/L	0.10	4.80		NR	01/07/88	6.15 *		NR
							{ 0.24}		
					NR	04/18/88	8.44 *		NR
							{ 0.26}		
U-CHEM	UG/L	0.73			NR	01/07/88	16.00		NR
					NR	04/18/88	19.50		NR

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-36-46Q	SAMPLE DATE	6-36-61B	SAMPLE DATE	6-36-93
ALPHA	PCI/L	4	15	01/28/88		02/03/88	0.45	02/19/88	0.50
							{ 0.34}		{ 0.35}
					NR	05/25/88	2.64		NR
							{ 0.70}		
BETA	PCI/L	8	50	01/28/88	10	02/03/88	8.71	02/19/88	3.87
					{ 2.24}		{ 2.23}		{ 1.68}
					NR	05/25/88	7		NR
							{ 2.07}		
HNITRAT	PPB	2500	45000	01/28/88		02/03/88	3810	02/19/88	36600
					NR	05/25/88	26100		NR
TRITIUM	PCI/L	500	20000	01/28/88	375	02/03/88	1340	02/19/88	
					{ 201 }		{ 236 }		
					NR	05/25/88	2360		NR
							{ 260 }		

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-37-82A	SAMPLE DATE	6-38-15	SAMPLE DATE	6-38-65
ALPHA	PCI/L	4	15	02/01/88		03/10/88	2.66		NR
							{ 0.72}		
				05/24/88		06/01/88	2.22		NR
							{ 0.67}		
BETA	PCI/L	8	50	02/01/88	5.94	03/10/88	89.90 *	03/28/88	16.10
					{ 1.83}		{ 6.48}		{ 3.02}
				05/24/88	5.98	06/01/88	80.80 *	05/11/88	14.50
					{ 1.83}		{ 6.20}		{ 2.88}
CO-60	PCI/L	22.50	100		NR	03/10/88	11.10	03/28/88	
							{ 9.28}		
					NR	06/01/88	13.50	05/11/88	
							{ 9.15}		
HNITRAT	PPB	2500	45000	02/01/88	46700 *	03/10/88	55500 *	03/28/88	153000 *
				05/24/88	41200	06/01/88	51800 *	05/11/88	159000 *
I-129DW	PCI/L	1			NR	06/01/88	0.43	05/11/88	3.51
							{ 0.10}		{ 0.55}
TRITIUM	PCI/L	500	20000	02/01/88		03/10/88	489000 *	03/28/88	397000 *
							{ 2630 }		{ 2390 }
				05/24/88		06/01/88	475000 *	05/11/88	397000 *
							{ 2580 }		{ 2890 }
U	PCI/L	0.50	600		NR		NR	03/28/88	1.74
					NR		NR	05/11/88	1.54

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-39-0	SAMPLE DATE	6-40-1	SAMPLE DATE	6-40-33A
ALPHA	PCI/L	4	15	02/10/88	4.04	02/10/88	4.14	02/02/88	1.05
					{ 0.88}		{ 0.87}		{ 0.49}
					NR	05/13/88	3.20		NR
							{ 0.79}		
BETA	PCI/L	8	50	02/10/88	72.40 +	02/10/88	65.50 +	02/02/88	7.68
					{ 5.79}		{ 5.58}		{ 2.07}
					NR	05/13/88	68.90 +		NR
							{ 5.62}		
CO-60	PCI/L	22.50	100	02/10/88		02/10/88	11.40	02/02/88	
							{ 9.95}		
HNITRAT	PPB	2500	45000	02/10/88	37400	02/10/88	37600	02/02/88	
					NR	05/13/88	40000		NR
TC-99	PCI/L	15	900		NR	02/10/88	350		NR
							{ 3.51}		
TRITIUM	PCI/L	500	20000	02/10/88	242000 *	02/10/88	237000 *	02/02/88	
					{ 1870 }		{ 1840 }		
					NR	05/13/88	243000 *		NR
							{ 1840 }		

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-41-23	SAMPLE DATE	6-42-12A	SAMPLE DATE	6-42-40B
ALPHA	PCI/L	4	15	02/02/88	1.88 { 0.60}		NR		NR
				05/22/88	2.71 { 0.71}		NR		NR
BETA	PCI/L	8	50	02/02/88	13.50 { 2.64}	02/02/88	41.10 { 4.51}	01/08/88	2.97 { 1.38}
				05/22/88	14.70 { 2.73}	05/13/88	48.70 { 4.83}	03/06/88	4.43 { 1.62}
					NR		NR	03/17/88	3.78 { 1.55}
					NR		NR	04/07/88	2.94 { 1.43}
					NR		NR	06/03/88	7.32 { 2 }
					NR		NR	06/06/88	2.89 { 1.41}
CO-60	PCI/L	22.50	100		NR	02/02/88	9.27 { 8.91}	01/08/88	5.84 { 5.04}
					NR	05/13/88		03/06/88	
					NR		NR	03/17/88	
					NR		NR	04/07/88	
					NR		NR	06/03/88	
					NR		NR	06/06/88	
HNITRAT	PPB	2500	45000	02/02/88	15400	02/02/88	42200	01/08/88	
				05/22/88	14200	05/13/88	40500	04/07/88	
I-129DW	PCI/L	1		05/22/88	6.33 { 0.61}	05/13/88	0.56 { 0.19}		NR
SR 90	PCI/L	5	8		NR	02/02/88		01/08/88	
					NR	05/13/88	0.88 { 0.84}	04/07/88	0.93 { 0.83}
TC-99	PCI/L	15	900	02/02/88	68.20 { 1.83}	02/02/88	270 { 3.11}		NR
TRITIUM	PCI/L	500	20000	02/02/88	135000 * { 1400 }	02/02/88	299000 * { 2090 }	01/08/88	390 { 282 }
				05/22/88	110000 * { 1100 }	05/13/88	298000 * { 1790 }	03/06/88	

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-41-23	SAMPLE DATE	6-42-12A	SAMPLE DATE	6-42-40B
					NR		NR	03/17/88	
					NR		NR	04/07/88	
					NR		NR	06/03/88	622
									{ 220 }
					NR		NR	06/06/88	
U	PCI/L	0.50	600		NR	02/02/88	2.01		NR
					NR	05/13/88	1.85		NR

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-42-40C	SAMPLE DATE	6-43-68	SAMPLE DATE	6-44-4
ALPHA	PCI/L	4	15	02/02/88	2.94	03/30/88			NR
					{ 0.75}				
				05/23/88	4.27	05/23/88			NR
					{ 0.88}				
BETA	PCI/L	8	50	02/02/88	11.20	03/30/88	3.97		NR
					{ 2.40}		{ 1.64}		
				05/23/88	12	05/23/88	3.32		NR
					{ 2.50}		{ 1.61}		
HNITRAT	PPB	2500	45000	02/02/88		03/30/88	7930	02/05/88	
					NR	05/23/88	9840		NR
SR 90	PCI/L	5	8	02/02/88			NR		NR
				05/23/88	3.22		NR		NR
					{ 1.13}				
TRITIUM	PCI/L	500	20000	02/02/88	1430	03/30/88		02/05/88	128000 *
					{ 240 }				{ 1550 }
					NR	05/23/88			NR

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-45-69A	SAMPLE DATE	6-46-21B	SAMPLE DATE	6-47-35A
ALPHA	PCI/L	4	15	02/10/88	1.37 { 0.52}	02/12/88	2.45 { 0.70}	02/12/88	2.21 { 0.67}
				05/23/88	1.76 { 0.58}	06/17/88	2.26 { 0.65}		NR
BETA	PCI/L	8	50	02/10/88	3.60 { 1.62}	02/12/88	8.63 { 2.23}	02/12/88	5.30 { 1.87}
				05/23/88	3.24 { 1.59}	06/17/88	6.22 { 1.99}		NR
HNITRAT	PPB	2500	45000	02/10/88	21000	02/12/88	14300	02/12/88	13900
				05/23/88	20900	06/17/88	16100		NR
TRITIUM	PCI/L	500	20000	02/10/88		02/12/88	48100 * { 848 }	02/12/88	
				05/23/88		06/17/88	46000 * { 714 }		NR
U	PCI/L	0.50	600		NR	02/12/88	1.87		NR

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-48-7	SAMPLE DATE	6-48-18	SAMPLE DATE	6-48-71
ALPHA	PCI/L	4	15	02/10/88	0.80 { 0.45}	02/12/88	1.31 { 0.52}	02/12/88	1.80 { 1 }
				05/13/88	1.25 { 0.51}	05/25/88	2.47 { 0.69}	05/25/88	1.73 { 0.62}
BETA	PCI/L	8	50	02/10/88		02/12/88	6.48 { 1.96}	02/12/88	5.01 { 1.83}
				05/13/88	2.42 { 1.41}	05/25/88	4.09 { 1.70}	05/25/88	2.57 { 1.51}
HNITRAT	PPB	2500	45000	02/10/88	2550	02/12/88	5810	02/12/88	19700
				05/13/88	4560	05/25/88	5620	05/25/88	22200

TABLE E.7. (contd)

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-49-13E	SAMPLE DATE	6-49-28	SAMPLE DATE	6-49-55B
ALPHA	PCI/L	4	15	03/30/88	2.02 { 0.62}	02/19/88		02/19/88	2.09 { 0.63}
				06/01/88	2 { 0.81}	06/01/88		05/03/88	2.26 { 0.63}
BETA	PCI/L	8	50	03/30/88	3.56 { 1.59}	02/19/88	1.68 { 1.22}	02/19/88	6.70 { 2.02}
				06/01/88	5.61 { 1.89}	06/01/88	4.46 { 1.60}	05/03/88	6.24 { 1.93}
HNITRAT	PPB	2500	45000	03/30/88	5170	02/19/88		02/19/88	
				06/01/88	6050	06/01/88			NR
TRITIUM	PCI/L	500	20000	03/30/88		02/19/88	1510 { 241 }	02/19/88	
				06/01/88		06/01/88	1340 { 241 }		NR

CONSTITUENT NAME	UNITS	CONTRACTUAL DETECTION LIMIT	DRINKING WATER STANDARD	SAMPLE DATE	6-49-100C	SAMPLE DATE	6-50-30	SAMPLE DATE	6-50-42
ALPHA	PCI/L	4	15	02/12/88	2.02 { 0.61}	02/19/88	0.35 { 0.32}	02/02/88	0.93 { 0.44}
				06/01/88		05/03/88		04/19/88	1.52 { 0.57}
BETA	PCI/L	8	50	02/12/88	6.57 { 2.21}	02/19/88	4.05 { 1.72}	02/02/88	6.48 { 1.92}
				06/01/88	10.30 { 2.37}	05/03/88	5.78 { 1.78}	04/19/88	8.27 { 2.17}
HNITRAT	PPB	2500	45000	02/12/88	11800	02/19/88		02/02/88	2610
				06/01/88		05/03/88		04/19/88	4490
I-129DW	PCI/L	1			NR		NR	04/19/88	0.32 { 0.21}
TRITIUM	PCI/L	500	20000	02/12/88		02/19/88		02/02/88	4200 { 312 }
				06/01/88		05/03/88		04/19/88	4410 { 315 }

APPENDIX REFERENCES

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